University Medical Center of Princeton Plainsboro, NJ

Final Report

Heat Recovery Replacement, Microsteam Turbines, Power Distribution Redesign, Acoustical Analysis



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University Medical Center of Princeton Replacement Hospital

Plainsboro, NT



Primary Project Team

RMJM Hillier and HOK in joint venture Architect:

MEP: Syska Hennessay Group, Inc. O'Donnell & Naccarato, Inc. Structure: French & Parrello Associates Civil:

Medical Equipment: RTKL Associates Inc. Co-gen Plant: NRG Energy Inc. **Turner Construction** GC:

Architecture

- 269 single patient rooms
- State of the art laboratories, imaging rooms, and operating rooms
- Glass curtain wall on south side
- Brick curtain wall on remaining sides
- Two story concourse entrance
- Horizontal sun shades

Project Information

Building Name: University Medical Center

of Princeton Replacement

Hospital

Location: Plainsboro, NJ

Building Occupant: University Medical Center

of Princeton

639,000 square feet Size:

Stories: 6+1

Finish Date: March 2012 Cost: \$315 Million

Delivery Type: Design-Bid-Build



courtesy of Princeton Healthcare System

Mechanical

- 10 AHUs with 100% outside air to service medical areas
- 7 other AHUs to service rest of building
- 1 MUA to replenish exhausted kitchen air
- The building is provided with 120 psi steam from a central utility plant on site, which is reduced to usable pressures
- The central utility plant also supplies chilled water for cooling
- All AHU use HEPA filters to provide the cleanest air possible

Structural

UMCP has a steel structure with concrete floors on metal decking The building is supported on concrete footings while the cast in place basement walls are supported by a strip footing. Particular rooms such as the Linear Accelerator have special design requirements to support the three foot thick lead entraced block and the 9,000 pound door. The building is designed to withstand wind loads of 95 mph and seismic loads of class C.



Electrical

UMCP is supplied with electricity from the Central Utility Plant which receives grid power and generates its own. Power is distributed through the building through 480 volt risers and transformed down to required voltages on each floor.

Tim Berteotti, Mechanical Option

www.engr.psu.edu/ae/thesis/portfolios/2012/TCB5052/index.html

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Executive Summary

An extensive analysis was performed on the current energy recovery system and a possible substitute. The current system is a propylene glycol runaround loop which harvests energy from the exhaust air and transfers it to the incoming ventilation air. It was proven that this system only covered 7 Tons of cooling load and a little over 5,400 MBH of heating. This reducing heating costs in half, but barely affects the cooling load. The runaround propylene glycol system saves around \$53,000 a year in natural gas costs, but costs around \$1.3 million to install. This payback of 23 years is unpractical for most situations, but because of the simplicity of the system and the fact that this is for a hospital I would recommend it.

The proposed alternative had a higher reduction of onsite energy but did not pay off. Saving around \$55,000 a year in natural gas costs is good, but the additional capital investment of around \$6.4 million creates a payback of 115 years. This is unacceptable for any building investment. The equipment would need replaced multiple times during this period and would greatly increase the payback period. Therefore, I would not recommend this alternative.

One of the design objectives of Princeton Healthcare Systems is to be environmentally conscious. Microsteam Turbines make use of wasted energy. The savings of 461 kw of peak electricity during on season peak months could save up to \$7,634 and \$4,219 during off peak months. This is an interesting technology that I feel will continue to grow in applications where a large constant supply of steam is required such as hospitals.

Electrical power distribution is a necessity for any building, because without power nothing would work. Therefore it is important that a building's power system be properly design and given room for growth. Adding the 13 heat pumps increased the electrical demand by about 800 amps. If the heat pumps were being integrated as part of the original design it is very possible that the substation and emergency switchgear would have been sized larger.

Building acoustics is a very complicated subject. Being able to accurately predict how a room will perform acoustically is not straight forward and not reliable. Therefore AudioComfort panels from DuPont were selected as the means to quiet noisy rooms. By taking actual sound recordings and analyzing them through Matlab, an analytical solution was made. By calculating the T_{60} time within the patient rooms, it was possible to estimate the square footage of panels is needed. The values varied from 100 to over 300 square feet. This is almost the area of the entire wall. Therefore it is recommended to complete an analysis of the duct attenuator design to make further improvements.

Building Overview

The University Medical Center of Princeton Replacement Hospital is a new 639,000 square foot state of the art faciltiy located in Plainsboro, New Jersey. It part of a 171 acre healthcare campus located conveniently off of US route 1. The new faciltiy is being built to fullfill future ocupancy needs anticipated by the Princeton Healthcare Systems. The scope of this project is the patient tower which consists of 269 single-bed rooms within its six floors along with state-of-the-art treatment and testing equipment

Design Objectives of UMCP

The University Medical Center of Princeton has many design objectives including aesthetics, unique patient experience, improved performance, and environmental responsibility. To achieve these goals the design is well integrated and comprised of state-of-the-art equipment. The collaboration of the design teams resulted in the production of a complex building meeting the specific needs of each space.

Every interior space is laid out in a way to improve efficiency. An extensive analysis of the patient/doctor routes was performed to minimize the travel distance, providing faster and more efficient care. Segmenting the hospital into separate portals based on major type of care (i.e. maternity, cancer, etc.) decreases transportation time. To accomplish this, there are dedicated imaging and exam rooms spread throughout the building for each portal. The dedicated rooms also provide an ease in scheduling and reduce wait time for patients.

The Princeton Healthcare System spared no cost to provide the best equipment possible. Through vigorous fundraising the "Design for Healing" campaign is raising \$115 million to support the \$447 million project (\$315 million for construction). Of the fundraised money, \$15 million is allocated to program and department needs of the hospital including a fully computerized patient records system. The campaign feels no reason for money to be a deciding factor in providing the best possible care and healing for patients.

The collaboration of multiple well known firms creates a well-planned hospital. The partnership between HOK and RMJM Hillier brought together design experience of more than 260 hospital designs. Syska Hennessay worked hard to design a mechanical system that satisfies all of the environmental needs while maintaining a strong LEED initiative. RTKL Associates, an industry leader in healthcare technologies, is providing extensive planning for the medical equipment and data system. NRG is providing design and installation services for the central utility plant that will provide high pressure steam, chilled water, and electricity to the entire building. Turner Construction brings its excellent record and experience of construction with the use of 3D construction tools to insure UMCP is built on time and on budget. Together, these members of the project team, as well as many others, are striving to construct one of the most advanced healing facilities in New Jersey.

Project Goals

To begin any project one must set goals and guidelines to ensure that there is a purposeful result in the end. Each goal must be analyzed and evaluated on its importance to the big picture. Below the major goals are bulleted and will be referenced back to throughout this report.

- Provide an alternative heating/cooling system that follows the owners design objectives
- Delve into the workings of the alternative system to discover unique options/designs
- Reduce energy consumption and cost

The design objectives of Princeton Healthcare Systems were kept as a top priority. Although it could easily be said that the owner's wishes could be set aside to show alternatives that could drastically save energy, I felt that this was not a healthy practice. The owner's wishes should be respected and accepted as a challenge.

Some of these requests were to better the healing environment within the hospital. Thus the energy intensive choice to use 100% outside air took priority. Having to cool and heat almost 70% more air is a large expense; however it has its medical benefits. By not recycling any of the air it eliminates the opportunity for airborne illnesses such as pulmonary tuberculosis and biological threats such as anthrax from spreading through the building to other patients and staff. The amount of contaminants spread through the building serviced by a particular air handler can be calculated and may seem small because the dilution of mixing with return air and outside air coming in and then separated to the different spaces. This air is separated to the different spaces and therefore only a small fraction of the original contaminant will be spread to the other spaces. However, with some bacteria it only takes a single cell to create a colony in a moist location, such as an air supply unit, and have spores released into the air.

Another design objective is to provide superior comfort for the patients, doctors, surgeons, and staff. Every patient room holds only one patient and each room has its own thermostat to control a VAV box with terminal preheat. This is also an energy intensive design, but allows the occupant to set the ideal personal temperature.

The hospital also wants to be environmentally conscious and find innovative ways to reduce energy consumption when possible without impeding the overall quality of the indoor environment. This is done currently by harvesting some of the energy from the exhaust air.

It is easy to pick a system configuration from a book and follow the step by step instructions to design such a system. It is challenging and often very innovational to look into the inner functions of a design and ask "what if". This method can sometimes spark new ideas and become very prosperous.

Finally as a way to keep with the owner's requests as well as be an energy conscious engineer I decided to design an alternative system to save energy. Although the system may not pay off quickly, it could use the energy more efficiently and be less dependent on outside fuel sources.

Current Mechanical System Overview

The University Medical Center of Princeton has a large multi zone mechanical system to provide the required cooling and ventilation air for each space. There are 11 air handling units within the scope of this report (17 total for the building); eight of these units are atop the roof of the bed tower, while the other three are placed in the basement. The eight roof top units supply 100% outside air and each is connected to propylene glycol runaround heat recovery system.

Each floor is not serviced by its own air handler. The basement, first floor and lobby are supplied by the three basement units. The remainder of the building is divided into sectors. Each sector is supplied from a rooftop air handler via a vertical supply shaft. Figure 1 below illustrates the sectors of the patient tower.

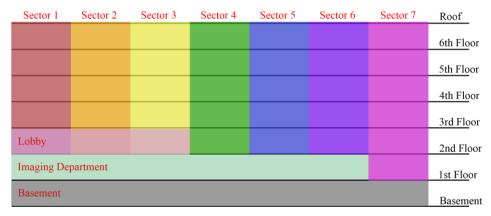


Figure 1. Sector Layout Diagram for the Patient Tower

The following table lists the sector and supply air data for each air handler.

Desig	n Sectors and Supply Air	by AHU
Air		Supply Air
Handler	Sector	(CFM)
AHU -1	Lobby	60,000
	Imaging	
AHU -2	Department	35,000
AHU -4	Basement	33,000
AHU -7	Sector 1	46,000
AHU -8	Sector 2	50,000
AHU -9	Sector 3	35,000
AHU -10	Sector 4	42,000
AHU -11	Sector 5	50,000
AHU -12	Sector 6	30,000
AHU -13	Sector 7	30,000

Table 1. Designed Sectors and Supply Air

Providing ultimate climate comfort to each space is accomplished using two simple devices. In the public spaces such as hallways and lobbies a constant air volume

(CAV) box with terminal reheat is used. This box is sized to always meet the design occupancy of the space. The patient rooms however have variable air volume (VAV) boxes with terminal reheat. This allows each patient to control the temperature to his or her personal comfort thus aiding in the healing process.

Hot and chilled water is supplied to the air handlers from steam heat exchangers and the central utility plant located next to the medical center. Steam provided from the utility plant is reduced from 150psi to 15psi at four locations to supply low pressure steam for hot water and humidification. The chilled water is supplied at 50.5 °F and distributed to the air handlers throughout the building.

Energy Rates

The University Medical Center of Princeton could receive natural gas and electricity from the Public Service Electric and Gas Company. Plainsboro is located in south central New Jersey which lies in the zone of PSE&G. Below are the total utility rates listed in terms of total monthly service charges and totaled per unit costs.

Gas:

Monthly Service Charge \$100.94 per Month

Distribution Charge \$0.2409 per therm for first 1,000 Distribution Charge \$0.1966 per therm after first 1,000

Electric:

Monthly Service Charge \$379.13 per Month
Distribution Charge \$0.0263 per kWh
Peak Off Season \$9.152 per kW
Peak On Season \$16.556 per kW

Using these values it becomes apparent that the cost per unit energy for natural gas is cheaper than electricity. Using the distribution cost of the first 1,000 therms, the cost per BTU is approximately \$2.409 x10⁻⁶ as compared to the distribution charge of \$7.706 x10⁻⁶ / BTU for electricity. This does not take into account the monthly service charge. Also there is no peak charge for gas, making it even cheaper per unit on a month by month basis. Therefore it would be beneficial for NRG to produce as much useful energy with natural gas.

CUP Assumptions

To reduce energy costs, the UMCP has commissioned the construction of a central utility plant. The CUP along with providing high pressure steam and chilled water will provide cogeneration of electricity. An exact list of equipment was not available for use of this report. Assumptions have been made as to the efficiencies of the equipment used to generate steam, electricity, and chilled water. Because of the electrical cogeneration and the large thermal steam load a reasonable assumption is that NRG chose to implement a topping-cycling system such as a gas combustion turbine. The gas is fired in the turbine, the exhaust is then used to generate steam; supplemental firing of the exhaust can be done to increase the steam production rate to meet peak loads. The exhaust could then be used in an absorption chiller to produce the buildings chilled water. Figure 2 below illustrates the setup of such a system by Solar without the absorption chiller.

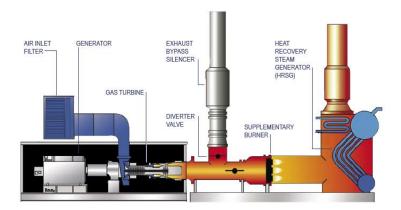


Figure 2 Combustion Gas Turbine Process Flow Diagram

An example of such a system is a Solar Mars 90 turbine. This system produces 9.5 MW and capable of producing 46.8 kpph of steam with no supplemental firing and 113.3 kpph with supplemental firing. The specific data for this system is found in Table 2 below. Rough sizing calculations can be found in Appendix A.

	So	olar Mars 9	0 Combust	ion Gas Turb	ine	
		Steam	Steam			
Fuel	Electrical	Output	Output		Thermal	Total
Input	Output	Unfired	Fired	Electrical	Efficiency	Efficiency
(MMBH)	(MW)	(kpph)	(kpph)	Efficiency	Unfired	Unfired
100.4	9.5	46.8	113.3	32%	56%	88%

Table 2 Combustion Gas Turbine Assumptions

The total building cooling load (discussed in detail later) along with the exhaust flow rates makes this system a good candidate for absorption cooling. With a cooling load of 1,431 tons, and an exhaust flow rate of 316.2 klb/hr and using the following equation the exhaust temperature can be determined.

$$Tons\ of\ cooling = m * \frac{(Tg - 375)}{40950}$$

Where m is equal to the mass flow rate and Tg is the temperature of the exhaust gas, then Tg is calculated to be approximately 560°F. Without the use of a exhaust condensing equipment, this temperature is typical to prevent condensation within the exhaust system. Therefore an absorption chiller is plausible and will continue to increase the total efficiency of the building as well as reducing emissions, energy consumption, and cost. An assumption of the chiller's efficiency must be made to aid in the calculation of annual energy costs. Table 3 below lists these values of a Broad single effect absorption chiller.

Broad Singl	e-Stage Exhaust Chiller	Absorption
Exhaust Inlet Temp (°F)	Chilled Water Outlet Temp (°F)	IPLV COP
446 - 662	> 41	0.94

Table 3 Absorption Chiller Assumptions

Heating and Cooling Loads

Heating and cooling loads were calculated using Trane Trace700. For Tech Report Three a floor-by-floor block model was used. This was proven to be a reasonable evaluation as compared to Syska Hennessay's detailed Trace simulation. However in anticipation for the necessary evaluation of each air handling unit, the block model was updated to be more detailed. The blocks within each floor were broken down into their individual rooms and assigned to the appropriate sector AHU. Each sector was then modeled to have its own air handling unit without heat recovery as well as its own heating and cooling plant. The reason for the separate plants was to get a monthly load and peak analysis for each AHU. These values where then transcribed into excel to be further evaluated. Tables 4a and 4b show the summary of the monthly energy design peaks for each roof top AHU.

				Cooling Pe	eak Load Summary B	TU by Month NO HR					
Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
0.0	0.0	15,150.1	295,427.9	1,056,181.8	1,944,629.8	2,425,106.0	2,330,958.6	1,576,697.6	527,008.8	186,130.4	0.0
0.0	0.0	20,560.9	349,535.6	1,465,235.8	2,807,106.2	2,600,198.4	3,320,046.9	2,232,482.7	726,125.0	208,855.6	0.0
0.0	0.0	6,492.9	140,680.0	767,246.8	1,599,422.9	1,947,876.3	1,846,153.9	1,210,929.8	405,807.6	112,544.0	0.0
0.0	0.0	11,903.7	222,923.6	921,994.8	1,921,904.6	2,379,655.5	2,268,193.7	1,453,332.2	501,037.1	147,172.9	0.0
0.0	0.0	16,232.3	306,249.4	1,287,762.7	2,738,930.5	3,383,894.0	3,224,817.4	2,047,434.4	706,646.2	206,691.3	0.0
0.0	0.0	6,492.9	128,776.3	640,634.9	1,349,445.4	1,670,845.0	1,587,519.2	1,016,142.1	347,371.3	102,804.6	0.0
0.0	0.0	10,821.5	189,376.9	709,892.7	1,425,196.2	1,724,952.7	1,721,706.2	1,229,326.4	473,983.2	155,830.1	0.0
0.0	0.0	0.0	53,025.5	215,348.5	785,643.4	998,827.7	874,380.0	453,422.3	231,580.8	82,243.7	0.0
_	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 15,150.1 0.0 0.0 20,560.9 0.0 0.0 6,492.9 0.0 0.0 11,903.7 0.0 0.0 16,232.3 0.0 0.0 6,492.9 0.0 0.0 10,821.5	0.0 0.0 15,150.1 295,427.9 0.0 0.0 20,560.9 349,535.6 0.0 0.0 6,492.9 140,680.0 0.0 0.0 11,903.7 222,923.6 0.0 0.0 16,232.3 306,249.4 0.0 0.0 6,492.9 128,776.3 0.0 0.0 10,821.5 189,376.9	0.0 0.0 15,150.1 295,427.9 1,056,181.8 0.0 0.0 20,560.9 349,535.6 1,465,235.8 0.0 0.0 6,492.9 140,680.0 767,246.8 0.0 0.0 11,903.7 222,923.6 921,994.8 0.0 0.0 16,232.3 306,249.4 1,287,762.7 0.0 0.0 6,492.9 128,776.3 640,634.9 0.0 0.0 10,821.5 189,376.9 709,892.7	0.0 0.0 15,150.1 295,427.9 1,056,181.8 1,944,629.8 0.0 0.0 20,560.9 349,535.6 1,465,235.8 2,807,106.2 0.0 0.0 6,492.9 140,680.0 767,246.8 1,599,422.9 0.0 0.0 11,903.7 222,923.6 921,994.8 1,921,904.6 0.0 0.0 16,232.3 306,249.4 1,287,762.7 2,738,930.5 0.0 0.0 6,492.9 128,776.3 640,634.9 1,349,445.4 0.0 0.0 10,821.5 189,376.9 709,892.7 1,425,196.2	0.0 0.0 15,150.1 295,427.9 1,056,181.8 1,944,629.8 2,425,106.0 0.0 0.0 20,560.9 349,535.6 1,456,235.8 2,807,106.2 2,600,198.4 0.0 0.0 6,492.9 140,680.0 767,246.8 1,599,422.9 1,947,876.3 0.0 0.0 11,903.7 222,923.6 921,994.8 1,921,904.6 2,379,655.5 0.0 0.0 16,232.3 306,249.4 1,287,762.7 2,738,930.5 3,383,894.0 0.0 0.0 6,492.9 128,776.3 640,634.9 1,349,445.4 1,670,845.0 0.0 0.0 10,821.5 189,376.9 708,892.7 1,425,196.2 1,724,952.7	0.0 0.0 15,150.1 295,427.9 1,056,181.8 1,944,629.8 2,425,106.0 2,330,958.6 0.0 0.0 20,560.9 349,535.6 1,465,235.8 2,807,106.2 2,600,198.4 3,320,046.9 0.0 0.0 6,492.9 140,680.0 767,246.8 1,599,422.9 1,947,876.3 1,846,153.9 0.0 0.0 11,903.7 222,923.6 921,994.8 1,921,904.6 2,379,655.5 2,268,193.7 0.0 0.0 16,232.3 306,249.4 1,287,762.7 2,738,930.5 3,383,894.0 3,224,817.4 0.0 0.0 6,492.9 128,776.3 640,634.9 1,349,445.4 1,670,845.0 1,587,519.2 0.0 0.0 10,821.5 189,376.9 709,892.7 1,425,196.2 1,724,952.7 1,721,706.2	0.0 0.0 15,150.1 295,427.9 1,056,181.8 1,944,629.8 2,425,106.0 2,330,958.6 1,576,697.6 0.0 0.0 20,560.9 349,535.6 1,465,235.8 2,807,106.2 2,600,198.4 3,320,046.9 2,232,482.7 0.0 0.0 6,492.9 140,680.0 767,246.8 1,599,422.9 1,947,876.3 1,846,153.9 1,210,929.8 0.0 0.0 11,903.7 222,923.6 921,994.8 1,921,904.6 2,379,655.5 2,268,193.7 1,453,332.2 0.0 0.0 16,232.3 306,249.4 1,287,762.7 2,738,930.5 3,383,894.0 3,224,817.4 2,047,434.4 0.0 0.0 6,492.9 128,776.3 640,634.9 1,349,445.4 1,670,845.0 1,587,519.2 1,016,142.1 0.0 0.0 10,821.5 189,376.9 709,892.7 1,425,196.2 1,724,952.7 1,721,706.2 1,229,326.4	0.0 0.0 15,150.1 295,427.9 1,056,181.8 1,944,629.8 2,425,106.0 2,330,958.6 1,576,697.6 527,008.8 0.0 0.0 20,560.9 349,535.6 1,465,235.8 2,807,106.2 2,600,198.4 3,320,046.9 2,232,482.7 726,125.0 0.0 0.0 6,492.9 140,680.0 767,246.8 1,599,422.9 1,947,876.3 1,846,153.9 1,210,929.8 405,807.6 0.0 0.0 11,903.7 222,923.6 921,994.8 1,921,904.6 2,379,655.5 2,268,193.7 1,453,332.2 501,037.1 0.0 0.0 16,232.3 306,249.4 1,287,762.7 2,738,930.5 3,383,894.0 3,224,817.4 2,047,434.4 706,646.2 0.0 0.0 6,492.9 128,776.3 640,634.9 1,349,445.4 1,670,845.0 1,587,519.2 1,06,142.1 347,371.3 0.0 0.0 10,821.5 189,376.9 708,892.7 1,425,196.2 1,724,952.7 1,721,706.2 1,229,326.4 473,983.2	0.0 0.0 15,150.1 295,427.9 1,056,181.8 1,944,629.8 2,425,106.0 2,330,958.6 1,576,697.6 527,008.8 186,130.4 0.0 0.0 20,560.9 349,535.6 1,465,235.8 2,807,106.2 2,600,198.4 3,320,046.9 2,232,482.7 726,125.0 208,855.6 0.0 0.0 6,492.9 140,680.0 767,246.8 1,594,094.6 2,379,655.5 2,268,193.7 1,453,332.2 501,037.1 147,172.9 0.0 0.0 16,232.3 306,249.4 1,287,762.7 2,738,930.5 3,383,894.0 3,224,817.4 2,047,434.4 706,646.2 206,691.3 0.0 0.0 6,492.9 128,776.3 640,634.9 1,349,445.4 1,670,845.0 1,587,519.2 1,016,142.1 347,371.3 102,804.6 0.0 0.0 10,821.5 189,376.9 709,892.7 1,425,196.2 1,724,952.7 1,721,706.2 1,229,326.4 473,983.2 155,830.1

Table 4a Monthly Cooling Peak Loads by AHU

					Heating Peak (Output Summary BT	U/hr by Month NO	HR				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
AHU 7	1,491,070.0	1,457,750.0	1,124,550.0	816,340.0	458,150.0	408,170.0	399,840.0	399,840.0	408,170.0	658,070.0	857,990.0	1,274,490.0
AHU 8	1,940,890.0	1,890,910.0	1,466,080.0	1,049,580.0	599,760.0	516,460.0	508,130.0	516,460.0	549,780.0	857,990.0	1,124,550.0	1,657,670.0
AHU 9	1,124,550.0	1,074,570.0	857,990.0	633,080.0	349,860.0	316,540.0	308,210.0	308,210.0	316,540.0	483,140.0	649,740.0	957,950.0
AHU 10	1,357,790.0	1,307,810.0	1,024,590.0	741,370.0	416,500.0	358,190.0	349,860.0	349,860.0	383,180.0	599,760.0	774,690.0	1,149,540.0
AHU 11	1,965,880.0	1,907,570.0	1,482,740.0	1,007,930.0	624,750.0	549,780.0	541,450.0	549,780.0	566,440.0	866,320.0	1,149,540.0	1,690,990.0
AHU 12	999,600.0	949,620.0	741,370.0	541,450.0	308,210.0	258,230.0	258,230.0	258,230.0	266,560.0	424,830.0	566,440.0	841,330.0
AHU 13	1,024,590.0	999,600.0	774,690.0	558,110.0	324,870.0	291,550.0	274,890.0	274,890.0	283,220.0	433,160.0	574,770.0	866,320.0
AHU 14	633,080.0	583,100.0	449,820.0	324,870.0	233,240.0	141,610.0	141,610.0	141,610.0	149,940.0	224,910.0	324,870.0	524,790.0
Total	10 527 450 0	10 170 020 0	7 021 920 0	E 672 720 0	2 215 240 0	2 040 520 0	2 702 220 0	2 700 000 0	2 022 920 0	4 E 49 190 0	6.022.500.0	6 0E3 080 0

Table 4b Monthly Heating Peak Loads by AHU

Appendix B contains all of the constituent tables showing the floor by floor monthly breakdown for each AHU. As seen in Table 4a, the cooling loads are only from March through November. The cooling peak design load is 17,173.8 MBH or 1,431 Tons of refrigeration. Table 4b shows that there is a heating load twelve months out of the year. This is because of the terminal reheat in all of the VAV and CAV boxes. The supply air from the AHU is set to be 50.5 °F to ensure that the operating rooms can easily be kept at the design set point of 68°F with a reasonable relative humidity. The peak design heating value is 10,537.5 MBH.

Base Energy Consumption

To calculate a payback period whether simple or discounted one must know three things. The first is the amount of energy consumed in a year. The second is the efficiencies of the equipment used to generate the useful product consumed. The final piece of the puzzle is to know the price for one unit of the fuel and the equipment costs. The utility rates from the Public Service Electric and Gas Company are listed above. Having the assumption of what equipment is being used; it is then possible to determine the second piece to this puzzle of the equipment efficiencies.

To know the energy consumed by the building annually for heating and cooling there are two methods that can be performed. The simplest and probably the least accurate would be to take the peak design load for the year and multiply by the appropriate number of hours. This would grossly overestimate the value because the building rarely uses the peak amount of energy for extended periods of time. The second method is to use a program such as Trane Trace700 to export the total monthly energy consumption and peak values. For this report the second method will be used.

The monthly total energy consumption by the heating and cooling plant for each floor were exported from Trace and then transcribed into Excel. The raw data entries can be found in Appendix B; below in tables 5a and 5b are the monthly totals for each AHU. Table 5a shows the energy input into the absorption chiller defined above using the equation: $E_{in \ absorption \ chiller} = E_{consumed \ by \ building} / COP_{absorption \ chiller}$.

	Jan.											
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
HU 7	0.0	0.0	16,117.2	38,788,295.1	238,218,821.4	771,730,850.8	1,104,630,043.6	1,089,340,596.3	558,748,078.9	119,797,844.5	16,483,269.8	0.0
HU 8	0.0	0.0	21,873.3	47,391,415.3	320,351,968.5	1,101,994,884.7	1,587,611,261.3	1,558,809,861.4	790,351,949.3	154,052,607.2	16,303,678.4	0.0
HU 9	0.0	0.0	6,907.4	17,411,158.8	169,995,951.5	636,049,525.8	913,090,027.9	888,521,690.1	445,645,771.3	89,492,942.0	9,746,288.7	0.0
HU 10	0.0	0.0	12,663.5	29,511,707.0	213,812,806.6	760,857,510.7	1,096,368,837.8	1,071,966,276.7	537,826,828.6	109,726,909.7	11,893,327.3	0.0
HU 11	0.0	0.0	17,268.4	40,227,329.0	305,940,907.5	1,089,872,463.2	1,568,210,782.0	1,534,109,132.5	772,526,348.7	155,232,615.0	16,757,261.8	0.0
HU 12	0.0	0.0	6,907.4	17,880,859.5	146,422,273.9	536,595,015.6	771,543,200.8	751,424,355.7	374,984,602.3	78,398,566.3	8,689,462.2	0.0
HU 13	0.0	0.0	11,512.3	26,076,445.3	165,729,503.8	562,347,966.1	765,609,776.2	802,132,456.4	477,012,105.2	141,017,262.7	21,260,862.3	0.0
HU 14	0.0	0.0	0.0	4,496,693.1	48,586,389.0	297,002,780.2	442,428,091.5	405,454,130.3	165,781,309.1	61,154,335.4	8,307,254.8	0.0

Table 5a Monthly Energy Consumed by the Absorption Chiller in BTU/hr

				неа	iting Monthly Cons	umption of GC1 for	Steam (BTU) Sumi	nary NO HK				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
AHU 7	1,587,370,750	1,366,551,375	1,029,974,750	691,166,875	527,155,125	471,686,250	474,839,750	479,406,375	479,108,875	595,490,875	723,639,000	1,293,321,750
AHU 8	2,066,390,375	1,780,611,875	1,343,004,250	904,682,625	695,227,750	629,242,250	636,174,000	638,643,250	630,997,500	776,088,250	939,862,000	1,681,960,875
AHU 9	1,206,585,625	1,014,683,250	781,904,375	537,032,125	409,717,000	367,472,000	369,911,500	371,666,750	368,706,625	446,562,375	540,319,500	978,923,750
AHU 10	1,436,746,500	1,228,883,250	929,211,500	625,969,750	476,029,750	421,304,625	421,780,625	423,451,088	421,349,250	525,087,500	641,484,375	1,165,515,750
AHU 11	2,110,494,750	1,801,243,500	1,377,811,750	941,126,375	725,543,000	651,391,125	656,180,875	659,661,625	654,574,375	800,334,500	964,896,625	1,719,847,500
AHU 12	1,049,446,125	886,966,500	672,379,750	450,712,500	334,538,750	288,009,750	286,254,500	291,579,750	297,262,000	375,876,375	463,400,875	849,972,375
AHU 13	1,081,338,125	935,741,625	706,830,250	477,561,875	367,962,875	326,788,875	327,978,875	330,567,125	330,909,250	400,732,500	484,151,500	883,485,750
AHU 14	681,825,375	548,709,000	411,814,375	270,249,000	215,702,375	176,149,750	180,047,000	181,489,875	179,407,375	208,874,750	263,213,125	535,529,750
				7			7.5	27				
Total	11,220,197,625	9,563,390,375	7,252,931,000	4,898,501,125	3,751,876,625	3,332,044,625	3,353,167,125	3,376,465,838	3,362,315,250	4,129,047,125	5,020,967,000	9,108,557,500

Table 5b Monthly Energy Consumed by the Combustion Gas Turbine in BTU

The values in table 5b were calculated in a very similar way to that of table 5a. The energy consumption of the gas fired boiler in therms of gas were converted to BTU output of the boiler and then adjusted for the efficiency of the combustion gas turbine without supplemental firing. The supplemental firing will increase the thermal efficiency of the system as well as the total efficiency because it will make better use of the fuel entering the system.

The absorption chiller uses energy that would have been wasted. After leaving the steam generator, the exhaust with no further treatment can easily be designed to be 560°F. At this temperature the cooling load of the building can be met by use of four absorption chillers. Therefore there is no cost to produce the chilled water. Because there is a steam load year round there will always be exhaust to power the absorption chiller. Therefore my only energy cost is that to produce the steam for heating.

To calculate the cost to generate the steam to heat the building is simple. Take the energy requirement to generate the steam and using the conversion of 100,000 BTU/Therm of natural gas, the volume is determined. This value is then multiplied by the cost per therm. This must be done on a month to month basis because there are two rates for monthly gas consumption. The detailed calculations can be found in Appendix C. Table 6a summarizes these calculations.

Heating Na	tural Gas Cost S	Summary
Steam Energy	Natural Gas	
Requirement	Consumption	Total Cost
(MMBTU)	(Therms)	(\$)
68,369.50	683,695	\$134,946

Table 6a Natural Gas Cost for Building Heating

Although the absorption chillers operate off of waste heat, assuming that chilled water is free creates a problem when comparing different systems. Therefore it will be assumed that the remaining energy in the exhaust (about 12% without supplemental firing) is not free. To evaluate the cooling costs given the data in table 5a, the efficiency of the exhaust gas generation must be accounted for. Therefore each monthly value will be divided by this 12% efficiency and then converted to therms of natural gas and finally to a dollar amount. These monthly calculations are also in Appendix C. A summary is shown below in table 6b.

Chilled	l Water Natural	Gas "Cost" Sur	nmary
Chilled			
Water			
Energy	Natural Gas	Natural Gas	
Requirement	Consumption	Consumption	Total Cost
(MMBTUH)	(MMBTUH)	(Therms)	(\$)
29,079.8	242331.9	2,423,319	\$476,779

Table 6b Natural Gas "Cost" for Building Chilled Water Cooling

The total costs of natural gas for heating and cooling with no heat recovery will be the baseline for comparison. Throughout the remainder of this report these costs will be used to analyze the payback of the alternative systems including the current heat recovery design by Syska Hennessy.

Current Heat Recovery System

In keeping with the design initiative to be environmentally responsible, the Princeton Healthcare Systems decided to implement an energy recovery system. Syska Hannessy chose to use a runaround heat recovery system with a 30% propylene glycol solution. This system takes advantage of the sensible heat being released into the environment via the exhaust air.

The runaround heat recovery system is a series of heat exchangers in parallel. Figure 3 below is a simplified single line diagram. The entire system can be broken into three parts. The first is the heat recovery units. These are simply the exhaust fan units with an air to water heat exchanger inside that transfers some of the sensible energy to the glycol fluid or visa versa in the summer months. Each heat recovery unit connects in parallel with the others feeding into a common water line. The second part is the circulation equipment. There are two pumps each sized to handle the full flow of 900 gpm as a redundancy precaution. The glycol solution then continues onto the third part, the air handling units. These units are also connected in parallel. The fluid then cycles back to the heat recovery units.

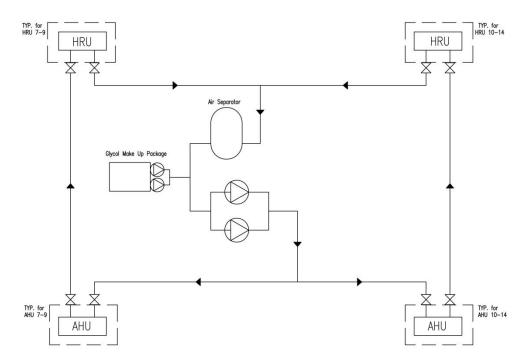


Figure 3 Simplified Single Line Diagram of the Current Heat Recovery System

Air handling units 7-14 are equipped with a heat recovery coil that is supplied with the propylene glycol solution. The heat recovery coil is the first coil that incoming air crosses and functions as a "preheating" or "precooling" coil for that air handling unit. The basic idea is that by "preheating" or "precooling" the air will save energy by reducing the load on the actual heating and cooling coils. Figure 4 shows a typical cross section for air handlers 7-14.

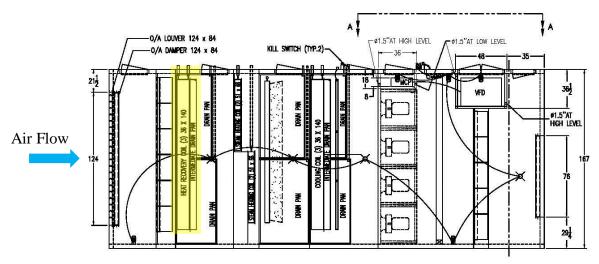


Figure 4 Typical Plan View of Air Handling Unit with Heat Recovery Coil

In order to estimate the amount of energy saved by the runaround heat recovery system some interesting tactics were used. The Trace model that was used to generate the data to estimate the base energy consumptions contained no heat recovery. To make sure that all of the conditions remained the same except for the addition of a heat recovery system an alternative model was created. The new alternative was duplicated from the first but the new system included a coil loop energy recovery setting. The specifics of the settings are listed below.

Type: Coil Loop (outdoor air preconditioning)

Supply-side deck: Ventilation upstream Exhaust-side deck: System exhaust

The monthly plant energy consumption was again exported from Trace and transcribed into excel in the same manner as before. See Appendix D for the constituent tables. Below in tables 7a and 7b are the summary results for the monthly energy consumption of the combustion gas turbine and the absorption chillers for each AHU.

	Energy Consumption by Absorption Chiller WITH HR (BTU/hr)											
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
HU 7	0	0	16,117	39,445,646	241,888,933	761,195,971	1,083,438,255	1,075,144,815	559,589,626	123,108,774	17,467,569	0
HU 8	0	0	44,898	49,777,909	324,855,569	1,079,232,822	1,528,201,035	1,513,735,866	786,117,736	161,618,472	17,849,776	0
AHU 9	0	0	13,815	18,569,293	174,090,866	624,481,996	884,572,981	868,316,503	445,389,048	94,470,848	10,836,501	0
AHU 10	0	0	26,478	31,444,617	219,496,415	751,699,499	1,065,606,898	1,051,175,115	540,270,884	115,329,932	13,151,619	0
AHU 11	0	0	35,688	42,634,545	308,556,496	1,055,646,481	1,495,336,955	1,475,676,298	760,969,180	160,446,523	18,282,638	0
HU 12	0	0	16,117	20,130,357	150,331,841	514,694,071	724,991,030	718,338,089	370,051,594	81,170,721	9,734,776	0
NHU 13	0	0	25,327	27,448,708	167,458,647	549,837,581	736,393,935	774,606,616	469,372,562	143,480,889	22,907,117	0
AHU 14	0	0	0	4,635,992	49,006,587	290,003,319	430,158,313	397,464,614	166,352,318	61,249,887	8,563,978	0
otal	0	0	178,440	234,087,067	1,635,685,354	5,626,791,741	7,948,699,401	7,874,457,916	4,098,112,947	940,876,045	118,793,974	0

Table 7a Energy Consumption by Absorption Chiller with Heat Recovery

				Heat	ting Monthly Consu	imption of GCT for	Steam (BTU) Sumn	nary with HR				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
AHU 7	940,650,375	840,809,375	680,337,875	541,271,500	507,535,000	463,653,750	467,268,375	475,196,750	476,654,500	553,260,750	582,341,375	780,178,875
AHU 8	958,515,250	818,645,625	736,520,750	670,163,375	666,593,375	614,307,750	621,789,875	628,870,375	623,827,750	668,378,375	659,200,500	798,207,375
AHU 9	565,517,750	476,401,625	438,782,750	400,211,875	395,262,963	360,436,125	363,411,125	368,557,875	367,323,250	395,689,875	391,777,750	472,340,750
AHU 10	666,638,000	568,106,000	513,291,625	467,015,500	458,521,875	414,878,625	416,128,125	422,048,375	421,869,875	458,283,875	454,743,625	553,573,125
AHU 11	1,014,356,000	854,658,000	760,871,125	687,924,125	679,281,750	620,510,625	625,449,125	634,210,500	633,243,625	685,083,000	678,865,250	835,722,125
AHU 12	489,090,000	410,564,875	364,154,875	328,469,750	316,287,125	279,025,250	277,403,875	284,633,125	291,490,500	326,074,875	328,960,625	404,451,250
AHU 13	517,248,375	440,181,000	388,639,125	350,291,375	343,523,250	310,798,250	311,928,750	316,644,125	319,470,375	343,017,500	347,033,750	427,819,875
AHU 14	327,874,750	256,965,625	211,477,875	179,600,750	182,650,125	170,571,625	174,290,375	175,703,500	173,769,750	182,679,875	179,853,625	248,903,375
	E 120 000 500	1 000 000 100		0.001.010.000	2 5 40 655 460	0.001.100.000		2 225 254 525	0.000.010.000	0.610.160.100	0.000 000 000	1 501 101 550

Table 7b Energy Consumption by Combustion Gas Turbine with Heat Recovery

Note that comparing the values in table 7a to tables 5a, some of the numbers are smaller and some are larger. This may seem counter intuitive because the heat recovery should be decreasing all of the loads. Upon further inspection it can be seen that for the Heating Monthly Consumption in all 12 months, the consumed energy is always lower with the heat recovery system.

One of the reasons for the increase in certain monthly cooling energy consumption is caused by the outside air temperature. During the spring and fall months the outside air temperature will be very close to the supply air set point, therefore requiring very little cooling energy for that month. However the heat recovery system is not temperature modulated and has the same temperature heat sink year round (the exhaust air). Therefore the heat recovery system heats the intake air thus requiring it to then be cooled back down.

Heating Natural Gas Cost Summary with HR						
Steam Energy	Natural Gas					
Requirement	Consumption					
(MMBTU)	(Therms)	Total Cost (\$)				
46,276.70	462,767	\$91,512				

Table 8a Natural Gas Cost of Building Heating with Heat Recovery

Table 8a is the summary of the natural gas consumption in MMBTU, Therms, and dollars. Here it is very clear that the heat recovery system is saving heating energy and reducing the amount of natural gas. Below in Table 8b is the summary of the cost for the absorption chiller. These numbers were found using the same method as used to define the baseline gas consumption previously.

Chilled Water Natural Gas "Cost" Summary with HR							
Chilled							
Water							
Energy	Natural Gas	Natural Gas					
Requirement	Consumption	Consumption	Total Cost				
(MMBTUH)	(MMBTUH)	(Therms)	(\$)				
28,477.7	237,314	2,373,140	\$466,914				

Table 8b Natural Gas "Cost" of Building Chilled Water Cooling

The evaluation of the effectiveness of this system will be a little skewed at this point. Because the absorption chiller is running off essentially free energy, no alternative system will pay off unless it produces more energy without any increased capital or operation costs. This is why the natural gas "costs" where calculated, as a means of comparison. Although the dollar costs are sky high, the percent savings will be close. The calculations for the simple payback are skewed in favor of the system by reducing the number of years to pay off the additional investment. Although this may be the case, it still provides a relative means of comparison between systems.

The years to pay off were calculated for the runaround glycol heat recovery system. Using the simple payback equation $SPB = \frac{\Delta I_o}{S_o}$ where ΔI_o is the additional capital investment and S_o is the first year savings, it was determined that it will take approximately 29 years to pay off. In other words, after 29 years, the savings in natural gas will pay for the additional capital investment. Table 9 below summarizes the calculation, note that the savings from heating and cooling must be added; this is because the heat recovery system has one capitol cost and two fuel cost benefits.

	Simple Payback of Runaround Glycol Heat Recovery System										
	NG NG										
NG Cost	NG Cost	Heating		NG Cost	NG Cost	Cooling		Total		Additional	Simple
Heating	Heating	Cost		Cooling	Cooling	Cost		Cost		Capital	Payback
No HR	with HR	Savings		No HR	with HR	Savings		Savings		Investment	(years)
\$134,946	\$91,512	\$43,434		\$476,779	\$466,914	\$9,865		\$53,299		\$1,233,000	23

Table 9 Simple Payback for Runaround Glycol Heat Recovery System

Because the payback is over 20 years, it would be more accurate to calculate a discounted payback; this method takes into account for inflation as well as the predicted change in future fuel costs. However, with the artificial cost of producing the chilled water, it would be pointless. The payback is not to be taken as a definite number but rather as a means to relatively compare systems.

Proposed Alternatives

While the University Medical Center already has a system to provide energy savings, it was a primary goal to attempt to further reduce energy consumption in one way or another. Many ideas were considered; each idea was then evaluated against the design objectives and requirements of Princeton Healthcare Systems. Although it is clear that some of the proposals could provide a large decrease in energy costs, if it was against one of the design objectives it was not pursued.

Economizer

A common way to reduce energy consumption for building HVAC systems is to reduce the amount of air that needs conditioning. This is sometimes done by implementing a dedicated outdoor air system, or reusing some of the exhaust air. By simply recirculating some of the building air that is already conditioned the energy costs can drop significantly, especially during the winter and summer months. It was determined using ASHRAE standard 62.2 that the max amount of ventilation air required for the hospital is less than 30%. By implementing an economizer, this system now becomes "smarter" and will adjust the amount of recirculated air between 0% and 70% to reduce the conditioning energy during the fall and spring. This system creates a very large health risk in that any contaminants or micro-organisms in the return air will be distributed through the rest of the rooms supplied by that air handler. Therefore this idea was not perused on grounds of not meeting the Princeton Healthcare Systems requirements to provide a healthy indoor environment.

Heat and Enthalpy Wheel

Another initial idea to decrease energy consumption is to implement a heat recovery wheel; this idea was dismissed because of a few minor issues. The wheel is benefitial because it not only transfers heat efficiently, but it can also transfers enthalpy. The first issue with this system deals with air contamination. The University Medical Center of Princeton is dedicated to providing the healthiest environment possible. Because of the mechanisms of a recovery wheel there is a possibility that contaminants in the exhaust air could leak into the intake. This presents a potential health risk for building occupants, especially from the exhaust air leaving imaging and operating rooms. The other downside to the recovery wheel is that there is a need for considerable duct work across the roof to allow the air flows to cross. Again this system does not comply with the design goals for the University Medical Center of Princeton and was not perused.

Water Source Heat Pump

A third alternative considered was a water source heat pump. Because of the Carnegie Lake nearby, it possible to use it as a source for chilled water either by pulling the cool lake water into the building or circulating a refrigerant and using the lake as a heat sink. The downside to this system is the location. The winter causes the lake to become very cold creating and creates a risk of freezing the equipment. Also the near freezing water would not be as useful in the winter when the outside air would need heated rather than cooled. This idea was thought to be impractical for the location, but in warmer climates this could prove to be very beneficial.

Ground Source Heat Pump

Energy conservation has been implemented with heat recovery units, an alternative could be ground source heat pumps. By implementing a series of deep wells on the 171 acre health care campus, it may be possible to supplement the energy consumption comparably to the heat recovery units. The benefits of the ground source heat pump are similar to the heat recovery units in that it will reduce the cooling energy needed in the summer and the heating energy in the winter. This system is very similar to the current heat recovery because it uses fluid in a closed loop system to put energy into or take out of the outside air. There is no increased risk of contamination and therefore meets the design objectives of the hospital. Also this system requires almost no change to the current air handler units. Because the ground source heat pump system uses a water refrigerant, the heat recovery coils already within the AHU can be reused.

I chose to evaluate the ground source heat pump alternative to the glycol heat recovery units. I feel that the GSHP will be the healthier and more practical of the other listed alternatives. I am also curious as to how the heat pump will compare the runaround energy recovery system (call it educational inquiry).

A few simple tasks will be performed to compare the ground source heat pump system to the current heat recovery system. First the GSHP system must be designed; this includes the following steps:

- Size the Heat Pumps and place them inside the building
- Size and Design the plumbing layout for the load side of the system
- Size and Design the well field

- Size circulation pumps and expansion tanks
- Provide appropriate power distribution equipment for heat pumps

After the system is designed it will be evaluated the same way the runaround heat recovery system was. The final result will again be a number of years expressing a simple payback.

Microsteam Power System

As an additional investigation, microsteam turbines will be considered. The central utility plant provides high pressure steam which must be reduced to a lower pressure for use in much of the building equipment. Currently this is accomplished with a number of pressure reducing valve stations. I will explore replacing these pressure reducing valve stations with Microsteam Power Systems by Carrier. These systems will take the 150 psi steam and reduce it to 15 psi by doing work. Each system is capable of producing around 275kW of electricity. This electricity will then be used to offset electricity usage of the building.

Ground Source Heat Pump System

The function of a ground source heat pump system is very simple when broken down into its parts. It is essential to have a decent understanding of how the system works before trying to create a functional design. Research was done by reading many helpful manuals and design booklets such as the McQuay Geothermal Heat Pump Design Manual.

Basics of a GSHP Design

The first part to understand is the source loop. This is what provides the heat sink for the heat pump. There are many types of source loop options such as a vertical well field, a horizontal well field, water surface, and even types of open water systems. As discussed earlier, a water surface closed loop system is not practical because of the freezing winter temperatures. An open loop system with ground water could be considered, but because of the size of the hospital a large amount of water would be needed and this could cause an environmental issues. Because of the large lot of land the hospital sits on a horizontal field would work very well. A vertical well field would also work, and would allow much of the land to be undisturbed and allow for additional development in the future.

There are a couple types of heat pumps and selecting the appropriate one for an application is very important. Understanding the load side (the third part) is essential in deciding which type of heat pump to choose. One type of heat pump is a water-to-air configuration; this is where the heat pump cools or heats the air using the water from the source loop. This type of system is very good when trying to move air directly into a space. Another version of this is a water-to-water heat pump. This is where the heat pump heats or cools water to be used in another piece of equipment process. Because the goal is to use the heat pump to provide hot or cold water to the air handling units for heating and cooling the air, it is logical to select a water-to-water heat pump.

Selecting a GSHP

To begin the design process the goal for the heating and cooling loads must be known. The goal is to replace the current heat recovery system; therefore it is best to determine the amount of energy savings provided by the current heat recovery system. This has already been done to determine the cost reduction for the runaround glycol system. The difference between the energy peak loads of the base system and then with the runaround heat recovery system is the energy savings of the recovery system. This was accomplished by finding the peak monthly load from tables 5a and 5b and subtracting the peak monthly values from 7a and 7b respectively. See table 10 below for the details.

	Peak Heating and Cooling Savings from HR								
	Heating				Cooling				
Heating	Peak			Cooling	Peak				
Peak	Load	Peak		Peak	Load	Peak			
Load	with	Savings		Load	with	Savings			
no HR	HR	of HR		no HR	HR	of HR			
(MBH)	(MBH)	(MBH)		(Tons)	(Tons)	(Tons)			
10,537	5,431	5,106		1,431	1,424	7			

Table 10 Peak Savings from the use of the Heat Recovery System

These peak energy savings are the design loads to cover the heating and precooling effect of the runaround heat recovery system.

To size for the 7 ton cooling capacity, a small heat pump would work great. Using Carrier heat pumps a small 8 ton unit could be used. This unit has a load coil flow rate of 15 gpm. The source loop entering water temperature is 60° F and the leaving water temperature for the load side can range from 36 to 72° F. To integrate the heat pump into the existing coils, it must be determined that the water flow rates are similar and to get the same energy savings the water temperature must be the same or very close. An analysis of the current water flow data for the heat recovery units is summarized in table 11 below. This table gives the detailed coil data for the heat recovery coil such as water flow rate, entering and leaving water temperature, air flow rate, and surface area. This data was taken from the approved submittals for the construction process.

	Heat Recovery Coil Details						
		Winter Entering	Summer				
		Water	Entering Water	Air Flow			
	Water Flow	Temperature	Temperature	Rate	Face Area		
AHU	Rate (gpm)	(°F)	(°F)	(CFM)	(SF)		
7	123	61.1	82.2	46000	105		
8	120	62.5	81.7	50000	116.25		
9	101	58.6	83.1	35000	79.15		
10	110	60.3	82.5	42000	95.81		
11	121	61.2	82.2	50000	116.25		
12	95	58.5	83.1	30000	70		
13	95	58.5	83.1	30000	70		
14	96	54.5	84.1	20000	48.75		

Table 11 Heat Recovery Coil Data

The coils are connected in parallel; therefore the flow rates must be added to determine the total flow requirement. The total is 861 gpm. To determine the entering water temperature for the winter the maximum temperature is shown as 62.5°F, the entering water temperature for the summer is the minimum of 81.7°F.

Considering these design criteria it is determined that the leaving water temperature from the 8 ton heat pump would be adequate at 73°F. However the load side flow rate of 15 gpm would not fulfill the flow rates needed to maintain the same 7 tons of peak load reduction. Therefore it is logical to begin to design for the flow rate. These calculations can be found in Appendix E along with the data sheet highlighting the selected heat pump.

The largest load side flow rate for the Carrier heat pumps is 70 gpm. This is still far from the desired 861gpm. Therefore, the simple solution is to use a number of these heat pumps in parallel. 861gpm divided by 70gpm per heat pump is 12.3 heat pumps. Therefore 13 heat pumps in parallel will suffice. The reason for choosing the largest flow rate is that the efficiency of the large tonnage heat pump is higher, and the higher the flow rate the more efficient. Following the calculations in Appendix E shows that 13 of these heat pumps will provide a peak load of 374.6 Tons. This results in 53 times more cooling energy.

On the heating side, the peak design value is 5,106 MBTUH. The heat output of the heat pump at 70 gpm load side with a leaving water temperature of 89.2°F is 323 MTUH. This would require about 16 heat pumps. The decision was made to only use the 13 heat pumps to size for the flow rate and accept the increase in cooling and the decrease in heating.

Sizing the Ground Heat Exchanger

The next step is to size the ground source heat exchanger. By using the equation below the total length of vertical wells was determined.

$$L_c = q_{d cool} \left(\frac{\frac{COPc + 1}{COPc} (Rp + Rs x Fc)}{(Tewt \max - Tgmax)} \right)$$

Again the calculation details are contained within Appendix E. Using the cooling capacity for one heat pump it is determined that 25,637 feet is required. This number may seem to be large for only 30 Tons of capacity. This is because the water temperature going into the ground is so close to the ground temperature. It is a basic understanding that the closer the temperatures the smaller the delta T and therefor slows the heat transfer rate. This means that to shed the same amount of energy over a smaller delta T the length of the heat exchanger must be much longer.

Because of the long ground heat exchanger it was advantageous to determine the amount of heating capacity capable with bypassing the heat pump. In order to do this, a very similar equation to the one above was used and solved for $q_{d\ heat}$. The details for this calculation are also shown in Appendix E. It is determined that the heating capacity is 8,008 MBTUH well over the goal of 5,106 MNBTUH. The entering water temperature would even be approximately 60° F. The flow rate can be the same if the ground loop is sized for the 70 gpm flow rate on the source side.

To use the heat pump for cooling and only use the ground heat exchanger for the heating some system adjustments must be made. The basic idea is to bypass heat pumps for the heating season. This can be done by connecting the load loop and source loop together and using a specific layout of valves. To demonstrate this, a single line diagram was produced and can be seen in full in Appendix F but for quick reference is shown below in figure 5.

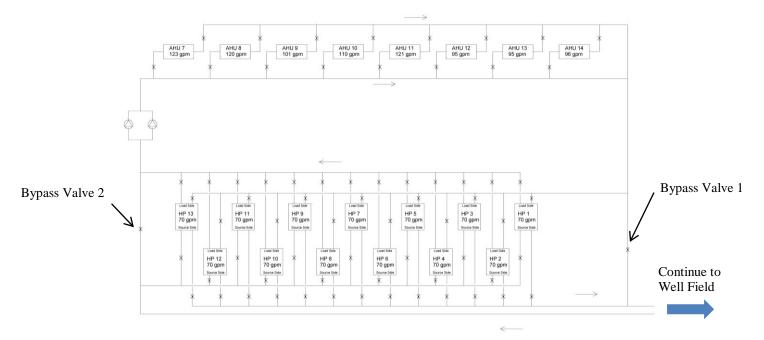


Figure 5 Single Line Diagram of Load Side and Heat Pump Configuration

Note how each AHU is in parallel and is therefore distributed with approximately equal temperature fluid. The heat pumps are also in parallel for both the source and load loops. Each piece of equipment is accompanied by a set of isolation valves. These valves provide a shut off point to all water entering and leaving for servicing or replacement procedures. There are two pumps shown in parallel as well, each pump is sized to meet the full system load as a redundancy measure.

During summer operation when the heat pumps are in used, the two bypass valves would remain closed. For the winter operation the bypass valves would be opened and each isolation valve for the heat pumps would be closed. This scheme would force the water flowing from the AHUs directly into the ground wells and then back into the AHUs. The main lines are 8 inch steel pipe, the lines feeding into each air handling unit are 4 inches, and the lines leading into each heat pump are 3 inch.

Room Layout

An important part of any building design is making sure that everything can fit within. That is also true with mechanical equipment. Because the heat pumps must be connected to a ground loop system and are not design to be outdoors it was decided to place them in a room on the lower level. Fortunately there was a vacant room on the eastern side of the building. A layout of the 13 heat pumps within this rooms with proper maintenance clearances was created in cad and can been seen both in figure 6 below and much larger in Appendix G.

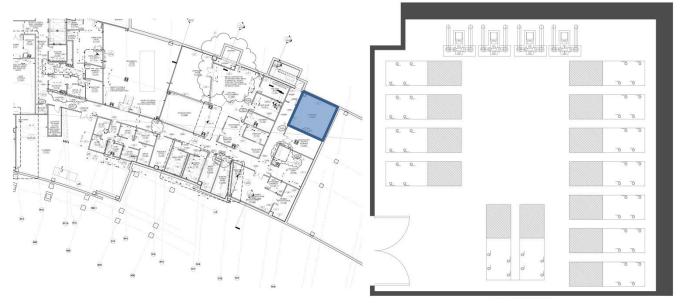




Figure 6 Location of the Available Room and the Layout of the Heat Pumps within

Well Field Layout

Next the well field had to be laid out and the lines sized. Knowing that the total length of the wells needs to be 333,281feet and using a well depth of 300 feet there needs to be 1,111 wells. Using a 15 foot separation between well dictates and area of approximately a 500' X 500'. Looking at the site map it was determined that the well field would not fit between the east side of the hospital and the existing road. The next best place is to extend the feeders from the building across the road and into a non-developed area. This diagram was too large to include within this portion of the report and can be viewed in Appendix G.

The next important step is to determine the path of the water through the well field. This became a bit tricky. It is common to have all the wells in parallel; this did not work well because of the large number of well required. Because the 900 gallons per minute would be split between 1,111 wells the total flow rate through each well would be about 0.8 gpm. This flow rate is so low that it would require a ¼ inch plastic pipe. This is undesirable because it drastically reduces the available surface area for heat transfer to the ground. Another option is to have all the wells in series. This would require an 8 inch plastic line to run through every well; this is also undesirable because of the increase cost for pipe as well as the increase radius needed. The solution is to have 101 sets of 11 wells in series. This means the 900 gpm is divided into 101 groups of wells each receiving 9gpm. This larger flow rate allows for a 1-1/2 inch plastic line to be used within the wells. This configuration though unusual not only provides the appropriate length of wells required but also helps to maximize the face area for heat transfer. Figure 7 below shows a small section of two set of 11 wells off the main feeder. A larger section of the field layout can be found in Appendix G.

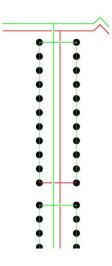


Figure 7 Two Set of Ground Wells in Series

The Green line is the supply and the red line is the return. The 11 wells are connected in series therefore the temperature drop from one well to the next will only be a fraction of the total temperature drop. It is estimated that the total delta T for this well field is 10°F. This means that each well produces just under a one degree temperature difference.

Pump Sizing

Now that the major plumbing layout has been determined, the next step is to size the circulations pumps. The source loop and the load loop will each require its own circulation pump and must overcome any friction and flow resistance. To calculate this it must be understood that when equipment and piping is in parallel only the circuit with the largest head loss is considered; when the equipment and piping is in series the head loss of each piece must be added together. The detailed calculations for head loss are in Appendix H. Note that there is no account for elevation change. This is because this is a closed loop system and although there is a gravity force to be countered, it is done so by the weight of the water pushing back down on the other side of the loop.

A summary of the pump sizing criteria is shown in table 12. Note that the initial head loss does not account for the NPSHR. To determine the NPSHR an initial selection of a pump based off of the flow rate and system head loss must be made. Then using the information given on the pump curve the NPSHR will be known. Next, add the system head loss to the NPSHR and resize the pump. Also included in Appendix H are the pump curves used to size the Bell and Gossett pumps for both loops. An approximate system curve was drawn on the pump curve to find the approximate operating point of the system to ensure that the system will operate as intended.

Load S	Load Side Pump Criteria			Source Side Pump Criteria			
System				System			
Head	Flow			Head	Flow		
Loss	Rate	NPSHR		Loss	Rate	NPSHR	
(ft)	(gpm)	(ft)		(ft)	(gpm)	(ft)	
46.39	900	12		116	900	10	

Table 12 Pump Sizing Criteria for Load Side and Source Side Hydronic Loops

Because the two loops are separate for the cooling season and one single loop during the winter, the pumps must work when in series. The two sets of pumps are design for the same water flow which is a good start. The next concern is that the net positive suction heat requirement is met. This is done by taking the head produced by the pump and subtracting the head loss from each component as the water flows through the system to the next pump. The remaining head must be equal to or larger than the NPSHR for the next pump. The math for this is shown in Appendix H.

For the load loop it was determined to use a Bell and Gossett 1510 Series 5BC with a 9 inch impeller. By sketching the system curve it is determined to operate at 925 gpm with around 17 HP with an efficacy between 82 and 83%.

For the source (ground heat exchanger) loop a Bell and Gossett 1510 Series 5G with a 12 inch impeller was selected. After sketching the system curve it is estimated to operate at 925 gpm with just under 40 HP and an efficiency of about 82.5%.

Expansion Tank Sizing

Because the fluid temperature within the hydronic system will be changing, it is essential to include an expansion tank. This tank helps regulate the pressure within the system by absorbing any excess water caused by thermal expansion. The size of a tank depends on two things; the volume of fluid and the change in temperature. For the load side loop a 14 gallon tank is required. For the source side loop it is recommended to use an 85 gallon tank. Because RSMeans did not have information on a single tank of this size, it was replaced with two 45 gallon tanks. The sizing calculations are shown in Appendix H.

Changing water temperatures

It was contemplated to change the water temperature of the water entering the coils for preheating and precooling. For the cooling capacity in the summer, it is better to maximize the efficiency of the heat pump. For the winter, it was investigated as to different possible temperatures. To accomplish this, the equation solver software EES was used.

The coil data above in table 11 was used with LMTD method of solving a cross flow heat exchanger to calculate the U value for each coil. The summary of these calculations can be found in Appendix I.

Using EES, a series of entering water temperatures were input and the exiting water temperature, exiting air temperature, and heat transfer rate were computed. The eNTU (efficiency Number of Transfer Units) method for cross flow heat exchangers was used for this calculation. The equations for heating and cooling are the same, but the hot and cold fluids are reversed; therefore it was easier to create two separate programing files. The coding used is also placed in Appendix I. To compare the entering water temperature and the approximate length of ground heat exchanger required, EES was coded to use the Lc equation listed previously. The resulting length is then divided by the heat transfer in BTUs to obtain a value in ft/BTU. This value was then plotted against the entering water temperature; as shown in figure 8 below.

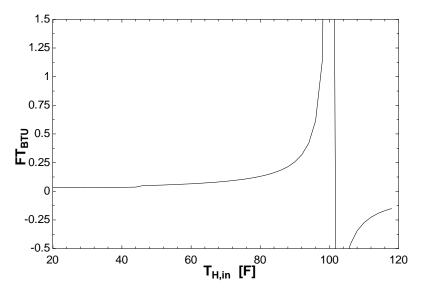


Figure 8 EES Plot of Feet of GHX Required for BTU of Energy Savings

The important thing to note is the fact that as the entering water temperature ($T_{h,in}$) approaches 95°F the length of the heat exchanger asymptotes to infinity. The reason this asymptote appears at 95°F becomes evident once the exiting water temperature is analyzed. When the entering water temperature rises, so does the exiting water temperature; as the exiting water temperature becomes closer to the ground temperature the delta T decreases and thus an infinitely long heat exchanger is required. After the asymptote, the feet per BTU become negative, this is because the exiting water temperature becomes hotter than the ground temperature and needs to be cooled rather than heated.

Based on this analysis, it is logical to want to provide the greatest amount of heating capacity (i.e. the highest entering water temperature) without needing an infinitely long ground heat exchanger. Using the ground water temperature of about 60°F is therefore best. At this entering water temperature the heat exchanger needs only 0.065 ft/BTU. Above this temperature the length per BTU begins to grow exponentially.

The coding in EES was also used to calculate the annual energy savings of the alternative design. The 8760 temperature data was placed into a parametric table as the entering air temperature for the heat exchanger. To only calculate the heating capacity with an entering water temperature of 60° F a condition was coded that for an entering air temperature of above the entering water temperature the heat transfer rate is equal to zero. This process was completed for air handing units 7-14 and the resulting heat transfer rates were compiled in Excel. Once in Excel, hour-by-hour heat transfer rates were totaled. Although the heat transfer rates are in BTU/hr, they are for a period of one hour, therefore by adding each of the hourly rates an annual energy savings is found. The compiled EES results in Excel are in Appendix I.

This process was repeated for the summer cooling. Because of the low outside air temperatures as compared to the entering water temperature, an error occurred with the NTU defining equations. This problem was averted by using Excel to replace any outside air temperatures below the entering water temperature with the entering water temperature. Then in the coding of EES, any entering air temperature equal to or below the entering water temperature was recorded as zero. Again the results for each air handling unit were compiled and summed in Excel to determine the annual energy savings. For the compiled results see Appendix I.

Using the 8760 temperature data in EES has another advantage. By setting the heat transfer to equal zero when it is assumed the heating and cooling will not be operating, it is very easy to find the hours of operation. Using Excel and coding it to count if a value is greater than zero the hours of operation are totaled. Knowing the hours of operation assists in better estimating the operating costs of the equipment.

A summary of the total annual heating energy savings, cooling energy savings, and hours of operation is shown below in table 13. Although there are 13 heat pumps with the potential to produce 30 tons of cooling capacity each; it is shown here that the peak cooling capacity is only 219 tons. One contributing factor to this is that the design cooling temperature is 93°F and the max temperature of the 8760 data is 91°F. Another possible reason for this is inaccuracies of the calculated U value.

Energy Savings of GSHP and GHX and hours of Operation								
Heating Cooling								
	Capacity				Capacity			
Heating	Annual	Heating		Cooling	Annual			
Capacity	Savings	Hours of		Capacity	Savings	Hours of		
Peak (MBH)	(MBH)	Operation		Peak (Tons)	(Tons)	Operation		
7,178.50	18,693,690	5,243		219	101,830	983		

Table 13 Energy Savings of the New System Design and Hours of Operation of Both Systems

Energy and Cost Savings

All of the equipment for this system uses electricity. Therefore to calculate the energy consumption some equipment information must be known. Table 14 below summarizes all of the important information for the various pieces of equipment.

Energy Consumption Rates for Equipment							
Heat Pump							
Energy	20 HP	40 HP					
Consumption	Centrifugal	Centrifugal					
(kW)	Pump (kW)	Pump (kW)					
14.26	14.92	29.84					

Table 14 Energy Consumption Rates for GSHP and GHX Equipment

Using these values and multiplying them by the hours of operation reveals the total energy consumption in kilowatts hours. This number is then multiplied by the rate costs listed earlier. Table 15 shows the results for the annual energy costs for heating and cooling and the total annual cost. Details of these calculations are shown in Appendix J.

Annual Alternative System Costs							
Annual							
Annual	Annual	Energy					
Preheating	Precooling	Costs of					
Cost of	Cost	GSHP and					
GHX	GSHP	GHX					
\$9,858.78	\$20,080.39	\$29,939.17					

Table 15 Annual Energy Costs of GSHP and GHX Equipment

These energy costs must be compared to the savings in natural gas for the base system. To calculate these savings the total energy savings will be converted to natural gas consumption savings and then to a dollar amount. Although the natural gas has a two-tier rate system; it is assumed that the natural gas reduction will not take away from the first 1000 therms consumed by the combustion gas turbine. See table 16 below for the calculation summary.

Alternative Heating Savings			Alternative Cooling Savings				
Heating Annual	Natural Gas Consumption		Cooling Annual	Natural Gas Consumption			
Savings	Savings	Natural Gas	Savings	Savings	Natural Gas		
(MBH)	(Therms)	Cost Savings	(MBH)	(Therms)	Cost Savings		
18,693,690	333,816	\$65,428	1,221,956	101,830	\$19,959		

Table 16 Annual Operating Cost Savings for Heating and Cooling

The annual total natural gas savings is \$85,387. Therefore the total system savings to be used to calculate the payback will be the difference between the natural gas savings and the additional electrical cost. This difference is \$55,448. For reasons mentioned earlier, this number is not to be taken as an actual savings value because the savings in natural gas for cooling is not accurate. For a reality check, assuming the absorption chiller is free to operate there is still a total annual savings because of the large reduction in heating energy.

Simple Payback of Alternative System

The final piece of the puzzle to calculate a simple payback is the capital investment required to install the new system. Not only does this system have the equipment already talked about, but it also includes changes in the power distribution system. However, the heat pumps require an additional power panel to be installed. The panel boards, feeders, circuit breakers, and branch circuit wires have all been sized for the electrical breadth. For calculation details refer to the discussion on the breadth in the following pages. The additional capital investment is calculated in detail in Appendix K.

Now that all the pieces are gathered a simple payback can be calculated. Table 17 below shows the calculation details for the simple payback. This again is not to be taken as an actual payback but a way to relatively compare systems.

Simple Payback for GSHP and GHX Alternative							
		Additional Simple					
Total Cost		Capital		Payback			
Savings		Investment		(years)			
\$55,448		\$6,359,695		115			

Table 17 Simple Payback of Alternative System

The calculated simple payback is 115 years. Although the energy savings of the system is much higher, the cost of using electricity makes the annual dollar savings about the same. The additional capital investment is over five times more than the heat recovery system. This proves that the proposed alternative of a ground source heat pump with the bypass option is not a practical substitution for the runaround heat recovery system.

Final Thoughts

This investigation has proven to be very educational. The cost of operating electrical equipment is much higher than that for natural gas for New Jersey. Therefore it is most economical to get as much energy from natural gas as possible. Therefore generating electricity, steam, and chilled water from natural gas is the most efficient use of natural resources and money.

It was also discovered that although the runaround glycol heat recovery system may seem inefficient as compared to other energy recovery systems, it is much more economical than a ground source heat pump system. The major issue is the large capital investment in the heat pumps as well as the electrical demand to operate them.

Other thoughts

After analyzing this system a few other design ideas were thought of. The first was to decrease the capital investment by only providing a couple heat pumps in series to create a large temperature drop for only 70 gpm and mix it back into the 900 gpm system. This would provide a much lower energy savings but would decrease the capital investment costs, electrical costs, the length of ground heat exchanger, and pump sizes.

There was yet another idea for a hybrid system. Instead of using a heat pump to provide the cooling power during the summer months, use the runaround heat recovery. In the winter months use the ground heat exchanger loop. This system would likely have a greater payback than the single runaround system, but would be interesting to see the actual numbers.

Microsteam Power Turbine

The University Medical Center of Princeton has a high steam demand all year long. This is because steam is used for so many applications. The high pressure steam produced by the central utility plant is used for domestic hot water, sterilization, and humidification. The steam is also used to generate hot water for use in the air handling units and in the terminal reheat for the VAV and CAV boxes throughout the building.

High pressure steam is great to transfer a large amount of energy efficiently; however it is not good for all uses. To make the steam useful with other equipment, the pressure is reduced from 150psi to 15psi. This is currently done through four pressure reducing stations throughout the building. Each station is two stage with valves in parallel. This allows the pressure reducing valves to be sized to accommodate different flow requirements.

Work can be gained by reducing pressure. When steam (or air) pressure is reduced there is a loss of potential energy. With the pressure reducing valve stations this work is lost to the environment. As a way to conserve this lost energy the implementation of Carrier Microsteam Turbines was analyzed. The original idea was to place one microsteam turbine in place of two of the pressure reducing stations to supplement the utility electricity and therefore reduce the electrical consumption.

The Microsteam Turbine Sizing

Sizing a microsteam turbine is a short process and very straight forward. The first step is to determine the steam load of each pressure reducing station. The second step is to determine how much power will be generated and then integrate the turbine into the power distribution system.

While reading the design manual supplied by Carrier, a very important detail was discovered. Carrier recommends that the structure supporting the turbine be design to support 520 lb/ft². This is an uncommonly large value for a typical floor design load in a hospital. After a quick review of the structural design documents it was determined that the greatest design load for any of the elevated floors was 120 lb/ft². The basement however was designed to carry 275 lb/ft². Therefore it would not be logical to quadruple the structure to support a steam turbine. To get around this design problem it was decided to only place the turbines in the basement level mechanical room.

Table 18 below shows the design summary for selecting the microturbine for the basement level pressure reducing valve station (PRVS 1). Included in this table is the steam inlet and outlet pressure, the design flow rate, and steam temperature.

Microsteam Turbine Design Criteria								
Inlet Pressure (psi)	Outlet Pressure (psi)	Steam Flow Rate (lb/hr)	Steam Temperature					
150	15	41,400	365.87					

Table 18 Pressure Reducing Valve Station 1 Design Data

To select the turbine from this point is very simple. Using the performance data sheet provided by Carrier and shown in Appendix L, select the inlet steam pressure of 150 psig, and inlet temperature of 366°F (zero degrees of superheating), and the exhaust steam pressure of 15 pisg the steam requirement and the electricity generated are given. The required flow of steam for one turbine at these conditions is 11,150 lb/hr. This is just over a quarter of the actual flow rate. Although having an excess of flow would not cause any complications, it is possible to set these turbines in parallel to produce more power. It would not be logical to place 4 of these units because the flow rate given in table 18 is a peak design load which will not be required at all times. Instead it was decided to place 3 turbines in place of this PRV station giving a potential to generate 725 kilowatts of electricity.

Integrating into the Power Distribution System

There were two ideas of how to integrate the steam generated electricity into the power distribution system. The first proved to be very difficult and the second was much simpler and just as effective.

The first idea was to use paralleling switch gear to feed the generated electricity into the building and offset the power required from the utility. There are a few issues with this design. The first is the fact that paralleling switchgear is very complicated to understand and size. The other issue is that Princeton Healthcare Systems has entered an agreement to sell electricity back into the grid when the central utility plant is over generating. The power from the microsteam turbines may also need to be accounted for in the equipment to sell back to the grid and could cause complications in the contract.

The second idea is much simpler and has the same end effect. By using automatic transfer switches to take a load off the main power distribution system and place it on the microsteam turbine, the load on the power distribution system is decreased. Also, there is no paralleling switchgear needed. This is very similar to switching a load from normal to emergency power.

The microsteam turbines will be placed within the main mechanical room on the lower level in the patient towers. This is the same room that houses air handling units 1, 2 and 3. Table 19 below summarizes the electrical load demands of these three AHUs.

AHU Electrical Load Requirements						
Unit	HP	kVA	FLA	Volt	Phase	kW
AHU 1	12x10 = 120	130	156	480	3	191
AHU 2	9x7.5 = 67.5	80	96	480	3	118
AHU 3	12x7.5 = 90	103	124	480	3	152

Table 19 Electrical Load Design Requirements for AHU 1, 2, and 3

The horse power values were found on the submittal sheets for the air handling units, the others were calculated using the following equations.

$$3 phase kVA = \frac{Volts * FLA * \sqrt{3}}{1000}$$

$$3 \ phase \ watts = \sqrt{3} * Volts * FLA * PF$$

These air handling units do not have a single motor fan, but a wall of stacked fans that are tied together through electrical controls. The total horse power is the sum of all the horse power of all the fans. The full load amps (FLA) were determined using the NEC table 430.250. This table reports the full load amps based on the horse power of the motor.

It can be seen that each of the microsteam turbines has the potential to power one of these air handling units. Although the turbine can provide more power than required, to be certain the turbine can provide enough power for the fan startup it was decided to not add any other loads.

Tying into the existing power system

It was decided earlier to use an automatic transfer switch to take the AHU loads off the power distribution system and place them onto the turbine. Each air handling unit requires that a separate transfer switch be installed. Once the turbine is generating power at full capacity, the transfer switch will switch over to power the air handling unit. The specifics of the electrical design are discussed in more detail in the electrical breadth.

Energy Savings

Determining the annual energy savings would require more knowledge of steam demand on a monthly or even daily basis. If the steam flow rate through the turbine is not at or above the 11,150 lb/hr there will not be enough power to safely switch the load off the normal power distribution system. It can be assumed that at some points throughout the year that all three air handling units will be power solely by the turbines and therefore reducing the building peak load by 461 kilowatts.

Depth Summary

In summary, it is concluded that the runaround heat recovery system is more effective than a ground source heat pump system in reducing energy consumption and costs. Using the assumption that the central utility plant is using a combustion gas turbine to generate electricity and high pressure steam, and using the exhaust to power absorption chillers, the total energy efficiency is close to 91%. This is extremely difficult to compete against. The runaround propylene glycol system saves around \$53,000 a year in natural gas costs, but costs around \$1.3 million to install. This payback of 23 years is unpractical for most situations, but because of the simplicity of the system and the fact that this is for a hospital I would recommend it.

However the alternative system design is not as effective. Saving around \$55,000 a year in natural gas costs is good, but the additional capital investment of around \$6.4 million creates a payback of 115 years. This is unacceptable for any building investment. The equipment would need replaced multiple times during this time greatly increasing the payback period. Therefore, I would not recommend this alternative.

Even though there is not enough data to perform a simple payback, I would still recommend the installation of the Microsteam turbines. One of the design objectives of Princeton Healthcare Systems is to be environmentally conscious. These units do just that by making useful work of wasted energy. The savings of 461 kw of peak electricity during on season peak months could save up to \$7,634 and \$4,219 during off peak months. This is an interesting technology that I feel will continue to grow in applications where a large constant supply of steam is required such as hospitals.

Electrical Breadth

Because of the integration of the mechanical depth with the power distribution system it is essential to redesign the parts that were affected to better understand the implications of changing the mechanical system. This also proved effective in better estimating the capital investment cost for the ground source heat pump design.

The first step in designing a power distribution system is to determine the electrical loads. Table 20 is a section of the panel board schedule for the all of the heat pumps and water pumps for the ground source heat pump design described earlier; the full schedule can be seen in Appendix M.

	GENCY EQUIPMENT SWITCHBOARD B-EPPH-EQ-3			VOLTAGE:	480/277V,	3Ф 4W+0	G BUS: 60	00 A	
ITEM NO.	EQUIPMENT		KVA	FULL LOAD AMPS	CIRCUIT BREAKER		REMARKS	CONDUIT & WIRESIZE	
		H.P.			FRAME	TRIP	POLES		
	INCOMING SECTION MAIN C/B				800	800	3		2 sets (3#500kcmil +1/0G - 3 1/2"C)
1	HP-1	-	35	42	100	60	3		3#6 + 1#10G - 3/4"C
2	HP-2		35	42	100	60	3		3#6 + 1#10G - 3/4"C
3	HP-3	-	35	42	100	60	3		3#6 + 1#10G - 3/4"C
4	HP-4	-	35	42	100	60	3		3#6 + 1#10G - 3/4"C
5	HP-5		35	42	100	60	3		3#6 + 1#10G - 3/4"C
6	HP-6		35	42	100	60	3		3#6 + 1#10G - 3/4"C
7	HP-7	-	35	42	100	60	3		3#6 + 1#10G - 3/4"C
8	HP-8	(40)	35	42	100	60	3		3#6 + 1#10G - 3/4"C
9	HP-9	-	35	42	100	60	3		3#6 + 1#10G - 3/4"C
10	HP-10		35	42	100	60	3		3#6 + 1#10G - 3/4"C
11	HP-11	(5)	35	42	100	60	3		3#6 + 1#10G - 3/4"C
12	HP-12	-	35	42	100	60	3		3#6 + 1#10G - 3/4"C
13	HP-13	-	35	42	100	60	3		3#6 + 1#10G - 3/4"C
14	HPP-1	20	23	27	225	50	3		3#8 + 1#10G - 3/4"C
15	HPP-2 (Standby)	20	23	27	225	50	3		3#8 + 1#10G - 3/4"C
16	GHXP-1	40	44	52	225	125	3		3#8 + 1#6G - 3/4"C
17	GHXP-2 (Standby)	40	44	52	225	125	3		3#8 + 1#6G - 3/4"C

Table 20 Sample of the Panel Board Schedule for the Ground Source Heat Pumps

The same equations listed earlier for 3 phase kVA and 3 phase watts was used to determine the size of the breaker as well as the branch circuit wire size. Tables 310.16 and C.1 of the 2008 NEC were used to size the wire and conduit respectively. The steps to complete the sizing are as follows:

- Determine the circuit breaker trip amperage
- Size the wire to meet the trip amperage of the breaker (and exception is made for motors: the breaker must cover start up current but the wire may be size for full load amps)
- Size the conduit based on the size and number of current carrying conductors
- Size the panel board for 25% growth
- Size the breaker supplying power to the panel board from the substation or distribution panel
- Size the feeder to the breaker on the substation or distribution panel

It was determined that the panel board must be 800 Amps based on the volt amp method. While analyzing the double-ended substation supplying power to the patient tower it was discovered that there was an 800 amp breaker open. Considering that the current heat recovery system was connected to emergency power, it was decided to connect the heat pumps to emergency power as well. To do this was a bit more complicated.

The integration of the microsteam turbines was very simple. The only change was to add an automatic transfer switch after the panel boards powering the air handling units.

Both of these changes are shown in the form of two drawings in Appendix M. Drawing E7.05 shows the integration of the changes in the riser diagram. This diagram helps the contractor to visualize what level the equipment goes as well as how the panel boards branch off the bus ducts. Drawing E7.02 is the single line diagram for the substations, distribution panels, and panel boards in the patient tower. Much like drawing E7.03, this drawing shows the integration of the panel boards into the breaker frames of the switch gear.

There are two emergency power distribution panels feeding the patient tower, each of these has room to expand. There was a 400 amp frame open and a 600 amp breaker on an 800 amp frame. By changing the 400 amp frame to 600 amps and moving the 600 amp to the new breaker it frees the 800 amp breaker. Doing so will only add 200 amps to the distribution panel and it was sized to handle up to 400 additional amps. This is shown in Appendix M as drawing E7.03.

The cost estimate for the electrical changes made for the ground source heat pump can be found in Appendix K as part of the mechanical depth. The cost estimate of the microsteam power distribution was not done because of the lack of other data to perform a reasonable energy savings value.

Acoustical Breadth

The acoustics in hospitals can play a vital role in a patient's health. A major complaint by both patients and medical staff is the noisy environments in hospitals. Research has been done relating the noise in patient and operating rooms to decreased patient care and recovery. High levels of background noise make patients uncomfortable and can retard their recovery. Medical nurses and doctors may have difficulty concentrating due to the noisy environment causing medical malpractice as well as missed auditory cues such as patient alarms. An acoustical analysis of the patients' rooms as well as nurse station and family respite was done to determine if the rooms were in compliance with national acoustics standards.

Current Conditions

To alleviate the complicated mess of predicting the noise level within the various spaces, a visit to the University Medical Center of Princeton was made. Fortunately on Friday March 16th the major construction and fit out of the hospital was completed; however the building had not been turned over and therefore was mostly vacant. This provided the perfect opportunity to obtain base level readings of only the background noise within the space generate by the mechanical system.

A sound level meter was used to measure the background noise in the space. Random rooms (approximately 2 on each patient floor) were selected to be analyzed. Once in these rooms the data in table 21 was recorded.

Acoustical Readings from Rooms							
Floor	Room	Range	Response	dBA	dBC	File No.	
6	T.6104	LOW	SLOW	39	55	2-010	
6	T.6210	LOW	SLOW	39	60	2-009	
5	T.5156	LOW	SLOW	41	58	2-008	
5	T.5108	LOW	SLOW	44	55	2-007	
4	T.4242	LOW	SLOW	38	54	2-006	
4	T.4112	LOW	SLOW	_	_	_	
4	T.4158	LOW	SLOW	44	62	2-005	
3	T.3208	LOW	SLOW	42	55	2-004	
3	T.3135	LOW	SLOW	46	60	2-003	
3	T.3111	LOW	SLOW	52	63	2-002	
2	T.2112	LOW	SLOW	49	63	2-001	
2	T.2208	LOW	SLOW	42	56	Crash	
2	T.2022	LOW	SLOW	53	59	1-001	

Table 21 Sound Level Meter Settings and Readings

The file numbers correspond to a recorded .wav file of the background noise in the room. These .wav files were then interpreted with a Matlab program written by Ryan TerMuelen. A calibration was recorded using the same recording set up to generate a relative base. The output of the Matlab coding was the Excel table shown in Appendix N. Using the .wav files Matlab calculated the dB level for each third octave band from 31.5 Hz to 8 kHz.

The dBA was then compared to the standards for hospital acoustics as listed in "Green Guide for Health Care: Acoustic Environment Technical Brief". In this brief there is more discussion about the health effects of a noisy healthcare environment as well as the design challenges. Figure 9 below was taken from the brief and expresses the design standards as defined by the American Institute of Architects and the American Hospital Association.

Room Type	NC/RC(N)/RNC3	dBA
Patient rooms	30-40	35-45
Multiple occupant patient care areas	35-45	40-50
NICU ¹	25-35	30-40
Operating rooms ²	35-45	40-50
Corridors and public spaces	35-45	40-50
Testing/research lab, minimal speech ²	45-55	50-60
Research lab, extensive speech ²	40-50	45-55
Group teaching lab	35-45	40-50
Doctor's offices, exam rooms	30-40	35-45
Conference rooms	25-35	30-40
Teleconferencing rooms	25 (max)	30 (max)
Auditoria, large lecture rooms	25-30	30-35

Figure 9 2006 AIA/AHA Draft Interim Sound and Vibration Guidelines for Hospitals and Healthcare Facilities

By simply comparing the dBA values of the rooms to the guidelines only rooms 2022, 2112, 3111, and 3135 are not compliant. As another check the NC of each room was plotted using Excel. Graph 1 below shows the results. Notice that now only rooms 2022, 2112, and 3111 are not compliant.

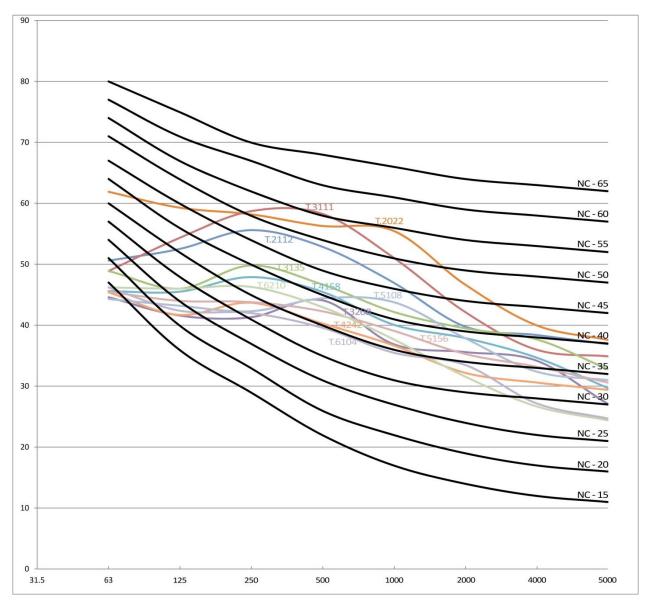


Figure 10 NC Plot for Each Room

Note that the family respite (room T.3111) is considered to be a corridor/public space and can have a higher NC and dBA than the patient rooms.

To calculate the amount of acoustically absorbent material required to drop the NC rating of the non-compliant rooms, a few other calculations must be done. The first equation is to calculate the total absorption in the room using the equation below.

$$A = 0.161 \, V/T_{60}$$

Where A is the total absorption, V is the volume of the room, and T_{60} is the amount of time it takes for a sound impulse in the room to decay by 60 dB. To estimate the T_{60} an Excel spreadsheet was developed. The inputs of the program are the square footage of each material in the room, and the room volume. The materials are selected from a drop down list which extracts the absorption coefficients from a reference table. From that the T_{60} and total absorption A is estimated for each frequency band from 125-8000 Hz.

To determine the noise reduction in dBs the following equation was used.

$$NR = 10 \log \left(\frac{A_2}{A_1}\right)$$

As the new room absorption A_2 decreases the log of the ratio becomes larger therefore giving a larger noise reduction value. The next step is to select a material to be used as an abortive panel within the patient rooms.

Material Selection

Selecting any material for inside a hospital can be very difficult. There are a lot of safety and manageability factors to consider. One of the major challenges with acoustically absorbent material is the fact that it is very porous. These materials provide wonderful hiding places for dirt and bacteria and are difficult to sterilize. That is why many surfaces in a hospital are very solid and acoustically reflective. Fortunately DuPont has taken this problem as a challenge and developed a product specifically for hospital applications.

DuPont has developed what they call AudioComfort Acoustical Panels. These panels come in different shapes and sizes that provide the most absorption in the 250-2000 Hz frequency bands. This matches very well with where the rooms are over the NC curves. See Figured 11 through 13.

The wonderful part about this product is that it is easy to clean. DuPont has made it a point to ensure that no common cleaning chemical will deteriorate the surface and that typical cleaning practices will disinfect the surface. The product brochure and data sheet are shown in Appendix N.

Noise Reduction Calculations

Using the same Excel program to calculate the T_{60} , an area of the AudioComfort panels was added and the same area was subtracted from the gypsum wall board area using the guess test and revise method. The Excel sheet then calculated the Noise Reduction and subtract it from the original noise levels exported from Matlab. These new dB levels were then checked against the NC curve values for compliance. As a second check the dBA was calculated manually using dB addition. The resulting required square footage of AudioComfort panels was then recorded for each noncompliant room.

A copy of the Excel sheet used for these calculations for room T.3111 is shown in Appendix N with data for room T.3111.

	AudioComfo	rt Panel Area	Sumn	nary		
File Name	Room Type	Compliant based on dBA	NC	Compliant based in NC	DuPont Panel Area Required to meet dBA compliance	Area of Dupont panel to meet dBA
1-001 T.2022.wav	Staff Work	NO	55	NO	245	400
2-001 T.2112.wav	Hold Recovery Room	NO	48	NO	310	310
2-002 T.3111.wav	Family Respite	NO	56	NO	483	250
2-003 T.3135.wav	Critical Patient Room	NO	43	Yes		100
2-004 T.3208.wav	Intermediate Patient Room	Yes	39	Yes		
2-005 T.4158.wav	Patient Room	Yes	41	Yes		
2-006 T.4212.wav	Patient Room	Yes	36	Yes		
2-007 T.5108.wav	Patient Room	Yes	43	Yes		
2-008 T.5156.wav	Patient Room	Yes	38	Yes		
2-009 T.6210.wav	Nursery Patient Room	Yes	38	Yes		
2-010 T.6104.wav	Patient Room	Yes	35	Yes		

Table 22 Summary of Results from DuPont AudioComfort Panel Area Calculations

A separate graph of the before and after room sound curves for each of the 3 NC non-compliant rooms are shown below as figures 11, 12, and 13. Note that the NC of a room is determined by the maximum NC curve touched by the room sound curve. The areas in red are the target problem frequencies.

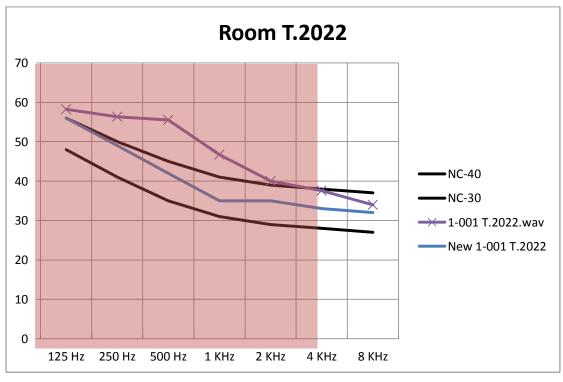


Figure 11 The Before and After Sound Curves against The 30 and 40 NC Curve Ratings for Room T.2022

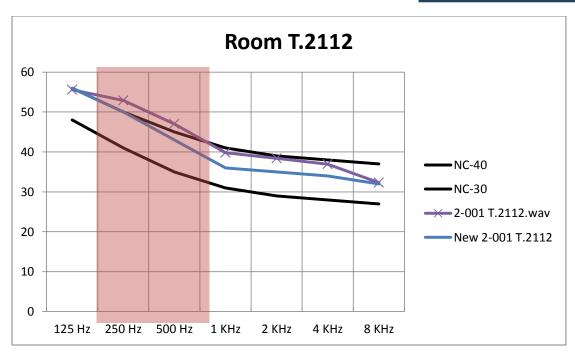


Figure 12 The Before and After Sound Curves against The 30 and 40 NC Curve Ratings for Room T.2112

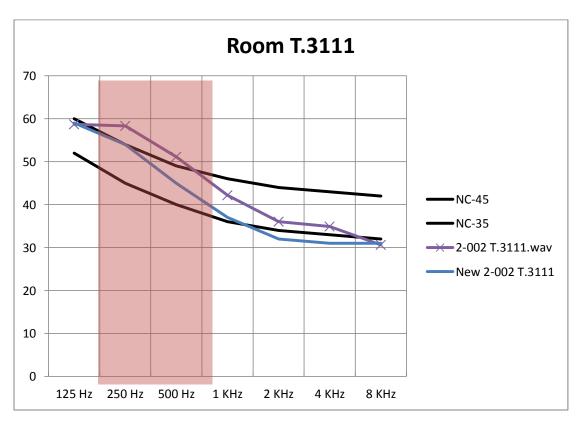


Figure 13 The Before and After Sound Curves against The 35 and 45 NC Curve Ratings for Room T.3111

The amount of AudioComfort panel needed to meet the NC requirement was sometimes different than that required for the dBA. This is because they are two different measurements; dBA is a single value calculated by adding or subtracting a certain dB value for each frequency and then using dB addition to find the single value. The NC rating requires that all dB levels of each frequency be equal to or less than specified values. Therefore it would be best to implement the larger area of the two.

Because some of the rooms would require such a large amount of the wall to be AudioComfort panels, some other options have been considered. Another way to reducing the background noise in a room created by the mechanical system is to install sound attenuators within the duct work. The mechanical plans for the University Medical Center of Princeton call for these to be installed in some locations but not all. Therefore a second look into the effectiveness of the current attenuator plan could be done to determine if more attenuators are needed or if there is a flaw in the in stallion or construction.

Another option is to change the ceiling tile material. Currently there are 2'x2' acoustical ceiling tile. Every ceiling tile has a slightly different absorption coefficient and therefore specific tiles could be selected to bring the room into compliance.

Breadth Summary

After completing the electrical and acoustical breadth some important lessons were learned. The first lesson is how much a small change in one system can greatly affect that of another. No single system or components of a building can be designed without having to consider the affects it will have on the rest of the building. As and Architectural Engineer it is a prime responsibility to try to design a building to be as integrated as possible. The more a building's systems are integrated, the more efficient the design, the more the building will reduce both capital and operation costs.

Electrical power distribution is a necessity for any building, because without power nothing would work. Therefore it is important that a building's power system be properly design and given room for growth. By adding the 13 heat pumps the electrical demand increased and took some of the growth already designed into the system. If the heat pumps were being integrated as part of the original design it is very possible that the substation and emergency switchgear would have been sized larger.

Building acoustics is a very complicated subject. Being able to accurately predict how a room will perform acoustically is not straight forward and not reliable. The absorption coefficients for each material are measured in a testing lab with specific acoustical attributes and under specific conditions. These materials may perform differently once applied in a new situation with other materials. Therefore it is okay to be overly conservative during design to maximize the chance that the room will meet the various standards.

Acknowledgements

I would like to take this opportunity to thank all those who played a vital role in this project.

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The rest of the AE faculty and staff and students.

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$\begin{array}{c} Appendix\ A \\ \quad \quad \text{Combined Heat and Power Calculations and Assumptions} \end{array}$

PRV 1 41400 PRV 2 16400 PRV 3 35600 PRV 4 13710 107110 16/hr. total. 2.409/tom. 2.409/tom. 2.409/tom. 2.409/tom. 3.0263/Kwh 3413 1370/16wh
\$ 7.706 x10-6 /BTU ECSP SOLAN Mors 90 95 mw electroly 46.8 Kpph 3 413 1370/ Kuh. 9.5 mw = 9500 Kw (3413) ÷ 10 710 BTU/ Kuh.
32423500 Bru/hr. : 100,400,000 Bru/hr32 Check.
365°F 150 PSig = 164 PSio => 1200 FTU/b strong atput = 46.8 K 16/hr = 46800 16/hr (1200 BTU/hr => 56,160000 BTU/hr
-56 160 000 -113300 16 /hr (1200 870 /16) -100 400 000 = 13 5960,000 370/h -56 additional gas input 68 000,000 770/hr -135960 000/(100 400 000 + 68 000 000)
Intel (56 160 000 + 32 423 500) (100 400 000 = .88 had (135 960 000 + 32 423 500) (100 400 000 + 64 000 000) = 99 Absorption codo Uselo alt Cop = = 1, 2
1431 Tons Cooling Desig. 1431 = m (900 - 375) / 40950 111,618 161hr Mas 90 gres 316.2 K16/hr Cohout => Tg = 560
When is resemble to present condensation

$\begin{array}{c} Appendix \ B \\ \quad \text{Constituent Tables for Heating Energy Consumption and Peak Values} \end{array}$

					AHU 7 Mon	thly Heating Coil E	nergy Consumptio	n					
	Jan	Feb	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Level 1 therms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
therms/hr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Level 2 therms	2,536.5	2,041.3	1,533.6	1,002.2	672.0	619.8	628.1	634.4	632.9	764.4	976.4	1,996.1	14,037.7
therms/hr therms	4.2 2,298.0	3.9 1,880.0	3.0 1,512.7	2.2 1,089.6	1.0 934.3	0.9 779.3	0.9 787.5	0.9 793.4	0.9 788.1	1.5 894.3	2.2 1,056.7	3.5 1,873.0	4.2 14,686.9
Level 3 therms/hr	3.8	3.5	2.8	2.2	1.7	1.2	1.2	1.2	1.2	1.6	2.1	3.2	3.8
thorms	1,850.0	1,509.7	1,203.0	854.8	637.0	574.8	578.8	587.2	589.4	695.3	831.7	1,501.3	11,413.0
Level 4 therms/hr	3.0	2.8	2.3	1.7	0.9	0.9	0.9	0.9	0.9	1.3	1.7	2.6	3.0
therms	1,701.9	1,386.8	1,096.8	771.5	572.2	524.1	530.6	534.6	529.5	619.9	744.6	1,372.2	10,384.7
Level 5 therms/hr	2.8	2.6	2.1	1.6	0.8	0.8	0.8	0.8	0.8	1.2	1.5	2.4	2.8
therms	2,285.0	2,369.1	1,578.1	928.4	728.4	673.0	667.2	673.3	681.0	1,029.4	1,255.4	1,952.0	14,820.3
Level 6 therms/hr	4.1	4.7	3.3	2.1	1.1	1.1	1.0	1.0	1.1	2.3	2.8	3.6	4.7
Monthly Totals therms	10,671.4	9,186.9	6,924.2	4,646.5	3,543.9	3,171.0	3,192.2	3,222.9	3,220.9	4,003.3	4,864.8	8,694.6	65,342.6
Monthly Peak therm/hr	17.9	17.5	13.5	9.8	5.5	4.9	4.8	4.8	4.9	7.9	10.3	15.3	17.9
Peak BTU/hr output													
(83.3% eff.)	1,491,070.0	1,457,750.0	1,124,550.0	816,340.0	458,150.0	408,170.0	399,840.0	399,840.0	408,170.0	658,070.0	857,990.0	1,274,490.0	1.491.070.0
,													
Monthly Total Consumed	**************************************							*****************	7 12-110-1-11-11-11-11-11-11-11-11-11-11-11-	device in the device of			
by CGT for steam (BTU)	1,587,370,750	1,366,551,375	1,029,974,750	691,166,875	527,155,125	471,686,250	474,839,750	479,406,375	479,108,875	595,490,875	723,639,000	1,293,321,750	9,719,711,750
	lan	Fall	March	A		thly Heating Coil E			East 1	0-4	Neu	Dec I	Tetal
therms	Jan 0.0	Feb 0.0	March 0.0	April 0.0	May 0.0	June 0.0	July 0.0	Aug. 0.0	Sep. 0.0	Oct. 0.0	Nov. 0.0	Dec. 0.0	Total 0.0
Level 1 therms/hr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
therms	3,661.4	2,967.2	2,293.0	1,563.4	1,134.4	1,077.9	1,103.0	1,101.8	1,073.3	1,239.9	1,515.7	2,918.1	21,649.1
Level 2 therms/hr	6.0	5.6	4.4	3.2	1.6	1.5	1.5	1.5	1.6	2.3	3.2	5.0	6.0
therms	2,632.7	2,147.7	1,707.2	1,209.5	1,025.2	849.8	859.9	864.8	855.9	976.1	1,166.9	2,128.5	16,424.2
Level 3 therms/hr	4.3	4.0	3.2	2.4	1.9	1.3	1.2	1.3	1.3	1.8	2.4	3.7	4.3
therms	2,423.6	1,965.3	1,524.6	1,047.2	743.1	663.8	664.5	670.5	670.4	809.3	1,002.0	1,934.3	14,118.6
Level 4 therms/hr	4.0	3.7	3.0	2.2	1.1	1.0	1.0	1.0	1.1	1.6	2.2	3.4	4.0
Level 5 therms	2,091.5	1,701.6	1,338.8	935.2	680.7	611.9	615.6	623.9	625.4	745.0	904.2	1,683.5	12,557.3
therms/hr	3.5	3.2	2.5	1.9	1.0	0.9	0.9	0.9	1.0	1.4	1.9	2.9	3.5
Level 6 therms	3,082.5	3,188.7	2,165.0	1,326.6	1,090.4	1,026.8	1,033.8	1,032.4	1,017.0	1,447.1	1,729.6	2,642.9	20,782.8
therms/nr	5.5	6.2	4.5	2.9	1.6	1.5	1.5	1.5	1.6	3.2	3.8	4.9	6.2
Monthly Totals therms	13,891.7	11,970.5	9,028.6	6,081.9	4,673.8	4,230.2	4,276.8	4,293.4	4,242.0	5,217.4	6,318.4	11,307.3	85,532.0
Monthly Peak therm/hr	23.3	22.7	17.6	12.6	7.2	6.2	6.1	6.2	6.6	10.3	13.5	19.9	23.3
Peak BTU/hr output			Т		-		1		1	1	Т		
(83.3% eff.)	1,940,890.0	1,890,910.0	1,466,080.0	1,049,580.0	599,760.0	516,460.0	508,130.0	516,460.0	549,780.0	857,990.0	1,124,550.0	1,657,670.0	1,940,890.0
,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,	,	,							
Monthly Total Consumed													
by CCT for ct (DT:													
by CGT for steam (BTU)	2,066,390,375	1,780,611,875	1,343,004,250	904,682,625	695,227,750	629,242,250	636,174,000	638,643,250	630,997,500	776,088,250	939,862,000	1,681,960,875	12,722,885,000
by CGT for steam (BTU)	2,066,390,375	1,780,611,875	1,343,004,250	904,682,625					630,997,500	776,088,250	939,862,000	1,681,960,875	12,722,885,000
by CG1 for steam (BTU)					AHU 9 Mon	thly Heating Coil E	nergy Consumption	on					
	Jan	Feb	March	April	AHU 9 Mon	thly Heating Coil E	nergy Consumptic	on Aug.	Sep.	Oct.	Nov.	Dec.	Total
Level 1 therms	Jan 0,0	Feb 0.0	March 0.0	April 0.0	AHU 9 Mon May 0.0	thly Heating Coil E June 0.0	nergy Consumptio	Aug.	Sep. 0.0	Oct. 0.0	Nov. 0.0	Dec. 0.0	Total 0.0
Level 1 therms therms/hr	Jan 0.0 0.0	Feb 0.0 0.0 0.0	0.0 0.0	April 0.0 0.0	AHU 9 Mon May 0.0 0.0	thly Heating Coil E June 0.0 0.0	July 0.0 0.0	Aug. 0.0 0.0	Sep. 0.0 0.0	Oct. 0.0 0.0	Nov. 0.0 0.0	Dec. 0.0 0.0	Total 0.0 0.0
Level 1 therms therms/hr	Jan 0.0 0.0 1,754.5	Feb 0.0 0.0 1,407.3	March 0.0 0.0 1,040.8	April 0.0 0.0 0.0 665.5	AHU 9 Mon May 0.0 0.0 436.6	thly Heating Coil E June 0.0 0.0 412.4	nergy Consumption July 0.0 0.0 420.8	Aug. 0.0 0.0 419.6	Sep. 0.0 0.0 408.9	Oct. 0.0 0.0 491.3	Nov. 0.0 0.0 640.1	Dec. 0.0 0.0 1,366.8	Total 0.0 0.0 9,464.6
Level 1 therms therms/hr Level 2 therms therms/hr therms	Jan 0.0 0.0 1,754.5 2.9	Feb 0.0 0.0 1,407.3 2.7	March 0.0 0.0 1,040.8 2.1	April 0.0 0.0 665.5 1.5	AHU 9 Mon May 0.0 0.0 436.6 0.6	thly Heating Coil E June 0.0 0.0 412.4 0.6	0.0 0.0 420.8 0.6	Aug. 0.0 0.0 419.6 0.6	Sep. 0.0 0.0 408.9 0.6	Oct. 0.0 0.0 491.3 1.0	Nov. 0.0 0.0 640.1 1.5	Dec. 0.0 0.0 1,366.8 2.4	Total 0.0 0.0 9,464.6 2.9
Level 1 therms therms/hr	Jan 0.0 0.0 1,754.5	Feb 0.0 0.0 1,407.3	March 0.0 0.0 1,040.8	April 0.0 0.0 0.0 665.5	AHU 9 Mon May 0.0 0.0 436.6	thly Heating Coil E June 0.0 0.0 412.4	nergy Consumption July 0.0 0.0 420.8	Aug. 0.0 0.0 419.6	Sep. 0.0 0.0 408.9	Oct. 0.0 0.0 491.3	Nov. 0.0 0.0 640.1	Dec. 0.0 0.0 1,366.8	Total 0.0 0.0 9,464.6
Level 1 therms therms/hr Level 2 therms/hr Level 3 therms/hr therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3	Feb 0.0 0.0 1,407.3 2.7 1,234.9	March 0.0 0.0 1,040.8 2.1 985.9	April 0.0 0.0 0.0 665.5 1.5 704.3	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4	0.0 0.0 0.0 420.8 0.6 489.5	0.0 0.0 0.0 419.6 0.6 492.6	Sep. 0.0 0.0 408.9 0.6 490.8	Oct. 0.0 0.0 491.3 1.0 562.5	Nov. 0.0 0.0 640.1 1.5 674.2	Dec. 0.0 0.0 1,366.8 2.4 1,225.3	Total 0.0 0.0 9,464.6 2.9 9,459.9
Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5	Feb 0.0 0.0 1.407.3 2.7 1,234.9 2.3	March 0.0 0.0 1,040.8 2.1 985.9 1.9	April 0.0 0.0 665.5 1.5 704.3 1.4	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4	Aug. 0.0 0.0 419.6 0.6 492.6 0.7	Sep. 0.0 0.0 408.9 0.6 490.8 0.8	Oct. 0.0 0.0 491.3 1.0 562.5 1.1	Nov. 0.0 0.0 640.1 1.5 674.2 1.4	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1	Total 0.0 0.0 9,464.6 2.9 9,459.9 2.5
Level 1 therms therms/hr therms therms/hr therms therms/hr therms Level 3 therms therms/hr therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4	April 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3	Total 0.0 0.0 9,464.6 2.9 9,459.9 2.5 17,143.0
Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms therms/hr therms Level 4 therms therms/hr therms therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7	April 0.0 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8 2.5 598.5 1.3	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6	thly Heating Coil E June 0.0 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6	nergy Consumption July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6	Sep. 0.0 0.0 408.9 0.6 490.8 970.6 1.4 385.6 0.6	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9	Total 0.0 0.0 9,464.6 2.9 9,459.9 2.5 17,143.0 4.1 8,010.7 2.3
Level 1 therms Level 2 therms/hr therms/hr therms/hr therms/ therms/hr therms/ therms/therms/hr therms therms/hr therms/therms/hr therms/therms/hr therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4	April 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8 2.5 598.5 1.3 344.2	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7	thly Heating Coil E June 0.0 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4	Total 0.0 9,464.6 2.9 9,459.9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9
Level 1 therms therms/hr therms Level 2 therms/hr Level 3 therms/hr Level 4 therms therms/hr Level 5 therms therms/hr Level 6 therms therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1,7	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4	April 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8 2.5 598.5 1.3 344.2 0.9	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2,11 2,119.3 3.6 1,092.2 1.9 777.4 1.5	Total 0.0 9,464.6 2.9 9,459.9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 1.9
Level 1 therms therms/hr therms/hr therms therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5	April 0.0 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8 2.5 598.5 1.3 344.2 0.9 3,610.3	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4	thly Heating Coil E June 0.0 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4	Aug. 0.0 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6	Sep. 0.0 0.0 0.0 408.9 0.6 490.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2 3,632.4	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2,11 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0	Total 0.0 9,464.6 2.9 9,459.9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 1.9 49,704.1
Level 1 therms therms/hr therms Level 2 therms/hr Level 3 therms/hr Level 4 therms therms/hr Level 5 therms therms/hr Level 6 therms therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1,7	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4	April 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8 2.5 598.5 1.3 344.2 0.9	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2,11 2,119.3 3.6 1,092.2 1.9 777.4 1.5	Total 0.0 9,464.6 2.9 9,459.9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 1.9
Level 1 therms therms/hr therms/hr therms therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5	April 0.0 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8 2.5 598.5 1.3 344.2 0.9 3,610.3	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4	thly Heating Coil E June 0.0 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4	Aug. 0.0 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6	Sep. 0.0 0.0 0.0 408.9 0.6 490.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2 3,632.4	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2,11 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0	Total 0.0 9,464.6 2.9 9,459.9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 1.9 49,704.1
Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms therms/hr Level 4 therms Level 5 therms Level 5 therms/hr Level 6 therms/hr Monthly Totals therms Monthly Peak therm/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5	April 0.0 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8 2.5 598.5 1.3 344.2 0.9 3,610.3	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4	thly Heating Coil E June 0.0 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4	Aug. 0.0 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6	Sep. 0.0 0.0 0.0 408.9 0.6 490.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2 3,632.4	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2,11 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0	Total 0.0 9,464.6 2.9 9,459.9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 1.9 49,704.1
Level 1 therms therms/hr Level 2 therms therms/hr therms therms/hr therms therms/hr therms therms/hr therms/ therms/hr therms/ therms/hr therms/ therms/hr therms/m Monthly Totals therms Monthly Peak BTU/hr output (83.3% eff.)	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4 12.9	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3	April 0.0 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4	thly Heating Coil E June 0.0 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8	nergy Consumption July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2 3,632.4 7.8	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5	Total 0.0 0.0 9,464.6 2.9 9,459.9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 1.9 49,704.1
Level 1 therms therms/hr therms Level 3 therms/hr therms Level 3 therms/hr therms therms/hr therms therms/hr therms therms/hr therms therms/hr therms Monthly Totals therms Monthly Peak BTU/hr output (83.3% eff.) Monthly Total Consumed	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5	Feb 0.0 0.0 1.407.3 2.7 1.234.9 2.3 2.111.2 3.9 1.105.8 2.1 962.2 1.9 6.821.4 12.9 1.074,570.0	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3	April 0.0 0.0 665.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2	thly Heating Coil E June 0.0 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7	Aug. 0.0 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2 3,632.4 7.8	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5	Total 0.0 9.464.6 2.9 9.459.9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 1.9 49,704.1 13.5
Level 1 therms therms/hr Level 2 therms therms/hr therms therms/hr therms therms/hr therms therms/hr therms/ therms/hr therms/ therms/hr therms/ therms/hr therms/m Monthly Totals therms Monthly Peak BTU/hr output (83.3% eff.)	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4 12.9	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3	April 0.0 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4	thly Heating Coil E June 0.0 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8	nergy Consumption July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2 3,632.4 7.8	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5	Total 0.0 0.0 9,464.6 2.9 9,459.9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 1.9 49,704.1
Level 1 therms therms/hr therms Level 3 therms/hr therms Level 3 therms/hr therms therms/hr therms therms/hr therms therms/hr therms therms/hr therms Monthly Totals therms Monthly Peak BTU/hr output (83.3% eff.) Monthly Total Consumed	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5	Feb 0.0 0.0 1.407.3 2.7 1.234.9 2.3 2.111.2 3.9 1.105.8 2.1 962.2 1.9 6.821.4 12.9 1.074,570.0	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3	April 0.0 0.0 665.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0	AHU 9 Mon May 0.0 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2	thly Heating Coil E June 0.0 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2 3,632.4 7.8	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5	Total 0.0 9.464.6 2.9 9.459.9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 1.9 49,704.1 13.5
Level 1 therms therms/hr therms Level 3 therms/hr therms Level 3 therms/hr therms therms/hr therms therms/hr therms therms/hr therms therms/hr therms Monthly Totals therms Monthly Peak BTU/hr output (83.3% eff.) Monthly Total Consumed	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5	Feb 0.0 0.0 1.407.3 2.7 1.234.9 2.3 2.111.2 3.9 1.105.8 2.1 962.2 1.9 6.821.4 12.9 1.074,570.0	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3	April 0.0 0.0 665.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0	AHU 9 Mon May 0.0 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2 3,632.4 7.8	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5	Total 0.0 9.464.6 2.9 9.459.9 2.5 17,143.0 4.11 8,010.7 2.3 5,625.9 1.9 49,704.1 13.5
Level 1 therms therms/hr therms therms/hr therms Level 3 therms/hr therms therms/hr therms/ Level 4 therms/hr Level 5 therms/hr Level 6 therms/hr Monthly Totals therms Monthly Peak HEV/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU)	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4 12.9 1,074,570.0 1,014,683,250	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0	April 0.0 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0	AHU 9 Mon May 0.0 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 AHU 10 Mon May 0.0	thly Heating Coil E June 0.0 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 othly Heating Coil June 0.0	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Senergy Consumptic July 0.0	Aug. 0.0 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 371,666,750	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2 3,632.4 7.8	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 957,950.0 Dec. 0.0	Total 0.0 9.464.6 2.9 9.459.9 2.5 17,143.0 4.1 8.010.7 2.3 5.625.9 1.9 49,704.1 1,124,550.0 7,393,484,875
Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 3 therms/hr Level 4 therms Level 5 therms/hr Level 5 therms/hr Level 6 therms/hr Monthly Totals therms Monthly Peak therm/hr Peak BTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 1 therms	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4 12.9 1,074,570.0 1,014,683,250	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 781,904,375	April 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 537,032,125 April 0.0	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 409,717,000 AHU 10 Mon May 0.0 0.0	thly Heating Coil E June 0.0 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 athly Heating Coil June 0.0	nergy Consumptic July 0.0 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 369,911,500 Energy Consumptic July 0.0 0.0	Aug. 0.0 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 371,666,750	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0	Nov. 0.0 0.0 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 3,632.4 7.8 649,740.0 Nov. 0.0	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 957,950.0 Dec. 0.0	Total 0.0 9.464.6 2.9 9.459.9 2.5 17.143.0 4.1 8,010.7 2.3 5,625.9 1.9 49,704.1 13.5 1,124,550.0 7,393,484,875
Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms therms/hr Level 4 therms therms/hr Level 5 therms Level 6 therms/hr Monthly Totals therms Monthly Peak therm/hr Peak BTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 1 therms	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4 12.9 1,074,570.0 1,014,683,250	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 781,904,375	April 0.0 0.0 665.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 537,032,125	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 409,717,000 AHU 10 Mon May 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 sthly Heating Coil June 0.0 0.0	nergy Consumption July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Energy Consumption July 0.0 0.0 410.6	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 371,666,750 Aug. 0.0 0.0 0.0	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 446,562,375	Nov. 0.0 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2 478.7 1.2 478.7 1.2 540,319,500 Nov. 0.0 0.0 670.2	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 957,950.0 Dec. 0.0 0.0 1,377.7	Total 0.0 9.464.6 2.9 9.459.9 2.5 17,143.0 4.1 8.010.7 2.3 5,625.9 1.9 49,704.1 13.5 1,124,550.0 7,393,484,875 Total 0.0 9,604.0
Level 1 therms Level 2 therms/hr donthly Totals therms Monthly Peak HEU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms/hr Level 2 therms therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625	Feb 0.0 0.0 1.407.3 2.7 1.234.9 2.3 2.11.12 3.9 1.105.8 2.1 962.2 1.9 6,821.4 12.9 1.074,570.0 1.014,683,250 Feb 0.0 0.0 0.0 1.409.5 2.7	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 781,904,375	April 0.0 0.0 665.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 44 2 537,032,125 4 2 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	AHU 9 Mon May 0.0 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 AHU 10 Mon May 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 sthly Heating Coil I June 0.0 0.0 411.9 0.7	nergy Consumptic July 0.0 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Energy Consumptic July 0.0 0.0 0.0 410.6	Aug. 0.0 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 00 Aug. 0.0 0.0 0.0 0.0 0.0	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625 Sep. 0.0 0.0 418.9 0.7	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 3,78.0 0.9 3,002.1 5.8 483,140.0 Oct. 0.0 0.0 520.3 1.1	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 3,632.4 7.8 649,740.0 Nov. 0.0 0.0 670.2 1.5	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 957,950.0 Dec. 0.0 0.0 1,377.7 2.4	Total 0.0 9.464.6 2.9 9.459.9 2.5 17.143.0 4.1 8,010.7 2.3 5,625.9 1.9 49,704.1 13.5 1,124,550.0 7,393,484,875 Total 0.0 0.0 9,604.0 2.9
Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms therms/hr Level 4 therms therms/hr Level 5 therms therms/hr Level 6 therms/hr Monthly Totals therms Monthly Peak therm/hr Peak BTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms therms/hr Level 2 therms therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,226,585,625 Jan 0.0 0.0 0.0 1,751.2 2.9 2,248.0	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4 12.9 1,074,570.0 1,014,683,250 Feb 0.0 0.0 0.0 1,409.5 2.7 1,839.6	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 781,904,375 March 0.0 0.0 1,060.5 2.1 1,479.8	April 0.0 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 537,032,125 April 0.0 0.0 696.0 1.5 1,066.5	AHU 9 Mon May 0.0 0.0 436.6 0.6 559.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 AHU 10 Mon May 0.0 0.0 0.0 462.3 0.7 917.3	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 thly Heating Coil June 0.0 0.0 411.9 0.7 767.0	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Energy Consumptic July 0.0 0.0 410.6 0.6 775.3	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 371,666,750 Aug. 0.0 0.0 414.9 0.6 776.6	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 446,562,375 Oct. 0.0 0.0 520.3 1.1 865.7	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1.263.0 2.5 576.4 1.2 478.7 1.2 3,632.4 7.8 649,740.0 540,319,500 Nov. 0.0 0.0 670.2 1.5 1,022.9	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 957,950.0 978,923,750 Dec. 0.0 0.0 1,377.7 2.4 1,827.4	Total 0.0 9,464.6 2.9 9,459,2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 1.9 49,704.1 13.5 1,124,550.0 7,393,484,875 Total 0.0 0.0 9,604.0 2.9 14,350.9
Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 3 therms/hr Level 4 therms Level 5 therms/hr Level 6 therms/hr Monthly Totals therms Monthly Peak therm/hr Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms/hr Level 2 therms/hr Level 3 therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4 12.9 1,074,570.0 1,014,683,250 Feb 0.0 0.0 1,409.5 2.7 1,839.6 3.4	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 March 0.0 0.0 1,060.5 2.1 1,479.8 2.8	April 0.0 0.0 665.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 633,080.0 636.0 0.0 696.0 1.5 1,066.5 2.1	AHU 9 Mon May 0.0 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 AHU 10 Mon May 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 367,472,000 300 0.0 411.9 0.7 767.0	nergy Consumption July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Senergy Consumption July 0.0 0.0 410.6 0.6 775.3 1.1	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 Aug. 0.0 0.0 414.9 0.6 776.6 1.1	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625 Sep. 0.0 0.0 418.9 0.7 764.8 1.2	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 Oct. 0.0 0.0 520.3 1.1 865.7 1.6	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2 3,632.4 7.8 649,740.0 Nov. 0.0 0.0 670.2 1.5 1,022.9 2.1	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 957,950.0 Dec. 0.0 0.0 1,377.7 2.4 1,627.4 3.1	Total 0.0 9.464.6 2.9 9.459.9 2.5 17,143.0 4.1 8.010.7 2.3 5.625.9 1.9 49,704.1 13.5 1,124,550.0 7,393,484,875 Total 0.0 0.0 9.604.0 2.9 14,350.9 3.7
Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms Level 4 therms therms/hr Level 5 therms therms/hr Level 5 therms therms/hr Level 6 therms/hr Monthly Totals therms Monthly Peak therm/hr Peak BTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms Level 3 therms/hr Level 3 therms/hr Level 3 therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625 Jan 0.0 0.0 1,751.2 2,963.1 1,764.7 1,776.	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 1.9 6,821.4 12.9 1,074,570.0 1,014,683,250 Feb 0.0 0.0 1,409.5 2.7 1,839.6 3.4 1,624.1 1,000.0 0.0 3.4 4,624.1 1,624.1 1,624.1 1,000.0 0.0 3.4 4,624.1 1,6	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 781,904,375 March 0.0 0.0 1,060.5 2.1 1,479.8 2.8 1,290.8	April 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 537,032,125 April 0.0 0.0 696.0 1.5 1,066.5 2.1 916.3	AHU 9 Mon May 0.0 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 409,717,000 AHU 10 Mon May 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	thly Heating Coil E June 0.0 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 thly Heating Coil I June 0.0 0.0 0.0 411.9 0.7 767.0 1.1.6	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Senergy Consumptic July 0.0 0.0 410.6 0.6 775.3 1.1 622.5	Aug. 0.0 0.0 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 371,666,750 On Aug. 0.0 0.0 0.0 414.9 0.6 776.6 1.1 625.5	Sep. 0.0 0.0 408.9 0.6 490.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625 Sep. 0.0 0.0 418.9 0.7 764.8 1.2 619.9	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 Oct. 0.0 0.0 520.3 1.1 865.7 1.6 730.1	Nov. 0.0 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 3,632.4 7.8 649,740.0 Nov. 0.0 0.0 670.2 1.5 1,022.9 2.1 876.5	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 957,950.0 Dec. 0.0 0.0 1,377.7 2.4 1,827.4 3.1 1,608.0	Total 0.0 9.464.6 2.9 9.459.9 2.5 17.143.0 4.1 8.010.7 2.3 5.625.9 1.9 49,704.1 13.5 1,124,550.0 7,393,484,875 Total 0.0 9.604.0 2.9 14,350.9 3.7 12,266.7
Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms therms/hr Level 4 therms therms/hr Level 5 therms/hr Monthly Totals therms Monthly Peak therm/hr Monthly Totals therms Monthly Totals therms/hr therms/hr Level 1 therms therms/hr therms Level 1 therms therms/hr therms therms/hr therms therms/hr therms therms/hr therms	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625 Jan 0.0 0.0 1,751.2 2.9 2,248.0 3.7 1,990.7 3.3	Feb 0.0 0.1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 96.22 1.9 1,074,570.0 1,014,683,250 Feb 0.0 0.0 1,409.5 2.7 1,839.6 3.4 1,624.1 3.0	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 781,904,375 March 0.0 0.0 1,060.5 2.1 1,479.8 2.8 1,290.8	April 0.0 0.0 665.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 537,032,125 April 0.0 0.0 0.0 0.0 1.5 1,066.5 2.1 916.3 1.9	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 409,717,000 AHU 10 Mon May 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 athly Heating Coil June 0.0 0.0 0.1 1.1 618.8 0.9	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Energy Consumptic July 0.0 0.0 0.0 410.6 0.6 775.3 1.1 622.5 0.9	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 371,666,750 Aug. 0.0 0.0 0.0 414.9 0.6 1.1 625.5 0.9	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625 Sep. 0.0 0.0 0.0 0.7 764.8 1.2 619.9 1.0	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 446,562,375 Oct. 0.0 0.0 0.0 520.3 1.1 865.7 1.6 730.1 1.4	Nov. 0.0 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2 478.7 1.2 478.7 1.0 540,319,500 Nov. 0.0 0.0 0.0 0.0 670.2 1.5 1,022.9 2.1 876.5	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 Dec. 0.0 0.1 377.7 2.4 1,827.4 1,827.4 1,827.4 2.8	Total 0.0 9.464.6 2.9 9,459.9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 1.9 49,704.1 13.5 1,124,550.0 7,393,484,875 Total 0.0 0.0 9,604.0 2.9 14,380.9 3.7 12,206.7 3.3
Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 3 therms/hr Level 4 therms Level 5 therms/hr Level 6 therms Monthly Totals therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms Level 2 therms Level 3 therms/hr Level 4 therms Level 5 therms Monthly Peak BTU/hr output (83.3% eff.)	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625 Jan 0.0 0.0 0.0 1,751.2 2,9 2,9 2,9 2,9 2,9 2,9 2,9 2,	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 1.9 6,821.4 12.9 1,074,570.0 1,014,683,250 Feb 0.0 0.0 0.1 4,09.5 2.7 1,839.6 3.4 1,624.1 3.0 1,559.2	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 781,904,375 March 0.0 0.0 1,060.5 2.1 1,479.8 2.8 1,290.8 2.4 1,234.0	April 0.0 0.0 0.0 665.5 1.5 704.3 1.4 1,297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 537,032,125 April 0.0 0.0 0.0 696.0 1.5 1,066.5 2.1 916.3 1.9 862.8	AHU 9 Mon May 0.0 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 AHU 10 Mon May 0.0 0.0 0.6 0.6 0.6 0.6 0.6 0.6	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 athly Heating Coil I June 0.0 0.0 411.9 0.7 767.0 1.1 618.8 0.9 573.3	nergy Consumption July 0.0 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Energy Consumpti July 0.0 0.0 410.6 0.6 775.3 1.1 622.5 0.9 577.6	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 Aug. 0.0 0.0 414.9 0.6 776.6 1.1 625.5 0.9 581.3	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625 Sep. 0.0 0.0 418.9 0.7 764.8 1.2 619.9 1.0 576.6	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 Oct. 0.0 0.0 520.3 1.1 865.7 1.6 730.1 1.4 681.9	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 3,632.4 7.8 649,740.0 Nov. 0.0 0.0 670.2 1.5 1,022.9 2.1 876.5 1.8 827.3	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.5 6,581.0 11.5 Dec. 0.0 0.0 1,377.7 2.4 1,628.0 2.8 1,549.4	Total 0.0 0.0 9,464.6 2.9 9,459,9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 1.9 49,704.1 13.5 1,124,550.0 7,393,484,875 Total 0.0 0.0 9,604.0 2.9 14,350.9 3.7 12,206.7 3.3 11,593.6
Level 1 therms therms/hr therms therms/hr therms Level 3 therms/hr therms Level 3 therms/hr therms therms/hr therms therms/hr therms therms/hr therms Monthly Totals therms Monthly Peak HTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms/hr Level 2 therms therms/hr therms therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625 Jan 0.0 0.0 1,751.2 2.9 2,248.0 3.7 1,990.7 3.3	Feb 0.0 0.1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 96.22 1.9 1,074,570.0 1,014,683,250 Feb 0.0 0.0 1,409.5 2.7 1,839.6 3.4 1,624.1 3.0	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 781,904,375 March 0.0 0.0 1,060.5 2.1 1,479.8 2.8 1,290.8	April 0.0 0.0 665.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 537,032,125 April 0.0 0.0 0.0 0.0 1.5 1,066.5 2.1 916.3 1.9	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 409,717,000 AHU 10 Mon May 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 athly Heating Coil June 0.0 0.0 0.1 1.1 618.8 0.9	nergy Consumptic July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Energy Consumptic July 0.0 0.0 0.0 410.6 0.6 775.3 1.1 622.5 0.9	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 371,666,750 Aug. 0.0 0.0 0.0 414.9 0.6 1.1 625.5 0.9	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625 Sep. 0.0 0.0 0.0 0.7 764.8 1.2 619.9 1.0	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 446,562,375 Oct. 0.0 0.0 0.0 520.3 1.1 865.7 1.6 730.1 1.4	Nov. 0.0 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 478.7 1.2 478.7 1.2 478.7 1.0 540,319,500 Nov. 0.0 0.0 0.0 0.0 670.2 1.5 1,022.9 2.1 876.5	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 Dec. 0.0 0.1 377.7 2.4 1,827.4 1,827.4 1,827.4 2.8	Total 0.0 9.464.6 2.9 9,459.9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 1.9 49,704.1 13.5 1,124,550.0 7,393,484,875 Total 0.0 0.0 9,604.0 2.9 14,380.9 3.7 12,206.7 3.3
Level 1 therms therms/hr therms/hr therms Level 3 therms/hr therms therms/hr therms therms/hr therms therms/hr therms therms/hr therms Monthly Totals therms Monthly Peak therm/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625 Jan 0.0 0.0 1,751.2 2.9 2,248.0 3,7 1,990.7 3.3 1,928.4 3,2	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4 12.9 1,074,570.0 1,014,683,250 Feb 0.0 0.0 1,409.5 2.7 1,839.6 3.4 1,624.1 3.0 1,569.2 3.0	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 781,904,375 March 0.0 0.0 1,060.5 2.1 1,479.8 2.8 1,290.8 2.4 1,234.0 2.4	April 0.0 0.0 1.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 537,032,125 April 0.0 0.0 696.0 1.5 1,066.5 2.1 916.3 1.9 862.8 1.8	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 409,717,000 AHU 10 Mon May 0.0 0.0 0.0 0.0 0.6 0.6 0.6 0.6	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 sthly Heating Coil June 0.0 0.0 411.9 0.7 767.0 1.1 618.8 0.9 573.3 0.9	nergy Consumption July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 369,911,500 Energy Consumption July 0.0 0.0 410.6 0.6 775.3 1.1 622.5 0.9 577.6 0.9	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 Aug. 0.0 0.0 414.9 0.6 1.1 625.5 0.9 581.3 0.9	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625 Sep. 0.0 0.0 0.0 418.9 0.7 764.8 1.2 619.9 1.0 576.6	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 446,562,375 Oct. 0.0 0.0 520.3 1.1 1.6 730.1 1.4 681.9 1.3	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1.263.0 2.5 576.4 1.2 478.7 1.2 3,632.4 7.8 649,740.0 540,319,500 Nov. 0.0 0.0 670.2 1.5 1.6 1.7 876.5 1.8 827.3 1.7	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 Dec. 0.0 0.1 377.7 2.4 1,827.4 3.1 1,608.0 2.8 1,549.4 2.7	Total
Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms therms/hr Level 4 therms therms/hr Level 5 therms/hr Level 6 therms/hr Monthly Totals therms Monthly Peak therm/hr Level 1 therms Level 1 therms Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 4 therms/hr Level 5 therms/hr Level 5 therms/hr Level 6 therms/hr Level 8 therms/hr Level 9 therms/hr Level 9 therms/hr Level 1 therms Level 1 therms Level 1 therms Level 3 therms/hr Level 4 therms/hr Level 5 therms/hr Level 6 therms/hr Level 7 therms/hr Level 8 therms/hr Level 9 therms/hr Level 9 therms/hr Level 1 therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625 Jan 0.0 0.0 1,751.2 2.9 2,248.0 3.7 1,990.7 3.3 1,928.4 3.2 1,740.5 3.2 9,658.8	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 96.821.4 12.9 1,074,570.0 1,014,683,250 Feb 0.0 0.0 1,409.5 2.7 1,839.6 3.4 1,624.1 3.0 1,569.2 3.0 1,819.0 3.6 8,261.4	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 781,904,375 March 0.0 0.0 1,060.5 2.1 1,479.8 2.8 1,290.8 2.4 1,134.7 2.6 6,246.8	April 0.0 0.0 665.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 537,032,125 April 0.0 0.0 696.0 1.5 1,066.5 2.1 916.3 1.9 862.8 1.8 666.6 1.6 4,208.2	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 4.2 349,860.0 409,717,000 AHU 10 Mon May 0.0 0.0 0.0 0.0 0.6 253.7 0.4 0.6 253.7 0.4 0.7 1.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 athly Heating Coil June 0.0 0.0 1.1 618.8 0.9 573.3 0.9 461.3 0.7 2,832.3	nergy Consumption July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Senergy Consumption July 0.0 0.0 410.6 0.6 775.3 1.1 62.5 0.9 577.6 0.9 449.5 0.7	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 371,666,750 Aug. 0.0 0.0 0.0 414.9 0.6 1.1 625.5 0.9 581.3 0.9 448.4 0.7 2,886.7	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625 Sep. 0.0 0.0 0.0 418.9 0.7 764.8 1.2 619.9 1.0 576.6 0.9 452.4 0.8 2,832.6	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 446,562,375 Oct. 0.0 0.0 520.3 1.1 1.6 730.1 1.4 681.9 1.3 732.0 1.8 3,530.0	Nov. 0.0 0.0 0.0 640.1 1.5 674.2 1.4 1.263.0 2.5 576.4 1.2 478.7 1.2 478.7 1.2 3,632.4 7.8 649,740.0 Nov. 0.0 0.0 0.0 670.2 1.5 1,022.9 2.1 876.5 1.8 827.3 1.7 915.6 2.2 4,312.5	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 Dec. 0.0 0.1 377.7 2.4 1,827.4 3.1 1,608.0 2.8 1,549.4 2.7 1,472.9 2.8 7,835.4	Total 0.0 9,464.6 2.9 9,459.9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 49,704.1 13.5 1,124,550.0 7,393,484,875 Total 0.0 9,604.0 2.9 14,350.9 14,350.9 14,350.9 13,37 11,593.6 3.3 11,593.6 3.6 3.6,60.4
Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms Level 4 therms therms/hr Level 5 therms therms/hr Level 5 therms/hr Monthly Totals therms Monthly Peak therm/hr Peak BTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms/hr Level 3 therms Level 4 therms therms/hr therms/hr Level 4 therms therms/hr therms/hr therms Level 5 therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625 Jan 0.0 0.0 1,751.2 2,9 2,248.0 3,7 1,990.7 3,3 1,928.4 3,2 1,740.5 3,2	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4 12.9 1,074,570.0 1,014,683,250 Feb 0.0 0.0 1,409.5 2.7 1,839.6 3.4 1,624.1 3.0 1,569.2 3.0 1,819.0 3.6	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 781,904,375 March 0.0 0.0 1,060.5 2.1 1,479.8 2.8 1,290.8 2.4 1,234.0 2.4 1,181.7 2.6	April 0.0 0.0 665.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 636.0 1.5 1,066.5 1.5 1,066.5 2.1 916.3 1.9 862.8 1.8 666.6 1.6	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 AHU 10 Mon May 0.0 0.0 0.0 409,717,000 AHU 10 Mon May 0.0 0.0 1.6 683.5 1.6 683.5 1.0 0.9 505.3	thly Heating Coil E June 0.0 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 sthly Heating Coil June 0.0 0.0 0.0 1.1 618.8 0.9 9573.3 0.9 461.3	nergy Consumptic July 0.0 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Senergy Consumpti July 0.0 0.0 410.6 6775.3 1.1 1.1 622.5 0.9 577.6 0.9 449.5	Aug. 0.0 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 The state of the s	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625 Sep. 0.0 0.0 418.9 0.7 764.8 1.2 619.9 1.0 576.6 0.9 452.4 0.8	Oct. 0.0 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 446,562,375 Oct. 0.0 0.0 520.3 1.1 865.7 1.6 730.1 1.4 681.9 1.3 732.0 1.8	Nov. 0.0 0.0 640.1 1.5 674.2 1.4 1,263.0 2.5 576.4 1.2 3,632.4 7.8 649,740.0 Nov. 0.0 0.0 670.2 1.5 1,022.9 2.1 876.5 1.8 827.3 1.7 915.6 2.2	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 957,950.0 Dec. 0.0 0.0 1,377.7 2.4 1,827.4 3.1 1,608.0 2.8 1,549.4 2.7 1,472.9 2.8	Total 0.0 0.0 9,464.6 2.9 9,459.9 2.5 17,143.0 4.1 8,010.7 2.3 3,625.9 1.9 49,704.1 13.5 1,124,550.0 7,393,484,875 Total 0.0 0.0 9,604.0 2.9 14,350.9 11,293.6 3.3 11,593.6 3.2 10,845.2 3.6
Level 1 therms therms/hr Level 2 therms Level 3 therms Level 4 therms Level 4 therms/hr Level 5 therms/hr Level 5 therms/hr Monthly Totals therms Level 1 therms Level 2 therms/hr Level 2 therms Level 3 therms Level 4 therms Level 4 therms Level 5 therms/hr Level 5 therms/hr Level 6 therms/hr Level 6 therms/hr Level 7 therms Level 8 therms/hr Level 9 therms/hr Level 9 therms/hr Level 1 therms Level 1 therms Level 3 therms/hr Level 5 therms/hr Level 6 therms/hr Level 6 therms/hr Level 8 therms/hr Level 9 therms/hr Level 9 therms/hr Level 1 therms Monthly Totals therms	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625 Jan 0.0 0.0 1,751.2 2.9 2,248.0 3.7 1,990.7 3.3 1,928.4 3.2 1,740.5 3.2 9,658.8	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 96.821.4 12.9 1,074,570.0 1,014,683,250 Feb 0.0 0.0 1,409.5 2.7 1,839.6 3.4 1,624.1 3.0 1,569.2 3.0 1,819.0 3.6 8,261.4	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 781,904,375 March 0.0 0.0 1,060.5 2.1 1,479.8 2.8 1,290.8 2.4 1,134.7 2.6 6,246.8	April 0.0 0.0 665.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 537,032,125 April 0.0 0.0 696.0 1.5 1,066.5 2.1 916.3 1.9 862.8 1.8 666.6 1.6 4,208.2	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 4.2 349,860.0 409,717,000 AHU 10 Mon May 0.0 0.0 0.0 0.0 0.6 253.7 0.4 0.6 253.7 0.4 0.7 1.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 athly Heating Coil June 0.0 0.0 1.1 618.8 0.9 573.3 0.9 461.3 0.7 2,832.3	nergy Consumption July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Energy Consumption July 0.0 0.0 410.6 0.6 775.3 1.1 62.5 0.9 577.6 0.9 449.5 0.7	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 371,666,750 Aug. 0.0 0.0 0.0 414.9 0.6 1.1 625.5 0.9 581.3 0.9 448.4 0.7 2,886.7	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625 Sep. 0.0 0.0 0.0 418.9 0.7 764.8 1.2 619.9 1.0 576.6 0.9 452.4 0.8 2,832.6	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 446,562,375 Oct. 0.0 0.0 520.3 1.1 1.6 730.1 1.4 681.9 1.3 732.0 1.8 3,530.0	Nov. 0.0 0.0 0.0 640.1 1.5 674.2 1.4 1.263.0 2.5 576.4 1.2 478.7 1.2 478.7 1.2 3,632.4 7.8 649,740.0 Nov. 0.0 0.0 0.0 670.2 1.5 1,022.9 2.1 876.5 1.8 827.3 1.7 915.6 2.2 4,312.5	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 Dec. 0.0 0.1 377.7 2.4 1,827.4 3.1 1,608.0 2.8 1,549.4 2.7 1,472.9 2.8 7,835.4	Total 0.0 9,464.6 2.9 9,459.9 2.5 17,143.0 4.1 8,010.7 2.3 5,625.9 49,704.1 13.5 1,124,550.0 7,393,484,875 Total 0.0 9,604.0 2.9 14,350.9 14,350.9 14,350.9 13,37 11,593.6 3.3 11,593.6 3.6 3.6,60.4
Level 1 therms therms/hr therms/hr therms Monthly Totals therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625 Jan 0.0 0.0 1,751.2 2.9 2,248.0 3.7 1,990.7 3.3 1,928.4 3.2 1,740.5 3.2 9,658.8 16.3	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4 12.9 1,074,570.0 1,014,683,250 Feb 0.0 0.0 0.0 1,409.5 2.7 1,839.6 3.4 1,624.1 3.0 1,569.2 3.0 1,819.0 3.6 8,261.4 15.7	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 March 0.0 0.0 1,060.5 2.1 1,479.8 2.8 1,290.8 2.4 1,234.0 2.4 1,181.7 2.6 6,246.8 12.3	April 0.0 0.0 1.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 537,032,125 April 0.0 0.0 0.0 1.5 1,066.5 2.1 916.3 1.9 862.8 1.8 666.6 1.6 4,208.2 8.9	AHU 9 Mon May 0.0 0.0 436.6 0.6 559.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 AHU 10 Mon May 0.0 0.0 0.0 462.3 0.7 917.3 1.6 683.5 1.0 631.8 0.9 505.3 0.8 3,200.2 5.0	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 athly Heating Coil June 0.0 0.0 1.1 618.8 0.9 573.3 0.9 451.3 0.7 2,832.3 4.3	nergy Consumption July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Energy Consumption July 0.0 0.0 410.6 0.6 775.3 1.1 622.5 0.9 577.6 0.9 449.5 0.7 2,835.5 4.2	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 371,666,750 On Aug. 0.0 0.0 414.9 0.6 1.1 625.5 0.9 581.3 0.9 488.4 0.7 2,846.7 4,2	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625 Sep. 0.0 0.0 0.0 1.2 619.9 1.0 576.6 0.9 452.4 0.8 2,832.6 4.6	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 Oct. 0.0 0.0 1.1 865.7 1.6 730.1 1.4 681.9 1.3 732.0 1.8 3,530.0 7.2	Nov. 0.0 0.0 0.0 640.1 1.5 674.2 1.4 1.263.0 2.5 576.4 1.2 478.7 1.2 478.7 1.2 3,632.4 7.8 649,740.0 Nov. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.5 1,022.9 2.1 876.5 1.8 827.3 1.7 915.6 2.2 4,312.5 9.3	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 Dec. 0.0 0.0 1,377.7 2.4 1,827.4 3.1 1,608.0 2.8 1,549.4 2.7 1,472.9 2.8 7,835.4 13.8	Total
Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms therms/hr Level 4 therms therms/hr Level 5 therms therms/hr Monthly Totals therms Level 1 therms therms/hr Level 2 therms therms/hr therms Level 4 therms Level 4 therms Level 5 therms therms/hr	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625 Jan 0.0 0.0 1,751.2 2.9 2,248.0 3.7 1,990.7 3.3 1,928.4 3.2 1,740.5 3.2 9,658.8	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 96.821.4 12.9 1,074,570.0 1,014,683,250 Feb 0.0 0.0 1,409.5 2.7 1,839.6 3.4 1,624.1 3.0 1,569.2 3.0 1,819.0 3.6 8,261.4	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 781,904,375 March 0.0 0.0 1,060.5 2.1 1,479.8 2.8 1,290.8 2.4 1,134.7 2.6 6,246.8	April 0.0 0.0 665.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 537,032,125 April 0.0 0.0 696.0 1.5 1,066.5 2.1 916.3 1.9 862.8 1.8 666.6 1.6 4,208.2	AHU 9 Mon May 0.0 0.0 436.6 0.6 599.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 4.2 349,860.0 409,717,000 AHU 10 Mon May 0.0 0.0 0.0 0.0 0.6 253.7 0.4 0.6 253.7 0.4 0.7 1.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 athly Heating Coil June 0.0 0.0 1.1 618.8 0.9 573.3 0.9 461.3 0.7 2,832.3	nergy Consumption July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Energy Consumption July 0.0 0.0 410.6 0.6 775.3 1.1 62.5 0.9 577.6 0.9 449.5 0.7	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 371,666,750 Aug. 0.0 0.0 0.0 414.9 0.6 1.1 625.5 0.9 581.3 0.9 448.4 0.7 2,886.7	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625 Sep. 0.0 0.0 0.0 418.9 0.7 764.8 1.2 619.9 1.0 576.6 0.9 452.4 0.8 2,832.6	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 446,562,375 Oct. 0.0 0.0 520.3 1.1 1.6 730.1 1.4 681.9 1.3 732.0 1.8 3,530.0	Nov. 0.0 0.0 0.0 640.1 1.5 674.2 1.4 1.263.0 2.5 576.4 1.2 478.7 1.2 478.7 1.2 3,632.4 7.8 649,740.0 Nov. 0.0 0.0 0.0 670.2 1.5 1,022.9 2.1 876.5 1.8 827.3 1.7 915.6 2.2 4,312.5	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 Dec. 0.0 0.1 377.7 2.4 1,827.4 3.1 1,608.0 2.8 1,549.4 2.7 1,472.9 2.8 7,835.4	Total
Level 1 therms therms/hr Level 2 therms Level 3 therms/hr Level 4 therms therms/hr Level 5 therms Level 6 therms/hr Monthly Totals therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms Level 3 therms/hr Level 3 therms/hr Level 4 therms Level 5 therms Level 6 therms Level 1 therms Level 1 therms Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 3 therms/hr Level 4 therms Level 5 therms Level 6 therms/hr Level 6 therms Level 7 therms Level 8 therms/hr Level 9 therms/hr Lev	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625 Jan 0.0 0.0 1,751.2 2.9 2,248.0 3.7 1,990.7 3.3 1,928.4 3.2 1,740.5 3.2 9,658.8 16.3	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4 112.9 1,074,570.0 1,014,683,250 Feb 0.0 0.0 0.0 1,409.5 2.7 1,839.6 3.4 1,624.1 3.0 1,569.2 3.0 1,819.0 3.6 8,261.4 15.7	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 March 0.0 0.0 1,060.5 2.1 1,479.8 2.8 1,290.8 2.4 1,234.0 2.4 1,181.7 2.6 6,246.8 12.3	April 0.0 0.0 1.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 537,032,125 April 0.0 0.0 0.0 1.5 1,066.5 2.1 916.3 1.9 862.8 1.8 666.6 1.6 4,208.2 8.9	AHU 9 Mon May 0.0 0.0 436.6 0.6 559.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 AHU 10 Mon May 0.0 0.0 0.0 462.3 0.7 917.3 1.6 683.5 1.0 631.8 0.9 505.3 0.8 3,200.2 5.0	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 athly Heating Coil June 0.0 0.0 1.1 618.8 0.9 573.3 0.9 451.3 0.7 2,832.3 4.3	nergy Consumption July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Energy Consumption July 0.0 0.0 410.6 0.6 775.3 1.1 622.5 0.9 577.6 0.9 449.5 0.7 2,835.5 4.2	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 371,666,750 On Aug. 0.0 0.0 414.9 0.6 1.1 625.5 0.9 581.3 0.9 488.4 0.7 2,846.7 4,2	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625 Sep. 0.0 0.0 0.0 1.2 619.9 1.0 576.6 0.9 452.4 0.8 2,832.6 4.6	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 Oct. 0.0 0.0 1.1 865.7 1.6 730.1 1.4 681.9 1.3 732.0 1.8 3,530.0 7.2	Nov. 0.0 0.0 0.0 640.1 1.5 674.2 1.4 1.263.0 2.5 576.4 1.2 478.7 1.2 478.7 1.2 3,632.4 7.8 649,740.0 Nov. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.5 1,022.9 2.1 876.5 1.8 827.3 1.7 915.6 2.2 4,312.5 9.3	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 Dec. 0.0 0.0 1,377.7 2.4 1,827.4 3.1 1,608.0 2.8 1,549.4 2.7 1,472.9 2.8 7,835.4 13.8	Total
Level 1 therms therms/hr therms/hr Monthly Total Stherms therms/hr therms therms/hr therms/therms/hr therms therms/hr therms therms/hr therms therms/hr therm	Jan 0.0 0.0 1,754.5 2.9 1,512.3 2.5 2,563.1 4.1 1,361.7 2.3 919.9 1.7 8,111.5 13.5 1,124,550.0 1,206,585,625 Jan 0.0 0.0 1,751.2 2.9 2,248.0 3.7 1,990.7 3.3 1,928.4 3.2 1,740.5 3.2 9,658.8 16.3	Feb 0.0 0.0 1,407.3 2.7 1,234.9 2.3 2,111.2 3.9 1,105.8 2.1 962.2 1.9 6,821.4 112.9 1,074,570.0 1,014,683,250 Feb 0.0 0.0 0.0 1,409.5 2.7 1,839.6 3.4 1,624.1 3.0 1,569.2 3.0 1,819.0 3.6 8,261.4 15.7	March 0.0 0.0 1,040.8 2.1 985.9 1.9 1,744.4 3.2 864.0 1.7 621.4 1.4 5,256.5 10.3 857,990.0 March 0.0 0.0 1,060.5 2.1 1,479.8 2.8 1,290.8 2.4 1,234.0 2.4 1,181.7 2.6 6,246.8 12.3	April 0.0 0.0 1.5 1.5 704.3 1.4 1.297.8 2.5 598.5 1.3 344.2 0.9 3,610.3 7.6 633,080.0 537,032,125 April 0.0 0.0 0.0 1.5 1,066.5 2.1 916.3 1.9 862.8 1.8 666.6 1.6 4,208.2 8.9	AHU 9 Mon May 0.0 0.0 436.6 0.6 559.2 1.1 1,038.3 1.5 426.6 0.6 253.7 0.4 2,754.4 4.2 349,860.0 AHU 10 Mon May 0.0 0.0 0.0 462.3 0.7 917.3 1.6 683.5 1.0 631.8 0.9 505.3 0.8 3,200.2 5.0	thly Heating Coil E June 0.0 0.0 412.4 0.6 488.4 0.8 965.4 1.4 375.8 0.6 228.4 0.4 2,470.4 3.8 316,540.0 367,472,000 athly Heating Coil June 0.0 0.0 1.1 618.8 0.9 573.3 0.9 451.3 0.7 2,832.3 4.3	nergy Consumption July 0.0 0.0 420.8 0.6 489.5 0.7 981.8 1.4 374.7 0.6 220.0 0.4 2,486.8 3.7 308,210.0 Energy Consumption July 0.0 0.0 410.6 0.6 775.3 1.1 622.5 0.9 577.6 0.9 449.5 0.7 2,835.5 4.2	Aug. 0.0 0.0 419.6 0.6 492.6 0.7 986.3 1.4 380.9 0.6 219.2 0.4 2,498.6 3.7 308,210.0 371,666,750 On Aug. 0.0 0.0 414.9 0.6 1.1 625.5 0.9 581.3 0.9 488.4 0.7 2,846.7 4,2	Sep. 0.0 0.0 408.9 0.6 490.8 0.8 970.6 1.4 385.6 0.6 222.8 0.4 2,478.7 3.8 316,540.0 368,706,625 Sep. 0.0 0.0 0.0 1.2 619.9 1.0 576.6 0.9 452.4 0.8 2,832.6 4.6	Oct. 0.0 0.0 491.3 1.0 562.5 1.1 1,101.8 1.9 468.5 0.9 378.0 0.9 3,002.1 5.8 483,140.0 Oct. 0.0 0.0 1.1 865.7 1.6 730.1 1.4 681.9 1.3 732.0 1.8 3,530.0 7.2	Nov. 0.0 0.0 0.0 640.1 1.5 674.2 1.4 1.263.0 2.5 576.4 1.2 478.7 1.2 478.7 1.2 3,632.4 7.8 649,740.0 Nov. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.5 1,022.9 2.1 876.5 1.8 827.3 1.7 915.6 2.2 4,312.5 9.3	Dec. 0.0 0.0 1,366.8 2.4 1,225.3 2.1 2,119.3 3.6 1,092.2 1.9 777.4 1.5 6,581.0 11.5 Dec. 0.0 0.0 1,377.7 2.4 1,827.4 3.1 1,608.0 2.8 1,549.4 2.7 1,472.9 2.8 7,835.4 13.8	Total

					AHU 11 Mon	thly Heating Coil I	nergy Consumpti	on					
	Jan	Feb	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Level 1 therms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
therms/hr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Level 2 therms therms/hr	2,218.4 3.7	1,782.8 3.4	1,331.7 2.7	865.1 1.9	568.4 0.8	511.6 0.8	511.7 0.8	515.3 0.8	516.5 0.8	1.3	831.7 1.9	1,738.5 3.1	12,031.9
therms	2,879.0	2,351.4	1,879.1	1,343.5	1,147.7	950.7	958.8	962.0	951.3	1,083.7	1,291.3	2,334.4	18,132.9
Level 3 therms/hr	4.7	4.4	3.5	2.7	2.1	1.4	1.4	1.4	1.5	2.0	2.7	4.0	4.7
Level 4 therms	4,041.6	3,320.3	2,713.5	1,990.6	1,570.0	1,465.5	1,493.5	1,499.2	1,471.7	1,672.1	1,933.5	3,318.7	26,490.2
therms/hr	6.5 2,707.7	6.1 2,208.4	4.9 1,753.7	3.8 1,238.7	2.2 920.4	2.1 837.8	2.1 847.7	2.1 858.0	2.2 854.9	2.9 1,003.0	3.8 1,200.4	5.6 2,189.3	6.5 16,620.0
Level 5 therms therms/hr	4.4	4.1	3.3	1,238.7	1.3	1.3	1.2	1.3	1.3	1.8	2.5	3.8	4.4
therms	2,341.5	2,446.3	1,584.6	889.0	671.1	613.5	599.6	600.2	606.1	981.4	1,229.8	1,981.1	14,544.2
Level 6 therms/hr	4.3	4.9	3.4	2.2	1.1	1.0	1.0	1.0	1.0	2.4	2.9	3.8	4.9
Monthly Totals therms	14,188.2	12,109.2	9,262.6	6,326.9	4,877.6	4,379.1	4,411.3	4,434.7	4,400.5	5,380.4	6,486.7	11,562.0	87,819.2
Monthly Peak therm/hr	23.6	22.9	17.8	12.1	7.5	6.6	6.5	6.6	6.8	10.4	13.8	20.3	23.6
Peak BTU/hr output					T				T				
(83.3% eff.)	1,965,880.0	1,907,570.0	1,482,740.0	1,007,930.0	624,750.0	549,780.0	541,450.0	549,780.0	566,440.0	866,320.0	1,149,540.0	1,690,990.0	1,965,880.0
Monthly Total Consumed			5- 1950-0010010000-0010-001	120000 of 00000 of 0000000		A C A C C A C A C A C A C A C A C A C A		NO.2346.40444440.0000	H1727 TO THE THE TO THE			110 C 100 TO COO LOCATO	
by CGT for steam (BTU)	2,110,494,750	1,801,243,500	1,377,811,750	941,126,375	725,543,000	651,391,125	656,180,875	659,661,625	654,574,375	800,334,500	964,896,625	1,719,847,500	13,063,106,000
					AHU 12 Mon	thly Heating Coil I	nergy Consumpti	on					
	Jan	Feb	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Level 1 therms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
therms/hr therms	0.0 1,309.4	0.0 1,049.0	0.0 775.9	0.0 494.6	0.0 307.7	0.0 263.7	0.0 260.3	0.0 267.6	0.0 278.8	0.0 362.1	0.0 480.8	0.0 1,023.1	0.0 6,873.0
Level 2 therms/hr	2.2	2.0	1.6	1.1	0.5	0.4	0.4	0.4	0.5	0.8	1.1	1.8	2.2
Level 3 therms	1,765.9	1,441.6	1,153.5	823.0	697.3	568.4	571.3	581.1	586.5	674.4	804.4	1,437.5	11,104.9
therms/hr	2.9	2.7	2.2	1.7	1.3	0.9	0.9	0.9	0.9	1.3	1.6	2.5	2.9
Level 4 therms	1,490.0	1,213.3	958.7	673.6	491.3	436.4	437.2	444.1	447.6	536.7	650.2	1,201.9	8,981.0
therms/hr therms	2.5 1,487.3	2.3 1,211.9	1.8 961.9	1.4 678.6	0.7 498.0	0.7 443.0	0.7 444.8	0.7 453.7	0.7 459.2	1.0 549.1	1.4 660.9	2.1 1,204.3	2.5 9,052.7
Level 5 therms/hr	2.5	2.3	1.8	1.4	0.7	0.7	0.7	0.7	0.7	1.0	1.4	2.1	2.5
Level 6 therms	1,002.5	1,047.0	670.2	360.2	254.7	224.7	210.8	213.7	226.3	404.6	519.0	847.3	5,981.0
therms/nr	1.9	2.1	1.5	0.9	0.5	0.4	0.4	0.4	0.4	1.0	1.3	1.6	2.1
Monthly Totals therms Monthly Peak therm/hr	7,055.1 12.0	5,962.8 11.4	4,520.2 8.9	3,030.0 6.5	2,249.0 3.7	1,936.2 3.1	1,924.4 3.1	1,960.2 3.1	1,998.4 3.2	2,526.9 5.1	3,115.3 6.8	5,714.1 10.1	41,992.6 12.0
Worlding Feak thermyth	12.0	11.4	6.5	0.5	3.7	3.1	3.1	3.1	3.2	3.1	0.6	10.1	12.0
Peak BTU/hr output (83.3% eff.)	999,600.0	949,620.0	741,370.0	541,450.0	308,210.0	258,230.0	258,230.0	258,230.0	266,560.0	424,830.0	566,440.0	841,330.0	999,600.0
Monthly Total Consumed by CGT for steam (BTU)	1,049,446,125	886,966,500	672,379,750	450,712,500	334,538,750	288,009,750	286,254,500	291,579,750	297,262,000	375,876,375	463,400,875	849,972,375	6,246,399,250
	1					thly Heating Coil I			W-00175 III				
therms	Jan 0.0	Feb 0.0	March 0.0	April 0.0	0.0	June 0.0	July 0.0	Aug. 0.0	Sep. 0.0	Oct. 0.0	Nov. 0.0	Dec. 0.0	Total 0.0
Level 1 therms/hr	0.0	0.0	0.0	0.0									
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Level 2 therms	1,344.4	1,083.5	820.5	542.8	364.4	324.1	323.6	328.8	333.8	413.1	526.8	1,062.3	7,468.1
therms/hr	1,344.4 2.2	1,083.5 2.1	820.5 1.6	542.8 1.2	364.4 0.5	324.1 0.5	323.6 0.5	328.8 0.5	333.8 0.5	413.1 0.8	526.8 1.2	1,062.3 1.9	7,468.1 2.2
therms/hr	1,344.4 2.2 1,597.6	1,083.5 2.1 1,306.1	820.5 1.6 1,047.8	542.8 1.2 751.8	364.4 0.5 642.6	324.1 0.5 532.4	323.6 0.5 537.2	328.8 0.5 540.9	333.8 0.5 536.9	413.1 0.8 611.1	526.8 1.2 725.1	1,062.3 1.9 1,298.4	7,468.1 2.2 10,127.9
Level 3 therms/hr Level 3 therms/hr therms/hr	1,344.4 2.2 1,597.6 2.6	1,083.5 2.1 1,306.1 2.4	820.5 1.6 1,047.8 2.0	542.8 1.2 751.8 1.5	364.4 0.5	324.1 0.5 532.4 0.8	323.6 0.5	328.8 0.5	333.8 0.5	413.1 0.8	526.8 1.2	1,062.3 1.9 1,298.4 2.2	7,468.1 2.2 10,127.9 2.6
therms/hr	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0	820.5 1.6 1,047.8 2.0 860.1 1.6	542.8 1.2 751.8 1.5 616.8 1.2	364.4 0.5 642.6 1.2 464.0 0.7	324.1 0.5 532.4 0.8 416.8 0.7	323.6 0.5 537.2 0.8 419.0 0.6	328.8 0.5 540.9 0.8 424.5 0.6	333.8 0.5 536.9 0.8 425.6 0.7	413.1 0.8 611.1 1.1 502.3 0.9	526.8 1.2 725.1 1.5 597.3 1.2	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2
Level 2 therms/hr Level 3 therms therms/hr Level 4 therms therms/hr therms/hr therms/hr therms	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4	542.8 1.2 751.8 1.5 616.8 1.2 627.9	364.4 0.5 642.6 1.2 464.0 0.7 466.4	324.1 0.5 532.4 0.8 416.8 0.7 421.2	323.6 0.5 537.2 0.8 419.0 0.6 424.3	328.8 0.5 540.9 0.8 424.5 0.6 429.8	333.8 0.5 536.9 0.8 425.6 0.7 430.1	413.1 0.8 611.1 1.1 502.3 0.9 507.9	526.8 1.2 725.1 1.5 597.3 1.2 608.8	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7
Level 2 therms/hr Level 3 therms/hr therms/hr Level 4 therms/hr therms/h	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6	333.8 0.5 536.9 0.8 425.6 0.7 430.1	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3
Level 2 therms/hr Level 3 therms therms/hr Level 4 therms therms/hr therms/hr therms/hr therms	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4	542.8 1.2 751.8 1.5 616.8 1.2 627.9	364.4 0.5 642.6 1.2 464.0 0.7 466.4	324.1 0.5 532.4 0.8 416.8 0.7 421.2	323.6 0.5 537.2 0.8 419.0 0.6 424.3	328.8 0.5 540.9 0.8 424.5 0.6 429.8	333.8 0.5 536.9 0.8 425.6 0.7 430.1	413.1 0.8 611.1 1.1 502.3 0.9 507.9	526.8 1.2 725.1 1.5 597.3 1.2 608.8	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7
Level 2 therms/hr therms therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1
Level 2 therms/hr	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 0.8	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6
Level 2 therms/hr	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4 6,290.7	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 0.8 2,222.3	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1
Level 3 therms/hr Level 3 therms therms therms Level 4 therms/hr Level 5 therms/hr Level 5 therms/hr Level 6 therms/hr Monthly Totals therms Monthly Peak Herm/hr Peak BTU/hr output	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4 6,290.7 12.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5 6.7	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 0.8 2,222.3 3.3	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1 12.3
Level 3 therms/hr Level 3 therms therms therms Level 4 therms/hr Level 5 therms/hr Level 5 therms/hr Level 6 therms/hr Monthly Totals therms Monthly Peak HEV/hr output (83.3% eff.) Monthly Total Consumed	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4 6,290.7 12.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5 6.7	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 0.8 2,222.3 3.3 274,890.0	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1 12,3
Level 3 therms/hr Level 3 therms therms Level 4 therms/hr Level 5 therms/hr Level 5 therms/hr Level 6 therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU)	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3 1,024,590.0	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,774.1 3.4 6,290.7 12.0 999,600.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3 774,690.0	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5 6.7 558,110.0	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0 AHU 14 Mon May	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5 291,550.0	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3 274,890.0	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 2,222.3 3.3 274,890.0	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4 283,220.0	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2 433,160.0	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9 574,770.0	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4 866,320.0 883,485,750 Dec.	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1 12.3 1,024,590.0 6,654,048,625
Level 3 therms/hr Level 3 therms therms therms/hr Level 4 therms therms/hr Level 5 therms therms/hr Level 6 therms hr Monthly Totals therms Monthly Peak therm/hr Peak BTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU)	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3 1,024,590.0 1,081,338,125	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4 6,290.7 12.0 999,600.0 935,741,625	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3 774,690.0 March 2,768.5	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5 6.7 558,110.0 April 1,816.8	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0 367,962,875 AHU 14 Mor	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5 291,550.0 326,788,875 withly Heating Coil June 1,184.2	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3 274,890.0	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 2,222.3 3.3 274,890.0 Aug. 1,220.1	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4 283,220.0	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2 433,160.0 Oct. 1,404.2	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9 574,770.0 Nov. 1,769.5	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4 866,320.0 883,485,750 Dec. 3,600.2	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1 12.3 1,024,590.0 6,654,048,625
Level 3 therms/hr Level 3 therms therms therms Level 4 therms/hr Level 5 therms/hr Level 5 therms therms/hr Level 6 therms/hr Monthly Totals therms Monthly Peak HEU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU)	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3 1,024,590.0 1,081,338,125 Jan 4,583.7 7.6	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4 6,290.7 12.0 999,600.0 935,741,625 Feb 3,688.8 7.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3 774,690.0 March 2,768.5 5.4	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5 6,7 558,110.0 477,561,875 April 1,816.8 3.9	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0 367,962,875 AHU 14 Mor	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5 291,550.0 326,788,875 tthly Heating Coil June 1,184.2 1.7	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3 274,890.0 327,978,875 Energy Consumpti	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 0.8 2,222.3 3.3 274,890.0 330,567,125 on Aug. 1,220.1	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4 283,220.0 \$\$30,909,250\$ \$\$\$\$ \$	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2 433,160.0 Oct. 1,404.2 2.7	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9 574,770.0 Nov. 1,769.5 3.9	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4 866,320.0 883,485,750 Dec. 3,600.2 6.3	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1 12.3 1,024,590.0 6,654,048,625 Total 25,902.6 7.6
Level 3 therms/hr Level 3 therms therms therms Level 4 therms therms/hr therms therms/hr therms Level 5 therms/hr Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 1 therms Level 2 therms Level 1 therms Level 2 therms	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3 1,024,590.0 1,081,338,125 Jan 4,583.7 7.6 0.0	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4 6,290.7 12.0 999,600.0 935,741,625 Feb 3,688.8 7.0 0.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3 774,690.0 March 2,768.5 5.4 0.0	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5 6,7 558,110.0 477,561,875 April 1,816.8 3.9 0.0	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0 367,962,875 AHU 14 Mor May 1,450.1 2.8 0.0	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5 291,550.0 326,788,875 tthly Heating Coil June 1,184.2 1.7 0.0	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3 274,890.0 327,978,875 Energy Consumptifully 1,210.4 1.7 0.0	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 2,222.3 3.3 274,890.0 330,567,125 on Aug. 1,220.1 1.7 0.0	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4 283,220.0 330,909,250 Sep. 1,206.1 1.8 0.0	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2 433,160.0 Oct. 1,404.2 2.7 0.0	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9 574,770.0 Nov. 1,769.5 3.9 0.0	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4 866,320.0 883,485,750 Dec. 3,600.2 6.3 0.0	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1 12.3 1,024,590.0 6,654,048,625 Total 25,902.6 7.6 0.0
Level 3 therms/hr Level 3 therms therms therms Level 4 therms therms therms/hr Level 5 therms Monthly Totals therms Level 1 therms Level 1 therms Level 2 therms Level 2 therms Level 1 therms Level 1 therms Level 1 therms	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3 1,024,590.0 1,081,338,125 Jan 4,583.7 7.6	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4 6,290.7 12.0 999,600.0 935,741,625 Feb 3,688.8 7.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3 774,690.0 March 2,768.5 5.4	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5 6,7 558,110.0 477,561,875 April 1,816.8 3.9	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0 367,962,875 AHU 14 Mor	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5 291,550.0 326,788,875 tthly Heating Coil June 1,184.2 1.7	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3 274,890.0 327,978,875 Energy Consumpti	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 0.8 2,222.3 3.3 274,890.0 330,567,125 on Aug. 1,220.1	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4 283,220.0 \$\$30,909,250\$ \$\$\$\$ \$	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2 433,160.0 Oct. 1,404.2 2.7	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9 574,770.0 Nov. 1,769.5 3.9	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4 866,320.0 883,485,750 Dec. 3,600.2 6.3	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1 12.3 1,024,590.0 6,654,048,625 Total 25,902.6 7.6 0.0 0.0
Level 3 therms/hr Level 3 therms from therms from therms/hr Level 4 therms from therms/hr Level 5 therms from therms/hr Level 6 therms/hr Monthly Totals therms Monthly Peak therm/hr Peak BTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU) Level 1 therms from therms/hr Level 2 therms from therms/hr Level 3 therms/hr Level 3 therms from therms/hr Level 3 therms/hr	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3 1,024,590.0 1,081,338,125	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4 6,290.7 12.0 999,600.0 935,741,625 Feb 3,688.8 7.0 0.0 0.0 0.0 0.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3 774,690.0 March 2,768.5 5.4 0.0 0.0 0.0	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5 6.7 558,110.0 477,561,875 April 1,816.8 3.9 0.0 0.0 0.0	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0 367,962,875 AHU 14 Mor May 1,450.1 2.8 0.0 0.0 0.0	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5 291,550.0 326,788,875 withly Heating Coil June 1,184.2 1.7 0.0 0.0 0.0	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3 274,890.0 327,978,875 Energy Consumpti July 1,210.4 1.7 0.0 0.0 0.0	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 2,222.3 3.3 274,890.0 Aug. 1,220.1 1.7 0.0 0.0 0.0	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4 283,220.0 Sep. 1,206.1 1.8 0.0 0.0 0.0	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2 433,160.0 Oct. 1,404.2 2.7 0.0 0.0 0.0	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9 574,770.0 Nov. 1,769.5 3.9 0.0 0.0 0.0	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4 866,320.0 Bec. 3,600.2 6.3 0.0 0.0 0.0	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1 12.3 1,024,590.0 6,654,048,625 Total 25,902.6 7.6 0.0 0.0 0.0
Level 3 therms/hr Level 3 therms from therms from therms from therms/hr Level 5 therms from therms/hr Level 6 therms from therms/hr Level 7 therms from therms/hr Level 8 therms from therms/hr Monthly Totals therms from therms/hr Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms Level 3 therms/hr Level 3 therms/hr Level 3 therms/hr Level 4 therms/hr Level 4 therms/hr Level 4 therms/hr	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3 1,024,590.0 1,081,338,125	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4 6,290.7 12.0 999,600.0 935,741,625 Feb 3,688.8 7.0 0.0 0.0 0.0 0.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3 774,690.0 March 2,768.5 5.4 0.0 0.0 0.0 0.0	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5 6,7 558,110.0 477,561,875 April 1,816.8 3.9 0.0 0.0 0.0 0.0	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0 367,962,875 AHU 14 Mon May 1,450.1 2.8 0.0 0.0 0.0	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5 291,550.0 326,788,875 thly Heating Coil June 1,184.2 1.7 0.0 0.0 0.0 0.0	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3 274,890.0 327,978,875 Energy Consumpti July 1,210.4 1.7 0.0 0.0 0.0 0.0	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 0.8 2,222.3 3.3 274,890.0 Aug. 1,220.1 1.7 0.0 0.0 0.0	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4 283,220.0 Sep. 1,206.1 1.8 0.0 0.0 0.0	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2 433,160.0 Oct. 1,404.2 2.7 0.0 0.0 0.0 0.0	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9 574,770.0 Nov. 1,769.5 3.9 0.0 0.0 0.0	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4 866,320.0 Bec. 3,600.2 6.3 0.0 0.0 0.0 0.0	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1 1,024,590.0 Total 25,902.6 7.6 0.0 0.0 0.0 0.0
Level 3 therms/hr Level 3 therms from therms Level 4 therms from therms/hr Level 5 therms from therms/hr Level 6 therms Monthly Total Sterms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 3 therms/hr Level 4 therms Level 5 therms/hr Level 6 therms Level 8 therms/hr Level 9 therms Level 9 therms Level 9 therms/hr Level 9 therms Level 9 therms/hr Level 9 therms/hr	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3 1,024,590.0 1,081,338,125 Jan 4,583.7 7.6 0.0 0.0 0.0 0.0 0.0 0.0	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4 6,290.7 12.0 999,600.0 935,741,625 Feb 3,688.8 7.0 0.0 0.0 0.0 0.0 0.0 0.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3 774,690.0 March 2,768.5 5.4 0.0 0.0 0.0 0.0 0.0	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5 6,7 558,110.0 477,561,875 April 1,816.8 3.9 0.0 0.0 0.0 0.0 0.0	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0 367,962,875 AHU 14 Mor May 1,450.1 2.8 0.0 0.0 0.0 0.0 0.0	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5 291,550.0 326,788,875 tithly Heating Coil June 1,184.2 1.7 0.0 0.0 0.0 0.0	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3 274,890.0 327,978,875 Energy Consumpti July 1,210.4 1.7 0.0 0.0 0.0 0.0	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 2,222.3 3.3 274,890.0 330,567,125 on Aug. 1,220.1 1.7 0.0 0.0 0.0 0.0	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4 283,220.0 330,909,250 Sep. 1,206.1 1.8 0.0 0.0 0.0 0.0	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2 433,160.0 400,732,500 Oct. 1,404.2 2.7 0.0 0.0 0.0 0.0 0.0	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9 574,770.0 Nov. 1,769.5 3.9 0.0 0.0 0.0 0.0 0.0	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4 866,320.0 883,485,750 Dec. 3,600.2 6.3 0.0 0.0 0.0 0.0 0.0 0.0	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4.4 44,733.1 12.3 1,024,590.0 6,654,048,625 Total 25,902.6 7.6 0.0 0.0 0.0 0.0 0.0
Level 3 therms/hr Level 3 therms from therms from therms from therms/hr Level 5 therms from therms/hr Level 6 therms from therms/hr Level 7 therms from therms/hr Level 8 therms from therms/hr Monthly Totals therms from therms/hr Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms Level 3 therms/hr Level 3 therms/hr Level 3 therms/hr Level 4 therms/hr Level 4 therms/hr Level 4 therms/hr	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3 1,024,590.0 1,081,338,125	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4 6,290.7 12.0 999,600.0 935,741,625 Feb 3,688.8 7.0 0.0 0.0 0.0 0.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3 774,690.0 March 2,768.5 5.4 0.0 0.0 0.0 0.0	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5 6,7 558,110.0 477,561,875 April 1,816.8 3.9 0.0 0.0 0.0 0.0	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0 367,962,875 AHU 14 Mon May 1,450.1 2.8 0.0 0.0 0.0	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5 291,550.0 326,788,875 thly Heating Coil June 1,184.2 1.7 0.0 0.0 0.0 0.0	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3 274,890.0 327,978,875 Energy Consumpti July 1,210.4 1.7 0.0 0.0 0.0 0.0	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 0.8 2,222.3 3.3 274,890.0 Aug. 1,220.1 1.7 0.0 0.0 0.0 0.0	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4 283,220.0 Sep. 1,206.1 1.8 0.0 0.0 0.0	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2 433,160.0 Oct. 1,404.2 2.7 0.0 0.0 0.0 0.0	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9 574,770.0 Nov. 1,769.5 3.9 0.0 0.0 0.0	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4 866,320.0 Bec. 3,600.2 6.3 0.0 0.0 0.0 0.0	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 10,755.6 10,024,590.0 6,654,048,625 Total 25,902.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Level 3 therms/hr Level 3 therms from therms from therms/hr Level 4 therms from therms/hr Level 5 therms from therms/hr Level 6 therms/hr Monthly Totals therms Monthly Peak therm/hr Peak BTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU) Level 1 therms from therms/hr Level 2 therms from therms/hr Level 3 therms from therms/hr Level 4 therms from therms/hr Level 5 therms from therms/hr Level 6 therms from therms/hr Level 7 therms from therms/hr Level 8 therms/hr Level 9 therms/hr Level 9 therms/hr Level 9 therms/hr Level 1 therms/hr Level 1 therms/hr Level 1 therms/hr Level 1 therms/hr Level 2 therms/hr Level 3 therms/hr Level 5 therms/hr Level 6 therms/hr Level 8 therms/hr	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3 1,024,590.0 1,081,338,125 Jan 4,583.7 7.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4 6,290.7 12.0 999,600.0 935,741,625 Feb 3,688.8 7.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3 774,690.0 March 2,768.5 5.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5 6.7 558,110.0 477,561,875 April 1,816.8 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0 367,962,875 AHU 14 Mon May 1,450.1 2.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5 291,550.0 326,788,875 withly Heating Coil June 1,184.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3 274,890.0 327,978,875 Lingry Consumpti July 1,210.4 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 2,222.3 3.3 274,890.0 Aug. 1,220.1 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4 283,220.0 Sep. 1,206.1 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2 433,160.0 Oct. 1,404.2 2.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9 574,770.0 Nov. 1,769.5 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4 866,320.0 Dec. 3,600.2 6.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,331.7 2.3 10,755.6 3.4 44,733.1 12.3 1,024,590.0 6,654,048,625 Total 25,902.6 7.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
Level 3 therms/hr Level 3 therms from therms from therms from therms/hr Level 5 therms from therms/hr Level 6 therms from therms/hr Level 7 therms from therms/hr Level 8 therms/hr Monthly Total Sterms Monthly Peak HTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU) Level 1 therms from therms/hr Level 2 therms from therms/hr Level 3 therms from therms/hr Level 5 therms Level 5 therms Level 5 therms/hr Level 6 therms/hr Level 6 therms/hr Level 6 therms/hr	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3 1,024,590.0 1,081,338,125 Jan 4,583.7 7.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4 6,290.7 12.0 999,600.0 935,741,625 Feb 3,688.8 7.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3 774,690.0 March 2,768.5 5.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 6.7 558,110.0 477,561,875 April 1,816.8 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0 367,962,875 AHU 14 Mon May 1,450.1 2.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5 291,550.0 326,788,875 tthly Heating Coil I June 1,184.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3 2774,890.0 327,978,875 Energy Consumpti July 1,210.4 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 0.8 2,722.3 3.3 274,890.0 330,567,125 on Aug. 1,720.1 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4 283,220.0 Sep. 1,206.1 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2 433,160.0 Oct. 1,404.2 2.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	\$26.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9 \$74,770.0 Nov. 1,769.5 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4 866,320.0 Bec. 3,600.2 6.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1 12.3 1,024,590.0 6,654,048,625 Total 25,902.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
Level 3 therms/hr Level 3 therms 1 Level 4 therms 1 Level 5 therms/hr Level 5 therms/hr Level 6 therms Monthly Total Stherms/hr Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 3 therms/hr Level 4 therms Level 4 therms Level 5 therms/hr Level 6 therms/hr Level 7 therms/hr Level 8 therms/hr Level 8 therms/hr Level 9 therms/hr	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3 1,024,590.0 1,081,338,125 Jan 4,583.7 7.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,774.1 3.4 6,290.7 12.0 999,600.0 935,741,625 Feb 3,688.8 7.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3 774,690.0 706,830,250 March 2,768.5 5.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5 6,7 558,110.0 477,561,875 April 1,816.8 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0 367,962,875 AHU 14 Mor May 1,450.1 2.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5 291,550.0 326,788,875 withly Heating Coil June 1,184.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3 274,890.0 327,978,875 Energy Consumpti July 1,210.4 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 2,222.3 3.3 274,890.0 330,567,125 on Aug. 1,220.1 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4 283,220.0 330,909,250 Sep. 1,206.1 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2 433,160.0 400,732,500 Oct. 1,404.2 2.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9 574,770.0 Nov. 1,769.5 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4 866.320.0 883,485,750 Dec. 3,600.2 6.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1 12.3 1,024,590.0 6,654,048,625 Total 25,902.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
Level 3 therms/hr Level 3 therms witherms therms therms therms therms/hr Level 5 therms therms/hr Level 5 therms therms/hr Level 6 therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 4 therms Level 5 therms/hr Level 5 therms Level 6 therms/hr Level 6 therms/hr Level 6 therms Level 6 therms/hr Level 6 therms/hr Level 6 therms/hr Level 6 therms/hr	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3 1,024,590.0 1,081,338,125 Jan 4,583.7 7.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,714.1 3.4 6,290.7 12.0 999,600.0 935,741,625 Feb 3,688.8 7.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3 774,690.0 March 2,768.5 5.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 6.7 558,110.0 477,561,875 April 1,816.8 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0 367,962,875 AHU 14 Mon May 1,450.1 2.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5 291,550.0 326,788,875 tthly Heating Coil I June 1,184.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3 2774,890.0 327,978,875 Energy Consumpti July 1,210.4 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 0.8 2,722.3 3.3 274,890.0 Aug. 1,220.1 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4 283,220.0 Sep. 1,206.1 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2 433,160.0 Oct. 1,404.2 2.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	\$26.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9 \$74,770.0 Nov. 1,769.5 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4 866,320.0 Bec. 3,600.2 6.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	7,468.1 2.2 10,127.9 2.6 8,177.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1 12.3 1,024,590.0 6,654,048,625 Total 25,902.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
Level 3 therms/hr Level 3 therms/hr Level 4 therms/hr Level 5 therms/hr Level 5 therms/hr Level 6 therms/hr Level 7 therms/hr Monthly Total Stherms Level 1 therms Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 3 therms Level 4 therms/hr Level 4 therms/hr Level 5 therms/hr Level 6 therms/hr Level 7 therms/hr Level 8 therms/hr Level 9 therms/hr Level 9 therms/hr Level 1 therms Level 1 therms Level 3 therms Level 4 therms/hr Level 5 therms/hr Level 5 therms Level 6 therms/hr Level 8 therms/hr Level 8 therms/hr Level 9 therms/hr	1,344.4 2.2 1,597.6 2.6 1,311.6 2.2 1,367.0 2.3 1,648.9 3.0 7,269.5 12.3 1,024,590.0 1,081,338,125 Jan 4,583.7 7.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1,083.5 2.1 1,306.1 2.4 1,072.1 2.0 1,114.9 2.1 1,774.1 3.4 6,290.7 12.0 999,600.0 935,741,625 Feb 3,688.8 7.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	820.5 1.6 1,047.8 2.0 860.1 1.6 886.4 1.7 1,137.0 2.4 4,751.8 9.3 774,690.0 706,830,250 March 2,768.5 5.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	542.8 1.2 751.8 1.5 616.8 1.2 627.9 1.3 671.2 1.5 3,210.5 6,7 558,110.0 477,561,875 April 1,816.8 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	364.4 0.5 642.6 1.2 464.0 0.7 466.4 0.7 536.3 0.8 2,473.7 3.9 324,870.0 367,962,875 AHU 14 Mor May 1,450.1 2.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	324.1 0.5 532.4 0.8 416.8 0.7 421.2 0.7 502.4 0.8 2,196.9 3.5 291,550.0 326,788,875 withly Heating Coil June 1,184.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	323.6 0.5 537.2 0.8 419.0 0.6 424.3 0.6 503.9 0.7 2,204.9 3.3 274,890.0 327,978,875 Energy Consumpti July 1,210.4 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	328.8 0.5 540.9 0.8 424.5 0.6 429.8 0.6 503.8 2,222.3 3.3 274,890.0 330,567,125 on Aug. 1,220.1 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	333.8 0.5 536.9 0.8 425.6 0.7 430.1 0.7 498.5 0.8 2,224.6 3.4 283,220.0 330,909,250 Sep. 1,206.1 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	413.1 0.8 611.1 1.1 502.3 0.9 507.9 0.9 737.4 1.7 2,694.0 5.2 433,160.0 400,732,500 Oct. 1,404.2 2.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	526.8 1.2 725.1 1.5 597.3 1.2 608.8 1.3 897.7 2.1 3,254.8 6.9 574,770.0 Nov. 1,769.5 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1,062.3 1.9 1,298.4 2.2 1,067.3 1.8 1,107.0 1.9 1,404.4 2.6 5,939.4 10.4 866.320.0 883,485,750 Dec. 3,600.2 6.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	7,468.1 2.2 10,127.9 2.6 8,171.4 2.2 8,391.7 2.3 10,755.6 3.4 44,733.1 12.3 1,024,590.0 6,654,048,625 Total 25,902.6 7.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0

Constituent Tables for Cooling Energy Consumption and Peak Values

					AHU 7 Mor	nthly Cooling Coil	Energy Consumpti	on					
	Jan	Feb	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Level 1 Kw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	161.0	5,028.4	19,659.0	27,853.9	26,818.4	13,538.0	2,728.8	305.9	0.0	96,093.4
Level 2 kWh													
Kw	0.0	0.0	0.0	2.1	40.5	54.1	65.1	61.0	53.2	12.0	3.4	0.0	65.1
Level 3 kWh	0.0	0.0	0.0	156.9	1,783.7	11,003.4	16,313.9	15,034.4	6,198.8	2,267.7	292.8	0.0	53,051.6
Kw	0.0	0.0	0.0	2.0	8.7	30.6	38.0	33.8	18.2	9.4	3.1	0.0	38.0
kWh	0.0	0.0	0.0	342.4	2,810.9	7,010.7	9,229.0	9,396.5	5,551.6	1,685.3	494.5	0.0	36,520.9
Level 4 Kw	0.0	0.0	0.0	4.0	7.1	15.6	18.4	18.2	11.3	5.6	4.0	0.0	18.4
, , kWh	0.0	0.0	0.0	91.0	2,988.2	11,935.8	16,966.3	16,472.7	8,359.7	1,587.6	172.6	0.0	58,573.9
Kw	0.0	0.0	0.0	1.2	10.4	30.4	36.4	34.2	19.3	7.3	1.9	0.0	36.4
Level 6 kWh	0.0	0.0	1.4	2,618.0	8,081.4	17,426.6	25,589.3	26,902.3	14,886.9	2,136.7	166.0	0.0	97,808.6
Kw	0.0	0.0	1.4	18.0	30.9	49.0	66.2	68.2	43.7	14.4	4.8	0.0	68.2
Monthly Totals kWh	0.0	0.0	1.4	3,369.3	20,692.6	67,035.5	95,952.4	94,624.3	48,535.0	10,406.1	1,431.8	0.0	342,048.4
Monthly Peak kW	0.0	0.0	1.4	27.3	97.6	179.7	224.1	215.4	145.7	48.7	17.2	0.0	224.1
Monthly Fear Res	0.0	0.0	4.7	27.5	37.0	175.7	254.2	223.4	145.7	40.7	17.12	0.0	22.4.2
Monthly BTU	20,000		5,000,000,000,000	THE RESERVE ASSESSMENT	R45.250000419.000052	27.150.0.7030303030	*************		00.000000000000000000000000000000000000	707 000 000 00000	W-98/21/2003/99/2	0.0000	200700000000000000000000000000000000000
(1.1089kW/Ton)	0.0	0.0	15,150.1	295,427.9	1,056,181.8	1,944,629.8	2,425,106.0	2,330,958.6	1,576,697.6	527,008.8	186,130.4	0.0	2,425,106.0
Monthly Energy consumed by A.C. (BTUH)	0.0	0.0	16,117.2	38,788,295.1	238,218,821.4	771,730,850.8	1,104,630,043.6	1,089,340,596.3	558,748,078.9	119,797,844.5	16,483,269.8	0.0	3,937,753,917.5
					AHU 8 Mor	othly Cooling Coil I	Energy Consumption	on					
	Jan	Feb	March	April	May				Sen	Oct.	Nov.	Doc	Total
Lann				April		June	July	Aug.	Sep.			Dec.	
Level 1 kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Level 2 kWh	0.0	0.0	0.0	204.5	6,910.8	27,241.6	38,654.1	37,274.1	18,921.9	3,569.5	388.5	0.0	133,165.0
Level 2 Kw	0.0	0.0	0.0	2.7	55.7	75.6	8.9	83.4	74.3	17.0	4.3	0.0	83.4
kWh	0.0	0.0	0.0	182.6	2,090.1	13,048.9	19,366.1	17,827.7	7,332.9	2,687.5	340.7	0.0	62,876.5
Level 3 Kw	0.0	0.0	0.0	2.3	10.4	36.3	45.0	40.2	21.7	11.1	3.6	0.0	45.0
	0.0	0.0	0.0	133.7	4,400.6	17,580.2	24,990.1	24,264.5	12,316.0	2,333.4	254.0	0.0	86,272.5
Level 4 kWh													
KW	0.0	0.0	0.0	1.8	15.3	44.8	53.6	50.4	28.4	10.8	2.8	0.0	53.6
kWh	0.0	0.0	0.0	111.6	3,669.9	14,660.0	20,838.9	20,233.5	10,269.2	1,947.5	212.0	0.0	71,942.6
Level 5													
Kw	0.0	0.0	0.0	1.5	12.8	37.4	44.7	42.0	23.7	9.0	2.3	0.0	44.7
Level 6 kWh	0.0	0.0	1.9	3,484.2	10,755.6	23,192.8	34,056.8	35,804.4	19,813.0	2,843.7	221.0	0.0	130,173.4
Kw	0.0	0.0	1.9	24.0	41.2	65.3	88.1	90.8	58.2	19.2	6.3	0.0	90.8
													484,430.0
Monthly Totals kWh	0.0	0.0	1.9	4,116.6	27,827.0	95,723.5	137,906.0	135,404.2	68,653.0	13,381.6	1,416.2	0.0	
Monthly Peak kW	0.0	0.0	1.9	32.3	135.4	259.4	240.3	306.8	206.3	67.1	19.3	0.0	306.8
Monthly PTH													
Monthly BTU (1.1089kW/Ton)	0.0	0.0	20,560.9	349,535.6	1,465,235.8	2,807,106.2	2,600,198.4	3,320,046.9	2,232,482.7	726,125.0	208,855.6	0.0	3,320,046.9
Monthly Energy sonsumed													1 I
	0.0	0.0	21 873 3	47 391 415 3	320 351 968 5	1 101 994 884 7	1 587 611 261 3	1 558 809 861 4	790 351 949 3	154 052 607 2	16 303 678 4	0.0	5 576 889 499 5
by A.C. (BTUH)	0.0	0.0	21,873.3	47,391,415.3	320,351,968.5	1,101,994,884.7	1,587,611,261.3	1,558,809,861.4	790,351,949.3	154,052,607.2	16,303,678.4	0.0	5,576,889,499.5
	0.0	0.0	21,873.3	47,391,415.3				•	790,351,949.3	154,052,607.2	16,303,678.4	0.0	5,576,889,499.5
			,		AHU 9 Mor	nthly Cooling Coil	Energy Consumpti	on					
by A.C. (BTUH)	Jan	Feb	March	April	AHU 9 Mor May	nthly Cooling Coil I	Energy Consumption	on Aug.	Sep.	Oct.	Nov.	Dec.	Total
by A.C. (BTUH)			,		AHU 9 Mor	nthly Cooling Coil	Energy Consumpti	on					
by A.C. (BTUH)	Jan	Feb	March	April	AHU 9 Mor May	nthly Cooling Coil I	Energy Consumption	on Aug.	Sep.	Oct.	Nov.	Dec.	Total
Level 1 kWh Kw	Jan 0.0	Feb 0.0	March 0.0	April 0.0 0.0	AHU 9 Mor May 0.0	June 0.0 0.0	Energy Consumption July 0.0 0.0	On Aug. 0.0 0.0	Sep. 0.0	Oct. 0.0 0.0	Nov. 0.0 0.0	Dec. 0.0 0.0	Total 0.0
Level 1 kWh Kw	Jan 0.0 0.0 0.0	Feb 0.0 0.0 0.0	0.0 0.0 0.0	April 0.0 0.0 106.0	AHU 9 Mor May 0.0 0.0 3,600.4	June 0.0 0.0 14,198.6	July 0.0 0.0 20,147.6	on Aug. 0.0 0.0 19,428.3	Sep. 0.0 0.0 9,866.5	Oct. 0.0 0.0 1,850.8	Nov. 0.0 0.0 201.5	Dec. 0.0 0.0 0.0	Total 0.0 0.0 69,399.7
Level 1 KWh Kw Level 2 KWh Kw	Jan 0.0 0.0 0.0 0.0	Feb 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	April 0.0 0.0 106.0 1.4	AHU 9 Mor May 0.0 0.0 3,600.4 29.0	0.0 0.0 14,198.6 39.4	July 0.0 0.0 20,147.6 46.2	0.0 0.0 0.0 19,428.3 43.5	Sep. 0.0 0.0 9,866.5 38.7	Oct. 0.0 0.0 1,850.8 8.9	Nov. 0.0 0.0 201.5 2.2	Dec. 0.0 0.0 0.0 0.0	Total 0.0 0.0 69,399.7 46.2
Level 1 kWh kw Level 2 kWh kw kwh	Jan 0.0 0.0 0.0 0.0 0.0	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March 0.0 0.0 0.0 0.0 0.0 0.0	April 0.0 0.0 106.0 1.4 104.9	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3	1thly Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6	July 0.0 0.0 20,147.6 46.2 11,123.0	0.0 0.0 0.0 19,428.3 43.5 10,239.4	Sep. 0.0 0.0 9,866.5 38.7 4,211.5	Oct. 0.0 0.0 1,850.8 8.9 1,538.3	Nov. 0.0 0.0 201.5 2.2 195.7	Dec. 0.0 0.0 0.0 0.0 0.0	Total 0.0 0.0 69,399.7 46.2 36,107.7
Level 1 KWh Kw Level 2 KWh Kw Level 3 KWh Kw	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	April 0.0 0.0 106.0 1.4 104.9 1.3	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0	14,198.6 39.4 7,494.6 20.9	July 0.0 0.0 20,147.6 46.2 11,123.0 25.9	Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4	Nov. 0.0 0.0 201.5 2.2 195.7 2.1	Dec. 0.0 0.0 0.0 0.0 0.0 0.0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9
Level 1 KWh Kw Level 2 KWh Kw Level 3 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 5 KWh Kw Level 6 KWh Kw Level 7 Kwh Level 8 KWh Level 8 KWh Level 9 KWh Level 1 KWh Kwh Level 1 Kwh Kwh Level 1 Kwh Kwh	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5	June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4	July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1	Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7
Level 1 KWh Kw Level 2 KWh Level 3 KWh Kw Kw Kw Kw Kwh Kwh Kwh Kwh Kwh Kwh Kw	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	April 0.0 0.0 106.0 1.4 104.9 1.3	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0	14,198.6 39.4 7,494.6 20.9	July 0.0 0.0 20,147.6 46.2 11,123.0 25.9	Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4	Nov. 0.0 0.0 201.5 2.2 195.7 2.1	Dec. 0.0 0.0 0.0 0.0 0.0 0.0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9
Level 1 KWh Kw Level 3 KWh Level 4 KWh Kw Level 4 KWh Kw Level 4 KWh Kw Level 4 KWh Kw Kw Kwh Kwh Kwh Kwh Kwh Kwh Kwh Kwh	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4	1 June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1	July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1	on Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0	100 100 100 100 100 100 100 100 100 100	University Consumption	00 Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3
Level 1	Jan	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5	nthly Cooling Coil I June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8	Energy Consumptii July 0.0 0.0 20,147.6 46.2 11,123.0 23,473.1 50.4 13,800.5 29.6	00 Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0 1,101.8	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3	nthly Cooling Coil I June 0.0 0.0 0.1 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 7,334.7	Energy Consumption July 0.0 0.0 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3	0.0 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 11.4 104.9 125.9 1.7 73.8 1.0 1,101.8 7.6	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3	14thly Cooling Coil June 0.0 0.0 0.14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6	Energy Consumpti July 0.0 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3	00 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 0.0 69,399,7 46,2 36,107,7 25,9 81,038,7 50,4 47,642,3 29,6 41,166,5 28,7
Level 1 KWh Level 2 KWh Level 3 KW Level 4 KW Level 5 KWh Level 6 KWh Level 6 KWh Level 5 KWh Level 7 KW Level 8 KWh	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 1.4 1004.9 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,512.4	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0	nthly Cooling Coil 1 June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7	Energy Consumpti July 0.0 0.0 20.147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5	Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 11.4 104.9 125.9 1.7 73.8 1.0 1,101.8 7.6	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3	14thly Cooling Coil June 0.0 0.0 0.14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6	Energy Consumpti July 0.0 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3	00 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 0.0 69,399,7 46,2 36,107,7 25,9 81,038,7 50,4 47,642,3 29,6 41,166,5 28,7
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 1.4 1004.9 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,512.4	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0	nthly Cooling Coil 1 June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7	Energy Consumpti July 0.0 0.0 20.147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5	Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.6 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,310.0 13.0 13.0	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9	nthly Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0	00 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6	Sep. 0.0 0.0 9.866.5 38.7 4.211.5 12.5 11.564.9 26.6 6.801.8 15.7 6.265.8 18.4 38,710.5 111.9	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 1.4 1004.9 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,512.4	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0	nthly Cooling Coil 1 June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7	Energy Consumpti July 0.0 0.0 20.147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5	Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.6 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,310.0 13.0 13.0	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9	nthly Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0	00 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6	Sep. 0.0 0.0 9.866.5 38.7 4.211.5 12.5 11.564.9 26.6 6.801.8 15.7 6.265.8 18.4 38,710.5 111.9	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,354.9
Level 1	Jan	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,30 140,680.0	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9	nthly Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7 147.8	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0	00 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6	Sep. 0.0 0.0 9.866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.6 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,310.0 13.0 13.0	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9	nthly Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0	00 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6	Sep. 0.0 0.0 9.866.5 38.7 4.211.5 12.5 11.564.9 26.6 6.801.8 15.7 6.265.8 18.4 38,710.5 111.9	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
Level 1	Jan	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,30 140,680.0	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9	nthly Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7 147.8	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0	00 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6	Sep. 0.0 0.0 9.866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
Level 1	Jan	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,30 140,680.0	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9	htthy Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 147.8 1,599,422.9	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0	00 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6	Sep. 0.0 0.0 9.866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
Level 1	Jan	Feb 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 1.4 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,512.4 13.0 140,680.0	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 AHU 10 Mo	nthly Cooling Coil June 0.0 0.109.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7 147.8 1,599,422.9 636,049,525.8	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 1,947,876.3	On Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6	Sep. 0.0 0.0 9.866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 18.4 38,710.5 111.9 1,210,929.8	Oct. 0.0 0.0 1.850.8 8.9 1.538.3 6.4 2.197.8 10.1 1.287.6 6.0 899.2 6.1 7,773.7 37.5	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 7 275,354.9 180.0 1,947,876.3 3,169,960,263.5
Level 1 KWh Kw Level 2 KWh Kw Level 3 KWh Level 3 KWh Level 4 KW Level 5 KW Level 5 KW Level 5 KW Monthly Totals kWh Monthly Pack kW Monthly BTU (1.1089kW/Ton)	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,512.4 13.0 140,680.0	AHU 9 Mor May 0.0 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8	1,599,422.9 nthly Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7 147.8	Energy Consumpti July 0.0 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,7770.3 27.9 79,314.5 180.0 1,947,876.3	On Aug. 0.0 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6 1,846,153.9 888,521,690.1	Sep. 0.0 0.0 0.0 9.866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5	Nov. 0.0 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
Level 1 KWh Level 2 KWh Kw Level 3 KWh Level 4 KWh Level 5 KWh Level 6 KWh Level 6 KWh Level 6 KWh Monthly Totals kWh Monthly Bru (1.1089kW/Ton) Monthly Energy sonsumed by A.C. (BTUH)	Jan	Feb 0.0	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.6 0.	April 0.0 0.0 106.0 1.4 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,512.4 13.0 140,680.0 17,411,158.8	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 AHU 10 Mor May 0.0	nthly Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7 147.8 1,599,422.9 636,049,525.8 nthly Cooling Coil June 0.0	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0 1,947,876.3	Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6 1,846,153.9 888,521,690.1	Sep. 0.0 0.0 9.866.5 38.7 4,211.5 12.5 11.564.9 26.6 6.801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total
Level 1	Jan	Feb 0.0	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,512.4 13.0 140,680.0 17,411,158.8	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 14,766.5 70.9 767,246.8 AHU 10 Mo May 0.0 0.0	1,599,422.9 atthly Cooling Coil June 0.0 0.10,0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 21.8 7,334.7 20.6 55,249.7 147.8 1,599,422.9 atthly Cooling Coil June 0.0	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0 1,947,876.3 913,090,027.9 Energy Consumpt July 0.0	On Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 170.6 170.6 170.6 1888,521,690.1 ion Aug. 0.0 0.0	Sep. 0.0 0.0 9.866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6	Nov. 0.0 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
Level 1	Jan	Feb 0.0	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0 1,101.8 1,512.4 13.0 140,680.0 17,411,158.8	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 169,995,951.5 AHU 10 Mo May 0.0 0.0 3,423.3	nthly Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7 147.8 1,599,422.9 636,049,525.8 nthly Cooling Coil June 0.0 0.0	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 1,947,876.3 913,090,027.9 Energy Consumpt July 0.0 1,955.9	Nug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 11,322.9 1,322.9 1,340.0 1,846,153.9 888,521,690.1 ion Aug. 0.0 1,8247.6	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 89,492,942.0 Oct. 0.0 0.0 1,859.4	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,354.9 180.0 1,947,876.3 3,169,960,263.5
Level 1	Jan	Feb 0.0	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,512.4 13.0 140,680.0 17,411,158.8	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 AHU 10 Mo May 0.0 0.0 3,423.3 27.6	nthly Cooling Coil June 0.0 0.14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7 147.8 1,599,422.9 636,049,525.8 nthly Cooling Coil June 0.0 0.0 13,379.0 36.8	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0 1,947,876.3	00 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6 1,846,153.9	Sep. 0.0 0.0 9.866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6	Nov. 0.0 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 65,390.4 1,947,876.3 Total 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
Level 1 KWh Kw Level 2 KWh Kw Level 3 KWh Level 4 KWh Level 5 KWh Level 5 KWh Level 5 KWh Monthly Totals kWh Monthly Peak kW Monthly Energy sonsumed by A.C. (BTUH) Level 1 KWh Level 2 KWh Level 2 KWh Level 3 KWh Monthly Energy Sonsumed by A.C. (BTUH)	Jan	Feb 0.0	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0 1,101.8 1,512.4 13.0 140,680.0 17,411,158.8	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 169,995,951.5 AHU 10 Mo May 0.0 0.0 3,423.3	nthly Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7 147.8 1,599,422.9 636,049,525.8 nthly Cooling Coil June 0.0 0.0	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 1,947,876.3 913,090,027.9 Energy Consumpt July 0.0 1,955.9	Nug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 11,322.9 1,322.9 1,340.0 1,846,153.9 888,521,690.1 ion Aug. 0.0 1,8247.6	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 89,492,942.0 Oct. 0.0 0.0 1,859.4	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,354.9 180.0 1,947,876.3 3,169,960,263.5
Level 1 KWh Kw Level 2 KWh Kw Level 3 KWh Level 5 KWh Level 5 KWh Level 6 KWh Monthly Totals kWh Monthly Peak kW Monthly Energy sonsumed by A.C. (BTUH) Level 1 KWh Level 2 KWh Level 3 KWh Monthly Energy sonsumed by A.C. (BTUH)	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.0 0.	April 0.0 0.1 1.4 1.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 AHU 10 Mo May 0.0 0.0 3,423.3 27.6 1,794.8	nthly Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7 147.8 1,599,422.9 636,049,525.8 nthly Cooling Coil June 0.0 0.0 13,379.0 36.8	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0 1,947,876.3 913,090,027.9 Energy Consumpti July 0.0 0.0 18,951.9 44.2	Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 11,322.9 177,180.4 170.6 888,521,690.1 lon Aug. 0.0 0.0 18,247.6 41.5 15,310.0	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 Oct. 0.0 1,859.4 8.2 2,300.1	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7, 275,354.9 180.0 1,947,876.3 3,169,960,263.5
Level 1 KWh Kw Level 2 KWh Kw Level 3 KWh Level 4 KWh Level 5 KWh Level 5 KWh Level 5 KWh Monthly Totals kWh Monthly BTU (1.1089kW/Ton) Monthly Energy sonsumed by A.C. (BTUH)	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.0 0.0 0.0 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.0 0.	April 0.0 0.0 106.0 1.4 13.1 125.9 1.7 73.8 1.0 1.101.8 7.6 1.512.4 13.0 140,680.0 17,411,158.8	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 AHU 10 Mo May 0.0 0.0 3,423.3 27.6 1,794.8 8.9	nthly Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 120.6 55,249.7 147.8 1,599,422.9 636,049,525.8 nthly Cooling Coil June 0.0 0.0 0.0 36.8 11,206.1 31.2	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0 1,947,876.3 913,090,027.9 Energy Consumpt July 0.0 0.0 1,8951.9 44.2 1,6631.3 38.7	0n Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6 18,846,153.9 888,521,690.1 10n Aug. 0.0 0.0 18,247.6 41.5 15,310.0 34.5	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 89,492,942.0 Oct. 0.0 0.0 1,859.4 8.2 2,300.1	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 208.9 2.3 292.6 3.1	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,354.9 1,947,876.3 3,169,960,263.5 Total 0.0 0.0 65,390.4 44.2 55,988.6
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.	April 0.0 0.0 106.0 1.4 1.3 125.9 1.7 73.8 1.0 1.101.8 7.6 1.512.4 13.0 140,680.0 17,411,158.8 April 0.0 0.0 109.9 1.5 156.8 2.0 106.1	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 AHU 10 Mo May 0.0 0.0 3,423.3 27.6 1,794.8 8.9 3,491.2	1,599,422.9 1,599,422.9 1,1,206.1 1,1,206.1 1,1,206.1 1,1,206.1 1,1,206.1 1,1,206.1 1,1,206.1 1,1,206.1 1,1,206.1 1,1,206.1 1,1,206.1 1,1,206.1	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 1,947,876.3 913,090,027.9 Energy Consumpti July 0.0 0.0 18,951.9 44.2 16,631.3 38.7 19,824.6	000 Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6 1,846,153.9 888,521,690.1 ion Aug. 0.0 0.0 18,247.6 41.5 15,310.0 34.5 19,248.7	Sep. 0.0 0.0 9.866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3	Oct. 0.0 0.0 1.850.8 8.9 1.538.3 6.4 2.197.8 10.1 1.287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 89,492,942.0 Oct. 0.0 0.0 1.859.4 8.2 2,300.1 9.6	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.00 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,354.9 180.0 1,947,876.3 3,169,960,263.5
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.	April 0.0 0.0 106.0 1.4 1.3 125.9 1.7 73.8 1.0 1.101.8 1.3 1.0 1.101.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 169,995,951.5 AHU 10 Mo May 0.0 0.0 3,423.3 27.6 1,794.8 8.9 3,491.2	hthly Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7 147.8 1,599,422.9 636,049,525.8 hthly Cooling Coil June 0.0 0.3 3.6.8 11,206.1 31.2 13,946.4 35.6	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0 1,947,876.3 913,090,027.9 Energy Consumpt July 0.0 0.0 1,955.9 44.2 16,631.3 38.7 19,824.6 42.5	Nug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 11,322.9 1,846,153.9 888,521,690.1 ion Aug. 0.0 0.0 18,247.6 41.5 15,310.0 34.5 19,248.7 40.0	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3 Sep. 0.0 0.0 0.0 9,210.4 36.3 6,296.9 18.6 9,769.6	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 89,492,942.0 Oct. 0.0 0.0 0.0 1,859.4 8.2 2,300.1 9.6 1,852.3 8.6	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 0.0 208.9 2.3 292.6 3.1 201.6 2.2	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,354.9 180.0 1,947,876.3 3,169,960,263.5 Total 0.0 65,390.4 44.2 53,986.6 38.7 68,440.5
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.	April 0.0 0.0 106.0 1.4 1.3 125.9 1.7 73.8 1.0 1.101.8 7.6 1.101.8 13.0 140,680.0 17,411,158.8 April 0.0 0.0 109.9 1.5 156.8 2.0 106.1 1.4 104.1	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 AHU 10 Mo May 0.0 0.0 3,423.3 27.6 1,794.8 8.9 3,491.2 12.1 3,422.0	nthly Cooling Coil June 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7 147.8 1,599,422.9 athly Cooling Coil June 0.0 0.0 13,379.0 36.8 11,206.1 31.2 13,946.4 35.6 13,669.5	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0 Energy Consumpt July 0.0 0.0 18,951.9 44.2 16,631.3 38.7 19,824.6 42.5 19,830.8	00 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6 1,846,153.9 888,521,690.1 ion Aug. 0.0 0.0 18,247.6 41.5 15,310.0 34.5 19,248.7 40.0 18,866.0	Sep. 0.0 0.0 9.866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3 Sep. 0.0 0.0 9,210.4 36.3 6,296.9 18.6 9,769.6 22.5	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 Oct. 0.0 0.0 1,859.4 8.2 2,300.1 9.6 1,852.3 8.6 1,852.3 8.6	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 208.9 2.3 292.6 3.1 201.6 2.2 197.7	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 69,399.7 46.2 36,107.7 55.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,348.0 1,947,876.3 3,169,960,263.5 Total 0.0 0.0 65,390.4 44.2 53,988.6 38.7 68,440.5 42.5 67,081.6
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.	April 0.0 0.14 1.04 1.04 1.05 1.05 1.05 1.05 1.05 1.05 1.05 1.05	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 AHU 10 Mo May 0.0 0.0 3,423.3 27.6 1,794.8 8.9 3,491.2 12.1 3,422.0 11.9	1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,423.9 1,599,423.9 1,599,423.9 1,599,423.9 1,599,423.9 1,599,423.9 1,599,423.9 1,599,423.9	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 27.9 79,314.5 180.0 1,947,876.3 913,090,027.9 Energy Consumpti July 0.0 0.0 18,951.9 44.2 16,631.3 38.7 19,824.6 42.5 13,430.8 41.7	Aug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 1,322.9 1,77,180.4 170.6 1,846,153.9 888,521,690.1 ion Aug. 0.0 0.0 18,247.6 41.5 19,248.7 40.0 18,866.0 39.9.2	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 89,492,942.0 Oct. 0.0 0.0 1,859.4 8.2 2,300.1 9.6 1,852.3 8.6 1,816.6 8.4	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 208.9 2.3 292.6 3.1 201.6 2.2 197.7 2.2	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,354.9 180.0 1,947,876.3 3,169,960,263.5 Total 0.0 0.0 65,390.4 44.2 53,986. 38.7 68,440.5 42.5 67,081.6
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.	April 0.0 0.0 106.0 1.4 1.3 125.9 1.7 73.8 1.0 1.101.8 7.6 1.101.8 13.0 140,680.0 17,411,158.8 April 0.0 0.0 109.9 1.5 156.8 2.0 106.1 1.4 104.1	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 AHU 10 Mo May 0.0 0.0 3,423.3 27.6 1,794.8 8.9 3,491.2 12.1 3,422.0	nthly Cooling Coil June 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 20.6 55,249.7 147.8 1,599,422.9 athly Cooling Coil June 0.0 0.0 13,379.0 36.8 11,206.1 31.2 13,946.4 35.6 13,669.5	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0 Energy Consumpt July 0.0 0.0 18,951.9 44.2 16,631.3 38.7 19,824.6 42.5 19,830.8	00 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6 1,846,153.9 888,521,690.1 ion Aug. 0.0 0.0 18,247.6 41.5 15,310.0 34.5 19,248.7 40.0 18,866.0	Sep. 0.0 0.0 9.866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3 Sep. 0.0 0.0 9,210.4 36.3 6,296.9 18.6 9,769.6 22.5	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 Oct. 0.0 0.0 1,859.4 8.2 2,300.1 9.6 1,852.3 8.6 1,852.3 8.6	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 208.9 2.3 292.6 3.1 201.6 2.2 197.7	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 69,399.7 46.2 36,107.7 55.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,348.0 1,947,876.3 3,169,960,263.5 Total 0.0 0.0 65,390.4 44.2 53,988.6 38.7 68,440.5 42.5 67,081.6
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0 1.101.8 7.6 1.512.4 13.0 140,680.0 17,411,158.8 April 0.0 0.0 1.5 1.5 6.8 2.0 106.1 1.4 104.1 1.4 2,086.6	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 14,766.5 70.9 767,246.8 AHU 10 Mo May 0.0 0.0 3,423.3 27.6 1,794.8 8.9 3,491.2 12.1 3,422.0 11.9 6,441.3	hthly Cooling Coil June 0.0 0.0 14,198.6 39.4 7,494.6 20.9 16,513.4 42.1 9,708.4 24.8 7,334.7 147.8 1,599,422.9 636,049,525.8 nthly Cooling Coil June 0.0 0.0 13,379.0 36.8 11,206.1 31.2 13,946.4 35.6 13,669.5 34.9	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0 1,947,876.3 913,090,027.9 Energy Consumpt July 0.0 0.0 1,8,951.9 44.2 16,631.3 38.7 19,824.6 42.5 19,430.8 41.7 20,396.2	Nug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6 1,846,153.9 888,521,690.1 ion Aug. 0.0 0.0 18,247.6 41.5 15,310.0 34.5 19,248.7 40.0 18,866.0 39.2 21,442.8	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3 Sep. 0.0 0.0 9,210.4 36.3 6,296.9 18.6 9,769.6 22.1 11,865.9	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 Oct. 0.0 0.0 1,859.4 8.2 2,300.1 9.6 1,852.3 8.6 1,816.6 8.4 1,702.9	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 208.9 2.3 292.6 3.1 201.6 2.2 197.7 2.2 132.3	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total
Level 1	Jan 0.0	Feb 0.0	March 0.0 0.	April 0.0 0.0 106.0 1.4 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,101.8 7.6 1,101.8 13.0 140,680.0 17,411,158.8 April 0.0 0.0 109.9 1.5 156.8 1.0 106.1 1.4 1.4 2,086.6 14.3	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 AHU 10 Mo May 0.0 0.0 3,423.3 27.6 1,794.8 9 3,491.2 11.1 11.9 6,441.3 24.7	1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,423.9 1,599,423.9 1,599,423.9	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0 1,947,876.3 913,090,027.9 Energy Consumpti July 0.0 0.0 18,951.9 44.2 16,631.3 38.7 19,824.6 42.5 19,430.8 41.7 20,396.2 55.8	Number of the control	Sep. 0.0 0.0 9.866.5 38.7 4,211.5 12.5 11,564.9 2,66 6,801.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3 Sep. 0.0 0.0 9,210.4 36.3 6,296.9 18.6 9,769.6 22.5 9,574.9 22.1 11,865.9 34.8	Oct. 0.0 0.0 1.850.8 8.9 1.538.3 6.4 2.197.8 10.1 1.287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 Oct. 0.0 0.0 1.859.4 8.2 2.300.1 8.52.3 8.6 1.816.6 8.4 1,702.9 11.5	Nov. 0.0 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 208.9 2.3 292.6 3.1 201.6 2.2 197.7 2.2 132.3 3.8	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,348.9 1,947,876.3 3,169,960,263.5 Total 0.0 0.0 65,390.4 44.2 53,988.6 38.7 68,440.5 42.5 67,941.5
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.5 125.9 1.7 73.8 1.0 1.101.8 8 1.0 1.512.4 13.0 140,680.0 17,411,158.8 April 0.0 0.0 109.9 1.5 156.8 2.0 106.1 1.4 1.4 2.086.6 14.3 2,565.5	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 169,995,951.5 AHU 10 Mo May 0.0 3,423.3 27.6 1,794.8 8.9 3,491.2 12.1 3,422.0 11.9 6,441.3 24.7 18,572.6	1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 1,929.6 10,770.3 1,947,876.3 913,090,027.9 Energy Consumpti July 0.0 0.0 1,947,876.3 38.7 19,824.6 42.5 19,430.8 41.7 20,396.2 52.8 95,234.8	Nug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6 1,846,153.9 888,521,690.1 ion Aug. 0.0 0.18,247.6 41.5 19,248.7 40.0 18,866.0 39.2 21,442.8 54.4 93,115.1	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3 Sep. 0.0 0.0 0.0 9,210.4 36.3 6,295.9 18.6 9,769.6 22.5 9,574.9 11,865.9 34.8 46,717.7	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 89,492,942.0 Oct. 0.0 0.0 1,859.4 8.2 2,300.1 9.6 1,852.3 8.6 1,816.6 8.4 1,702.9 11.5	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 0.0 208.9 2.3 292.6 3.1 201.6 2.2 197.7 2.2 132.3 3.8 1,033.1	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,354.9 180.0 1,947,876.3 3,169,960,263.5 Total 0.0 65,390.4 44.2 53,986.3 38.7 68,440.5 42.5 67,081.6 41,7 77,959.1
Level 1	Jan 0.0	Feb 0.0	March 0.0 0.	April 0.0 0.0 106.0 1.4 1.3 125.9 1.7 73.8 1.0 1,101.8 7.6 1,101.8 7.6 1,101.8 13.0 140,680.0 17,411,158.8 April 0.0 0.0 109.9 1.5 156.8 1.0 106.1 1.4 1.4 2,086.6 14.3	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 AHU 10 Mo May 0.0 0.0 3,423.3 27.6 1,794.8 9 3,491.2 11.1 11.9 6,441.3 24.7	1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,423.9 1,599,423.9 1,599,423.9	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 79,314.5 180.0 1,947,876.3 913,090,027.9 Energy Consumpti July 0.0 0.0 18,951.9 44.2 16,631.3 38.7 19,824.6 42.5 19,430.8 41.7 20,396.2 55.8	Number of the control	Sep. 0.0 0.0 9.866.5 38.7 4,211.5 12.5 11,564.9 2,66 6,801.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3 Sep. 0.0 0.0 9,210.4 36.3 6,296.9 18.6 9,769.6 22.5 9,574.9 22.1 11,865.9 34.8	Oct. 0.0 0.0 1.850.8 8.9 1.538.3 6.4 2.197.8 10.1 1.287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 Oct. 0.0 0.0 1.859.4 8.2 2.300.1 8.52.3 8.6 1.816.6 8.4 1,702.9 11.5	Nov. 0.0 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 208.9 2.3 292.6 3.1 201.6 2.2 197.7 2.2 132.3 3.8	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,348.9 1,947,876.3 3,169,960,263.5 Total 0.0 0.0 65,390.4 44.2 53,988.6 38.7 68,440.5 42.5 67,941.5
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.5 125.9 1.7 73.8 1.0 1.101.8 8 1.0 1.512.4 13.0 140,680.0 17,411,158.8 April 0.0 0.0 109.9 1.5 156.8 2.0 106.1 1.4 1.4 2.086.6 14.3 2,565.5	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 169,995,951.5 AHU 10 Mo May 0.0 3,423.3 27.6 1,794.8 8.9 3,491.2 12.1 3,422.0 11.9 6,441.3 24.7 18,572.6	1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 1,929.6 10,770.3 1,947,876.3 913,090,027.9 Energy Consumpti July 0.0 0.0 1,947,876.3 38.7 19,824.6 42.5 19,430.8 41.7 20,396.2 52.8 95,234.8	Nug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6 1,846,153.9 888,521,690.1 ion Aug. 0.0 0.18,247.6 41.5 19,248.7 40.0 18,866.0 39.2 21,442.8 54.4 93,115.1	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3 Sep. 0.0 0.0 0.0 9,210.4 36.3 6,295.9 18.6 9,769.6 22.5 9,574.9 11,865.9 34.8 46,717.7	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 89,492,942.0 Oct. 0.0 0.0 1,859.4 8.2 2,300.1 9.6 1,852.3 8.6 1,816.6 8.4 1,702.9 11.5	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 0.0 208.9 2.3 292.6 3.1 201.6 2.2 197.7 2.2 132.3 3.8 1,033.1	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total .0.0 .0.0 .69,399.7 .46,2.3 .36,107.7 .52,9 .81,038.7 .50,4 .47,642.3 .275,354.9 .180,0 .1,947,876.3 .3,169,960,263.5 .87.7 .70,390.4 .44.2 .53,986.3 .38.7 .68,440.5 .42.5 .67,081.6 .41,77,7959.1
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.	April 0.0 0.0 106.0 1.4 1.3 125.9 1.7 73.8 1.0 1.101.8 1.3 1.0 1.101.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 14,766.5 70.9 767,246.8 169,995,951.5 AHU 10 Mo May 0.0 0.0 3,423.3 27.6 1,794.8 8.9 3,491.2 12.1 3,422.0 18,572.6 85.2	1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 75,314.5 180.0 1,947,876.3 913,090,027.9 Energy Consumpti July 0.0 0.0 18,955.1 38.7 19,824.6 42.5 19,430.8 41.7 20,396.2 52.8 95,234.8 219.9	Nug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 11,846,153.9	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 15.7 6,265.8 111.9 1,210,929.8 445,645,771.3 Sep. 0.0 0.0 9,210.4 36.3 6,296.9 18.6 9,769.6 22.5 9,574.9 34.8 46,717.7 134.3	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 89,492,942.0 Oct. 0.0 0.0 1,859.4 8.2 2,300.1 9.6 1,852.3 8.6 1,816.6 1,816.3	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 0.0 208.9 2.3 292.6 3.1 201.6 2.2 197.7 2.2 132.3 3.8 1,033.1	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,354.9 180.0 1,947,876.3 3,169,960,263.5 Total 0.0 0.0 0.0 0.0 65,390.4 44.2 53,988.6 38.7 68,440.5 42.5 67,081.6 41,7 77,999.1 54.4 332,860.2 219.9
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.	April 0.0 0.0 106.0 1.4 104.9 1.3 125.9 1.7 73.8 1.0 1.101.8 1.5 12.4 13.0 140,680.0 17,411,158.8 April 0.0 0.0 109.9 1.5 156.8 2.0 106.1 1.4 1.4 2.086.6 14.3 2,565.5	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 13.0 14,766.5 70.9 767,246.8 169,995,951.5 AHU 10 Mo May 0.0 3,423.3 27.6 1,794.8 8.9 3,491.2 12.1 3,422.0 11.9 6,441.3 24.7 18,572.6	1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 1,929.6 10,770.3 1,947,876.3 913,090,027.9 Energy Consumpti July 0.0 0.0 1,947,876.3 38.7 19,824.6 42.5 19,430.8 41.7 20,396.2 52.8 95,234.8	Nug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 28.7 77,180.4 170.6 1,846,153.9 888,521,690.1 ion Aug. 0.0 0.18,247.6 41.5 19,248.7 40.0 18,866.0 39.2 21,442.8 54.4 93,115.1	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 18.4 38,710.5 111.9 1,210,929.8 445,645,771.3 Sep. 0.0 0.0 0.0 9,210.4 36.3 6,295.9 18.6 9,769.6 22.5 9,574.9 11,865.9 34.8 46,717.7	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 89,492,942.0 Oct. 0.0 0.0 1,859.4 8.2 2,300.1 9.6 1,852.3 8.6 1,816.6 8.4 1,702.9 11.5	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 0.0 208.9 2.3 292.6 3.1 201.6 2.2 197.7 2.2 132.3 3.8 1,033.1	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,354.9 180.0 1,947,876.3 3,169,960,263.5 Total 0.0 65,390.4 44.2 53,986.6 38.7 68,440.5 42.5 67,081.6 41,7 77,959.1 54.4 322,860.2
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.	April 0.0 0.0 106.0 1.4 1.3 125.9 1.7 73.8 1.0 1.101.8 1.3 1.0 1.101.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 14,766.5 70.9 767,246.8 169,995,951.5 AHU 10 Mo May 0.0 0.0 3,423.3 27.6 1,794.8 8.9 3,491.2 12.1 3,422.0 18,572.6 85.2	1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 75,314.5 180.0 1,947,876.3 913,090,027.9 Energy Consumpti July 0.0 0.0 18,955.1 38.7 19,824.6 42.5 19,430.8 41.7 20,396.2 52.8 95,234.8 219.9	Nug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 11,846,153.9	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 15.7 6,265.8 111.9 1,210,929.8 445,645,771.3 Sep. 0.0 0.0 9,210.4 36.3 6,296.9 18.6 9,769.6 22.5 9,574.9 34.8 46,717.7 134.3	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 89,492,942.0 Oct. 0.0 0.0 1,859.4 8.2 2,300.1 9.6 1,852.3 8.6 1,816.6 1,816.3	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 208.9 2.3 292.6 3.1 201.6 2.2 197.7 2.2 132.3 3.8 1,033.1	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,354.9 180.0 1,947,876.3 3,169,960,263.5 Total 0.0 0.0 0.0 0.0 65,390.4 44.2 53,988.6 38.7 68,440.5 42.5 67,081.6 41,7 77,999.1 54.4 332,860.2 219.9
Level 1	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.	April 0.0 0.0 106.0 1.4 1.3 125.9 1.7 73.8 1.0 1.101.8 1.3 1.0 1.101.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 14,766.5 70.9 767,246.8 169,995,951.5 AHU 10 Mo May 0.0 0.0 3,423.3 27.6 1,794.8 8.9 3,491.2 12.1 3,422.0 18,572.6 85.2	1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 75,314.5 180.0 1,947,876.3 913,090,027.9 Energy Consumpti July 0.0 0.0 18,955.1 38.7 19,824.6 42.5 19,430.8 41.7 20,396.2 52.8 95,234.8 219.9	Nug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 11,846,153.9	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 15.7 6,265.8 111.9 1,210,929.8 445,645,771.3 Sep. 0.0 0.0 9,210.4 36.3 6,296.9 18.6 9,769.6 22.5 9,574.9 34.8 46,717.7 134.3	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 89,492,942.0 Oct. 0.0 0.0 1,859.4 8.2 2,300.1 9.6 1,852.3 8.6 1,816.6 1,816.3	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 208.9 2.3 292.6 3.1 201.6 2.2 197.7 2.2 132.3 3.8 1,033.1	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total 0.0 0.0 69,399.7 46.2 36,107.7 25.9 81,038.7 50.4 47,642.3 29.6 41,166.5 28.7 275,354.9 180.0 1,947,876.3 3,169,960,263.5 Total 0.0 0.0 0.0 0.0 65,390.4 44.2 53,988.6 38.7 68,440.5 42.5 67,081.6 41,7 77,999.1 54.4 332,860.2 219.9
by A.C. (BTUH) Level 1 KWh Kw Level 2 KWh Kw Level 3 KWh Level 5 KW Level 6 KWh Monthly Peak kW Monthly Energy sonsumed by A.C. (BTUH) Level 1 KWh Kw Level 2 KWh Monthly Energy sonsumed by A.C. (BTUH) Level 3 KWh Level 4 KWh Level 5 KWh Level 5 KWh Level 6 KWh Level 7 KWh Level 8 KWh Level 8 KWh Level 8 KWh Level 9 KWh Level 9 KWh Level 1 KWh Level 1 KWh Level 1 KWh Level 1 KWh Level 2 KWh Level 3 KWh Level 3 KWh Level 4 KWh Level 5 KWh Level 6 KWh Level 6 KWh Monthly Totals kWh Monthly Totals kWh Monthly Peak kW	Jan 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Feb 0.0	March 0.0 0.	April 0.0 0.0 106.0 1.4 1.3 125.9 1.7 73.8 1.0 1.101.8 1.3 1.0 1.101.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	AHU 9 Mor May 0.0 0.0 3,600.4 29.0 1,200.3 6.0 4,134.5 14.4 2,430.0 8.5 3,401.3 14,766.5 70.9 767,246.8 169,995,951.5 AHU 10 Mo May 0.0 0.0 3,423.3 27.6 1,794.8 8.9 3,491.2 12.1 3,422.0 18,572.6 85.2	1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9 1,599,422.9	Energy Consumpti July 0.0 0.0 20,147.6 46.2 11,123.0 25.9 23,473.1 50.4 13,800.5 29.6 10,770.3 27.9 75,314.5 180.0 1,947,876.3 913,090,027.9 Energy Consumpti July 0.0 0.0 18,955.1 38.7 19,824.6 42.5 19,430.8 41.7 20,396.2 52.8 95,234.8 219.9	Nug. 0.0 0.0 19,428.3 43.5 10,239.4 23.1 22,789.8 47.4 13,400.0 27.9 11,322.9 11,846,153.9	Sep. 0.0 0.0 9,866.5 38.7 4,211.5 12.5 11,564.9 26.6 6,801.8 15.7 6,265.8 15.7 6,265.8 111.9 1,210,929.8 445,645,771.3 Sep. 0.0 0.0 9,210.4 36.3 6,296.9 18.6 9,769.6 22.5 9,574.9 34.8 46,717.7 134.3	Oct. 0.0 0.0 1,850.8 8.9 1,538.3 6.4 2,197.8 10.1 1,287.6 6.0 899.2 6.1 7,773.7 37.5 405,807.6 89,492,942.0 Oct. 0.0 0.0 1,859.4 8.2 2,300.1 9.6 1,852.3 8.6 1,816.6 1,816.3	Nov. 0.0 0.0 201.5 2.2 195.7 2.1 239.3 2.6 140.2 1.5 69.9 2.0 846.6 10.4 112,544.0 9,746,288.7 Nov. 0.0 0.0 208.9 2.3 292.6 3.1 201.6 2.2 197.7 2.2 132.3 3.8 1,033.1	Dec. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total

						nthly Cooling Coil	Energy Consumpt	ion					
	Jan	Feb	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Level 1 kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Level 2 kWh	0.0	0.0	0.0	141.7	4,422.1	17,287.2	24,492.0	23,581.5	11,903.6	2,400.3	269.3	0.0	84,497.7
KW	0.0	0.0	0.0	1.9	35.7	47.6	57.2	53.6	46.8	10.5	3.0	0.0	57.2
Level 3 kWh	0.0	0.0	0.0	190.1	2,175.2	13,582.9	20,158.8	18,557.2	7,632.0	2,787.7	354.6	0.0	65,438.5
KW	0.0	0.0	0.0	2.4	10.8	37.8	46.9	41.8	22.6	11.6	3.8	0.0	46.9
Level 4 kWh	0.0	0.0	0.0	201.0	6,593.9	26,334.6	37,433.1	36,342.7	18,441.3	3,507.4	382.0	0.0	129,236.0
KW	0.0	0.0	0.0	2.7	22.9	67.2	80.3	75.5	42.5	16.1	4.2	0.0	80.3
Level 5 kWh	0.0	0.0	0.0	142.6	4,682.1	18,700.9	26,582.5	25,809.0	13,097.4	2,488.2	270.9	0.0	91,773.6
Kw	0.0	0.0	0.0	1.9	16.3	47.7	57.0	53.6	30.2	11.5	3.0	0.0	57.0
Level 6 KWh	0.0	0.0	1.5	2,818.9 19.4	8,701.9 33.3	18,764.9 52.8	27,554.4 71.3	28,968.2 73.5	16,030.3 47.1	2,300.5 15.6	178.8 5.1	0.0	105,319.4 73.5
Monthly Totals kWh	0.0	0.0	1.5	3,494.3	26,575.2	94,670.5	136,220.8	133,258.6	67,104.6	13,484.1	1,455.6	0.0	476,265.2
Monthly Peak kW	0.0	0.0	1.5	28.3	119.0	253.1	312.7	298.0	189.2	65.3	19.1	0.0	312.7
Monthly BTU (1.1089kW/Ton)	0.0	0.0	16,232.3	306,249.4	1,287,762.7	2,738,930.5	3,383,894.0	3,224,817.4	2,047,434.4	706,646.2	206,691.3	0.0	3,383,894.0
Monthly Energy sonsumed by A.C. (BTUH)	0.0	0.0	17,268.4	40,227,329.0	305,940,907.5	1,089,872,463.2	1 568 210 782 0	1,534,109,132.5	772,526,348.7	155,232,615.0	16,757,261.8	0.0	5,482,894,108.2
by A.C. (BIOH)	0.0	0.0	17,200.4	40,227,329.0					772,320,346.7	135,232,013.0	10,737,201.0	0.0	5,462,654,106.2
	Jan	Feb	March	April	May May	nthly Cooling Coil June	Energy Consumpt July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Lough 1 kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Level 1 Kw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0.0	0.0	0.0	83.5	2,600.7	10,164.4	14,398.4	13,863.3	6,997.5	1,412.6	158.7	0.0	49,679.1
Level 2 Kw	0.0	0.0	0.0	1.1	21.0	28.0	33.6	31.6	27.6	6.2	1.7	0.0	33.6
kWh	0.0	0.0	0.0	114.7	1,307.1	8,093.2	12,008.8	11,056.2	4,552.6	1,664.7	214.0	0.0	39,011.3
Level 3 Kw	0.0	0.0	0.0	1.4	6.4	22.5	28.0	24.9	13.4	6.9	2.3	0.0	28.0
kWh	0.0	0.0	0.0	78.2	2,570.8	10,269.3	14,597.5	14,173.4	7,193.4	1,364.5	148.5	0.0	50,395.6
Level 4 Kw	0.0	0.0	0.0	1.0	8.9	26.2	31.3	29.5	16.6	6.3	1.6	0.0	31.3
kWh	0.0	0.0	0.0	83.2	2,551.7	10,119.9	14,327.2	13,891.8	7,028.3	1,397.2	158.1	0.0	49,557.4
Level 5 Kw	0.0	0.0	0.0	0.2	8.8	25.6	31.3	29.4	16.3	6.1	1.7	0.0	31.3
kWh	0.0	0.0	0.6	1,193.6	3,688.5	7,963.9	11,687.3	12,286.9	6,800.8	971.0	75.5	0.0	44,668.1
Level 6 Kw	0.0	0.0	0.6	8.2	14.1	22.4	30.2	31.3	20.0	6.6	2.2	0.0	31.3
Monthly Totals kWh	0.0	0.0	0.6	1,553.2	12,718.8	46,610.7	67,019.2	65,271.6	32,572.6	6,810.0	754.8	0.0	233,311.5
Monthly Peak kW	0.0	0.0	0.6	11.9	59.2	124.7	154.4	146.7	93.9	32.1	9.5	0.0	154.4
Monthly BTU													1
(1.1089kW/Ton)	0.0	0.0	6,492.9	128,776.3	640,634.9	1,349,445.4	1,670,845.0	1,587,519.2	1,016,142.1	347,371.3	102,804.6	0.0	1,670,845.0
Monthly Energy sonsumed by A.C. (BTUH)	0.0	0.0	6,907.4	17,880,859.5	146,422,273.9	536,595,015.6	771,543,200.8	751,424,355.7	374,984,602.3	78,398,566.3	8,689,462.2	0.0	2,685,945,243.8
	Jan	Feb	Moreh	Annil		nthly Cooling Coil				-			Total
Level 1 kWh												Doc	
			March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KW kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Level 2 KWh	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 82.9	0.0 0.0 2,582.1	0.0 0.0 10,091.4	0.0 0.0 14,294.9	0.0 0.0 13,763.7	0.0 0.0 6,947.2	0.0 0.0 1,402.5	0.0 0.0 157.5	0.0 0.0 0.0	0.0 0.0 49,322.2
Level 2 KWh KW	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1	0.0 0.0 2,582.1 20.8	0.0 0.0 10,091.4 27.8	0.0 0.0 14,294.9 33.3	0.0 0.0 13,763.7 31.3	0.0 0.0 6,947.2 27.4	0.0 0.0 1,402.5 6.2	0.0 0.0 157.5 1.7	0.0 0.0 0.0 0.0	0.0 0.0 49,322.2 33.3
Level 2 KWh Level 3 KWh	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6	0.0 0.0 2,582.1 20.8 1,168.4	0.0 0.0 10,091.4 27.8 7,227.3	0.0 0.0 14,294.9 33.3 10,723.9	0.0 0.0 13,763.7 31.3 9,873.5	0.0 0.0 6,947.2 27.4 4,066.4	0.0 0.0 1,402.5 6.2 1,487.1	0.0 0.0 157.5 1.7 191.5	0.0 0.0 0.0 0.0 0.0	0.0 0.0 49,322.2 33.3 34,840.7
Level 2 KWh Level 2 KWh KW Level 3 KWh KW	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6	0.0 0.0 2,582.1 20.8 1,168.4 5.7	0.0 0.0 10,091.4 27.8 7,227.3 20.1	0.0 0.0 14,294.9 33.3 10,723.9 25.0	0.0 0.0 13,763.7 31.3 9,873.5 22.2	0.0 0.0 6,947.2 27.4 4,066.4 12.0	0.0 0.0 1,402.5 6.2 1,487.1 6.1	0.0 0.0 157.5 1.7 191.5 2.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 49,322.2 33.3 34,840.7 25.0
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4	0.0 0.0 14,294.9 33.3 10,723.9 25.0 13,197.7	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3	0.0 0.0 157.5 1.7 191.5 2.0 134.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 49,322.2 33.3 34,840.7 25.0 45,588.9
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7	0.0 0.0 14,294.9 33.3 10,723.9 25.0 13,197.7 28.3	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 49,322.2 33.3 34,840.7 25.0 45,588.9
Level 2 KWh Level 3 KWh Kw Level 3 KWh Kw Level 4 KWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1	0.0 0.0 14,294,9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 49,322.2 33.3 34,840.7 25.0 45,588.9 28.3 45,855.0
Level 3	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8	0.0 0.0 14,294.9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 49,322.2 33.3 34,840.7 25.0 45,588.9 28.3 45,855.0
Level 1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1	0.0 0.0 14,294,9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 49,322.2 33.3 34,840.7 25.0 45,588.9 28.3 45,855.0 28.5 72,405.2
Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 5 KWh Level 5 Kw Level 6 KWh Kw Level 6 Kw Kw Level 6 Kw Kw Kwh Kw Level 6 Kw Kw Kwh Kw Kwh Kwh Kwh Kwh Kwh Kwh Kw	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 22.9	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3	0.0 0.0 14,294.9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 18,943.2 49.0	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8 5.7 1,581.6	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 1.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 49,322.2 33.3 34,840.7 25.0 45,588.9 28.3 45,855.0 28.5 72,405.2
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5	0.0 0.0 14,294.9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 18,943.2	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8 5.7 1,581.6	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 1.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 49,322.2 33.3 34,840.7 25.0 45,588.9 28.3 45,855.0 28.5 72,405.2
Level 2 KW Kw Level 3 KWh Kw Level 4 KWh Kw Level 4 KWh Level 5 KWh Kw Monthly Totals kWh Monthly Peak kW	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 13.3 2,265.1	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 22.9 14,395.9	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3 48,847.7 131.7	0.0 0.0 14,294,9 33.3 10,723,9 25.0 13,197.7 28.3 13,282,4 28.5 18,943,2 49.0 66,503.8	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8 5.7 1,581.6 10.7 12,249.3 43.8	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 1.5 122.9 3.5 1,846.8 14.4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 49,322.2 33.3 34,840,7 25.0 45,588.9 28.3 45,855.0 28.5 72,405.2 50.5 257,221.0
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 13.3 2,265.1	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 22.9 14,395.9	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3	0.0 0.0 14,294.9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 18,943.2 49.0 66,503.8	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8 5.7 1,581.6 10.7	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 1.5 122.9 3.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 49,322.2 33.3 34,840.7 25.0 45,588.9 28.3 45,855.0 28.5 72,405.2 50.5 257,221.0
Level 1 Kw Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 5 KWh Level 6 KWh Monthly Totals kWh Monthly BTU	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 13.3 2,265.1	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 22.9 14,395.9 65.6	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3 48,847.7 131.7	0.0 0.0 14,294,9 33.3 10,723,9 25.0 13,197.7 28.3 13,282,4 28.5 18,943,2 49.0 66,503.8	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3 159.1	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8 5.7 1,581.6 10.7 12,249.3 43.8	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 1.5 122.9 3.5 1,846.8 14.4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 49,322.2 33.3 34,840,7 25.0 45,588.9 28.3 45,855.0 28.5 72,405.2 50.5 257,221.0
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 13.3 2,265.1 17.5	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 22.9 14,395.9 65.6 709,892.7 AHU 14 Mo	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3 48,847.7 131.7 1,425,196.2	0.0 0.0 14,294.9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 18,943.2 49.0 66,503.8 159.4 1,724,952.7	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3 159.1	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8 10.7 12,249.3 43.8	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 1.5 122.9 3.5 1,846.8 14.4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 49,322.2 33.3 34,840.7 25.0 45,588.9 28.3 45,855.0 50.5 257,221.0 159.4 1,724,952.7 2,961,197,890.2
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 1,937.9 13.3 2,265.1 17.5 189,376.9 April	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 22.9 14,395.9 65.6 709,892.7 AHU 14 Mo May	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3 48,847.7 131.7 1,425,196.2 security Cooling Coil	0.0 0.0 14,294,9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 18,943.2 49.0 66,503.8 159.4 1,724,952.7 765,609,776.2 Energy Consumpt	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,941.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3 159.1 1,721,706.2 802,132,456.4 ion Aug.	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6 1,229,326.4 477,012,105.2	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8 5.7 1,581.6 10.7 12,249.3 43.8 473,983.2	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 1.5 122.9 3.5 1,846.8 14.4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 49,322.2 33.3 34,840.7 25.0 45,588.9 28.3 45,855.0 28.5 72,405.2 50.5 257,221.0 159,4 1,724,952.7 2,961,197,890.2
Level 2 KWh Level 3 KWh Level 4 KWh Kw Level 5 KWh Level 5 KWh Level 6 KWh Monthly Totals kWh Monthly BTU (1.1089kW/Ton) Monthly Energy sonsumed by A.C. (BTUH)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 13.3 2,265.1 17.5 189,376.9 April 390.6	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 22.9 14,395.9 65.6 709,892.7 AHU 14 Mo May 4,220.4	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3 48,847.7 131.7 1,425,196.2 1,425,196.2 1,425,196.2 1,100 Coling Coil June 25,798.8	0.0 0.0 14,294.9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 18,943.2 49.0 66,503.8 159.4 1,724,952.7 765,609,776.2 Energy Consumpt July 38,431.0	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3 159.1 1,721,706.2 802,132,456.4 ion Aug. 35,219.3	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6 1,229,326.4 477,012,105.2	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8 5.7 1,581.6 10.7 12,249.3 43.8 473,983.2	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 1.5 122.9 3.5 1,846.8 14.4 155,830.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 49,322.2 33.3 34,840,7 25.0 45,588.9 28.5 72,405.2 50.5 25,721.0 159,4 1,724,952.7 2,961,197,890.2
Level 1 Kw Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 5 KWh Level 6 KWh Monthly Totals kWh Monthly Peak kW (1.1089kW/Ton) Monthly Energy sonsumed by A.C. (BTUH)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 13.3 2,265.1 17.5 189,376.9 April 390.6 4.9	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 2,399.0 65.6 709,892.7 AHU 14 Mo May 4,220.4	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3 48,847.7 131.7 1,425,196.2 ththy Cooling Coil June 25,798.8 72.6	0.0 0.0 14,294.9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 13,282.4 49.0 66,503.8 159.4 1,724,952.7 765,609,776.2 Energy Consumpt July 38,431.0 92.3	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3 159.1 1,721,706.2	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6 1,229,326.4 477,012,105.2	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8 5.7 1,581.6 10.7 12,249.3 43.8 473,983.2 441,017,262.7	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 1.5 122.9 3.5 1,846.8 14.4 155,830.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 49,322.2 33.3 34,840.7 25.0 45,588.9 28.5 72,405.2 50.5 159.4 1,724,952.7 2,961,197,890.2 Total 124,494.2 92.3
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 1,937.9 189,376.9 26,076,445.3	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 2.2.9 14,395.9 65.6 709,892.7 165,729,503.8 AHU 14 Mo May 4,220.4 15.9 0.0	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3 48,847.7 131.7 1,425,196.2 thity Cooling Coil June 25,798.8 72.6 0.0	0.0 0.0 14,294,9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 18,943.2 49.0 66,503.8 159.4 1,724,952.7 765,609,776.2 Energy Consumpt July 38,431.0 92.3 0.0	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3 159.1 1,721,706.2 802,132,456.4 ion Aug. 35,219.3 80.8 0.0	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6 1,229,326.4 477,012,105.2 Sep. 14,400.4 41.9 0.0	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5,7 1,240.8 5,7 1,581.6 10.7 12,249.3 43.8 473,983.2 141,017,262.7	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 122.9 3.5 1,846.8 14.4 155,830.1 21,260,862.3	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 49,322.2 33.3 34,840,7 25.0 45,588.5 72,405.2 50.5 25,7221.0 159.4 1,724,952.7 2,961,197,890.2 Total 124,494.2 92.3 0.0
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 13.3 2,265.1 17.5 189,376.9 April 390.6 4,9 0.0	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 22.9 14,395.9 65.6 709,892.7 AHU 14 Mo May 4,220.4 19.9 0.0	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3 48,847.7 131.7 1,425,196.2 1,425,196.2 1,425,196.2 1,425,196.2 1,425,196.2	0.0 0.0 14,294.9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 18,943.2 49.0 66,503.8 159.4 1,724,952.7 765,609,776.2 Energy Consumpt July 38,431.0 92.3 0.0	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3 159.1 1,721,706.2 802,132,456.4 ion Aug. 35,219.3 80.8 0.0 0.0	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6 1,229,326.4 477,012,105.2 Sep. 14,400.4 41.9 0.0	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8 5.7 1,581.6 10.7 12,249.3 43.8 473,983.2 141,017,262.7	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 1.5 122.9 3.5 1,846.8 14.4 155,830.1 21,260,862.3	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 49,322.2 33.3 34,840,7 25.0 45,588.9 48,855.0 25,521.0 172,495.2 1,724,952.7 2,961,197,890.2 Total 124,494.2 92.3 0.0
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 13.3 2,265.1 17.5 189,376.9 26,076,445.3 April 390.6 4.9 0.0 0.0	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 22.9 14,395.9 65.6 709,892.7 AHU 14 Mo May 4,220.4 19.9 0.0 0.0	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3 48,847.7 131.7 1,425,196.2 1,425,196.1 nthly Cooling Coll June 25,798.8 7,2.6 0.0 0.0	0.0 0.0 14,294,9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 18,943.2 49.0 66,503.8 159.4 1,724,952.7 765,609,776.2 Energy Consumpt July 38,431.0 92.3 0.0 0.0	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,941.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3 159.1 1,721,706.2 802,132,456.4 600 Aug. 35,219.3 80.8 0.0 0.0	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6 1,229,326.4 477,012,105.2 Sep. 14,400.4 41.9 0.0 0.0	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8 5.7 1,581.6 10.7 12,249.3 43.8 473,983.2 141,017,262.7	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 1.5 122.9 3.5 1,846.8 14.4 155,830.1 21,260,862.3	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 1,0 0.0 0.0 1,0 0.0 0.0 1,0 1,0 1,724,952.7 0.0 0.0 0.0
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 1,937.9 26,076,445.3	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 22.9 14,395.9 65.6 709,892.7 AHU 14 Mo 4,220.4 19.9 0.0 0.0 0.0	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3 48,847.7 131.7 1,425,196.2 562,347,966.1 nthly Cooling Coil June 25,798.8 72.6 0.0 0.0	0.0 0.0 14,294.9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 49.0 66,503.8 159.4 1,724,952.7 765,609,776.2 Energy Consumpt July 38,431.0 92.3 0.0 0.0 0.0	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5 50,576.3 159.1 1,721,706.2 802,132,456.4 ion Aug. 35,219.3 80.8 0.0 0.0 0.0	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6 1,229,326.4 477,012,105.2 Sep. 14,400.4 41.9 0.0 0.0 0.0	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5,7 1,240.8 5,7 1,581.6 10.7 12,249.3 43.8 473,983.2 141,017,262.7	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 1.5 122.9 3.5 1,846.8 14.4 155,830.1 Nov. 721.6 7.6 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 49,322.2 33.3 34,840.7 25.0 45,588.5 72,405.2 50.5 25,721.0 159,4 1,724,952.7 2,961,197,890.2 Total 124,494.2 92.3 0.0 0.0 0.0
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 13.3 2,265.1 17.5 189,376.9 April 390.6 4.9 0.0 0.0 0.0 0.0	0.0 0.0 2,582.1 20.8 1,168.4 5,7 2,324.0 8.1 2,339.0 8.1 5,982.4 22.9 14,395.9 65.6 709,892.7 AHU 14 Mo May 4,220.4 15.9 0.0 0.0 0.0 0.0	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 12,900.5 36.3 48,847.7 131.7 1,425,196.2 562,347,966.1 nthly Cooling Coil June 25,798.8 72.6 0.0 0.0 0.0	0.0 0.0 14,294.9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 16,943.2 49.0 66,503.8 159.4 1,724,952.7 765,609,776.2 Energy Consumpt July 38,431.0 92.3 0.0 0.0 0.0 0.0	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 15,915.2 50.5 69,676.3 159.1 1,721,706.2 802,132,456.4 ion Aug. 35,219.3 80.8 0.0 0.0 0.0 0.0	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6 1,229,326.4 477,012,105.2 Sep. 14,400.4 41.9 0.0 0.0 0.0 0.0	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,581.6 10.7 12,249.3 43.8 473,983.2 141,017,262.7 Oct. 5,312.1 21.4 0.0 0.0 0.0 0.0	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 1.5 122.9 3.5 1,846.8 14.4 155,830.1 Nov. 721.6 7.6 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 49,322.2 33.3 34,840,7 25.0 45,588.9 28.3 72,405.2 50.5 257,221.0 1,724,952.7 2,961,197,890.2 Total 124,494.2 0.0 0.0 0.0 0.0
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 1,937.9 26,076,445.3 April 390.6 4.9 0.0 0.0 0.0 0.0	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 2.9 14,395.9 65.6 709,892.7 165,729,503.8 AHU 14 Mo May 4,220.4 15.9 0.0 0.0 0.0 0.0	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3 48,847.7 131.7 1,425,196.2 1,425,196.2 1,425,196.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 14,294,9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 18,943.2 49.0 66,503.8 159.4 1,724,952.7 765,609,776.2 Energy Consumpt July 38,431.0 92.3 0.0 0.0 0.0 0.0	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3 159.1 1,721,706.2 802,132,456.4 ion Aug. 35,219.3 80.8 0.0 0.0 0.0 0.0	0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6 477,012,105.2 Sep. 14,400.4 41.9 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5,7 1,240.8 5,7 1,581.6 10.7 12,249.3 43.8 473,983.2 141,017,262.7	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 122.9 3.5 1,846.8 14.4 155,830.1 21,260,862.3	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 1,0 0.0 0.0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 13.3 2,265.1 17.5 189,376.9 26,076,445.3 April 390.6 4.9 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 22.9 14,395.9 65.6 709,892.7 AHU 14 Mo May 4,220.4 19.9 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3 48,847.7 131.7 1,425,196.2 1,425,196.2 1,425,196.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 14,294.9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 18,943.2 49.0 66,503.8 159.4 1,724,952.7 765,609,776.2 Energy Consumpt July 38,431.0 92.3 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3 159.1 1,721,706.2 802,132,456.4 ion Aug. 35,219.3 80.8 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6 1,229,326.4 477,012,105.2 Sep. 14,400.4 41.9 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8 5.7 1,581.6 10.7 12,249.3 43.8 473,983.2 141,017,262.7 Oct. 5,312.1 21.4 0.0 0.0 0.0 0.0 0.0	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 122.9 3.5 1,846.8 14.4 155,830.1 Nov. 721.6 7.6 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 49,322.2 33.3 34,840,7 25.0 45,588.9 28.8 72,405.2 50.5 25,721.0 1,724,952.7 2,961,197,890.2 Total 124,494.2 0.0 0.0 0.0 0.0 0.0 0.0
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Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 13.3 2,265.1 17.5 189,376.9 26,076,445.3 April 390.6 4.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 2.9 14,395.9 65.6 709,892.7 165,729,503.8 AHU 14 Mo May 4,220.4 15.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 348,847.7 131.7 1,425,196.2 1,425,196.2 1,425,196.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 14,294,9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 18,943.2 49.0 66,503.8 159.4 1,724,952.7 765,609,776.2 Energy Consumpt July 38,431.0 92.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3 159.1 1,721,706.2 802,132,456.4 ion Aug. 35,219.3 80.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.0 0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6 477,012,105.2 Sep. 14,400.4 41.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5,7 1,240.8 5,7 1,581.6 10.7 12,249.3 43.8 473,983.2 141,017,262.7 Oct. 5,312.1 21.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 122.9 3.5 1,846.8 14.4 155,830.1 21,260,862.3 Nov. 721.6 7.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 49,322.2 33.3 34,840.7 25.0 45,588.9 28.3 45,855.0 25.5 25,724.05.2 1,724,952.7 2,961,197,890.2 Total 124,494.2 92.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
Level 1 KW KW Level 2 KWh KW Level 3 KWh KW Level 4 KWh KW KWh KW Level 6 KWh Monthly Totals kWh Monthly Peak kW (1.1089kW/Ton) Level 1 KWh KW Level 2 KWh Level 3 KWh Level 4 KWh Level 4 KWh Level 4 KWh Level 4 KWh Level 5 KWh Level 5 KWh Level 5 KWh Level 6 KWh KWh Level 6 KWh KWh KWh KWh KWh Level 6 KWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 13.3 2,265.1 17.5 189,376.9 April 390.6 4.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 2.582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 22.9 14,395.9 65.6 709,892.7 AHU 14 Mo May 4,220.4 19.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 36.3 48,847.7 131.7 1,425,196.2 562,347,966.1 nthly Cooling Coil June 25,798.8 72.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 14,294.9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 18,943.2 49.0 66,503.8 159.4 1,724,952.7 765,609,776.2 Energy Consumpt July 38,431.0 92.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3 159.1 1,721,706.2 802,132,456.4 ion Aug. 35,219.3 80.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.0 0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6 477,012,105.2 Sep. 14,400.4 41.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5.7 1,240.8 5.7 1,581.6 10.7 12,249.3 43.8 473,983.2 141,017,262.7 Oct. 5,312.1 21.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 1.5 122.9 3.5 1,846.8 14.4 155,830.1 Nov. 721.6 7.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 49,322.2 33.3 34,840,7 25.0 45,588.9 45,855.0 25,7221.0 1724,952.7 2,961,197,890.2 Total 124,494.2 92.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 82.9 1.1 102.6 1.3 70.6 0.9 71.1 0.9 1,937.9 13.3 2,265.1 17.5 189,376.9 26,076,445.3 April 390.6 4.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 2,582.1 20.8 1,168.4 5.7 2,324.0 8.1 2,339.0 8.1 5,982.4 2.9 14,395.9 65.6 709,892.7 165,729,503.8 AHU 14 Mo May 4,220.4 15.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 10,091.4 27.8 7,227.3 20.1 9,284.4 23.7 9,344.1 23.8 12,900.5 348,847.7 131.7 1,425,196.2 1,425,196.2 1,425,196.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 14,294,9 33.3 10,723.9 25.0 13,197.7 28.3 13,282.4 28.5 18,943.2 49.0 66,503.8 159.4 1,724,952.7 765,609,776.2 Energy Consumpt July 38,431.0 92.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 13,763.7 31.3 9,873.5 22.2 12,841.5 26.6 12,896.7 26.8 19,915.2 50.5 69,676.3 159.1 1,721,706.2 802,132,456.4 ion Aug. 35,219.3 80.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.0 0.0 0.0 6,947.2 27.4 4,066.4 12.0 6,504.3 15.0 6,545.8 15.1 11,020.5 32.4 41,435.1 113.6 477,012,105.2 Sep. 14,400.4 41.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 1,402.5 6.2 1,487.1 6.1 1,232.3 5,7 1,240.8 5,7 1,581.6 10.7 12,249.3 43.8 473,983.2 141,017,262.7 Oct. 5,312.1 21.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 157.5 1.7 191.5 2.0 134.1 1.5 135.1 122.9 3.5 1,846.8 14.4 155,830.1 21,260,862.3 Nov. 721.6 7.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

Appendix C Natural Gas Monthly Consumption and Cost Values for Heating and Cooling

				Hea	ting Monthly Consu	imption of GCT for	Steam (BTU) Summ	ary NO HR				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
AHU 7	1,587,370,750	1,366,551,375	1,029,974,750	691,166,875	527,155,125	471,686,250	474,839,750	479,406,375	479,108,875	595,490,875	723,639,000	1,293,321,750
AHU 8	2,066,390,375	1,780,611,875	1,343,004,250	904,682,625	695,227,750	629,242,250	636,174,000	638,643,250	630,997,500	776,088,250	939,862,000	1,681,960,875
AHU 9	1,206,585,625	1,014,683,250	781,904,375	537,032,125	409,717,000	367,472,000	369,911,500	371,666,750	368,706,625	446,562,375	540,319,500	978,923,750
AHU 10	1,436,746,500	1,228,883,250	929,211,500	625,969,750	476,029,750	421,304,625	421,780,625	423,451,088	421,349,250	525,087,500	641,484,375	1,165,515,750
AHU 11	2,110,494,750	1,801,243,500	1,377,811,750	941,126,375	725,543,000	651,391,125	656,180,875	659,661,625	654,574,375	800,334,500	964,896,625	1,719,847,500
AHU 12	1,049,446,125	886,966,500	672,379,750	450,712,500	334,538,750	288,009,750	286,254,500	291,579,750	297,262,000	375,876,375	463,400,875	849,972,375
AHU 13	1,081,338,125	935,741,625	706,830,250	477,561,875	367,962,875	326,788,875	327,978,875	330,567,125	330,909,250	400,732,500	484,151,500	883,485,750
AHU 14	681,825,375	548,709,000	411,814,375	270,249,000	215,702,375	176,149,750	180,047,000	181,489,875	179,407,375	208,874,750	263,213,125	535,529,750
Total BTU	11.220.197.625	9.563.390.375	7.252.931.000	4.898.501.125	3.751.876.625	3.332.044.625	3.353.167.125	3.376.465.838	3.362.315.250	4.129.047.125	5.020.967.000	9.108.557.500

Total BTU	11,220,197,625	9,563,390,375	7,252,931,000	4,898,501,125	3,751,876,625	3,332,044,625	3,353,167,125	3,376,465,838	3,362,315,250	4,129,047,125	5,020,967,000	9,108,557,500
Therms	112,202	95,634	72,529	48,985	37,519	33,320	33,532	33,765	33,623	41,290	50,210	91,086
Cost	\$22,103	\$18,846	\$14,304	\$9,675	\$7,420	\$6,595	\$6,637	\$6,682	\$6,655	\$8,162	\$9,916	\$17,952

					Energy Consum	nption by Absorption	Chiller NO HR (BTU/I	hr)				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
AHU 7	0.0	0.0	16,117.2	38,788,295.1	238,218,821.4	771,730,850.8	1,104,630,043.6	1,089,340,596.3	558,748,078.9	119,797,844.5	16,483,269.8	0.0
AHU 8	0.0	0.0	21,873.3	47,391,415.3	320,351,968.5	1,101,994,884.7	1,587,611,261.3	1,558,809,861.4	790,351,949.3	154,052,607.2	16,303,678.4	0.0
AHU 9	0.0	0.0	6,907.4	17,411,158.8	169,995,951.5	636,049,525.8	913,090,027.9	888,521,690.1	445,645,771.3	89,492,942.0	9,746,288.7	0.0
AHU 10	0.0	0.0	12,663.5	29,511,707.0	213,812,806.6	760,857,510.7	1,096,368,837.8	1,071,966,276.7	537,826,828.6	109,726,909.7	11,893,327.3	0.0
AHU 11	0.0	0.0	17,268.4	40,227,329.0	305,940,907.5	1,089,872,463.2	1,568,210,782.0	1,534,109,132.5	772,526,348.7	155,232,615.0	16,757,261.8	0.0
AHU 12	0.0	0.0	6,907.4	17,880,859.5	146,422,273.9	536,595,015.6	771,543,200.8	751,424,355.7	374,984,602.3	78,398,566.3	8,689,462.2	0.0
AHU 13	0.0	0.0	11,512.3	26,076,445.3	165,729,503.8	562,347,966.1	765,609,776.2	802,132,456.4	477,012,105.2	141,017,262.7	21,260,862.3	0.0
AHU 14	0.0	0.0	0.0	4,496,693.1	48,586,389.0	297,002,780.2	442,428,091.5	405,454,130.3	165,781,309.1	61,154,335.4	8,307,254.8	0.0

Total	0	0	93,249	221,783,903	1,609,058,622	5,756,450,997	8,249,492,021	8,101,758,499	4,122,876,993	908,873,083	109,441,405	0
Natural Gas												
(BTU/hr)	0	0	777,078	1,848,199,193	13,408,821,853	47,970,424,975	68,745,766,842	67,514,654,162	34,357,308,278	7,573,942,358	912,011,712	0
Natural Gas												
(Therms)	0	0	8	18,482	134,088	479,704	687,458	675,147	343,573	75,739	9,120	0
Cost	\$0	\$0	\$2	\$3,678	\$26,406	\$94,354	\$135,198	\$132,778	\$67,591	\$14,935	\$1,837	\$0

$\begin{array}{c} Appendix\ D \\ \quad \text{Constituent\ Tables\ for\ Heating\ Energy\ Consumption\ and\ Peak\ Values} \end{array}$

					AHU 7 Mon	thly Heating Coil E	nergy Consumption	on					
	Jan	Feb	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Level 1 therms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
therms/hr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Level 2 therms	1,248.3 2.2	976.8	787.6	655.4	651.6 0.9	0.9	607.6 0.9	614.0 0.9	613.2 0.9	1.0	657.4 1.0	942.2 1.7	9,016.5 2.2
therms/hr therms	1,183.5	970.7	1.4 906.1	1.0 837.1	841.7	766.9	777.0	792.3	791.3	826.9	816.8	983.0	10,493.3
Level 3 therms/hr	2.1	1.9	1.4	1.2	1.2	1.2	1.1	1.2	1.2	1.2	0.9	1.7	2.1
therms	779.8	658.9	671.7	637.8	626.0	564.2	567.8	576.3	578.8	632.9	632.2	695.6	7,622.0
Level 4 therms/hr	1.3	1.2	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.3
therms	829.0	674.1	619.9	572.3	564.2	514.8	522.2	531.5	528.6	564.3	555.0	675.4	7,151.3
Level 5 therms/hr	1.5	1.3	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.2	1.5
Level C therms	2,283.1	2,372.0	1,588.4	936.2	728.5	671.1	666.7	680.5	692.5	1,032.9	1,253.5	1,948.7	14,854.1
Level 6 therms/hr	4.1	4.7	3.3	2.1	1.1	1.1	1.0	1.0	1.1	2.4	2.8	3.6	4.7
Monthly Totals therms	6,323.7	5,652.5	4,573.7	3,638.8	3,412.0	3,117.0	3,141.3	3,194.6	3,204.4	3,719.4	3,914.9	5,244.9	49,137.2
Monthly Peak therm/hr	11.2	11.1	8.1	6.1	4.9	4.9	4.7	4.8	4.9	6.3	6.5	9.3	11.2
					7.2								
Peak BTU/hr output						100 170 0			100 170 0			774 600 0	
(83.3% eff.)	932,960.0	924,630.0	674,730.0	508,130.0	408,170.0	408,170.0	391,510.0	399,840.0	408,170.0	524,790.0	541,450.0	774,690.0	932,960.0
Monthly Total Consumed		040 000 075	500 227 075		507 505 000	452 552 750	467.060.075	475 405 750	476 654 500	550 050 750	500 044 075	700 470 075	7 200 450 500
by CGT for steam (BTU)	940,650,375	840,809,375	680,337,875	541,271,500	507,535,000	463,653,750	467,268,375	475,196,750	476,654,500	553,260,750	582,341,375	780,178,875	7,309,158,500
					AHII 8 Mon	thly Heating Coil E	nergy Consumption	on					
	Jan	Feb	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
therms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Level 1 therms/hr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
therms	1,859.7	1,479.2	1,253.2	1,081.4	1,105.3	1,049.7	1,073.9	1,072.7	1,045.2	1,097.5	1,072.2	1,446.9	14,636.9
Level 2 therms/hr	3.2	2.9	2.2	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6	2.6	3.2
therms	1,300.5	1,060.0	978.9	902.4	907.8	827.7	839.7	856.1	853.1	890.3	876.8	1,064.7	11,358.0
Level 3 therms/hr	2.3	2.1	1.6	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.9	2.3
Level 4 therms	922.3	772.5	782.6	746.1	731.2	652.2	652.6	658.6	658.8	725.0	725.4	806.1	8,833.4
therms/hr	1.6	1.5	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.3	1.6
Level 5 therms	1,019.4	827.4	755.9	693.2	672.3	601.3	606.5	622.8	627.4	678.5	672.0	827.7	8,604.4
therms/nr	1.8	1.6	1.2	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.5	1.8
Level 6 therms	1,341.9	1,364.4	1,180.8	1,082.2	1,064.7	998.9	1,007.4	1,017.5	1,009.3	1,102.0	1,085.2	1,220.7	13,475.0
therms/hr	2.4	2.8	1.8	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.6	2.0	2.8
Monthly Totals therms	6,443.8	5,503.5	4,951.4	4,505.3	4,481.3	4,129.8	4,180.1	4,227.7	4,193.8	4,493.3	4,431.6	5,366.1	56,907.7
Monthly Peak therm/hr	11.3	10.9	8.0	6.6	6.5	6.2	6.1	6.1	6.3	6.5	6.6	9.3	11.3
Peak BTU/hr output (83.3% eff.)	941,290.0	907,970.0	666,400.0	549,780.0	541,450.0	516,460.0	508,130.0	508,130.0	524,790.0	541,450.0	549,780.0	774,690.0	941,290.0
Monthly Total Consumed by CGT for steam (BTU)	958,515,250	818,645,625	736,520,750	670,163,375	666,593,375	614,307,750	621,789,875	628,870,375	623,827,750	668,378,375	659,200,500	798,207,375	8,465,020,375
Monthly Total Consumed	958,515,250	818,645,625	736,520,750	670,163,375		614,307,750			623,827,750	668,378,375	659,200,500	798,207,375	8,465,020,375
Monthly Total Consumed by CGT for steam (BTU)	Jan	Feb	March	April	AHU 9 Mon May	thly Heating Coil E June	nergy Consumptio	on Aug.	Sep.	Oct.	Nov.	Dec.	Total
Monthly Total Consumed by CGT for steam (BTU)	Jan 0.0	Feb 0.0	March 0.0	April 0.0	AHU 9 Mon May 0.0	thly Heating Coil E June 0.0	nergy Consumption July 0.0	Aug.	Sep. 0.0	Oct. 0.0	Nov. 0.0	Dec. 0.0	Total 0.0
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr	Jan 0.0 0.0	Feb 0.0 0.0 0.0	March 0.0 0.0	April 0.0 0.0	AHU 9 Mon May 0.0 0.0	thly Heating Coil E June 0.0 0.0	July 0.0 0.0	O.0 0.0	Sep. 0.0 0.0	Oct. 0.0 0.0	Nov. 0.0 0.0	Dec. 0.0 0.0	Total 0.0 0.0
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms	Jan 0.0 0.0 811.3	Feb 0.0 0.0 0.0 628.1	March 0.0 0.0 497.8	April 0.0 0.0 415.3	AHU 9 Mon May 0.0 0.0 422.5	June 0.0 0.0 398.8	July 0.0 0.0 406.7	0.0 0.0 0.0 405.6	Sep. 0.0 0.0 395.4	Oct. 0.0 0.0 418.2	Nov. 0.0 0.0 410.1	Dec. 0.0 0.0 597.5	Total 0.0 0.0 5,807.3
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms Level 2 therms/hr	Jan 0.0 0.0 811.3 1.5	Feb 0.0 0.0 0.0 628.1 1.3	March 0.0 0.0 497.8 0.9	April 0.0 0.0 415.3 0.6	AHU 9 Mon May 0.0 0.0 422.5 0.6	thly Heating Coil E June 0.0 0.0 398.8 0.6	July 0.0 0.0 406.7 0.6	0.0 0.0 0.0 405.6 0.6	Sep. 0.0 0.0 395.4 0.6	Oct. 0.0 0.0 418.2 0.6	Nov. 0.0 0.0 410.1 0.6	Dec. 0.0 0.0 597.5	Total 0.0 0.0 5,807.3 1.5
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms therms/hr	Jan 0.0 0.0 811.3 1.5 772.0	Feb 0.0 0.0 628.1 1.3 632.9	March 0.0 0.0 497.8 0.9 589.7	April 0.0 0.0 415.3 0.6 543.0	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6	thly Heating Coil E June 0.0 0.0 398.8 0.6 483.2	July 0.0 0.0 406.7 0.6 486.4	0.0 0.0 0.0 405.6 0.6 499.1	Sep. 0.0 0.0 395.4 0.6 501.7	Oct. 0.0 0.0 418.2 0.6 523.1	Nov. 0.0 0.0 410.1 0.6 517.4	Dec. 0.0 0.0 597.5 1.1 634.1	Total 0.0 0.0 5,807.3 1.5 6,724.2
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms Level 3 therms/hr therms/hr therms/hr	Jan 0.0 0.0 811.3 1.5 772.0	Feb 0.0 0.0 0.0 628.1 1.3 632.9 1.3	March 0.0 0.0 497.8 0.9 589.7 1.0	April 0.0 0.0 415.3 0.6 543.0 0.8	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8	thly Heating Coil E June 0.0 0.0 398.8 0.6 483.2 0.8	July 0.0 0.0 406.7 0.6 486.4 0.7	Aug. 0.0 0.0 405.6 0.6 499.1 0.7	Sep. 0.0 0.0 395.4 0.6 501.7 0.8	Oct. 0.0 0.0 418.2 0.6 523.1 0.8	Nov. 0.0 0.0 410.1 0.6 517.4 0.8	Dec. 0.0 0.0 597.5 1.1 634.1 1.1	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms therms/hr	Jan 0.0 0.0 811.3 1.5 772.0	Feb 0.0 0.0 628.1 1.3 632.9	March 0.0 0.0 497.8 0.9 589.7	April 0.0 0.0 415.3 0.6 543.0	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6	thly Heating Coil E June 0.0 0.0 398.8 0.6 483.2	July 0.0 0.0 406.7 0.6 486.4	0.0 0.0 0.0 405.6 0.6 499.1	Sep. 0.0 0.0 395.4 0.6 501.7	Oct. 0.0 0.0 418.2 0.6 523.1	Nov. 0.0 0.0 410.1 0.6 517.4	Dec. 0.0 0.0 597.5 1.1 634.1	Total 0.0 0.0 5,807.3 1.5 6,724.2
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms/hr Level 3 therms/hr Level 4 therms/hr therms/hr therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1,184.4	Feb 0.0 0.0 0.0 628.1 1.3 632.9 1.3 1,015.1	March 0.0 0.0 497.8 0.9 588.7 1.0 1,059.2	April 0.0 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9	thly Heating Coil E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4	July 0.0 0.0 406.7 0.6 486.4 0.7 965.3	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7	Oct. 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms/hr Level 3 therms/hr Level 3 therms/hr Level 4 therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1,184.4 1.9	Feb 0.0 0.0 628.1 1.3 632.9 1.3 1,015.1 1.8	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5	thly Heating Coil E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4	July 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4	Oct. 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.2 1.1 1.9
Level 1 therms therms/hr Level 3 therms/hr Level 3 therms/hr Level 4 therms/hr Level 4 therms/hr Level 5 therms/hr Level 5 therms/hr Level 6 therms/hr Level 7 therms/hr Level 8 therms/hr Level 9 therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1,184.4 1.9 660.8	Feb 0.0 0.0 0.0 628.1 1.3 632.9 1.3 1,015.1 1.8 535.0	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0	AHU 9 Mon May 0.0 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2	thly Heating Coil E June 0.0 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5	nergy Consumption July 0.0 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1	Oct. 0.0 0.0 418.2 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2
Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 4 therms Level 4 therms Level 5 therms/hr Level 5 therms/hr Level 6 therms Level 6 therms/hr Level 6 therms/hr Level 6 therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1,184.4 1.9 660.8 1.2 373.3 0.7	Feb 0.0 0.0 0.0 6.28.1 1.3 632.9 1.3 1,015.1 1.8 535.0 1.1 391.6 0.9	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0	thly Heating Coil E June 0.0 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4	nergy Consumptic July 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0	Sep. 0.0 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4	Oct. 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6	Total 0.0 0.0 5,807,3 1.5 6,724,2 1.4 12,241,1 1.9 5,447,2 1.2 3,364,8 0.9
Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 4 therms/hr Level 5 therms/hr Level 5 therms/hr Level 6 therms/hr Level 6 therms/hr Level 6 therms/hr Monthly Totals therms	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3,801.8	Feb 0.0 0.0 628.1 1.3 632.9 1.3 1,015.1 1.8 535.0 1.1 391.6 0.9 3,202.7	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2	thly Heating Coil E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1	nergy Consumptic July 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7	Sep. 0.0 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4	Oct. 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 1.2 3,364.8 0.9 33,584.6
Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 4 therms Level 4 therms Level 5 therms/hr Level 5 therms/hr Level 6 therms Level 6 therms/hr Level 6 therms/hr Level 6 therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1,184.4 1.9 660.8 1.2 373.3 0.7	Feb 0.0 0.0 0.0 6.28.1 1.3 632.9 1.3 1,015.1 1.8 535.0 1.1 391.6 0.9	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0	thly Heating Coil E June 0.0 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4	nergy Consumptic July 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0	Sep. 0.0 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4	Oct. 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 1.2 3,364.8 0.9
Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 4 therms Level 4 therms/hr Level 5 therms Level 5 therms/hr Level 6 therms/hr Level 6 therms/hr Level 7 therms/hr Level 8 therms/hr Level 8 therms/hr Level 6 therms/hr Level 8 therms/hr Level 8 therms/hr Level 9 therms/hr Level 9 therms/hr Level 1 therms/hr Level 2 therms/hr Level 3 therms/hr Level 4 therms/hr Level 5 therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3,801.8	Feb 0.0 0.0 628.1 1.3 632.9 1.3 1,015.1 1.8 535.0 1.1 391.6 0.9 3,202.7	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2	thly Heating Coil E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1	nergy Consumptic July 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7	Sep. 0.0 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4	Oct. 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 1.2 3,364.8 0.9 33,584.6
Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 3 therms/hr Level 4 therms Level 5 therms/hr Level 5 therms/hr Level 5 therms/hr Level 6 therms/hr Level 7 therms Level 8 therms/hr Level 8 therms/hr Level 9 therms/hr Level 9 therms/hr Level 6 therms/hr Level 8 therms/hr Level 9 therms/hr Lev	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3,801.8 6.7	Feb 0.0 0.0 0.0 628.1 1.3 632.9 1.3 1.015.1 1.8 535.0 1.1 391.6 0.9 3,202.7 6.4	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4.1	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9	thly Heating Coll E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8	nergy Consumptic July 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4	Oct. 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0,7 272.7 0.5 2,660.1	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 1.2 3,364.8 0.9 33,584.6 6,7
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms Therms/hr Level 3 therms/hr Level 4 therms Level 5 therms/hr Level 5 therms/hr Level 6 therms/hr Monthly Totals therms Monthly Peak BTU/hr output (83.3% eff.) Monthly Total Consumed	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3,801.8 6.7	Feb 0.0 0.0 0.0 628.1 1.3 632.9 1.3 1,015.1 1.8 535.0 1.1 391.6 0.9 3,202.7 6.4	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7	April 0.0 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4.1	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9	thly Heating Coil E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0	nergy Consumption July 0.0 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0	000 Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8	Oct. 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 1.2 3,364.8 0.9 33,584.6 6.7
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms Therms/hr Level 3 therms/hr Level 4 therms Level 5 therms/hr Level 5 therms/hr Level 6 therms/hr Monthly Totals therms Monthly Peak BTU/hr output (83.3% eff.) Monthly Total Consumed	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3,801.8 6.7	Feb 0.0 0.0 0.0 628.1 1.3 632.9 1.3 1,015.1 1.8 535.0 1.1 391.6 0.9 3,202.7 6.4	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7	April 0.0 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4.1 341,530.0 400,211,875	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9	thly Heating Coll E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125	nergy Consumptic July 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0	Oct. 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4 449,820.0	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 3,364.8 0.9 33,584.6 6.7 558,110.0
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms / therms / therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms for therms/hr therms Monthly Totals therms Monthly Peak HEV/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU)	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3,801.8 6,7	Feb 0.0 0.0 0.0 628.1 1.3 632.9 1.3 1.015.1 1.8 535.0 1.1 391.6 0.9 3,202.7 6.4 533,120.0	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4.1 341,530.0 400,211,875	AHU 9 Mon May 0.0 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mon May	thly Heating Coll E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125	nergy Consumption July 0.0 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumption July	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875 ion Aug.	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0	Oct. 0.0 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 449,820.0 472,340,750	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 3,364.8 0.9 33,584.6 6.7 558,110.0 4,995,713,713
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms therms/hr Level 4 therms therms/hr Level 5 therms Monthly Totals therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU)	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1,184.4 1.9 660.8 1.2 373.3 0.7 3,801.8 6.7 558,110.0 565,517,750	Feb 0.0 0.0 0.0 628.1 1.3 632.9 1.3 1,015.1 1.8 535.0 1.1 6.9 3,202.7 6.4 533,120.0 476,401,625	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7 391,510.0 438,782,750	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4.1 341,530.0 400,211,875	AHU 9 Mon May 0.0 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mon May 0.0	thly Heating Coil E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125 onthly Heating Coil June 0.0	nergy Consumptic July 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumptic	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0 367,323,250	Oct. 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4 449,820.0 472,340,750	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 1.2 3,364.8 0.9 33,584.6 6,7 558,110.0 4,995,713,713
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms therms/hr Level 4 therms therms/hr Level 5 therms therms/hr Level 6 therms Monthly Totals therms Monthly Peak BTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3,801.8 6.7	Feb 0.0 0.0 628.1 1.3 632.9 1.3 1.015.1 1.8 535.0 1.1 391.6 0.9 3,202.7 6.4 533,120.0 476,401,625	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7 March 0.0	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4.1 341,530.0 400,211,875	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mon May 0.0	thly Heating Coll E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 221.2 0.4 3.8 316,540.0 360,436,125 othly Heating Coll June 0.0 0.0	nergy Consumptic July 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumpti	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0 367,323,250	Oct. 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875 Oct. 0.0	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4 449,820.0 472,340,750 Dec. 0.0	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 3,364.8 0.9 33,584.6 6,7 558,110.0 4,995,713,713
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms therms/hr Level 4 therms therms/hr Level 5 therms Monthly Totals therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU)	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3.801.8 6.7 558,110.0 565,517,750	Feb 0.0 0.0 0.0 628.1 1.3 632.9 1.3 1,015.1 1.8 535.0 1.1 1.0 9.9 3,202.7 6.4 476,401,625	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7 391,510.0 March 0.0 0.0 0.0	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4.1 341,530.0 400,211,875	AHU 9 Mon May 0.0 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mon May 0.0 0.0 449.7	thly Heating Coil E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125 sthly Heating Coil June 0.0 0.0 399.7	nergy Consumption July 0.0 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumpti July 0.0 0.0	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875 ion Aug. 0.0 0.0 402.4	Sep. 0.0 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0 367,323,250 Sep. 0.0 0.0 0.0 406.8	Oct. 0.0 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875 Oct. 0.0 0.0	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4 449,820.0 472,340,750 Dec. 0.0 0.0 0.0	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 1.2 3,364.8 0.9 33,584.6 6.7 558,110.0 4,995,713,713 Total 0.0 0.0 6,176.6
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms Level 3 therms/hr Level 4 therms/hr Level 5 therms/hr Level 6 therms Monthly Totals therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 1 therms/hr Level 2 therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3,801.8 6.7 558,110.0 565,517,750	Feb 0.0 0.0 628.1 1.3 632.9 1.3 1.015.1 1.8 535.0 1.1 391.6 0.9 3,202.7 6.4 533,120.0 476,401,625	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7 March 0.0 0.0 551.0	April 0.0 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4.1 341,530.0 400,211,875 April 0.0 0.0 461.3 0.7	AHU 9 Mon May 0.0 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mor May 0.0 0.0 449.7 0.7	thly Heating Coll E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125 thly Heating Coll June 0.0 0.0 399.7 0.6	nergy Consumptic July 0.0 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumpti July 0.0 0.0 0.0 398.1 0.6 0.6	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875 ion Aug. 0.0 0.0 402.4 0.6	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0 367,323,250 Sep. 0.0 0.0 406.8 0.6	Oct. 0.0 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875 Oct. 0.0 0.0 0.0 452.2 0.7	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750 Nov. 0.0 0.0 0.0 454.5	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4 449,820.0 472,340,750 Dec. 0.0 0.0 655.8	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 3,364.8 0.9 33,584.6 6.7 558,110.0 4,995,713,713 Total 0.0 0.0 6,176.6
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms Level 2 therms Level 3 therms/hr Level 4 therms/hr Level 5 therms/hr Level 6 therms/hr Monthly Totals therms Monthly Totals therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 1 therms Level 1 therms	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3,801.8 6.7 558,110.0 565,517,750 Jan 0.0 0.0 866.5 1.6 1,145.8	Feb 0.0 0.0 0.0 628.1 1.3 632.9 1.3 1,015.1 1.8 535.0 1.1 1.0 9.9 3,202.7 6.4 476,401,625	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7 391,510.0 March 0.0 0.0 0.0	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4.1 341,530.0 400,211,875	AHU 9 Mon May 0.0 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mon May 0.0 0.0 449.7	thly Heating Coil E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125 sthly Heating Coil June 0.0 0.0 399.7	nergy Consumption July 0.0 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumpti July 0.0 0.0	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875 ion Aug. 0.0 0.0 402.4	Sep. 0.0 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0 367,323,250 Sep. 0.0 0.0 0.0 406.8	Oct. 0.0 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875 Oct. 0.0 0.0	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4 449,820.0 472,340,750 Dec. 0.0 0.0 655.8 1.2 947.3	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 1.2 3,364.8 0.9 33,584.6 6.7 558,110.0 4,995,713,713 Total 0.0 0.0 6,176.6
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms/hr therms/hr Level 3 therms/hr Level 4 therms Level 5 therms Level 5 therms Monthly Totals therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms Level 3 therms/hr Level 4 therms/hr Level 5 therms/hr Level 6 therms Monthly Total Consumed by CGT for steam (BTU)	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3,801.8 6.7 558,110.0 565,517,750	Feb 0.0 0.0 0.0 628.1 1.3 632.9 1.3 1.015.1 1.8 535.0 1.1 391.6 0.9 3,202.7 6.4 533,120.0 476,401,625	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7 March 0.0 0.0 0.0 551.0 1.0 883.4	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4,1 341,530.0 400,211,875 April 0.0 0.0 461.3 0.7 820.0	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mon May 0.0 0.0 449.7 0.7 827.0	thly Heating Coll E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125 sthly Heating Coll June 0.0 0.0 399.7 0.6 755.3	nergy Consumptic July 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumpti July 0.0 0.0 398.1 0.6 765.9	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875 ion Aug. 0.0 0.0 402.4 0.6 778.6	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0 367,323,250 Sep. 0.0 0.0 406.8 0.6	Oct. 0.0 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875 Oct. 0.0 0.0 0.0 452.2 0.7 801.3	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750 Nov. 0.0 0.0 454.5 0.7 786.6	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4 449,820.0 472,340,750 Dec. 0.0 0.0 655.8	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 3,364.8 0.9 33,584.6 6,7 558,110.0 4,995,713,713 Total 0.0 0.0 6,176.6 1.6 1.6
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms Level 3 therms/hr Level 4 therms/hr Level 5 therms/hr Level 6 therms Monthly Totals therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 1 therms Level 1 therms Level 3 therms/hr Level 3 therms/hr Level 1 therms Level 1 therms Level 1 therms/hr Level 2 therms/hr Level 2 therms/hr Level 3 therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3.801.8 6.7 558,110.0 565,517,750 Jan 0.0 0.0 866.5 1.6 1,145.8 2.0 817.5	Feb 0.0 0.0 0.0 628.1 1.3 632.9 1.3 1.015.1 1.8 535.0 1.1 1 391.6 0.9 3,202.7 6.4 533,120.0 476,401,625	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7 March 0.0 0.0 0.0 551.0 1.0 883.4 1.4 710.1	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4.1 341,530.0 400,211,875 April 0.0 0.0 461.3 0.7 820.0 1.2 680.1 1.0	AHU 9 Mon May 0.0 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mon May 0.0 0.0 449.7 0.7 827.0 1.2 673.4 1.0	thly Heating Coil E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125 sthly Heating Coil June 0.0 0.0 399.7 0.6 755.3 1.1 699.0 8.0	nergy Consumption July 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumpti July 0.0 0.0 398.1 0.6 765.9 1.1 612.4 0.9	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875 ion Aug. 0.0 402.4 0.6 778.6 1.1 615.4 0.9	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0 367,323,250 Sep. 0.0 0.0 406.8 0.6 771.8 1.2 610.1 0.9	Oct. 0.0 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875 Oct. 0.0 0.0 452.2 0.7 801.3 1.2 663.6 1.0	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750 Nov. 0.0 0.0 0.0 454.5 0.7 786.6 1.0	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4 449,820.0 472,340,750 Dec. 0.0 0.0 655.8 1.2 947.3 1.6 725.8	Total 0.0 0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 3,364.8 0.9 33,584.6 6.7 558,110.0 4,995,713,713 Total 0.0 0.1 0.0 6,176.6 1.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms therms/hr Level 3 therms Level 4 therms/hr Level 5 therms Monthly Totals therms Monthly Peak BTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms therms/hr Level 3 therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms therms/hr therms Level 3 therms therms/hr Level 4 therms therms/hr therms Level 4 therms therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3,801.8 6.7 558,110.0 565,517,750 Jan 0.0 0.0 866.5 1.6 1,145.8 2.0 817.5 1.4 933.9	Feb 0.0 0.0 628.1 1.3 632.9 1.13 1.015.1 1.8 535.0 1.11 391.6 0.9 3,202.7 6.4 533,120.0 476,401,625 Feb 0.0 0.0 678.6 1.4 941.6 1.8 691.8 1.3 758.7	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7 March 0.0 0.0 0.0 551.0 1.0 883.4 710.1 1.0 695.4	April 0.0 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4.1 341,530.0 400,211,875 April 0.0 0.0 461.3 0.7 820.0 1.2 680.1 1.0 641.9	AHU 9 Mon May 0.0 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mor May 0.0 449.7 0.7 827.0 1.2 673.4 1.0 628.5	thly Heating Coll E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125 thly Heating Coll June 0.0 0.0 0.0 399.7 0.6 755.3 1.1 609.0 8.0	nergy Consumptic July 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumpti July 0.0 0.0 398.1 0.6 765.9 1.1 612.4 0.9 573.6	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875 ion Aug. 0.0 402.4 0.6 778.6 1.1 615.4 0.9 585.1	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0 367,323,250 Sep. 0.0 0.0 406.8 0.6 771.8 1.2 610.1 0.9 583.3	Oct. 0.0 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875 Oct. 0.0 0.0 452.2 0.7 801.3 1.2 663.6 1.0 624.5	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750 Nov. 0.0 0.0 0.0 454.5 0.7 786.6 1.2 659.6 1.0 615.1	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4 449,820.0 472,340,750 Dec. 0.0 0.0 655.8 1.2 947.3 1.6 725.8 1.1	Total .0.0 .0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 3,364.8 0.9 33,584.6 6.7 558,110.0 4,995,713,713 Total .0.0 0.0 6,176.6 1.6 1.0,224.6 2.0 8,068.8 8.0 0.0
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 4 therms/hr Level 5 therms/hr Level 5 therms Monthly Totals therms Level 6 therms Monthly Totals therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms Therms/hr Level 3 therms/hr Level 4 therms Level 4 therms Level 5 therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3.801.8 6.7 558,110.0 565,517,750 Jan 0.0 0.0 866.5 1.6 1.145.8 2.0 817.5 1.4 933.9 1.7	Feb 0.0 0.0 628.1 1.3 632.9 1.3 1.015.1 1.8 535.0 1.1 1 391.6 0.9 3,202.7 6.4 533,120.0 476,401,625 Feb 0.0 0.0 678.6 1.4 941.6 1.8 691.8 1.3 758.7 1.5	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7 March 0.0 0.0 0.0 551.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4,1 341,530.0 April 0.0 0.0 461.3 0.7 820.0 1.2 680.1 1.0 641.9	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mon May 0.0 0.0 449.7 0.7 827.0 1.2 673.4 1.0 628.5 0.9	thly Heating Coll E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125 othly Heating Coll June 0.0 0.0 399.7 0.6 755.3 1.1 609.0 8.0 567.7 0.9	nergy Consumptic July 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumpti July 0.0 0.0 398.1 0.6 765.9 1.1 612.4 0.9 573.6 0.8	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875 con Aug. 0.0 0.0 402.4 0.6 778.6 1.1 615.4 0.9 585.1	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0 367,323,250 Sep. 0.0 0.0 406.8 0.6 771.8 1.2 610.1 0.9 583.3	Oct. 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875 Oct. 0.0 0.0 0.0 452.2 0.7 801.3 1.2 663.6 1.0 624.5 0.9	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750 Nov. 0.0 0.0 454.5 0.7 786.6 1.2 659.6 1.0 615.1	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4 449,820.0 472,340,750 Dec. 0.0 0.0 655.8 1.2 947.3 1.6 725.8 1.1 755.8	Total
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr Level 2 therms Level 3 therms/hr Level 4 therms/hr Level 5 therms Monthly Totals therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms Level 3 therms/hr Level 3 therms/hr Level 4 therms Level 1 therms Level 1 therms Level 1 therms/hr Level 2 therms/hr Level 3 therms/hr Level 3 therms/hr Level 4 therms Level 4 therms/hr Level 5 therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1,184.4 1.9 660.8 1.2 373.3 0.7 3,801.8 6.7 558,110.0 565,517,750 Jan 0.0 0.0 866.5 1.6 1,145.8 2.0 817.5 1.4 933.9 1.7 717.9	Feb 0.0 0.0 628.1 1.3 632.9 1.3 1.015.1 1.8 535.0 1.1 391.6 0.9 3,202.7 6.4 533,120.0 476,401,625 Feb 0.0 0.0 678.6 1.4 941.6 1.8 691.8 1.3 758.7 1.5 748.5	March 0.0 0.0 497.8 0.9 588.7 1.0 1.05 1.05 2.949.8 4.7 391,510.0 March 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.5 2,690.5 4.1 341,530.0 400,211,875 April 0.0 0.0 0.0 461.3 0.7 820.0 1.2 680.1 1.0 641.9 1.0 536.3	AHU 9 Mon May 0.0 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mon May 0.0 0.0 449.7 0.7 827.0 1.2 673.4 1.0 628.5 0.9 503.9	thly Heating Coil E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125 thly Heating Coil I June 0.0 0.0 399.7 0.6 755.3 1.1 609.0 8.0 567.7 0.9	nergy Consumption July 0.0 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumption July 0.0 0.0 398.1 0.6 765.9 1.1 612.4 0.9 573.6 0.8	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875 ton Aug. 0.0 0.0 402.4 0.6 778.6 1.1 615.4 0.9 585.1 0.9	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316.540.0 367,323,250 Sep. 0.0 0.0 406.8 0.6 771.8 1.2 610.1 0.9 583.3 0.9	Oct. 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875 Oct. 0.0 0.0 0.0 452.2 0.7 801.3 1.2 663.6 1.0 624.5 0.9 539.3	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750 Nov. 0.0 0.0 0.0 454.5 0.7 786.6 1.2 659.6 1.0 615.1 1.0	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4 449,820.0 472,340,750 Dec. 0.0 0.0 655.8 1.2 947.3 1.6 725.8 1.1 755.8 1.3	Total .0.0 .0.0 .5,807.3 .1.5 .6,724.2 .1.4 .12,241.1 .1.9 .5,447.2 .1.2 .3,364.8 .0.9 .33,584.6 .6.7 558,110.0 4,995,713,713 Total .0.0 .0.0 .0.176.6 .1.6 .1.6 .1.24.6 .2.0 .8,068.8 .8.0 .7,963.5 .1.7 .6,659.6
Level 1 therms Level 3 therms/hr Level 5 therms/hr Level 6 therms/hr Level 8 therms/hr Level 9 therms/hr Level 9 therms/hr Level 9 therms/hr Level 9 therms/hr Level 1 therms Level 1 therms Level 1 therms Monthly Totals therms Monthly Peak therm/hr Level 5 therms/hr Level 6 therms/hr Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 3 therms/hr Level 4 therms Level 5 therms/hr Level 6 therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3.801.8 6.7 558,110.0 565,517,750 Jan 0.0 0.0 866.5 1.145.8 2.0 817.5 1.4 933.9 1.7 717.9	Feb 0.0 0.0 628.1 1.3 632.9 1.13 1.015.1 1.8 535.0 1.11 391.6 0.9 3.202.7 6.4 533,120.0 476,401,625 Feb 0.0 0.0 678.6 1.4 941.6 1.8 691.8 1.3 758.7 1.5 748.5 1.6	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7 March 0.0 0.0 1.0 883.4 1.1 1.0 695.4 1.1 610.8	April 0.0 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 277.6 0.5 2,690.5 4.1 341,530.0 400,211,875 April 0.0 0.0 461.3 0.7 820.0 1.2 680.1 1.0 641.9 1.0 536.3	AHU 9 Mon May 0.0 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mon May 0.0 0.0 449.7 0.7 827.0 1.2 673.4 1.0 628.5 0.9 503.9	thly Heating Coll E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125 athly Heating Coll I June 0.0 0.0 399.7 0.6 755.3 1.1 609.0 8.0 567.7 0.9 457.4 0.7	nergy Consumptic July 0.0 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumpti July 0.0 0.0 398.1 0.6 765.9 1.1 612.4 0.9 573.6 0.8 447.5	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875 100 Aug. 0.0 0.0 402.4 0.6 778.6 1.1 615.4 0.9 585.1 0.9 455.8 0.7	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0 367,323,250 Sep. 0.0 0.0 406.8 0.6 771.8 1.2 610.1 0.9 583.3 0.9 464.1	Oct. 0.0 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875 Oct. 0.0 0.0 452.2 0.7 801.3 1.2 663.6 1.0 624.5 0.9 539.3	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750 Nov. 0.0 0.0 454.5 0.7 786.6 1.2 659.6 1.0 615.1 1.0 541.3 0.9	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4 449,820.0 472,340,750 Dec. 0.0 0.0 655.8 1.2 947.3 1.1 755.8 1.1 755.8 1.3 636.8	Total .0.0 .0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 3,364.8 0.9 33,584.6 6.7 558,110.0 4,995,713,713 Total .0.0 6,176.6 10,224.6 2.0 8,068.8 8.0 7,963.5 1.7 6,659.6 1.6
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms / therms/hr therms / therms/hr therms	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3,801.8 6.7 558,110.0 565,517,750 Jan 0.0 0.0 866.5 1.6 1.145.8 2.0 817.5 1.4 933.9 1.7 717.9 1.4 4,481.6	Feb 0.0 0.0 628.1 1.3 632.9 1.18 535.0 1.11 391.6 0.9 3,202.7 6.4 533,120.0 476,401,625 Feb 0.0 0.0 678.6 1.4 691.8 1.3 758.7 1.5 748.5 1.6 3,819.2	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7 March 0.0 0.0 0.0 551.0 1.0 1.0 883.4 1.4 710.1 1.0 695.4 1.1 610.8 1.0 3,450.7	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4.1 341,530.0 400,211,875 April 0.0 0.0 461.3 0.7 820.0 1.2 680.1 1.0 641.9 1.0 536.3 0.9 3,139.6	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mon May 0.0 0.0 449.7 0.7 827.0 1.2 673.4 1.0 628.5 0.9 503.9 503.9	thly Heating Coll E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125 thly Heating Coll June 0.0 0.0 399.7 0.6 755.3 1.1 609.0 8.0 567.7 0.9 457.4 0.7 2,789.1	nergy Consumption July 0.0 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumpti July 0.0 0.0 398.1 0.6 765.9 1.1 612.4 0.9 573.6 0.8 447.5 0.8 447.5 0.7 2,797.5	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875 ton Aug. 0.0 0.0 402.4 0.6 1.1 615.4 0.9 585.1 0.9 455.8 0.7 2,837.3	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0 367,323,250 Sep. 0.0 0.0 406.8 0.6 771.8 1.2 610.1 0.9 583.3 0.9 464.1 0.9 583.3 0.9 464.1	Oct. 0.0 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875 Oct. 0.0 0.0 0.0 452.2 0.7 801.3 1.2 663.6 1.0 624.5 0.9 539.3 0.9	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750 Nov. 0.0 0.0 454.5 0.7 786.6 1.0 615.1 1.0 541.3 0.9	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5,4 449,820.0 472,340,750 Dec. 0.0 0.0 655.8 1.2 947.3 1.6 725.8 1.1 755.8 1.3 636.8 1.2 3,771.5	Total
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms Level 3 therms/hr Level 3 therms/hr Level 5 therms Level 6 therms/hr Level 6 therms/hr Level 7 therms Monthly Totals therms Monthly Peak therm/hr Peak BTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU) Level 1 therms Level 2 therms/hr Level 3 therms/hr Level 3 therms/hr Level 4 therms Level 4 therms Level 5 therms/hr Level 5 therms/hr Level 6 therms/hr Level 5 therms/hr Level 5 therms/hr Level 6 therms/hr Level 6 therms/hr Level 6 therms/hr Level 6 therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3.801.8 6.7 558,110.0 565,517,750 Jan 0.0 0.0 866.5 1.145.8 2.0 817.5 1.4 933.9 1.7 717.9	Feb 0.0 0.0 628.1 1.3 632.9 1.13 1.015.1 1.8 535.0 1.11 391.6 0.9 3.202.7 6.4 533,120.0 476,401,625 Feb 0.0 0.0 678.6 1.4 941.6 1.8 691.8 1.3 758.7 1.5 748.5 1.6	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7 March 0.0 0.0 1.0 883.4 1.1 1.0 695.4 1.1 610.8	April 0.0 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 277.6 0.5 2,690.5 4.1 341,530.0 400,211,875 April 0.0 0.0 461.3 0.7 820.0 1.2 680.1 1.0 641.9 1.0 536.3	AHU 9 Mon May 0.0 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mon May 0.0 0.0 449.7 0.7 827.0 1.2 673.4 1.0 628.5 0.9 503.9	thly Heating Coll E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125 athly Heating Coll I June 0.0 0.0 399.7 0.6 755.3 1.1 609.0 8.0 567.7 0.9 457.4 0.7	nergy Consumptic July 0.0 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumpti July 0.0 0.0 398.1 0.6 765.9 1.1 612.4 0.9 573.6 0.8 447.5	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875 100 Aug. 0.0 0.0 402.4 0.6 778.6 1.1 615.4 0.9 585.1 0.9 455.8 0.7	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0 367,323,250 Sep. 0.0 0.0 406.8 0.6 771.8 1.2 610.1 0.9 583.3 0.9 464.1	Oct. 0.0 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875 Oct. 0.0 0.0 452.2 0.7 801.3 1.2 663.6 1.0 624.5 0.9 539.3	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750 Nov. 0.0 0.0 454.5 0.7 786.6 1.2 659.6 1.0 615.1 1.0 541.3 0.9	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4 449,820.0 472,340,750 Dec. 0.0 0.0 655.8 1.2 947.3 1.1 755.8 1.3 636.8 1.2	Total .0.0 .0.0 5,807.3 1.5 6,724.2 1.4 12,241.1 1.9 5,447.2 3,364.8 0.9 33,584.6 6.7 558,110.0 4,995,713,713 Total .0.0 6,176.6 10,224.6 2.0 8,068.8 8.0 7,963.5 1.7 6,659.6 1.6
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms / therms/hr therms / therms/hr therms	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1.184.4 1.9 660.8 1.2 373.3 0.7 3,801.8 6.7 558,110.0 565,517,750 Jan 0.0 0.0 866.5 1.6 1.145.8 2.0 817.5 1.4 933.9 1.7 717.9 1.4 4,481.6	Feb 0.0 0.0 628.1 1.3 632.9 1.18 535.0 1.11 391.6 0.9 3,202.7 6.4 533,120.0 476,401,625 Feb 0.0 0.0 678.6 1.4 691.8 1.3 758.7 1.5 748.5 1.6 3,819.2	March 0.0 0.0 497.8 0.9 589.7 1.0 1,059.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7 March 0.0 0.0 0.0 551.0 1.0 1.0 883.4 1.4 710.1 1.0 695.4 1.1 610.8 1.0 3,450.7	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4.1 341,530.0 400,211,875 April 0.0 0.0 461.3 0.7 820.0 1.2 680.1 1.0 641.9 1.0 536.3 0.9 3,139.6	AHU 9 Mon May 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mon May 0.0 0.0 449.7 0.7 827.0 1.2 673.4 1.0 628.5 0.9 503.9 503.9	thly Heating Coll E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125 thly Heating Coll June 0.0 0.0 399.7 0.6 755.3 1.1 609.0 8.0 567.7 0.9 457.4 0.7 2,789.1	nergy Consumption July 0.0 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumpti July 0.0 0.0 398.1 0.6 765.9 1.1 612.4 0.9 573.6 0.8 447.5 0.8 447.5 0.7 2,797.5	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875 ton Aug. 0.0 0.0 402.4 0.6 1.1 615.4 0.9 585.1 0.9 455.8 0.7 2,837.3	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0 367,323,250 Sep. 0.0 0.0 406.8 0.6 771.8 1.2 610.1 0.9 583.3 0.9 464.1 0.9 583.3 0.9 464.1	Oct. 0.0 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875 Oct. 0.0 0.0 0.0 452.2 0.7 801.3 1.2 663.6 1.0 624.5 0.9 539.3 0.9	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750 Nov. 0.0 0.0 454.5 0.7 786.6 1.0 615.1 1.0 541.3 0.9	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5,4 449,820.0 472,340,750 Dec. 0.0 0.0 655.8 1.2 947.3 1.6 725.8 1.1 755.8 1.3 636.8 1.2 3,771.5	Total
Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms / therms/hr therms / therms/hr therms/hr therms/hr therms/hr therms / therms/hr therms / therms/hr therms / therms/hr therms / therms/hr Monthly Totals therms / therms/hr therms/hr therms / therms/hr toutput therms/hr output therms/hr	Jan 0.0 0.0 811.3 1.5 772.0 1.4 1,184.4 1.9 660.8 1.2 373.3 0.7 3,801.8 6.7 558,110.0 Jan 0.0 0.0 866.5 1.6 1,145.8 2.0 817.5 1.4 933.9 1.7 717.9 1.4 4,481.6 8.1	Feb 0.0 0.0 628.1 1.3 632.9 1.3 1.015.1 1.8 535.0 1.1 391.6 0.9 3,202.7 6.4 533,120.0 476,401,625 Feb 0.0 0.0 678.6 1.4 941.6 1.8 691.8 1.3 758.7 1.5 748.5 1.6 3,819.2 7.6	March 0.0 0.0 497.8 0.9 588.7 1.0 1.055.2 1.5 485.4 0.8 317.7 0.5 2,949.8 4.7 March 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	April 0.0 0.0 415.3 0.6 543.0 0.8 1,016.6 1.5 443.0 0.7 272.6 0.5 2,690.5 4.1 341,530.0 April 0.0 0.0 400,211,875 April 0.0 0.0 461.3 0.7 820.0 1.2 680.1 1.0 641.9 1.0 636.3 0.9 3,139.6 4.8	AHU 9 Mon May 0.0 0.0 0.0 422.5 0.6 541.6 0.8 1,021.9 1.5 423.2 0.6 248.0 0.4 2,657.2 3.9 324,870.0 395,262,963 AHU 10 Mon May 0.0 0.0 0.0 0.0 1.2 673.4 1.0 628.5 0.9 503.9 0.8 3,082.5 4.6	thly Heating Coil E June 0.0 0.0 398.8 0.6 483.2 0.8 949.4 1.4 370.5 0.6 221.2 0.4 2,423.1 3.8 316,540.0 360,436,125 hthly Heating Coil June 0.0 0.0 399.7 0.6 755.3 1.1 609.0 8.0 567.7 0.9 457.4 0.7 2,789.1 11.3	nergy Consumptic July 0.0 0.0 406.7 0.6 486.4 0.7 965.3 1.4 370.7 0.6 214.0 0.4 2,443.1 3.7 308,210.0 363,411,125 Energy Consumpti July 0.0 0.0 398.1 0.6 765.9 1.1 612.4 0.9 573.6 0.8 447.5 0.7 2,797.5 4.1	Aug. 0.0 0.0 405.6 0.6 499.1 0.7 969.8 1.4 383.2 0.6 220.0 0.4 2,477.7 3.7 308,210.0 368,557,875 con 402.4 0.6 778.6 1.1 615.4 0.9 585.1 0.9 455.8 0.7 2,337.3 4.2	Sep. 0.0 0.0 395.4 0.6 501.7 0.8 954.7 1.4 390.1 0.6 227.5 0.4 2,469.4 3.8 316,540.0 367,323,250 Sep. 0.0 0.0 406.8 0.6 771.8 1.2 610.1 0.9 583.3 0.9 464.1 0.8 2,836.1	Oct. 0.0 0.0 418.2 0.6 523.1 0.8 1,019.1 1.5 427.0 0.7 272.7 0.5 2,660.1 4.1 341,530.0 395,689,875 Oct. 0.0 0.0 452.2 0.7 801.3 1.2 663.6 1.0 624.5 0.9 3,080.9 4,7	Nov. 0.0 0.0 410.1 0.6 517.4 0.8 1,004.4 1.5 425.6 0.7 276.3 0.5 2,633.8 4.1 341,530.0 391,777,750 Nov. 0.0 0.0 0.0 454.5 0.7 786.6 1.2 659.6 1.0 615.1 1.0 615.1 1.0 9 3,057.1 4.8	Dec. 0.0 0.0 597.5 1.1 634.1 1.1 1,081.2 1.6 532.7 1.0 329.9 0.6 3,175.4 5.4 449,820.0 472,340,750 Dec. 0.0 0.0 655.8 1.2 947.3 1.6 725.8 1.1 755.8 1.3 636.8 1.2 3,721.5 6.4	Total .0.0 .0.0 .5,807.3 .1.5 .6,724.2 .1.4 .12,44.1 .1.2,41.1 .1.9 .5,447.2 .1.2 .3,364.8 .0.9 .33,584.6 .6.7 558,110.0 4,995,713,713 Total .0.0 .0.0 .0.0 .0.0 .0.0 .0.1 .6,176.6 .1.6.

Column						AHU 11 Mor	othly Heating Coil F	nergy Consumpt	ion					
Math	1	Jan	Feb	March	April					Sep.	Oct.	Nov.	Dec.	Total
Marchan 19	therms													
1942 1947 1947 1947 1948 1														
	therms													
March Marc														
Control Cont	therms													11,859.3
March Marc														
March Marc	therms								1,473.1					19,299.0
Mary 1,200														
March Marc	therms													
March Marc														
Column C	therms													8,809.8
March Number Marc								1.0			1.1			
March Number Marc	Monthly Totals therms	6,819.2	5,745.6	5,115.1	4,624.7	4,566.6	4,171.5	4,204.7	4,263.6	4,257.1	4,605.6	4,563.8	5,618.3	58,555.8
Mathematical Companies Mathematical Compan														
Mathematical Content														
March Marc	Peak BTU/hr output													
	(83.3% eff.)	991,270.0	957,950.0	691,390.0	574,770.0	558,110.0	533,120.0	533,120.0	533,120.0	533,120.0	566,440.0	583,100.0	808,010.0	991,270.0
	Monthly Total Consumed													
Part		1,014,356,000	854,658,000	760,871,125	687,924,125	679,281,750	620,510,625	625,449,125	634,210,500	633,243,625	685,083,000	678.865,250	835,722,125	8,710,175,250
Column Teach Tea	-,,	-,,,	,,		,,	,,	,,	,,	,,	,,	,,	,,	,,	-,,,,,
Description	1					AHU 12 Mor	nthly Heating Coil E	nergy Consumpt	ion					
Secretary Color		Jan	Feb	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Secretary Color	Lovel 1 therms													
Design Control Contr														
Control Descriptor Descri	therms										312.6			
Bornamy 1977 1724 1973 1974 1973 1974 1973 1974	Level 2													
Month Mont	therms													
Love 4 Demms	therms/hr													
Control The terrol Table	Level 4 therms													6,220.6
Design Part		1.3	1.2	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.8		
Constant	therms				480.3									
Lond Description Lond	Level 5													
New Horse Name	therms	454.5	469.3	374.2	316.8	290.3	259.2	246.6	251.1	261.2	325.6	336.7	404.2	3,989.7
Peak BTU/Nº output Monthly Teach Nerwork Monthly Teach	therms/hr	0.9	1.1	0.7	0.6	0.5	0.5	0.4	0.4	0.5	0.6	0.6	0.8	1.1
Monthly Test Humble S.5 S.6 4.2 3.5 3.3 3.1 2.9 2.9 3.3 3.4 3.5 3.5 4.8 5.5	Monthly Totals therms	3,288.0	2,760.1	2,448.1	2,208.2	2,126.3	1,875.8	1,864.9	1,913.5	1,959.6	2,192.1	2,211.5	2,719.0	27,567.1
March Marc		5.9		4.2	3.5	3.3	3.1	2.9	2.9	3.3	3.4	3.5	4.8	5.9
March Marc		•												
Monthly Total Consumer Monthly Fore Teach (Name Monthly Fore Teach (N	Peak BTU/hr output													
	(83.3% eff.)	491,470.0	466,480.0	349,860.0	291,550.0	274,890.0	258,230.0	241,570.0	241,570.0	274,890.0	283,220.0	291,550.0	399,840.0	491,470.0
Second S	Monthly Total Consumed													
	by CGT for steam (BTU)	489,090,000	410,564,875	364,154,875	328,469,750	316,287,125	279,025,250	277,403,875	284,633,125	291,490,500	326,074,875	328,960,625	404,451,250	4,100,606,125
						A 1/2							100	
Control Cont						May	June	July	Aug.					
Level Server Ferreshfre 12 11 0.8 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.6 1.0 1.12		0.0	0.0	0.0	0.0	May 0.0	June 0.0	July 0.0	Aug. 0.0	0.0	0.0	0.0	0.0	0.0
Level herms herms herms month herms month mont	therms/hr	0.0	0.0	0.0	0.0	0.0 0.0	June 0.0 0.0	July 0.0 0.0	0.0 0.0	0.0	0.0	0.0	0.0	0.0
	therms/hr Level 2 therms	0.0 0.0 678.2	0.0 0.0 533.2	0.0 0.0 435.9	0.0 0.0 364.5	0.0 0.0 353.6	June 0.0 0.0 313.6	July 0.0 0.0 312.7	0.0 0.0 318.0	0.0 0.0 323.3	0.0 0.0 360.4	0.0 0.0 362.7	0.0 0.0 518.2	0.0 0.0 4,874.3
Hermstrand 1	Level 2 therms/hr Level 2 therms/hr	0.0 0.0 678.2 1.2	0.0 0.0 533.2 1.1	0.0 0.0 435.9 0.8	0.0 0.0 364.5 0.6	0.0 0.0 353.6 0.5	0.0 0.0 0.0 313.6 0.5	0.0 0.0 312.7 0.5	0.0 0.0 0.0 318.0 0.5	0.0 0.0 323.3 0.5	0.0 0.0 360.4 0.6	0.0 0.0 362.7 0.6	0.0 0.0 518.2 1.0	0.0 0.0 4,874.3 1.2
	Level 2 therms/hr Level 2 therms/hr Level 3 therms	0.0 0.0 678.2 1.2 757.0	0.0 0.0 533.2 1.1 618.5	0.0 0.0 435.9 0.8 572.6	0.0 0.0 364.5 0.6 525.2	0.0 0.0 353.6 0.5 525.1	June 0.0 0.0 313.6 0.5 472.6	July 0.0 0.0 312.7 0.5 477.4	0.0 0.0 318.0 0.5 489.2	0.0 0.0 323.3 0.5 492.6	0.0 0.0 360.4 0.6 517.2	0.0 0.0 362.7 0.6 512.5	0.0 0.0 518.2 1.0 623.7	0.0 0.0 4,874.3 1.2 6,583.6
	Level 2 therms/hr Level 2 therms therms/hr Level 3 therms therms/hr	0.0 0.0 678.2 1.2 757.0	0.0 0.0 533.2 1.1 618.5	0.0 0.0 435.9 0.8 572.6 0.9	0.0 0.0 364.5 0.6 525.2 0.8	May 0.0 0.0 353.6 0.5 525.1	June 0.0 0.0 313.6 0.5 472.6 0.7	July 0.0 0.0 312.7 0.5 477.4 0.7	Aug. 0.0 0.0 318.0 0.5 489.2 0.7	0.0 0.0 323.3 0.5 492.6 0.7	0.0 0.0 360.4 0.6 517.2 0.8	0.0 0.0 362.7 0.6 512.5	0.0 0.0 518.2 1.0 623.7	0.0 0.0 4,874.3 1.2 6,583.6 1.3
	Level 1 therms/hr Level 2 therms therms/hr Level 3 therms therms/hr Level 4 therms	0.0 0.0 678.2 1.2 757.0 1.3 681.1	0.0 0.0 533.2 1.1 618.5 1.2 553.4	0.0 0.0 435.9 0.8 572.6 0.9 506.9	0.0 0.0 364.5 0.6 525.2 0.8 464.8	May 0.0 0.0 353.6 0.5 525.1 0.8 455.6	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1	0.0 0.0 323.3 0.5 492.6 0.7 417.5	0.0 0.0 360.4 0.6 517.2 0.8 458.0	0.0 0.0 362.7 0.6 512.5 0.8 457.6	0.0 0.0 518.2 1.0 623.7 1.1 562.3	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6
	Level 1 therms/hr Level 2 therms therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr	0.0 0.0 678.2 1.2 757.0 1.3 681.1	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1	0.0 0.0 435.9 0.8 572.6 0.9 506.9	0.0 0.0 364.5 0.6 525.2 0.8 464.8	May 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6	0.0 0.0 323.3 0.5 492.6 0.7 417.5	0.0 0.0 360.4 0.6 517.2 0.8 458.0	0.0 0.0 362.7 0.6 512.5 0.8 457.6	0.0 0.0 518.2 1.0 623.7 1.1 562.3	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6
Company Comp	Level 1	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4	May 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6
Monthly Total Consumed by CGT for steam (STU) S17,248,375 A40,181,000 388,639,125 350,291,375 343,522,350 310,798,250 311,928,750 316,644,125 319,470,375 343,017,500 347,033,750 427,819,875 446,659,750	Level 1 therms/hr Level 2 therms therms/hr therms/hr therms/hr therms/hr therms therms/hr therms therms/hr therms/hr	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4	May 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6
Peak BTU/hr output RBTU/hr output	Level 1	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0	May 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3
Peak BTU/hr output (83.3% eft.) S16,460.0 499,800.0 349,860.0 299,880.0 291,550.0 229,880.0 221,550.0 226,560.0 258,230.0 228,230.0 274,890.0 291,550.0 299,880.0 433,160.0 516,460.0	Level 1	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0	May 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 0.8	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3
Monthy Total Consume Monthy Total character Monthy Total Consume Mo	Level 1	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9	May 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 0.8 2,309.4	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3 1.5 29,691.4
Monthy Total Consume Monthy Total Cnasume Monthy Total Consume Mont	Level 1	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9	May 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 0.8 2,309.4	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3 1.5 29,691.4
Monthly Total Consumed by CGT for steam (BTU) 517,248,375 440,181,000 388,639,125 350,291,375 343,523,250 310,798,250 311,928,750 316,644,125 319,470,375 343,017,500 347,033,750 427,819,875 4,416,595,750 343,017,500 347,033,750 427,819,875 4,416,595,750 4,416,595,750 4,416,595,750 4,416,595,750 4,416,595,750 4,416,595,750 4,416,595,750 4,416,595,750 4,416,595,750 4,416,595,750 4,416,595,750 4,416,595,750 4,416,595,750 4,416,595,750 4,416,595,750	Level 1 therms/hr therms therms Level 3 therms Level 4 therms/hr Monthly Totals therms Monthly Peak therm/hr	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9	May 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 0.8 2,309.4	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3 1.5 29,691.4
Second Second (STU)	Level 1 therms/hr therms 1 therms/hr therms/hr therms/hr therms/hr therms 1	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 0.9 4.9 3.5	June 0.0 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 6,717.3 1.5 29,691.4 6.2
AHU 14 Monthily Heating Coil Energy Consumption	Level 1	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 0.9 4.9 3.5	June 0.0 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2	0.0 0.0 4,874,3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3 1.5 29,691.4 6.2
Level therms	tevel 1 therms/hr therms therms/hr therms therms/hr therms therms/hr total Consumed	0.0 0.0 678-2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 0.8 2,309.4 3.5	June 0.0 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.6 494.5 0.8 2,147.7 3.3	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2.876.1 5.2	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 2,773.6 1.2 6,717.3 1.5 29,691.4 6.2
Level therms	tevel 1 therms/hr therms therms/hr therms therms/hr therms therms/hr total Consumed	0.0 0.0 678-2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 0.8 2,309.4 3.5	June 0.0 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.6 494.5 0.8 2,147.7 3.3	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2.876.1 5.2	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 2,773.6 1.2 6,717.3 1.5 29,691.4 6.2
Level 1 therms 2,204.2 1,727.5 1,421.7 1,207.4 1,227.9 1,146.7 1,171.7 1,181.2 1,168.2 1,228.1 1,209.1 1,673.3 16,567.0	tevel 1 therms/hr therms therms/hr therms therms/hr therms therms/hr total Consumed	0.0 0.0 678-2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6	May 0.0 0.0 0.0 353.6 0.5 525.1 0.7 451.3 0.7 523.8 0.8 2,309.4 3.5 291,550.0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2 266,560.0	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.6 494.5 0.8 2,147.7 3.3	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2.876.1 5.2	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3 1.5 29,691.4 6.2
Level therms 3.9 3.5 2.5 1.8 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.8 3.1 3.9	tevel 1 therms/hr therms therms/hr therms therms/hr therms therms/hr total Consumed	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 704.0 1.5 2,959.2 6.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 2,612.7 4.2	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 2,309.4 3.5 291,550.0 AHU 14 Mor	June 0.0 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 489.4 3.2 266,560.0 310,798,250	July 0.0 0.0 12.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 2,306.0 3.5 291,550.0	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 6,717.3 1.5 29,691.4 6.2 516,460.0
Level 2 therms 0.0	therms/hr therms therms/hr therms therms/hr therms therms/hr therms therms/hr Monthly Totals therms Monthly Peak BTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU)	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0 499,800.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2 349,860.0	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 2,309.4 3.5 291,550.0 343,523,250 AHU 14 Mor	June 0.0 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2 266,560.0 310,798,250	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 499.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0	0.0 0.00 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3 1.5 29,691.4 6,2 516,460.0 4,416,595,750
Level 2 therms 0.0	Level 1 therms/hr therms therms from the f	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 675.2 1.3 3,477.3 6.2 516,460.0 517,248,375	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0 499,800.0 440,181,000	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2 349,860.0	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.7 451.3 0.7 523.8 2,309.4 3.5 291,550.0 343,523,250 AHU 14 More	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2 266,560.0 310,798,250	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 on Aug. 1,181.2	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875	0.0 0.0 4.874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3 1.5 29,691.4 6,2 516,460.0 4,416,595,750
Level 3 therms 0.0	Level 1 therms/hr therms therms Level 3 therms therms/hr	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0 499,800.0 440,181,000 Feb 1,727.5 3.5	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2 349,860.0 388,639,125	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 2,309.4 3.5 291,550.0 343,523,250 AHU 14 Mor May 1,227.9 1.7	June 0.0 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 3.2 266,560.0 310,798,250	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 499.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumpti	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2.876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1	0.0 0.0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3 1.5 29,691.4 6,2 516,460.0 4,416,595,750
Level 5 therms/hr 0.0	Level 1 Level 2 therms/hr therms therms/hr Monthly Totals therms therms/hr therms/hr therms/hr therms/hr	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 675.2 1.3 3,477.3 6.2 516,460.0 517,248,375	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0 440,181,000	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 2.612.7 4.2 349,860.0 388,639,125	0.0 0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 2,309.4 3.5 291,550.0 343,523,250 AH 14 Mor May 1,227.9 1.7 0.0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2 266,560.0 310,798,250 withly Heating Coil I June 1,146.7 1.7 0.0	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumption July 1,171.7 1.7 0.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 ion Aug. 1,181.2 1.7 0.0	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5 291,550.0 343,017,500	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0	0.0 0.0 4.874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,747.3 1.5 29,691.4 6.2 516,460.0 4,416,595,750 Total 16,567.0 3.9 0.0
Level 4 therms 0.0	Level 1 Level 2 therms/hr therms therms/hr therms therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr Monthly Totals therms Monthly Totals therms Monthly Totals Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms/hr therms/hr therms/hr	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375 Jan 2,204.2 3.9 0.0	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 704.0 1.5 2,959.2 6.0 449,800.0 440,181,000 Feb 1,727.5 3.5 0.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 2.612.7 4.2 349,860.0 388,639,125 March 1,421.7 2.5 0.0	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2.354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 2,309.4 3.5 291,550.0 AHU 14 Mor May 1,227.9 1.7 0.0 0.0	June 0.0 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 489.4 0.6 489.4 3.2 266,560.0 310,798,250 2thly Heating Coll June 1,146.7 1.7 0.0	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumpti July 1,171.7 1.7 0.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 2,306.0 3.5 291,550.0 343,017,500 Oct. 1,228.1 1.7 0.0	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750 Nov. 1,209.1 1.8 0.0	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0	0.0 0.00 0.00 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3 1.5 29,691.4 6,2 516,460.0 4,416,595,750 Total 16,567.0 3.9 0.0
Level 4 herms/hr 0.0 0	Level 1 therms/hr therms therms therms therms/hr Level 3 therms therms/hr therms/hr therms/hr therms/hr therms/hr Monthly Totals therms Monthly Total Stherms/hr Peak BTU/hr output (83.3% eff.) Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0 499,800.0 440,181,000 Feb 1,727.5 3.5 0.0 0.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2 349,860.0 388,639,125 March 1,421.7 2.5 0.0 0.0	0.0 0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0 0.0	May 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 0.8 2,309.4 3.5 291,550.0 AHU 14 Mor May 1,227.9 1.7 0.0 0.0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 3.2 266,560.0 310,798,250 athly Heating Coil June 1,146.7 1.7 0.0 0.0 0.0	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 499.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumpt July 1,171.7 0.0 0.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 con Aug. 1,181.2 1.7 0.0 0.0 0.0	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0 0.0	0.0 0.0 4,874,3 1.2 6,583,6 1.3 5,792,6 1.2 5,773,6 1.2 6,717,3 1.5 29,691,4 6,2 516,460.0 4,416,595,750 Total 16,567.0 0.0 0.0
Level 5 therms 0.0	Level 1 therms/hr therms therms therms therms/hr therms therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms therms/hr therms therms/hr therms therms/hr therms therms/hr	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 675.2 1.3 3,477.3 6.2 516,460.0 517,248,375 Jan 2,204.2 3.9 0.0 0.0 0.0	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0 440,181,000 Feb 1,727.5 3.5 0.0 0.0 0.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 2.612.7 4.2 349,860.0 388,639,125 March 1,421.7 2.5 0.0 0.0	0.0 0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0 0.0 0.0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.7 451.3 0.7 523.8 2,309.4 3.5 291,550.0 AHU 14 More May 1,227.9 1.7 0.0 0.0 0.0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2 266,560.0 310,798,250 310,798,250 June 1,146.7 1.7 0.0 0.0	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumpt July 1,171.7 1.7 0.0 0.0 0.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 con Aug. 1,181.2 1.7 0.0 0.0 0.0	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0 0.0	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5 291,550.0 Oct. 1,228.1 1.7 0.0 0.0 0.0	0.0 0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0 0.0 0.0	0.0 0.0 0.0 4.874.3 1.2 6.583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3 6.2 516,460.0 4,416,595,750 Total 16,567.0 3.9 0.0 0.0 0.0
Level 5 therms/hr 0.0	tevel 1 therms/hr therms therms therms/hr therms therms/hr therms therms/hr Monthly Totals therms Monthly Totals therms therms/hr	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375 Jan 2,204.2 3.9 0.0 0.0 0.0 0.0	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 704.0 1.5 704.0 1.5 6.0 499,800.0 440,181,000 Feb 1,727.5 3.5 0.0 0.0 0.0 0.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2 349,860.0 388,639,125 March 1,421.7 2.5 0.0 0.0 0.0	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0 0.0 0.0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 2,309.4 3.5 291,550.0 AHU 14 Mor May 1,227.9 1.7 0.0 0.0 0.0 0.0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 3.2 266,560.0 310,798,250	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 499.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumpti July 1,171.7 1.7 0.0 0.0 0.0 0.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 ion Aug. 1,181.2 1.7 0.0 0.0 0.0 0.0	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0 0.0 0.0	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750 Nov. 1,209.1 1.8 0.0 0.0 0.0	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 617.2 1.0 617.2 1.1 2.876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3 1.5 29,691.4 6,2 516,460.0 4,416,595,750 Total 16,567.0 0.0 0.0 0.0 0.0
therms 0.0<	Level 1 Level 2 therms/hr therms therms therms/hr therms therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr Monthly Totals therms Monthly Totals therms therms/hr therms therms/hr therms therms/hr therms therms/hr therms therms/hr therms therms/hr	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375 Jan 2,204.2 3.9 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0 449,800.0 440,181,000 Feb 1,727.5 3.5 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2 349,860.0 388,639,125 March 1,421.7 2.5 0.0 0.0 0.0 0.0	0.0 0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0 0.0 0.0 0.0 0.0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.7 451.3 0.7 523.8 0.8 2,309.4 3.5 291,550.0 AH 14 Mor May 1,227.9 1.7 0.0 0.0 0.0 0.0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2 266,560.0 310,798,250 2010,146.7 1.7 0.0 0.0 0.0 0.0 0.0	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumption July 1,171.7 1.7 0.0 0.0 0.0 0.0 0.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 ion Aug. 1,181.2 1.7 0.0 0.0 0.0 0.0	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5 291,550.0 343,017,500	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750 Nov. 1,209.1 1.8 0.0 0.0 0.0 0.0 0.0	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3 1.5 29,691.4 6.2 516,460.0 4,416,595,750 Total 16,567.0 0.0 0.0 0.0 0.0 0.0 0.0
Company Comp	Level 1 therms/hr therms therms therms therms/hr therms therms/hr therms Monthly Totals therms Monthly Totals tonsumed by CGT for steam (BTU) Level 1 therms therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375 Jan 2,204.2 3.9 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 704.0 1.1 704.0 499,800.0 440,181,000 Feb 1,727.5 3.5 0.0 0.0 0.0 0.0 0.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 2.612.7 4.2 349,860.0 388,639,125 March 1,421.7 2.5 0.0 0.0 0.0 0.0	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2.354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0 0.0 0.0 0.0 0.0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 2,309.4 3.5 291,550.0 AHU 14 Mor May 1,227.9 1.7 0.0 0.0 0.0 0.0 0.0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 495.1 0.6 489.4 3.2 266,560.0 310,798,250	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumpt July 1,177.7 1.7 0.0 0.0 0.0 0.0 0.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 ion Aug. 1,181.2 1.7 0.0 0.0 0.0 0.0 0.0	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0 0.0 0.0 0.0	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 2,306.0 3.5 291,550.0 343,017,500 Oct. 1,228.1 1.7 0.0 0.0 0.0 0.0 0.0	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750 Nov. 1,209.1 1.8 0.0 0.0 0.0 0.0 0.0	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3 1.5 29,691.4 6,2 516,460.0 4,416,595,750 Total 16,567.0 0.0 0.0 0.0 0.0 0.0 0.0
Monthly Totals therms 2,204.2 1,727.5 1,421.7 1,207.4 1,227.9 1,146.7 1,171.7 1,181.2 1,168.2 1,228.1 1,209.1 1,673.3 16,567.0	Level 1 Level 2 therms/hr therms therms Level 3 Level 4 Level 4 Level 5 therms therms/hr therms Monthly Totals therms Monthly Totals tonsumed by CGT for steam (BTU) Level 1 therms therms/hr therms therms/hr therms Level 2 therms therms/hr	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0 499,800.0 440,181,000 Feb 1,727.5 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2 March 1,421.7 2.5 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0 0.0 0.0 0.0 0.0 0.0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 0.8 2.309.4 3.5 291,550.0 AHU 14 Mor May 1,227.9 1.7 0.0 0.0 0.0 0.0 0.0 0.0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2 266,560.0 310,798,250 2000 Heating Coll 1 1,146.7 1.7 0.0 0.0 0.0 0.0 0.0	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumption July 1,171.7 1.7 0.0 0.0 0.0 0.0 0.0 0.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 ion Aug. 1,181.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5 291,550.0 343,017,500 Oct. 1,228.1 1.7 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750 Nov. 1,209.1 1.8 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.2 6,717.3 1.5 29,691.4 6.2 Total 16,567.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Monthly Peak therm/hr 3.9 3.5 2.5 1.8 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.8 3.1 3.9 3.5	Level 1 Level 2 therms/hr therms therms therms/hr therms therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr Monthly Totals therms Monthly Totals tonsumed by CGT for steam (BTU) Level 1 Level 1 therms therms/hr therms/hr therms therms/hr	0.0 0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375	0.0 0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0 440,181,000 Feb 1,727.5 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2 349,860.0 388,639,125	0.0 0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.7 451.3 0.7 523.8 2,309.4 3.5 291,550.0 AHU 14 More May 1,227.9 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2 266,560.0 310,798,250 20thly Heating Coil June 1,146.7 1.7 0.0 0.0 0.0 0.0 0.0	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumpt July 1,177.7 1.7 0.0 0.0 0.0 0.0 0.0 0.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 On Aug. 1,181.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5 291,550.0 Oct. 1,228.1 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750	0.0 0.0 10.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 6,717.3 1.5 29,691.4 6.2 516,460.0 4,416,595,750 Total 16,567.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Peak BTU/hr output (83.3% eff.) 324,870 291,550 208,250 149,940 141,61	Level 1 therms/hr therms therms therms therms therms/hr therms therms/hr therms therms/hr therms/hr therms/hr therms/hr therms Monthly Totals therms Monthly Totals therms therms/hr therms/hr therms therms/hr	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375 Jan 2,204.2 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 704.0 1.1 704.0 1.5 6.0 499,800.0 440,181,000 Feb 1,727.5 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2 349,860.0 388,639,125 March 1,421.7 2.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 2,309.4 3.5 291,550.0 AHU 14 Mor May 1,227.9 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 489.4 0.6 489.4 3.2 266,560.0 310,798,250 200,00 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 499.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumpti July 1,171.7 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 con Aug. 1,181.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5 291,550.0 Oct. 1,228.1 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750 Nov. 1,209.1 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 6,717.3 1.5 29,691.4 6,2 516,460.0 4,416,595,750 Total 16,567.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
(83.3% eff.) 324,870.0 291,550.0 298,250.0 149,940.0 141,610.0 141,610.0 141,610.0 141,610.0 141,610.0 141,610.0 141,610.0 141,610.0 149,940.0 258,230.0 324,870.0 Monthly Total Consumed	Level 1 Level 2 therms/hr therms therms therms/hr therms therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr Monthly Totals therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr	0.0 0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0 499,800.0 440,181,000 Feb 1,727.5 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2 March 1,421.7 2.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 0.8 2,309.4 3.5 291,550.0 A44 Mor May 1,227.9 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2 266,560.0 310,798,250 201,146.7	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumption July 1,171.7 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 ion Aug. 1,181.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5 291,550.0 Oct. 1,228.1	0.0 0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750 Nov. 1,209.1 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.5 29,691.4 6.2 516,460.0 4,416,595,750 Total 16,567.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
(83.3% eff.) 324,870.0 291,550.0 298,250.0 149,940.0 141,610.0 141,610.0 141,610.0 141,610.0 141,610.0 141,610.0 141,610.0 141,610.0 149,940.0 258,230.0 324,870.0 Monthly Total Consumed	Level 1 Level 2 therms/hr therms therms therms/hr therms therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr Monthly Totals therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr	0.0 0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0 499,800.0 440,181,000 Feb 1,727.5 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2 March 1,421.7 2.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 0.8 2,309.4 3.5 291,550.0 A44 Mor May 1,227.9 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2 266,560.0 310,798,250 201,146.7	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumption July 1,171.7 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 ion Aug. 1,181.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5 291,550.0 Oct. 1,228.1	0.0 0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750 Nov. 1,209.1 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.5 29,691.4 6.2 516,460.0 4,416,595,750 Total 16,567.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Monthly Total Consumed South State S	Level 1 Level 2 therms/hr therms therms therms/hr Level 3 Level 4 Level 4 Level 5 therms therms/hr therms/hr therms/hr Monthly Totals therms Morthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms/hr Level 2 therms therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms therms/hr the	0.0 0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0 499,800.0 440,181,000 Feb 1,727.5 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2 March 1,421.7 2.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 0.8 2,309.4 3.5 291,550.0 A44 Mor May 1,227.9 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2 266,560.0 310,798,250 201,146.7	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumption July 1,171.7 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 ion Aug. 1,181.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5 291,550.0 Oct. 1,228.1	0.0 0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750 Nov. 1,209.1 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.5 29,691.4 6.2 516,460.0 4,416,595,750 Total 16,567.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
	Level 1 Level 2 therms/hr therms therms/nr Level 3 Level 4 therms therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr Monthly Totals therms Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms/hr therms Monthly Totals therms Monthly Totals therms Monthly Peak therm/hr	0.0 0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375	0.0 0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0 449,800.0 440,181,000	0.0 0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2.612.7 4.2 March 1,421.7 2.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.7 451.3 0.7 523.8 0.8 2,309.4 3.5 291,550.0 AHU 14 Mor May 1,227.9 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2 266,560.0 310,798,250 20thly Heating Coil U June 1,146.7 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750 26nergy Consumpti July 1,171.7 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 con 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.0 0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5 291,550.0 343,017,500 Oct. 1,228.1 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750 Nov. 1,209.1 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.5 29,691.4 6.2 516,460.0 4,416,595,750 Total 16,567.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
www.ininisteemilgo.in	Level 1 Level 2 therms/hr therms therms therms/hr therms therms/hr therms Monthly Totals therms Monthly Totals therms therms/hr therms therms/hr therms therms/hr therms therms/hr therms/hr therms therms/hr therms therms/hr therms therms/hr therms therms/hr therms therms/hr therms therms/hr therm	0.0 0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375	0.0 0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 550.1 1.1 550.1 1.1 704.0 1.5 2,959.2 6.0 449,800.0 440,181,000	0.0 0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2.612.7 4.2 March 1,421.7 2.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	May 0.0 0.0 0.0 353.6 0.5 525.1 0.7 451.3 0.7 523.8 0.8 2,309.4 3.5 291,550.0 AHU 14 Mor May 1,227.9 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2 266,560.0 310,798,250 20thly Heating Coil U June 1,146.7 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750 26nergy Consumpti July 1,171.7 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2,128.7 3.1 258,230.0 316,644,125 con 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.0 0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5 291,550.0 343,017,500 Oct. 1,228.1 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 299,880.0 347,033,750 Nov. 1,209.1 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 554.7 1.0 554.7 1.0 617.2 1.1 2,876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 4,874.3 1.2 6,583.6 1.3 5,792.6 1.2 5,773.6 1.5 29,691.4 6.2 516,460.0 4,416,595,750 Total 16,567.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
	Level 1 Level 2 therms/hr therms therms therms therms/hr therms therms/hr therms/hr therms/hr therms/hr therms/hr therms/hr Monthly Totals therms Monthly Total Consumed by CGT for steam (BTU) Level 1 therms therms/hr therms Monthly Totals therms Monthly Totals therms Monthly Totals therms/hr Totals therms Monthly Totals therms Monthly Totals therms/hr Totals therms Monthly Total Consumed	0.0 0.0 678.2 1.2 757.0 1.3 681.1 1.2 675.2 1.2 685.8 1.3 3,477.3 6.2 516,460.0 517,248,375 Jan 2,204.2 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 533.2 1.1 618.5 1.2 553.4 1.1 704.0 1.5 50.1 1.1 704.0 1.5 2,959.2 6.0 499,800.0 440,181,000 Feb 1,727.5 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 435.9 0.8 572.6 0.9 506.9 0.8 506.4 0.8 590.9 0.9 2,612.7 4.2 March 1,421.7 2.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 364.5 0.6 525.2 0.8 464.8 0.7 464.4 0.7 536.0 0.8 2,354.9 3.6 299,880.0 350,291,375 April 1,207.4 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1,207.4 1.8	May 0.0 0.0 0.0 353.6 0.5 525.1 0.8 455.6 0.7 451.3 0.7 523.8 0.8 2,309.4 3.5 291,550.0 AHU 14 Mor May 1,227.9 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	June 0.0 0.0 313.6 0.5 472.6 0.7 408.7 0.6 405.1 0.6 489.4 0.8 2,089.4 3.2 266,560.0 310,798,250 201,146.7 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	July 0.0 0.0 312.7 0.5 477.4 0.7 410.6 0.6 409.0 0.6 491.2 0.7 2,097.0 3.1 258,230.0 311,928,750 Energy Consumption July 1,171.7 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Aug. 0.0 0.0 318.0 0.5 489.2 0.7 416.1 0.6 419.8 0.6 496.4 0.7 2.128.7 3.1 258,230.0 316,644,125 ion Aug. 1,181.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 323.3 0.5 492.6 0.7 417.5 0.7 423.6 0.6 494.5 0.8 2,147.7 3.3 274,890.0 319,470,375 Sep. 1,168.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1,168.2 1.7	0.0 0.0 360.4 0.6 517.2 0.8 458.0 0.7 458.9 0.7 546.8 0.8 2,306.0 3.5 291,550.0 343,017,500 Oct. 1,228.1 1.7 141,610.0	0.0 0.0 362.7 0.6 512.5 0.8 457.6 0.7 455.1 0.7 541.3 0.8 2,333.0 3.6 Nov. 1,209.1 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1,209.1 1.8	0.0 0.0 518.2 1.0 623.7 1.1 562.3 1.0 617.2 1.0 617.2 1.1 2.876.1 5.2 433,160.0 427,819,875 Dec. 1,673.3 3.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1,673.3 3.1	0.0 0.00 4.874.3 1.2 6.583.6 1.3 5.792.6 5.773.6 1.2 6,717.3 1.5 29,691.4 6.2 Total 16,567.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

Constituent Tables for Cooling Energy Consumption and Peak Values

					AHU 7 Me	onthly Cooling Coi	l Energy Consump	tion					
	Jan	Feb	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Level 1 kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Level 2 kWh	0.0	0.0	0.0	167.8	5,052.4	18,816.6	26,474.9	25,767.9	13,281.8	2,773.3	318.8	0.0	92,653.5
Kw	0.0	0.0	0.0	2.2	37.9	51.3	61.7	57.8	50.7	11.9	3.5	0.0	61.7
Level 3 kWh Kw	0.0	0.0	0.0	156.9 2.0	1,783.7 8.7	11,003.4 30.6	16,313.9 38.0	15,034.4 33.8	6,198.8 18.2	2,267.7 9.4	292.8 3.1	0.0	53,051.6 38.0
kWh	0.0	0.0	0.0	373.6	2,963.7	7,060.4	9,127.4	9,383.5	5,752.4	1,792.3	534.0	0.0	36,987.3
Level 4 Kw	0.0	0.0	0.0	4.3	7.4	15.0	17.5	17.5	11.4	5.8	4.3	0.0	17.5
kWh	0.0	0.0	0.0	110.2	3,130.4	11,814.2	16,606.9	16,303.9	8,488.7	1,723.7	205.7	0.0	58,383.7
Level 5 Kw	0.0	0.0	0.0	1.4	10.7	29.4	35.1	33.3	19.1	7.4	2.2	0.0	35.1
kWh	0.0	0.0	1.4	2,617.9	8,081.2	17,425.8	25,588.5	26,901.5	14,886.4	2,136.7	166.0	0.0	97,805.4
Level 6 Kw	0.0	0.0	1.4	18.0	30.9	49.0	66.2	68.1	43.7	14.4	4.8	0.0	68.1
Monthly Totals kWh	0.0	0.0	1.4	3,426.4	21,011.4	66,120.4	94,111.6	93,391.2	48,608.1	10,693.7	1,517.3	0.0	338,881.5
Monthly Peak kW	0.0	0.0	1.4	27.9	95.6	175.3	218.5	210.5	143.1	48.9	17.9	0.0	218.5
Monthly BTU (1.1089kW/Ton)	0.0	0.0	15,150.1	301,920.8	1,034,538.7	1,897,015.1	2,364,505.4	2,277,933.1	1,548,561.7	529,173.1	193,705.5	0.0	2,364,505.4
Monthly Energy consumed by A.C. (BTUH)	0.0	0.0	16,117.2	39,445,645.8	241,888,933.4	761,195,971.5	1 083 438 254 9	1,075,144,814.8	559,589,625.9	123,108,773.7	17,467,569.0	0.0	3,901,295,706.1
(21011)	0.0	0.0	10,11712	33,443,043.0					333,303,023.3	123,100,77317	17,407,505.0	0.0	3,301,233,700.1
	la-	Ech	March	Arell		onthly Cooling Coi			Son	Oct	Nov	Des	Tetal
LAAria	Jan	Feb	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Level 1 KWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0.0	0.0	0.0	212.5	6,936.1	26,037.3	36,682.1	35,767.1	18,534.9	3,699.3	403.8	0.0	128,273.1
Level 2 Kw	0.0	0.0	0.0	2.8	52.0	71.4	83.9	79.2	70.8	16.9	4.4	0.0	83.9
kWh	0.0	0.0	0.0	182.6	2,090.1	13,048.9	19,366.1	17,827.7	7,332.9	2,678.5	340.7	0.0	62,867.5
Level 3 Kw	0.0	0.0	0.0	2.3	10.4	36.3	45.0	40.2	21.7	11.1	3.6	0.0	45.0
kWh	0.0	0.0	0.0	163.2	4,638.2	17,507.6	24,610.3	24,162.7	12,581.0	2,553.2	304.5	0.0	86,520.7
Level 4 Kw	0.0	0.0	0.0	2.0	15.9	43.5	51.9	49.3	28.3	11.0	3.2	0.0	51.9
Level 5 kWh	0.0	0.0	0.0	135.8	3,850.1	14,487.6	20,343.5	20,000.6	10,431.4	2,120.8	253.4	0.0	71,623.2
Kw	0.0	0.0	0.0	1.7	13.2	35.9	42.8	40.7	23.5	9.1	2.7	0.0	42.8
Level 6 kWh	0.0	0.0	3.9	3,629.8	10,703.7	22,664.9	31,743.4	33,730.8	19,405.0	2,987.0	248.1	0.0	125,116.6
Level 6 Kw	0.0	0.0	2.0	24.5	38.8	60.3	79.2	82.0	53.1	19.7	6.6	0.0	82.0
Monthly Totals kWh	0.0	0.0	3.9	4,323.9	28,218.2	93,746.3	132,745.4	131,488.9	68,285.2	14,038.8	1,550.5	0.0	474,401.1
Monthly Peak kW	0.0	0.0	2.0	33.3	130.3	247.4	302.8	291.4	197.4	67.8	20.5	0.0	302.8
Monthly BTU (1.1089kW/Ton)	0.0	0.0	21,643.1	360,357.1	1,410,046.0	2,677,247.8	3,276,760.8	3,153,395.3	2,136,171.0	733,700.1	221,841.5	0.0	3,276,760.8
Monthly Energy													
consumed by A.C. (BTUH)	0.0	0.0	44,897.9	49,777,909.1	324,855,569.0	1,079,232,822.3	1,528,201,035.0	1,513,735,866.3	786,117,736.0	161,618,471.8	17,849,776.4	0.0	5,461,434,083.6
	•					onthly Cooling Coi							
LARGE	Jan	Feb	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Level 1 KWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0.0	0.0	0.0	110.0	3,615.5	13,585.6	19,139.6	18,663.7	9,675.5	1,919.2	209.0	0.0	66,918.1
Level 2 Kw	0.0	0.0	0.0	1.5	27.1	37.3	43.8	41.4	36.9	8.8	2.3	0.0	43.8
kWh	0.0	0.0	0.0	104.9	1,200.3	7,494.6	11,123.0	10,239.4	4,211.5	1,538.3	195.7	0.0	36,107.7
Level 3 Kw	0.0	0.0	0.0	1.3	6.0	20.9	25.9	23.1	12.5	6.4	2.1		25.9
kWh	0.0	0.0	0.0	154.4	4,331.9	16,291.9	22,891.4	22,464.2	11,693.1	2,388.9	200.0	0.0	
Level 4 Kw	0.0	0.0		1.0							288.0	0.0	80,503.8
Level 5 kWh	0.0	0.0	0.0	1.9	14.8	40.5	48.5	46.0	26.4	10.2	3.1		80,503.8 48.5
Kw		0.0	0.0	91.1	2,562.2	9,649.7	13,560.3	46.0 13,306.9	6,925.8	10.2 1,412.7	3.1 170.0	0.0 0.0 0.0	48.5 47,678.7
kWh	0.0	0.0	0.0	91.1 1.1	2,562.2 8.8	9,649.7 24.0	13,560.3 28.7	46.0 13,306.9 27.2	6,925.8 15.6	10.2 1,412.7 6.0	3.1 170.0 1.8	0.0 0.0 0.0 0.0	48.5 47,678.7 28.7
	0.0	0.0 0.0 0.0	0.0 0.0 1.2	91.1 1.1 1,152.6	2,562.2 8.8 3,412.3	9,649.7 24.0 7,223.1	13,560.3 28.7 10,123.1	46.0 13,306.9 27.2 10,751.1	6,925.8 15.6 6,182.3	10.2 1,412.7 6.0 947.0	3.1 170.0 1.8 78.6	0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3
Level 6 Kw	0.0	0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6	91.1 1.1 1,152.6 7.8	2,562.2 8.8 3,412.3 12.4	9,649.7 24.0 7,223.1 19.3	13,560.3 28.7 10,123.1 25.3	46.0 13,306.9 27.2 10,751.1 26.2	6,925.8 15.6 6,182.3 17.0	10.2 1,412.7 6.0 947.0 6.3	3.1 170.0 1.8 78.6 2.1	0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2
Monthly Totals kWh	0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2	91.1 1.1 1,152.6 7.8 1,613.0	2,562.2 8.8 3,412.3 12.4 15,122.2	9,649.7 24.0 7,223.1 19.3 54,244.9	13,560.3 28.7 10,123.1 25.3 76,837.4	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3	6,925.8 15.6 6,182.3 17.0 38,688.2	10.2 1,412.7 6.0 947.0 6.3 8,206.1	3.1 170.0 1.8 78.6 2.1 941.3	0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6
Monthly Totals kWh Monthly Peak kW	0.0	0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6	91.1 1.1 1,152.6 7.8	2,562.2 8.8 3,412.3 12.4	9,649.7 24.0 7,223.1 19.3	13,560.3 28.7 10,123.1 25.3	46.0 13,306.9 27.2 10,751.1 26.2	6,925.8 15.6 6,182.3 17.0	10.2 1,412.7 6.0 947.0 6.3	3.1 170.0 1.8 78.6 2.1	0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2
Monthly Totals kWh	0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2	91.1 1.1 1,152.6 7.8 1,613.0	2,562.2 8.8 3,412.3 12.4 15,122.2	9,649.7 24.0 7,223.1 19.3 54,244.9	13,560.3 28.7 10,123.1 25.3 76,837.4	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3	6,925.8 15.6 6,182.3 17.0 38,688.2	10.2 1,412.7 6.0 947.0 6.3 8,206.1	3.1 170.0 1.8 78.6 2.1 941.3	0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6
Monthly Totals kWh Monthly Peak kW Monthly BTU (1.1089kW/Ton) Monthly Energy	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6	91.1 1.1 1,152.6 7.8 1,613.0 13.6	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7	3.1 170.0 1.8 78.6 2.1 941.3 11.4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2
Monthly Totals kWh Monthly Peak kW Monthly BTU (1.1089kW/Ton)	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6	91.1 1.1 1,152.6 7.8 1,613.0 13.6	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7	3.1 170.0 1.8 78.6 2.1 941.3 11.4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2
Monthly Totals kWh Monthly Peak kW Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C.	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6	91.1 1.1 1,152.6 7.8 1,613.0 13.6	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7	3.1 170.0 1.8 78.6 2.1 941.3 11.4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2
Monthly Totals kWh Monthly Peak kW Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C.	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6	91.1 1.1 1,152.6 7.8 1,613.0 13.6	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1	9,649,7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7	3.1 170.0 1.8 78.6 2.1 941.3 11.4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2
Monthly Totals kWh Monthly Peak kW Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH)	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 6,492.9	91.1 1.1 1,152.6 7.8 1,613.0 13.6 147,172.9	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 AHU 10 M	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 624,481,995.8 tonthly Cooling Co June 0.0	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3 884,572,981.1	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10,836,500.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2 1,863,468.3 3,120,741,850.8
Monthly Totals kWh Monthly Peak kW Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH)	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 6,492.9 13,814.7	91.1 1.1 1,152.6 7.8 1,613.0 13.6 147,172.9 18,569,293.3 April 0.0	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 AHU 10 M May 0.0	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 624,481,995.8 tonthly Cooling Co June 0.0 0.0	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3 884,572,981.1 il Energy Consump July 0.0 0.0	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0 otton Aug. 0.0	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6 Sep. 0.0	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10,836,500.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2 1,863,468.3 3,120,741,850.8
Monthly Totals kWh Monthly BTU (1.1089kW/Ton) Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 kWh Kw	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 6,492.9 13,814.7	91.1 1.1 1,152.6 7.8 1,613.0 13.6 147,172.9 18,569,293.3 April 0.0 0.0	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 AHU 10 M May 0.0 0.0 3,448.8	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 1,536,658.0 624,481,995.8 tonthly Cooling Co June 0.0 0.0 12,827.3	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3 884,572,981.1 ii Energy Consump July 0.0 0.0 18,038.9	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0 etion Aug. 0.0 17,555.3	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6 Sep. 0.0 9,050.0	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10,836,500.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2 1,863,468.3 3,120,741,850.8 Total 0.0 0.0 63,147.9
Monthly Totals kWh Monthly Peak kW Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 kWh kwh Level 2 kWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 6,492.9 13,814.7	91.1 1.1 1,152.6 7.8 1,613.0 13.6 147,172.9 18,569,293.3 April 0.0 0.0 115.4 1.5	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 AHU 10 M May 0.0 0.0 3,448.8 25,9	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 624,481,995.8 conthly Cooling Co June 0.0 0.0 12,827.3 34.9	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3 884,572,981.1 Il Energy Consump July 0.0 0.0 18,038.9 42.1	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0 btion Aug. 0.0 0.0 17,555.3 39.5	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6 Sep. 0.0 0.0 9,050.0 34.6	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1 Oct. 0.0 0.0 1,892.9 8.1	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10,836,500.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2 1,863,468.3 3,120,741,850.8 Total 0.0 0.0 63,147.9 42.1
Monthly Totals kWh Monthly Peak kW Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 kWh kw Level 2 kWh kw Level 3 kWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Feb 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 6,492.9 13,814.7 March 0.0 0.0 0.0	91.1 1.1 1,152.6 7.8 1,613.0 13.6 147,172.9 18,569,293.3 April 0.0 0.0 115.4 1.5	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 AHU 10 M May 0.0 0.0 3,448.8 25.9 1,794.8	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 624,481,995.8 conthly Cooling Co June 0.0 0.0 12,827.3 34.9 11,206.1	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3 884,572,981.1 ii Energy Consump July 0.0 0.0 18,038.9 42.1 16,631.3	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0 bition Aug. 0.0 17,555.3 39.5	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6 Sep. 0.0 9,050.0 34.6 6,296.9	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1 Oct. 0.0 0.0 1,892.9 8.1 2,300.1	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10,836,500.8 Nov. 0.0 0.0 219.3 2.4 292.6	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2 1,863,468.3 3,120,741,850.8 Total 0.0 0.0 63,147.9 42.1 53,988.6
Monthly Totals kWh Monthly Peak kW Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 kWh Kw Level 2 kWh Level 3 kWh Kw	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 6,492.9 13,814.7	91.1 1.1 1,152.6 7.8 1,613.0 13.6 147,172.9 18,569,293.3 April 0.0 0.0 0.0 115.4 1.5	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 AHU 10 M May 0.0 0.0 3,448.8 25.9 1,794.8 8.9	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 624,481,995.8 60nthly Cooling Co June 0.0 0.0 12,827.3 34.9 11,206.1 31.2	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3 884,572,981.1 ii Energy Consumpuly 0.0 0.0 18,038.9 42.1 16,631.3 38.7	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0 2tion Aug. 0.0 0.0 17,555.3 39.5 15,310.0 34.5	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6 Sep. 0.0 0.0 9,050.0 34.6 6,296.9 18.6	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1 0.0 0.0 1,892.9 8.1 2,300.1 9.6	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10,836,500.8 Nov. 0.0 0.0 219.3 2.4 292.6 3.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2 1,863,468.3 3,120,741,850.8 Total 0.0 0.0 63,147.9 42.1 53,988.6 38.7
Monthly BTU (1.1089kW/Ton) Monthly Peak kW Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 kWh KW Level 2 kWh Kw Level 3 kWh Kw Level 4 kWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 1.2 0.6 1.3,814.7	91.1 1.1 1,152.6 7.8 1,613.0 13.6 147,172.9 18,569,293.3 April 0.0 0.0 115.4 1.5 156.8 2.0	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 AHU 10 M May 0.0 0.0 3,448.8 25,9 1,794.8 8.9 3,688.6	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 624,481,995.8 conthly Cooling Co June 0.0 0.0 12,827.3 34.9 11,206.1 31.2 13,836.9	13,560.3 28.7 10,123.1 25.3 76,837.4 177.2 1,863,468.3 884,572,981.1 il Energy Consump July 0.0 0.0 18,038.9 42.1 16,631.3 38.7 19,408.5	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0 stion Aug. 0.0 0.0 17,555.3 39.5 15,310.0 34.5 19,106.1	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6 Sep. 0.0 0.0 9,050.0 34.6 6,296.9 18.6 9,980.8	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1 Oct. 0.0 0.0 1,892.9 8.1 2,300.1 9.6 2,032.8	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10,836,500.8 Nov. 0.0 0.0 219.3 2.4 292.6 3.1 243.6	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2 1,863,468.3 3,120,741,850.8 Total 0.0 0.0 63,147.9 42.1 53,988.6 38.7 68,427.9
Monthly Totals kWh Monthly Peak kW Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 kWh Kw Level 2 kWh Kw Level 3 kWh Level 4 kWh Level 4 kWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 6,492.9 13,814.7 March 0.0 0.0 0.0 0.0 0.0	91.1 1.1 1,152.6 7.8 1,613.0 13.6 147,172.9 18,569,293.3 April 0.0 0.0 115.4 1.5 156.8 2.0 130.6	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 AHU 10 M May 0.0 0.0 3,448.8 25.9 1,794.8 8.9 3,688.6 12.6	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 624,481,995.8 conthly Cooling Co June 0.0 0.0 12,827.3 34.9 11,206.1 31.2 13,386.9 34.2	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3 884,572,981.1 ii Energy Consump July 0.0 0.0 18,038.9 42.1 16,631.3 38.7 19,408.5 40.7	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0 stion Aug. 0.0 0.0 17,555.3 39.5 15,310.0 34.5 19,106.1 38.8	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6 Sep. 0.0 0.0 9,050.0 34.6 6,296.9 18.6 9,980.8 22.4	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1 Oct. 0.0 0.0 1,892.9 8.1 2,300.1 9.6 2,032.8 8.7	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10.836,500.8 Nov. 0.0 0.0 0.0 219.3 2.4 292.6 3.1 243.6 2.6	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2 1,863,468.3 3,120,741,850.8 Total 0.0 0.3 63,147.9 42.1 53,988.6 38.7 68,427.9 40.7
Monthly Totals kWh Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 kWh kw Level 2 kWh Level 3 kWh Level 4 kWh Kw Level 4 kWh Kw Level 4 kWh Kw Level 5 kWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 1.2 0.6 1.3,814.7	91.1 1.1 1,152.6 7.8 1,613.0 13.6 147,172.9 18,569,293.3 April 0.0 0.0 115.4 1.5 156.8 2.0 130.6 1.6	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 AHU 10 M May 0.0 0.0 3,448.8 25.9 1,794.8 8.9 3,688.6 12.6 3,605.7	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 624,481,995.8 conthly Cooling Co June 0.0 0.0 12,827.3 34.9 11,206.1 33.49 34.2 13,836.9 34.2	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3 884,572,981.1 il Energy Consumpuly 0.0 0.0 18,038.9 42.1 16,631.3 38.7 19,408.5 40.7 19,129.8	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0 stion Aug. 0.0 0.0 17,555.3 39.5 15,310.0 34.5 19,106.1 38.8 18,781.2	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6 Sep. 0.0 0.0 9,050.0 34.6 6,296.9 18.6 9,980.8 22.4	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1 0.0 0.0 1,892.9 8.1 2,300.1 9.6 2,032.8 8.7 1,985.2	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10,836,500.8 Nov. 0.0 0.0 219.3 2.4 292.6 3.1 243.6 2.6 2.6 2.6 2.6 2.6 2.6	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2 1,863,468.3 3,120,741,850.8 Total 0.0 0.0 63,147.9 42.1 53,988.6 38.7 68,427.9 40.7 67,253.2
Monthly BTU (1.1089kW/Ton) Monthly Peak kW Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 1.2 0.6 1.2 0.6 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	91.1 1.1 1,152.6 7.8 1,613.0 13.6 147,172.9 18,569,293.3 April 0.0 0.0 115.4 1.5 156.8 2.0 130.6 1.6	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 May 0.0 0.0 3,448.8 8.9 3,688.6 12.6 3,605.7 12.4	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 624,481,995.8 tonthly Cooling Co June 0.0 0.0 12,827.3 34.9 11,206.1 31.2 13,836.9 34.2 13,609.0 33.8	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3 884,572,981.1 il Energy Consump July 0.0 0.0 18,038.9 42.1 16,631.3 38.7 19,408.5 40.7	46.0 13.306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0 bition Aug. 0.0 17,555.3 39.5 15,310.0 34.5 19,106.1 38.8 18,781.2 38.3	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6 Sep. 0.0 9,050.0 34.6 6,296.9 18.6 9,980.8 22.4 9,778.6 22.0	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1 Oct. 0.0 0.0 1,892.9 8.1 2,300.1 9.6 2,032.8 8.7 1,985.2 8.5	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10,836,500.8 Nov. 0.0 0.0 219.3 2.4 292.6 3.1 243.6 2.6 236.8 2.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2 1,863,468.3 3,120,741,850.8 Total 0.0 0.0 63,147.9 42.1 53,986.3 38.7 68,427.9 40.4
Monthly Totals kWh Monthly Peak kW	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 1.2 0.6 6,492.9 13,814.7 March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	91.1 1.1 1,152.6 7.8 1,613.0 13.6 147,172.9 18,569,293.3 April 0.0 0.0 0.0 115.4 1.5 126.8 2.0 130.6 126.9 1.6 2,201.7	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 AHU 10 M May 0.0 0.0 3,448.8 25.9 1,794.8 8.9 3,688.6 12.6 3,605.7 12.4 6,528.4	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 624,481,995.8 60nthly Cooling Co June 0.0 0.0 12,827.3 34.9 11,206.1 31.2 13,836.9 34.2 13,609.0 33.8	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3 884,572,981.1 ii Energy Consumpuly 0.0 0.0 18,038.9 42.1 16,631.3 38.7 19,408.5 40.7 19,129.8 40.4	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0 stion Aug. 0.0 0.0 17,555.3 39.5 15,310.0 34.5 19,106.1 38.8 18,781.2	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6 Sep. 0.0 0.0 9,050.0 34.6 6,296.9 18.6 9,980.8 22.4 9,778.6 22.0 11,823.7	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1 Oct. 0.0 0.0 1,892.9 8.1 2,300.1 9.6 2,032.8 8.7 1,985.2 8.5 1,807.0	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10,836,500.8 Nov. 0.0 0.0 219.3 2.4 292.6 3.1 243.6 2.6 236.8 2.5 150.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 177.2 1,863,468.3 3,120,741,850.8 Total 0.0 0.0 0.0 0.1 42.1 53,988.6 8,427.9 40.7 40.7 67,253.2 40.4 76,240.1
Monthly BTU (1.1089kW/Ton) Monthly Peak kW Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 kWh KW Level 2 kWh Kw Level 3 kWh Level 4 kWh Kw Level 5 kWh Level 5 kWh Level 6 kWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 1.2 0.6 1.3,814.7	91.1 1.1 1.152.6 7.8 1.613.0 13.6 147,172.9 18,569,293.3 April 0.0 0.0 115.4 1.5 156.8 2.0 130.6 1.6 126.9 1.6 2,201.7 14.9	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 AHU 10 M May 0.0 0.0 3,448.8 25.9 1,794.8 3,668.6 12.6 3,605.7 12.4 6,528.4 23.8	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 624,481,995.8 6000000000000000000000000000000000000	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3 884,572,981.1 il Energy Consump July 0.0 0.0 18,038.9 42.1 16,631.3 8.7 19,108.5 40.7 19,129.8 40.4 19,354.2 48.4	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0 ttion Aug. 0.0 0.0 17,555.3 39.5 15,310.0 34.5 19,106.1 38.8 18,781.2 38.3 20,556.5 50.1	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6 Sep. 0.0 0.0 9,050.0 34.6 6,296.9 18.6 9,980.8 22.4 9,778.6 22.0 11,823.7 32.5	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1 Oct. 0.0 0.0 1,892.9 8.1 2,300.1 9.6 2,032.8 8.7 1,995.2 8.5 1,807.0 12.0	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10,836,500.8 Nov. 0.0 0.0 219.3 2.4 292.6 3.1 243.6 2.5 2.5 150.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 177.2 1,863,468.3 3,120,741,850.8 Total 0.0 0.0 63,147.9 42.1 53,988.6 38.7 68,427.9 40.7 67,253.2 40,4 76,240.1 50.1
Monthly Totals kWh Monthly Peak kW Monthly BTU (3.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 kWh Level 2 kWh Kw Level 3 kWh Level 4 kWh Kw Level 5 kWh Level 5 kWh Kw Level 6 kWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 1.2 0.6 6,492.9 13,814.7 March 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	91.1 1.1 1,152.6 7.8 1,613.0 13.6 147,172.9 18,569,293.3 April 0.0 0.0 0.0 115.4 1.5 126.8 2.0 130.6 126.9 1.6 2,201.7	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 AHU 10 M May 0.0 0.0 3,448.8 25.9 1,794.8 8.9 3,688.6 12.6 3,605.7 12.4 6,528.4	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 624,481,995.8 60nthly Cooling Co June 0.0 0.0 12,827.3 34.9 11,206.1 31.2 13,836.9 34.2 13,609.0 33.8	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3 884,572,981.1 ii Energy Consumpuly 0.0 0.0 18,038.9 42.1 16,631.3 38.7 19,408.5 40.7 19,129.8 40.4	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0 0.0 0.0 17,555.3 39.5 15,310.0 34.5 19,106.1 38.8 18,781.2 38.3 20,556.5	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6 Sep. 0.0 0.0 9,050.0 34.6 6,296.9 18.6 9,980.8 22.4 9,778.6 22.0 11,823.7	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1 Oct. 0.0 0.0 1,892.9 8.1 2,300.1 9.6 2,032.8 8.7 1,985.2 8.5 1,807.0	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10,836,500.8 Nov. 0.0 0.0 219.3 2.4 292.6 3.1 243.6 2.6 236.8 2.5 150.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 177.2 1,863,468.3 3,120,741,850.8 Total 0.0 0.0 0.0 0.1 42.1 53,988.6 8,427.9 40.7 40.7 67,253.2 40.4 76,240.1
Monthly Totals kWh Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 kWh Kw Level 2 kWh Kw Level 4 kWh Kw Level 5 kWh Level 5 kWh Level 6 kWh Kw Monthly Totals kWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 1.2 0.6 1.2 0.6 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	91.1 1.1 1.152.6 7.8 1,613.0 13.6 147,172.9 18,569,293.3 April 0.0 0.0 115.4 1.5 156.8 2.0 130.6 1.6 126.9 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 May 0.0 0.0 3,448.8 8.9 1,794.8 8.9 3,688.6 12.6 3,605.7 12.4 6,528.4 19,066.3	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 1,536,658.0 624,481,995.8 conthly Cooling Co June 0.0 0.0 12,827.3 31.2 13,009.0 33.8 13,816.2 36.9 65,295.5	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3 884,572,981.1 il Energy Consump July 0.0 0.0 18,038.9 42.1 16,631.3 38.7 19,408.5 40.7 19,129.8 40.4 19,354.2 48.4 92,562.7	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0 stion Aug. 0.0 0.0 17,555.3 39.5 15,310.0 34.5 19,106.1 38.8 18,781.2 38.3 20,556.5 50.1 91,309.1	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6 Sep. 0.0 0.0 9,050.0 34.6 6,296.9 18.6 9,980.8 22.4 9,778.6 22.0 11,823.7 32.5 46,930.0	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1 Oct. 0.0 0.0 1,892.9 8.1 2,300.1 9.6 2,032.8 8.7 1,985.2 8.5 1,807.0 12.0 10,018.0	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10,836,500.8 Nov. 0.0 0.0 219.3 2.4 292.6 3.1 243.6 2.6 2.6 2.6 2.6 2.6 2.6 2.7 150.1 4.0 1,144.4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 177.2 1,863,468.3 3,120,741,850.8 Total 0.0.0 63,147.9 42.1 53,986.6 38.7 68,427.9 40.7 67,253.2 40.4 76,240.1 329,057.7
Monthly BTU (1.1089kW/Ton) Monthly Peak kW Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 kW/h R/w Level 2 kW/h R/w Level 3 kW/h R/w Level 4 kW/h R/w Level 5 kW/h R/w Monthly Feak kW/h Monthly Peak kW	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.2 0.6 1.2 0.6 1.2 0.6 1.2 0.6 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	91.1 1.1 1.152.6 7.8 1,613.0 13.6 147,172.9 18,569,293.3 April 0.0 0.0 115.4 1.5 156.8 2.0 130.6 1.6 126.9 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	2,562.2 8.8 3,412.3 12.4 15,122.2 69.1 747,768.1 174,090,866.4 May 0.0 0.0 3,448.8 8.9 1,794.8 8.9 3,688.6 12.6 3,605.7 12.4 6,528.4 19,066.3	9,649.7 24.0 7,223.1 19.3 54,244.9 142.0 1,536,658.0 1,536,658.0 624,481,995.8 conthly Cooling Co June 0.0 0.0 12,827.3 31.2 13,009.0 33.8 13,816.2 36.9 65,295.5	13,560.3 28.7 10,123.1 25.3 76,837.4 172.2 1,863,468.3 884,572,981.1 il Energy Consump July 0.0 0.0 18,038.9 42.1 16,631.3 38.7 19,408.5 40.7 19,129.8 40.4 19,354.2 48.4 92,562.7	46.0 13,306.9 27.2 10,751.1 26.2 75,425.3 163.9 1,773,649.6 868,316,503.0 stion Aug. 0.0 0.0 17,555.3 39.5 15,310.0 34.5 19,106.1 38.8 18,781.2 38.3 20,556.5 50.1 91,309.1	6,925.8 15.6 6,182.3 17.0 38,688.2 108.4 1,173,054.4 445,389,047.6 Sep. 0.0 0.0 9,050.0 34.6 6,296.9 18.6 9,980.8 22.4 9,778.6 22.0 11,823.7 32.5 46,930.0	10.2 1,412.7 6.0 947.0 6.3 8,206.1 37.7 407,971.9 94,470,848.1 Oct. 0.0 0.0 1,892.9 8.1 2,300.1 9.6 2,032.8 8.7 1,985.2 8.5 1,807.0 12.0 10,018.0	3.1 170.0 1.8 78.6 2.1 941.3 11.4 123,365.5 10,836,500.8 Nov. 0.0 0.0 219.3 2.4 292.6 3.1 243.6 2.6 2.6 2.6 2.6 2.6 2.6 2.7 150.1 4.0 1,144.4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.5 47,678.7 28.7 39,871.3 26.2 271,079.6 172.2 1,863,468.3 3,120,741,850.8 Total 0.0 0.0 63,147.9 42.1 53,986. 38.7 68,427.9 40.7 67,253.2 40,4 76,240.1 329,057.7

					AUII 11 N	lanthly Capling Co	il Energy Consump	tion					
	Jan	Feb	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Level 1 Kw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
, , kWh	0.0	0.0	0.0	148.8	4,453.2	16,563.5	23,296.7	22,673.8	11,689.7	2,445.0	282.7	0.0	81,553.4
Level 2 Kw	0.0	0.0	0.0	2.0	33.4	45.1	54.4	50.9	44.7	10.5	3.1	0.0	54.4
Level 3 kWh	0.0	0.0	0.0	190.1	2,175.2	13,582.9	20,158.8	18,557.2	7,632.0	2,787.7	354.6	0.0	65,438.5
Kw	0.0	0.0	0.0	2.4	10.8	37.8	46.9	41.8	22.6	11.6	3.8	0.0	46.9
Level 4 kWh	0.0	0.0	0.0	234.8	6,660.1	25,117.2	35,305.6	34,662.7	18,048.7	3,668.3	438.0	0.0	124,135.4
KW	0.0	0.0	0.0	2.9	22.8	62.4	74.6	70.7	40.6	15.8	4.6	0.0	74.6
Level 5 kWh	0.0	0.0	0.0	166.6	4,727.2	17,839.4	25,075.7	24,617.8	12,817.0	2,603.4	310.8	0.0	88,157.9
KW	0.0	0.0	0.0	2.1	16.2	44.4	52.9	50.2	28.9	11.2	3.3	0.0	52.9
Level 6 kWh	0.0	0.0	3.1	2,963.1	8,786.7	18,594.5	26,053.9	27,671.4	15,913.3	2,432.6	202.0	0.0	102,620.6
KW	0.0	0.0	1.7	20.0	32.0	49.6	65.1	67.4	43.8	16.1	5.4	0.0	67.4
Monthly Totals kWh	0.0	0.0	3.1	3,703.4	26,802.4	91,697.5	129,890.7	128,182.9	66,100.7	13,937.0	1,588.1	0.0	461,905.8
Monthly Peak kW	0.0	0.0	1.7	29.4	115.2	239.3	293.9	281.0	180.6	65.2	20.2	0.0	293.9
Monthly BTU													
(1.1089kW/Ton)	0.0	0.0	18,396.6	318,153.1	1,246,640.8	2,589,593.3	3,180,449.1	3,040,851.3	1,954,369.2	705,564.1	218,595.0	0.0	3,180,449.1
Monthly Energy							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,					, , , , , , , , , , , , , , , , , , , ,
consumed by A.C.													
(BTUH)	0.0	0.0	35,688.0	42,634,544.9	308,556,495.5	1,055,646,481.2	1,495,336,954.6	1,475,676,298.0	760,969,179.7	160,446,522.6	18,282,637.8	0.0	5,317,584,802.3
(,,.				-,,,	,,		,,		1-777
					AHU 12 N	Ionthly Cooling Co	il Energy Consump	otion					
	Jan	Feb	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Level 1 kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Level 2 kWh	0.0	0.0	0.0	96.1	2,655.4	9,103.7	12,508.4	12,530.8	6,707.9	1,464.7	185.6	0.0	45,252.6
Kw	0.0	0.0	0.0	1.3	17.4	23.6	28.1	26.7	24.1	6.1	2.0	0.0	28.1
Level 3 kWh	0.0	0.0	0.0	114.7	1,307.1	8,093.2	12,008.8	11,056.2	4,552.6	1,664.7	214.0	0.0	39,011.3
Kw	0.0	0.0	0.0	1.4	6.4	22.5	28.0	24.9	13.4	6.9	2.3	0.0	28.0
Level 4 kWh	0.0	0.0	0.0	89.7	2,526.6	9,471.9	13,284.6	13,075.0	6,828.9	1,392.9	167.4	0.0	46,837.0
KW	0.0	0.0	0.0	1.1	8.6 2,577.5	23.4 9,554.6	27.9 13,309.3	26.6 13,132.9	15.4 6,800.5	6.0 1,431.3	1.8 187.5	0.0	27.9 47,094.1
Level 5 KWh	0.0	0.0	0.0	1.3	8.7	9,554.6	13,309.3	26.9	15.7	1,431.3	2.0	0.0	47,094.1
kWh	0.0	0.0	1.4	1,347.6	3,991.8	8,484.9	11,864.4	12,602.7	7,254.2	1,097.2	91.1	0.0	46,735.3
Level 6 Kw	0.0	0.0	0.7	9.2	14.5	22.6	29.7	30.7	19.9	7.4	2.4	0.0	30.7
Monthly Totals kWh	0.0	0.0	1.4	1,748.6	13,058.4	44,708.3	62,975.5	62,397.6	32,144.1	7,050.8	845.6	0.0	224,930.3
Monthly Peak kW	0.0	0.0	0.7	14.3	55.6	115.5	142.2	135.8	88.5	32.3	10.5	0.0	142.2
,													
Monthly BTU													
(1.1089kW/Ton)	0.0	0.0	7,575.1	154,748.0	601,677.3	1,249,887.3	1,538,822.3	1,469,564.5	957,705.8	349,535.6	113,626.1	0.0	1,538,822.3
Monthly Energy												*	
consumed by A.C.			1001120000000000	acceptation of the con-	300000000000000000000000000000000000000	NO. 220 750 000 000 000 000 000		40 AGA AGA AGA 1800 S.		***************************************		200000000	
(BTUH)	0.0	0.0	16,117.2	20,130,357.3	150,331,841.2	514,694,071.0	724,991,030.0	718,338,088.5	370,051,594.2	81,170,721.2	9,734,776.5	0.0	2,589,458,597.1
							il Energy Consump					_	
IAM/6	Jan	Feb	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Level 1 kWh	0.0	0.0	0.0	0.0	May 0.0	June 0.0	July 0.0	Aug. 0.0	0.0	0.0	0.0	0.0	0.0
Level 1 Kw	0.0	0.0	0.0	0.0	0.0 0.0	June 0.0 0.0	July 0.0 0.0	0.0 0.0	0.0	0.0	0.0	0.0	0.0
Level 2 kWh	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 86.9	0.0 0.0 2,594.6	June 0.0 0.0 9,648.3	July 0.0 0.0 13,569.5	0.0 0.0 0.0 13,205.1	0.0 0.0 6,806.6	0.0 0.0 1,424.8	0.0 0.0 165.1	0.0 0.0 0.0	0.0 0.0 47,500.9
Level 2 KWh Kw	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2	0.0 0.0 2,594.6 19.5	0.0 0.0 0.0 9,648.3 26.3	July 0.0 0.0 13,569.5 31.7	0.0 0.0 0.0 13,205.1 29.7	0.0 0.0 6,806.6 26.0	0.0 0.0 1,424.8 6.1	0.0 0.0 165.1 1.8	0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7
Level 2 kWh	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 86.9	0.0 0.0 2,594.6	June 0.0 0.0 9,648.3	July 0.0 0.0 13,569.5	0.0 0.0 0.0 13,205.1	0.0 0.0 6,806.6	0.0 0.0 1,424.8	0.0 0.0 165.1	0.0 0.0 0.0	0.0 0.0 47,500.9
Level 2	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9	0.0 0.0 2,594.6 19.5 1,200.3	June 0.0 0.0 9,648.3 26.3 7,494.6	0.0 0.0 13,569.5 31.7 11,123.0	Aug. 0.0 0.0 13,205.1 29.7 10,239.4	0.0 0.0 6,806.6 26.0 4,211.5	0.0 0.0 1,424.8 6.1 1,538.3	0.0 0.0 165.1 1.8 195.7	0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7
Level 2 KWh Kw Level 3 KWh Kw	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9	May 0.0 0.0 2,594.6 19.5 1,200.3 6.0	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1	0.0 0.0 6,806.6 26.0 4,211.5 12.5	0.0 0.0 1,424.8 6.1 1,538.3 6.4	0.0 0.0 165.1 1.8 195.7 2.1	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5	May 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7	0.0 0.0 165.1 1.8 195.7 2.1 155.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9
Level 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1	May 0.0 0.0 1.594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,4421.5 8.3	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9
Level 2 KWh Level 3 KWh Kw Level 4 KWh Kw Level 5 KWh Kw Level 6 KWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9	May 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0	Aug. 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6
Level 3 KWh Level 3 KWh Level 4 KWh Level 5 KWh Level 6 KWh Level 6 KWh Kw	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7	May 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9
Level 1 Kw	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3	May 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5
Level 3 KWh Level 3 KWh Level 4 KWh Level 5 KWh Level 6 KWh Level 6 KWh Kw	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7	May 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9
Level 1 Kw Level 2 KWh Level 3 KWh Level 4 KWh Level 5 KWh Level 5 KWh Level 6 KWh Monthly Totals kWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3	May 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5
Level 1 Kw	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3	May 0.0 0.0 2,594.6 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7	July 0.0 0.0 0.0 13,569.5 131.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,283.3 150.7	0.0 0.0 6.806.6 26.0 4.211.5 12.5 6,340.7 14.3 10,839.3 29.8 40,771.5 108.3	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 111.0 12,463.3 43.8	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5
Level 1 KW Level 2 KWh Kw Level 3 KWh Level 4 KWh Level 5 KW Level 6 KWh Monthly Totals kWh Monthly BTU (1.1085kW/Ton)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3	May 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5
Level 1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3	May 0.0 0.0 2,594.6 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7	July 0.0 0.0 0.0 13,569.5 131.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,283.3 150.7	0.0 0.0 6.806.6 26.0 4.211.5 12.5 6,340.7 14.3 10,839.3 29.8 40,771.5 108.3	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 111.0 12,463.3 43.8	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5
Level 1 KW Level 2 KWh Kw Level 3 KWh Level 4 KWh Level 5 KW Level 6 KWh Monthly Totals kWh Monthly BTU (1.1085kW/Ton)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3	May 0.0 0.0 2,594.6 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7	July 0.0 0.0 0.0 13,569.5 131.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,283.3 150.7	0.0 0.0 6.806.6 26.0 4.211.5 12.5 6,340.7 14.3 10,839.3 29.8 40,771.5 108.3	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 111.0 12,463.3 43.8	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5
Level 1 Kw KWh Kw Level 3 KWh Kw KWh Kw Level 4 Kw Kw Level 6 Kw Kw Monthly Totals kWh Monthly Peak kW Monthly Peak kW Monthly Engry consumed by A.C.	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3	May 0.0 0.0 2,594.6 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 10,839.3 29.8 40,771.5 108.3	0.0 0.0 1.424.8 6.1 1.538.3 6.4 1.293.7 5.5 1.335.1 1.662.6 11.0 12,463.3 43.8	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5 150.9
Level 1 Kw KWh Kw Level 3 KWh Kw KWh Kw Level 4 Kw Kw Level 6 Kw Kw Monthly Totals kWh Monthly Peak kW Monthly Peak kW Monthly Engry consumed by A.C.	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3	May 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6	June 0.0 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9	Aug. 0.0 0.0 13,205.1 12,29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 10,839.3 29.8 40,771.5 108.3	0.0 0.0 1.424.8 6.1 1.538.3 6.4 1.293.7 5.5 1.335.1 1.662.6 11.0 12,463.3 43.8	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5 150.9
Level 1 KW Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 5 KWh Kw Level 6 KWh Monthly Totals kWh Monthly Peak kW Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3 198,034.1	May 0.0 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6	June 0.0 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 1,630,805.3	0.0 0.0 6.806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8 40,771.5 108.3 1,171,972.2	0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0 12,463.3 43.8 473,983.2	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.3 150.9
Level 1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3 198,034.1 April 402.7	May 0.0 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 167,458,647.0 AHU 14 M May 4,255.9	June 0.0 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 549,837,581.0 lonthly Cooling Co June 25,190.8	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 736,393,934.6	Aug. 0.0 0.0 13,205.1 12,29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 1,630,805.3 774,606,616.1 Aug. 34,525.3	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8 40,771.5 108.3	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0 12,463.3 43.8 473,983.2 Oct. 5,320.4	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5 150.9 1,632,969.6 2,891,531,381.5
Level 1 KW Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 6 KWh Monthly Totals kWh Monthly Totals kWh Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 KWh KW	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3 198,034.1 27,448,708.0	May 0.0 0.0 1.594.6 1.200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 AHU 14 N May 4,256.9 19.8	June 0.0 0.0 9,648.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 549,837,581.0 tonthly Cooling Co June 25,190.8 69,9	July 0.0 0.0 13,569.5 11,123.0 25.9 12,416.3 26.3 12,813.0 17,739.0 44.3 63,966.0 150.9 1,632,969.6 736,393,934.6 iii Energy Consump July 37,365.2 88.7	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 17,4606,616.1 2tion Aug. 34,525.3 77.9	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 10,839.3 29.8 40,771.5 108.3 1,171,972.2 469,372,562.0	0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0 12,463.3 43.8 473,983.2 0ct. 5,320.4 2,1.4	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5 150.9 1,632,969.6 2,891,531,381.5
Level 2 KWh Level 3 KWh Level 4 KWh Kw Level 5 KWh Level 6 KWh Monthly Totals kWh Monthly Forery Consumed by A.C. (BTUH) Level 1 KWh Kw Level 1 KWh Monthly BTU Level 2 KWh Level 2 KWh Level 2 KWh Level 2 KWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 18.3 18.3 198,034.1 27,448,708.0	May 0.0 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 167,458,647.0 May 4,256.9 19.8 0.0	June 0.0 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 549,837,581.0 June 25,190.8 69.9 0.0	July 0.0 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 1,632,969.6 18 Energy Consump July 37,365.2 88.7 0.0	Aug. 0.0 0.0 13,205.1 12,123.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 1,630,805.3 774,606,616.1 stion Aug. 34,525.3 77.9 0.0	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8 40,771.5 108.3 1,171,972.2 469,372,562.0 Sep. 14,450.0 41.4 0.0	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0 12,463.3 43.8 473,983.2 143,480,888.7	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5 150.9 1,632,969.6 2,891,531,381.5
Level 1 Kw KWh Kw Level 2 KWh Kw Kwh Kwh Kw Kwh Kw	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3 198,034.1 27,448,708.0	May 0.0 0.0 2,594.6 199.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 AHU 14 N May 4,256.9 19.8 0.0	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 1,360,266.9 1,360,266.9 1,360,266.9 1,360,266.9 1,360,266.9 1,360,266.9 1,360,266.9 1,360,266.9 1,360,266.9 1,360,266.9	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 736,393,934.6 Ill Energy Consump July 37,365.2 88.7 0.0	Aug. 0.0 0.0 13,205.1 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 1,630,805.3 774,606,616.1 btion Aug. 34,525.3 77.9 0.0	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8 40,771.5 108.3 1,171,972.2 469,372,562.0 Sep. 14,450.0 41.4 0.0	0.0 0.0 1.424.8 6.1 1.538.3 6.4 1.293.7 5.5 1.335.1 5.7 1.662.6 11.0 12,463.3 43.8 473,983.2 143,480,888.7	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 22,907,117.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 271.1 69,895.6 45.9 251,169.9 251,169.9 251,150.9 1,632,969.6 2,891,531,381.5
Level 1 KW Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 5 KWh Level 6 KWh Monthly Totals kWh Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A. C. (BTUH) Level 1 KWh Kw Level 2 KWh Level 2 KWh Kw Level 3 KWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3 198,034.1 27,448,708.0 April 402.7 5.1 0.0 0.0	May 0.0 0.0 1.594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 AHU 14 N May 4,256.9 19.8 0.0 0.0	June 0.0 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 June 25,190.8 69.9 0.0 0.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 736,393,934.6 July 37,365.2 88.7 0.0 0.0	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 1,630,805.3 774,606,616.1 btion Aug. 34,525.3 77.9 0.0 0.0	0.0 0.0 6.806.6 26.0 4.211.5 12.5 6.340.7 14.3 6.543.9 14.8 10,839.3 29.8 40,771.5 108.3 1,171,972.2 469,372,562.0 Sep. 14,450.0 0.0 0.0	0.0 0.0 1.424.8 6.1 1.538.3 6.4 1.293.7 5.5 1.335.1 5.7 1.662.6 11.0 12.463.3 43.8 473,983.2 143,480,888.7 Oct. 5,320.4 21.4 0.0 0.0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1 Nov. 743.9 7.8 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5 150.9 1,632,969.6 1,632,969.6 12,891,531,381.5
Level 1 Kw KWh Kw Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 5 Kw Kwh Kwh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3 198,034.1 27,448,708.0 April 402.7 5.1 0.0 0.0 0.0	May 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 167,458,647.0 AHU 14 N May 4,256.9 19.8 0.0 0.0	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 549,837,581.0 tonthly Cooling Co June 25,190.8 69.9 0.0 0.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 736,393,934.6 ###################################	Aug. 0.0 0.0 13,205.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 1,630,805.3 774,606,616.1 Aug. 34,525.3 77.9 0.0 0.0	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8 40,771.5 108.3 1,171,972.2 469,372,562.0 Sep. 14,450.0 41.4 0.0 0.0 0.0	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0 12,463.3 43.8 473,983.2 Oct. 5,320.4 21.4 0.0 0.0 0.0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1 Nov. 743.9 7.8 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.11 69,895.6 45.9 251,169,5 150.9 1,632,969.6 2,891,531,381.5 Total 122,255.2 88.7 0.0 0.0 0.0
Level 1 KW Level 2 KWh Kw Level 3 KWh Level 4 KWh Kw Level 6 KWh Level 6 KWh Monthly Totals kWh Monthly BTU (1.1085kW)Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 KWh Kw Level 2 KWh Level 3 KWh Level 3 KWh Level 3 KWh Level 4 KWh Kw Level 3 KWh Level 3 KWh Kw	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3 198,034.1 27,448,708.0 April 402.7 5.1 0.0 0.0 0.0 0.0	May 0.0 0.0 2,594.6 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 163.6 688,249.6 AHU 14 N May 4,255.9 19.8 0.0 0.0 0.0	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 9,118.2 22.7 12,663.9 125.7 12,563.9 1,360,266.9 125.7 1,360,266.9 June 25,190.8 69.9 0.0 0.0 0.0 0.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 150.9 1,632,969.6 736,393,934.6 18 Energy Consump July 37,365.2 88.7 0.0 0.0 0.0	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 774,606,616.1 stion Aug. 34,525.3 77.9 0.0 0.0 0.0	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8 40,771.5 108.3 1,171,972.2 469,372,562.0 Sep. 14,450.0 41.4 0.0 0.0 0.0 0.0	0.0 0.0 1.424.8 6.1 1.538.3 6.4 1.293.7 5.5 1.335.1 1.662.6 11.0 12,463.3 43.8 473,983.2 143,480,888.7 Oct. 5,320.4 21.4 0.0 0.0 0.0 0.0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1 Nov. 743.9 7.8 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169,5 150.9 1,632,969.6 2,891,531,381.5 Total 122,255.2 88.7 0.0 0.0 0.0
Level 1 KW Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 5 KW Level 6 KWh Monthly Totals kWh Monthly BTU (1.1089kW/Ton) Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 KWh Kw Level 2 KWh Level 3 KWh Level 4 KWh Kw Level 4 KWh Kw Level 4 KWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 18.3 18.3 198,034.1 27,448,708.0 April 402.7 5.1 0.0 0.0 0.0 0.0	May 0.0 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 167,458,647.0 AHU 14 N May 4,256.9 19.8 0.0 0.0 0.0 0.0	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 1une 25,190.8 69.9 0.0 0.0 0.0 0.0	July 0.0 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 16 Energy Consump July 37,365.2 88.7 0.0 0.0 0.0 0.0	Aug. 0.0 0.0 13,205.1 12,123.4 23.1 12,123.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 1,630,805.3 774,606,616.1 ettion Aug. 34,525.3 77.9 0.0 0.0 0.0 0.0	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8 40,771.5 108.3 1,171,972.2 469,372,562.0 Sep. 14,450.0 41.4 0.0 0.0 0.0 0.0	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0 12,463.3 43.8 473,983.2 Oct. 5,320.4 21.4 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1 Nov. 743.9 7.8 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 263,3 45,051.9 27.11 69,895.6 45.9 251,169.5 150.9 1,632,969.6 2,891,531,381.5 Total 122,255.2 88.7 0.0 0.0 0.0 0.0
Level 1 KW Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 5 KWh Kw Monthly Totals kWh Monthly Farer Monthly BTU (1.1089kW/Ton) Monthly Energy Consumed by A.C. (BTUH) Level 1 KWh Kw Level 2 KWh Kw Level 3 KWh Level 4 KWh Kw Level 4 KWh Kw Level 4 KWh Kw Level 5 KWh Kw Level 6 KWh Kw Level 7 KWh Kw Level 8 KWh Kw Level 9 KWh Kw Level 1 Kw Level 1 KWh Kw Level 2 KWh Kw Level 3 KWh Level 4 KWh Kw Level 4 Kw Level 5 KWh Level 5 KWh Level 6 KWh Kw Level 8 KWh Level 8 KWh Level 9 KWh Kw Level 9 KWh Kw Level 1 KWh Kw Level 1 KWh Kw Level 1 KWh Kw Level 2 KWh Kw Level 3 KWh Level 4 KWh Kw Level 5 KWh Kw Level 6 KWh Kw Level 7 KWh Kw Level 8 KWh Kw Level 9 KWh Kw Level 1 KWh Kw Kw Level 1 KWh Kw Kw Level 1 KWh Kw Kw Level 2 KWh Kw Kw Level 3 KWh Kw Kw Kw Level 4 Kw Kw Kw Level 5 KWh Kw Kw Level 6 Kw Kw Kw Level 1 Kw Kw Kw Kw Kw Level 1 Kw Kw Kw Kw Kw Kw Kw Kw	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3 198,034.1 27,448,708.0 April 402.7 5.1 0.0 0.0 0.0 0.0 0.0	May 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 167,458,647.0 AHU 14 N May 4,255.9 19.8 0.0 0.0 0.0 0.0 0.0 0.0	June 0.0 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 549,837,581.0 June 25,190.8 69.9 0.0 0.0 0.0 0.0 0.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 736,393,934.6 Il Energy Consump July 37,365.2 88.7 0.0 0.0 0.0 0.0 0.0	Aug. 0.0 0.0 13,205.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 774,606,616.1 Aug. 34,525.3 77.9 0.0 0.0 0.0 0.0 0.0	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8 40,771.5 108.3 1,171,972.2 469,372,562.0 41.4 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0 12,463.3 43.8 473,983.2 0ct. 5,320.4 21.4 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1 Nov. 743.9 7.8 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.11 69,895.6 45.9 251,169.5 150.9 1,632,969.6 2,891,531,381.5 Total 122,255.2 88.7 0.0 0.0 0.0 0.0 0.0
Level 1 KW	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3 198,034.1 27,448,708.0 April 402.7 5.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	May 0.0 0.0 1.594.6 1.200.3 6.0 2.594.6 1.200.3 6.0 2.346.3 8.0 2.421.5 8.3 5.983.4 21.8 14,546.1 63.6 688,249.6 AHU 14 N May 4.256.9 0.0 0.0 0.0 0.0 0.0 0.0	June 0.0 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 June 25,190.8 69,9 0.0 0.0 0.0 0.0 0.0 0.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 16,632,969.6 18,632,969.6 10,0 0.0 0.0 0.0 0.0 0.0 0.0	Aug. 0.0 0.0 13,205.1 29.7 10,239.4 23.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 1,630,805.3 774,606,616.1 ttion Aug. 34,525.3 77.9 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 10,839.3 29.8 40,771.5 108.3 1,171,972.2 469,372,562.0 Sep. 14,450.0 41.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.424.8 6.1 1.538.3 6.4 1.293.7 5.5 1.335.1 5.7 1.662.6 11.0 12,463.3 43.8 473,983.2 Oct. 5,320.4 2.1.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1 Nov. 743.9 7.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5 150.9 1,632,969.6 2,891,531,381.5 Total 122,255.2 88.7 0.0 0.0 0.0 0.0 0.0 0.0
Level 1 KW Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 5 KWh Kw Monthly Totals kWh Monthly Farer Monthly BTU (1.1089kW/Ton) Monthly Energy Consumed by A.C. (BTUH) Level 1 KWh Kw Level 2 KWh Kw Level 3 KWh Level 4 KWh Kw Level 4 KWh Kw Level 4 KWh Kw Level 5 KWh Kw Level 6 KWh Kw Level 7 KWh Kw Level 8 KWh Kw Level 9 KWh Kw Level 1 Kw Level 1 KWh Kw Level 2 KWh Kw Level 3 KWh Level 4 KWh Kw Level 4 Kw Level 5 KWh Level 5 KWh Level 6 KWh Kw Level 8 KWh Level 8 KWh Level 9 KWh Kw Level 9 KWh Kw Level 1 KWh Kw Level 1 KWh Kw Level 1 KWh Kw Level 2 KWh Kw Level 3 KWh Level 4 KWh Kw Level 5 KWh Kw Level 6 KWh Kw Level 7 KWh Kw Level 8 KWh Kw Level 9 KWh Kw Level 1 KWh Kw Kw Level 1 KWh Kw Kw Level 1 KWh Kw Kw Level 2 KWh Kw Kw Level 3 KWh Kw Kw Kw Level 4 Kw Kw Kw Level 5 KWh Kw Kw Level 6 Kw Kw Kw Level 1 Kw Kw Kw Kw Kw Level 1 Kw Kw Kw Kw Kw Kw Kw Kw	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3 198,034.1 27,448,708.0 April 402.7 5.1 0.0 0.0 0.0 0.0 0.0	May 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 167,458,647.0 AHU 14 N May 4,255.9 19.8 0.0 0.0 0.0 0.0 0.0 0.0	June 0.0 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 549,837,581.0 June 25,190.8 69.9 0.0 0.0 0.0 0.0 0.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 736,393,934.6 Il Energy Consump July 37,365.2 88.7 0.0 0.0 0.0 0.0 0.0	Aug. 0.0 0.0 13,205.1 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 774,606,616.1 Aug. 34,525.3 77.9 0.0 0.0 0.0 0.0 0.0	0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8 40,771.5 108.3 1,171,972.2 469,372,562.0 41.4 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0 12,463.3 43.8 473,983.2 0ct. 5,320.4 21.4 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1 Nov. 743.9 7.8 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1.1 69,895.6 45.9 251,169.9 251,159.9 1,632,969.6 2,891,531,381.5 Total 122,755.2 88.7 0.0 0.0 0.0 0.0 0.0
Level 1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3 198,034.1 27,448,708.0 April 402.7 5.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	May 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 167,458,647.0 Muy 4,256.9 19.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 549,837,581.0 tonthly Cooling Co June 25,190.8 69.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 1,632,969.6 iii Energy Consump July 37,365.2 88.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Aug. 0.0 0.0 13,205.1 12,183.6 24.9 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 1,630,805.3 774,606,616.1 stion Aug. 34,525.3 77.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8 40,777.5 108.3 1,171,972.2 469,372,562.0 Sep. 14,450.0 41.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0 12,463.3 43.8 473,983.2 Oct. 5,320.4 21.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1 Nov. 743.9 7.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 1,632,969,6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
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Level 1 KW Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 5 KWh Kw Level 6 KWh Monthly Totals kWh Monthly BTU (1.1089kW/Ton) Monthly BTU (1.1089kW/Ton) Monthly BTU (2.1089kW/Ton) Monthly BTU (2.1089kW/Ton) Monthly BTU (3.1089kW/Ton) Monthly BTU (4.1089kW/Ton) Monthly BTU (5.1089kW/Ton) Monthly BTU (6.1089kW/Ton) Monthly Totals kWh Kw Monthly Totals kWh Kw Monthly Totals kWh Kw Monthly Totals kWh	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3 198,034.1 27,448,708.0 April 402.7 5.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	May 0.0 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 AHU 14 N May 4,256.9 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 June 25,190.8 69.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,913.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 1,632,969.6 100.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Aug. 0.0 0.0 13,205.1 12,123.6 12,123.6 12,123.6 12,123.6 12,123.6 12,123.6 12,123.6 12,123.6 12,123.6 12,123.6 13,120.7 18,844.2 1,573.4 1,630,805.3 150.7 1,630,805.3 150.7 1,630,805.3	0.0 0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8 40,771.5 108.3 1,171,972.2 469,372,562.0 Sep. 14,450.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.424.8 6.1 1.538.3 6.4 1.293.7 5.5 1.335.1 5.7 1.662.6 11.0 12,463.3 43.8 473,983.2 Oct. 5,320.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1 Nov. 743.9 7.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5 150.9 1,632,969.6 2,891,531,381.5 Total 122,255.2 88.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
Level 1 KW Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 5 KWh Monthly Totals kWh Monthly Peak kW Level 1 KWh Monthly BTU Level 1 KWh Kw Level 2 KWh Level 3 KWh Level 4 KWh Level 5 KWh Level 6 KWh Kw Level 1 KWh Kw Level 1 KWh Kw Level 3 KWh Level 3 KWh Level 4 KWh Kw Level 5 KWh Kw Level 5 KWh Kw Level 6 KWh Kw Monthly Totals kWh Monthly Totals kWh Monthly Peak kW	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 18.3 18.3 198,034.1 27,448,708.0 April 402.7 5.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	May 0.0 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 167,458,647.0 May 4,256.9 19.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 Lonthly Cooling Co June 25,190.8 69.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 16 Energy Consump July 37,365.2 88.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Aug. 0.0 0.0 13,205.1 12,183.6 24.9 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 1,630,805.3 774,606,616.1 ettion Aug. 34,525.3 77.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 40,771.5 108.3 1,171,972.2 469,372,562.0 Sep. 14,450.0 41.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0 12,463.3 43.8 473,983.2 Oct. 5,320.4 21.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1 Nov. 743.9 7.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 47,500.9 31.7 36,107,7 25.9 43,655.9 263,45,051.9 27.11 69,895.6 45.93 251,169.5 150.9 2,891,531,381.5 Total 122,255.2 88.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
Level 1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3 198,034.1 27,448,708.0 April 402.7 5.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	May 0.0 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 AHU 14 N May 4,256.9 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 June 25,190.8 69.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,913.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 1,632,969.6 100.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Aug. 0.0 0.0 13,205.1 12,123.6 12,123.6 12,123.6 12,123.6 12,123.6 12,123.6 12,123.6 12,123.6 12,123.6 12,123.6 13,120.7 18,844.2 1,573.4 1,630,805.3 150.7 1,630,805.3 150.7 1,630,805.3	0.0 0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8 40,771.5 108.3 1,171,972.2 469,372,562.0 Sep. 14,450.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.424.8 6.1 1.538.3 6.4 1.293.7 5.5 1.335.1 5.7 1.662.6 11.0 12,463.3 43.8 473,983.2 Oct. 5,320.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1 Nov. 743.9 7.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.1 69,895.6 45.9 251,169.5 150.9 1,632,969.6 2,891,531,381.5 Total 122,255.2 88.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
Level 1 KW Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 6 KWh Monthly Totals kWh Monthly BTU (1.1089kW)Ton) Monthly Energy Consumed by A.C. (BTUH) Level 1 KWh Kw Level 2 KWh Level 3 KWh Level 4 KWh Level 4 KWh Level 4 KWh Level 5 KWh Monthly BTU (1.1089kW)Ton) Monthly BTU (1.1089kW)Ton) Monthly BTU (1.1089kW)Ton) Monthly BTU (1.1089kW)Ton) Monthly Totals kWh Monthly BTU (1.1089kW)Ton) Monthly BTU (1.1089kW)Ton) Monthly BTU (1.1089kW)Ton) Monthly BTU (1.1089kW)Ton)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 18.3 18.3 198,034.1 27,448,708.0 April 402.7 5.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	May 0.0 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 167,458,647.0 May 4,256.9 19.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 Lonthly Cooling Co June 25,190.8 69.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 16 Energy Consump July 37,365.2 88.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Aug. 0.0 0.0 13,205.1 12,183.6 24.9 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 1,630,805.3 774,606,616.1 ettion Aug. 34,525.3 77.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 40,771.5 108.3 1,171,972.2 469,372,562.0 Sep. 14,450.0 41.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0 12,463.3 43.8 473,983.2 Oct. 5,320.4 21.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1 Nov. 743.9 7.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 263,3 45,051.9 27.11 69,895.6 45.99 251,169.5 150.9 2,891,531,381.5 Total 122,255.2 88.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
Level 1 KW Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 5 KWh Monthly Totals kWh Monthly BTU (3.1089kW/Ton) Level 1 KWh Level 2 KWh Level 3 KWh Level 3 KWh Level 4 KWh Level 5 KWh Level 5 KWh Level 1 KWh Level 1 KWh Level 2 KWh Level 3 KWh Level 3 KWh Level 4 KWh Level 4 KWh Level 5 KWh Level 5 KWh Level 5 KWh Monthly Totals kWh Monthly Faregy Level 6 KWh Level 7 KWh Level 8 KWh Level 8 KWh Level 9 KWh Level 9 KWh Level 9 KWh Level 10 KWh KWh Level 10 KWh KWh Level 11 KWh KWh Level 12 KWh Level 13 KWh Monthly Faregy Level 14 KWh Monthly Faregy Level 15 KWh Monthly Faregy Level 16 KWh Monthly Faregy Level 17 KWh Monthly Faregy Level 18 KWh Monthly BTU (3.1089kW/Ton) Monthly Erergy Level 19 KWh Monthly Faregy Level	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 13.7 2,384.3 18.3 198,034.1 27,448,708.0 April 402.7 5.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	May 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 167,458,647.0 AHU 14 N May 4,256.9 19.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 19.8	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 1,360,266.9 10mthly Cooling Co June 25,190.8 69.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 1632,969.6 1632,969.6 150.9 1,632,969.6 100 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Aug. 0.0 0.0 13,205.1 12,183.6 24.9 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 1,630,805.3 774,606,616.1 Stion Aug. 34,525.3 77.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 29.8 40,777.5 108.3 1,171,972.2 469,372,562.0 Sep. 14,450.0 41.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0 12,463.3 43.8 473,983.2 143,480,888.7 Oct. 5,320.4 21.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1 Nov. 743.9 7.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 743.9 7.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.11 69,895.6 45.9 251,169.5 150.9 2,891,531,381.5 Total 122,255.2 88.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
Level 1 KW Level 2 KWh Kw Level 3 KWh Kw Level 4 KWh Kw Level 5 KW Level 6 KWh Monthly Totals kWh Monthly BTU (1.1089kW/Ton) Monthly Energy consumed by A.C. (BTUH) Level 1 KWh Kw Level 2 KWh Level 3 KWh Level 4 KWh Kw Level 4 KWh Level 4 KWh Level 5 KWh Monthly BTU Level 1 KWh Kw Level 1 KWh Kw Level 2 KWh Monthly BTU Level 3 KWh Kw Level 4 KWh Monthly BTU Level 5 KWh Monthly BTU Level 6 KWh Monthly Totals kWh Monthly Totals kWh Monthly Totals kWh Monthly Totals kWh Monthly Feergy	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 86.9 1.2 104.9 1.3 83.5 1.0 86.1 1.1 2,022.9 18.3 18.3 198,034.1 27,448,708.0 April 402.7 5.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	May 0.0 0.0 0.0 2,594.6 19.5 1,200.3 6.0 2,346.3 8.0 2,421.5 8.3 5,983.4 21.8 14,546.1 63.6 688,249.6 167,458,647.0 May 4,256.9 19.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	June 0.0 0.0 9,648.3 26.3 7,494.6 20.9 8,836.0 22.0 9,118.2 22.7 12,663.9 33.8 47,761.0 125.7 1,360,266.9 Lonthly Cooling Co June 25,190.8 69.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	July 0.0 0.0 13,569.5 31.7 11,123.0 25.9 12,416.3 26.3 12,813.0 27.1 17,739.0 44.3 63,966.0 150.9 1,632,969.6 16 Energy Consump July 37,365.2 88.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Aug. 0.0 0.0 13,205.1 12,183.6 24.9 12,183.6 24.9 12,573.4 25.7 18,844.2 45.9 67,285.3 150.7 1,630,805.3 774,606,616.1 ettion Aug. 34,525.3 77.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 6,806.6 26.0 4,211.5 12.5 6,340.7 14.3 6,543.9 14.8 10,839.3 40,771.5 108.3 1,171,972.2 469,372,562.0 Sep. 14,450.0 41.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 1,424.8 6.1 1,538.3 6.4 1,293.7 5.5 1,335.1 5.7 1,662.6 11.0 12,463.3 43.8 473,983.2 Oct. 5,320.4 21.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 165.1 1.8 195.7 2.1 155.8 1.7 160.7 1.7 138.1 3.7 1,989.8 15.0 162,323.0 22,907,117.1 Nov. 743.9 7.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 47,500.9 31.7 36,107.7 25.9 43,655.9 26.3 45,051.9 27.11 69,895.6 45.9 251,169.5 150.9 2,891,531,381.5 Total 122,255.2 88.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0

Appendix E

Heat Pump Selection calculations

For HEAT Pump. Source ENT: 60 °F
LOAD ENTC: 84°F~90 LWT: 83°F LOAD ENTH: 61°F LWT: 40°F
COOLING WAD: 84 MBTUH
HEATING LOAD: 5,106 MBTUH
Flow: 861 gpm
Cooling.
LOAD FLOW 70 apm
LOAD ENT 950F
Scled SENT 70
3pm 70
LOAD FLOW TO gipM
TC = 343.8 M3TU H
Select Same Eut 50
9 pm 70 LOAD ENT 90
LUASS FLOW 70
TC = 3 4816 MBTV +
Interpolate for Source Eut of 60%
TC = 345.8 MBTUH.
Check,
861/70 = 12,3 cn.+s.
13 - 2511242
so world need 13 - 50 PSW 360, in parallel to neet flow requirements.
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
teating 100 mg
LOAD EWT: 400 not possible to 600
Leaping Source flow of 70 gpm
Heating LOAD flow 70 gpm LOAD ENT: 400 pm Keeping Source flow of 70 gpm HC = 338.7 MBTOH. LWT = 69.7
HC = 338.7 MBTOH. LWT = 69.7
510,6 MBTUH/323 = 16 cnits.
if only 13 units in posaled get 44103,1 MBTUH.
But I'm increosing the preheating May Tomage HP So must try hatter try of Lwt.
But I'M increasing the preheating. May Tamage HP So
must try hotter try or Lwt.
Change to LINT of 108,7 get ENT of 60. reed pups on seres.

Size GHX bosed on cowing with heat pump.
5'ze 6+x bosed en cowing with heat pump. 70 gpm for each loop.
note temp enterry HP/leavy grand 60°F
water temp tearing HP/Enterny grand. 69,97
$7 = 500 (gpm)(\Delta T)$ $2T = \frac{9}{500(gpm)} = 9.88.97 + 60.97$
Using 1/2 in whole, SDR9 Rp = .11 h - H - F/BTU
Rs = /1.33 Bro/h H = = .7519
Le = 2d cost (COP+1) (Rp + Rs Fs) COP=(. 2928) EEL. COP=7.25
(Teutnon - Tymor)
Le = 345800 (8.25) (,11 +.75) = 25,637 /HP
(25,637)(13) = 333,281 1 => 1,111 wells @ 300' dpth
So if each Hp had this setup of wells, heating potentialiss.
Edhed = Le (Tymin - Tenotinin) La head
$= 25637 \left[\frac{(56.7 - 36.04)}{1(.11 + .75)} \right] = 616 \text{ MBTUH}.$
616 (13) = 8008 143 to H almost grad to
curent heating land at 9,379 TSTRH

Carrier Heat Pump Performance Data for 50SWP360

Performance data (cont)



COOLING CAPACITIES (cont) 50PSW360

	SOURC	CE COI	L											LOAD CO	OIL										
-		Danie					Flow 35	.0 gpr	n					Flow 53	3.0 gpr	n					Flow 70	.0 gpn	n		
(F)	gpm	Di	sure op	EWT (F)	TC (MBtuh)	Power (kW)	THR (MBtuh)	LWT (F)	EER	Dr	sure op	TC (MBtuh)	Power (kW)	THR (MBtuh)	LWT	EER	Dr	sure op	TC (MBtuh)	Power (kW)	THR (MBtuh)	LWT (F)	EER	Di	ssure
-	-	psig	ft wg	50	129.3	6.84	152.7	35.2	18.6	psig 0.54	1.20	271.2	13.86	318.5	39.8	19.6	psig 3.60	ft wg 8.30	277.3	13.94	324.9	42.1	19.9	psig 6.50	ft wg
	35	1.19	2.75	60 70 80 90	141.0 151.3 160.2 167.5	6.90 7.00 7.08 7.14	164.5 175.2 184.4 191.9	43.9 52.7 61.7 70.9	20.1 21.3 22.4 23.3	0.30 0.17 0.15 0.12	0.70 0.40 0.30 0.30	294.1 313.9 330.2 342.7	13.92 14.09 14.24 14.35	341.6 362.0 378.8 391.6	48.9 58.2 67.5 77.1	21.1 22.3 23.2 23.9	3.44 3.29 3.15 3.02	7.94 7.60 7.28 6.97	299.9 319.0 334.5 345.8	13.97 14.14 14.28 14.38	347.5 367.3 383.2 394.8	51.4 60.9 70.4 80.1	21.5 22.6 23.4 24.0	6.18 5.91 5.67 5.47	14.28 13.64 13.09 12.64
50	53	3.59	8.30	50 60 70 80 90	131.1 142.7 152.9 161.6 168.6	6.34 6.41 6.47 6.53 6.57	152.8 164.6 175.0 183.8 191.0	35.0 43.7 52.5 61.5 70.7	20.2 21.9 23.3 24.5 25.5	0.54 0.30 0.17 0.15 0.12	1.20 0.70 0.40 0.30 0.30	275.0 297.6 316.8 332.6 344.8	12.76 12.90 13.01 13.11 13.18	318.5 341.6 361.2 377.4 389.8	39.6 48.8 58.0 67.4 77.0	21.5 23.1 24.3 25.4 26.2	3.60 3.44 3.29 3.15 3.02	8.30 7.94 7.60 7.28 6.97	281.1 303.3 321.9 336.8 347.9	12.80 12.93 13.04 13.13 13.20	324.8 347.4 366.4 381.6 392.9	42.0 51.3 60.8 70.4 80.1	22.0 23.4 24.7 25.6 26.4	6.50 6.18 5.91 5.67 5.47	15.00 14.28 13.64 13.09 12.64
	70	6.50	15.02	50 60 70 80 90	131.7 143.4 153.5 162.2 169.1	6.12 6.18 6.22 6.26 6.29	152.6 164.4 174.8 183.5 190.6	35.0 43.6 52.5 61.5 70.7	21.1 22.8 24.3 25.6 26.7	0.54 0.30 0.17 0.15 0.12	1.20 0.70 0.40 0.30 0.30	276.2 298.9 318.1 333.7 345.6	12.30 12.41 12.50 12.57 12.67	318.2 341.2 360.7 376.6 388.7	39.6 48.7 58.0 67.4 77.0	22.5 24.1 25.5 26.6 27.4	3.60 3.44 3.29 3.15 3.02	8.30 7.94 7.60 7.28 6.97	282.4 304.6 323.1 337.8 348.6	12.33 12.43 12.52 12.59 12.63	324.5 347.0 365.8 380.8 391.7	41.9 51.3 60.8 70.3 80.0	22.9 24.5 25.8 26.8 27.6	6.50 6.18 5.91 5.67 5.47	15.00 14.28 13.64 13.09 12.64
	35	1.01	2.34	50 60 70 80 90	118.9 132.6 144.9 155.5 164.0	8.26 8.38 8.49 8.59 8.66	147.0 161.2 173.9 184.8 193.6	36.4 44.8 53.4 62.2 71.3	13.9 15.4 16.7 17.8 18.7	0.54 0.30 0.17 0.15 0.12	1.20 0.70 0.40 0.30 0.30	251.5 279.0 302.7 322.2 336.8	16.64 16.88 17.10 17.27 17.40	308.3 336.6 361.1 381.1 396.2	40.5 49.5 58.6 67.8 77.3	15.1 16.5 17.7 18.7 19.4	3.60 3.44 3.29 3.15 3.02	8.30 7.94 7.60 7.28 6.97	258.3 285.6 308.7 327.1 340.3	16.70 16.94 17.15 17.32 17.43	315.3 343.4 367.2 386.2 399.8	42.6 51.8 61.2 70.7 80.3	15.5 16.9 18.0 18.9 19.5	6.50 6.18 5.91 5.67 5.47	15.00 14.28 13.64 13.09 12.64
70	53	3.29	7.60	50 60 70 80 90	122.4 135.7 147.5 157.5 165.4	7.84 7.92 7.99 8.04 8.09	149.1 162.7 174.7 184.9 193.0	36.0 44.5 53.1 62.0 71.1	15.1 16.7 18.1 19.3 20.2	0.54 0.30 0.17 0.15 0.12	1.20 0.70 0.40 0.30 0.30	258.4 284.8 307.3 325.5 338.9	15.76 15.91 16.04 16.15 16.23	312.2 339.1 362.1 380.6 394.2	40.2 49.3 58.4 67.7 77.2	16.4 17.9 19.2 20.2 20.9	3.60 3.44 3.29 3.15 3.02	8.30 7.94 7.60 7.28 6.97	265.2 291.2 313.0 330.1 341.9	15.80 15.95 16.08 16.17 16.24	319.1 345.6 367.9 385.3 397.4	42.4 51.7 61.1 70.6 80.2	16.8 18.3 19.5 20.4 21.1	6.50 6.18 5.91 5.67 5.47	15.00 14.28 13.64 13.09 12.64
	70	5.91	13.64	50 60 70 80 90	124.0 137.0 148.5 158.3 166.1	7.64 7.70 7.75 7.79 7.82	150.0 163.3 175.0 184.9 192.7	35.8 44.3 53.0 61.9 71.0	15.7 17.4 18.8 20.0 21.0	0.54 0.30 0.17 0.15 0.12	1.20 0.70 0.40 0.30 0.30	261.5 287.3 309.2 326.9 339.9	15.34 15.45 15.55 15.62 15.68	313.9 340.0 362.3 380.2 393.4	40.1 49.2 58.3 67.7 77.2	17.0 18.6 19.9 20.9 21.7	3.60 3.44 3.29 3.15 3.02	8.30 7.94 7.60 7.28 6.97	268.2 293.6 314.8 331.4 343.0	15.37 15.48 15.57 15.64 15.69	320.6 346.4 367.9 384.8 396.5	42.3 51.6 61.0 70.5 80.2	17.5 19.0 20.2 21.2 21.9	6.50 6.18 5.91 5.67 5.47	15.00 14.28 13.64 13.09 12.64
	35	0.86	2.03	50 60 70 80 90	106.2 121.2 134.8 147.2 158.3	9.76 9.90 10.04 10.16 10.27	139.4 154.9 169.1 181.9 193.3	37.9 46.2 54.6 63.2 71.9	10.3 11.7 13.0 14.1 15.1	0.54 0.30 0.17 0.15 0.12	1.20 0.70 0.40 0.30 0.30	225.8 256.2 283.6 308.0 329.1	19.64 19.94 20.22 20.46 20.68	292.8 324.3 352.6 377.8 399.7	41.5 50.3 59.3 68.4 77.6	11.5 12.8 14.0 15.1 15.9	3.60 3.44 3.29 3.15 3.02	8.30 7.94 7.60 7.28 6.97	232.6 263.1 290.4 314.4 334.9	19.71 20.01 20.28 20.53 20.74	299.8 331.4 359.6 384.5 405.6	43.4 52.5 61.7 71.0 80.4	11.8 13.1 14.3 15.3 16.2	6.50 6.18 5.91 5.67 5.47	15.00 14.28 13.64 13.09 12.64
90	53	3.02	6.97	50 60 70 80 90	109.7 125.0 138.6 150.6 160.9	9.33 9.42 9.51 9.58 9.85	141.6 157.1 171.1 183.3 193.9	37.5 45.7 54.2 62.8 71.6	11.2 12.7 14.1 15.3 16.3	0.54 0.30 0.17 0.15 0.12	1.20 0.70 0.40 0.30 0.30	233.7 264.3 291.2 314.3 333.3	18.75 18.94 19.10 19.25 19.37	297.6 329.0 356.4 379.9 399.4	41.2 50.0 59.0 68.1 77.4	12.5 14.0 15.2 16.3 17.2	3.60 3.44 3.29 3.15 3.02	8.30 7.94 7.60 7.28 6.97	240.8 271.4 297.9 320.3 338.4	18.79 18.98 19.15 19.29 19.40	304,9 336.1 363.2 386.1 404.6	43.1 52.2 61.5 70.8 80.3	12.8 14.3 15.6 16.6 17.4	6.50 6.18 5.91 5.67 5.47	15.00 14.28 13.64 13.09 12.64
	70	5.47	12.64	50 60 70 80 90	111.4 126.7 140.3 152.1 162.0	9.13 9.20 9.26 9.32 9.36	142.6 158.1 171.9 183.9 193.9	37.3 45.5 54.0 62.6 71.5	11.6 13.2 14.7 15.9 17.0	0.54 0.30 0.17 0.15 0.12	1.20 0.70 0.40 0.30 0.30	237.3 268.0 294.5 316.8 334.5	18.32 18.47 18.59 18.69 18.77	299.8 331.0 357.9 380.6 398.6	41.0 49.9 58.9 68.0 77.4	13.0 14.5 15.8 16.9 17.8	3.60 3.44 3.29 3.15 3.02	8.30 7.94 7.60 7.28 6.97	244.5 275.1 301.1 322.5 339.1	18.36 18.50 18.62 18.72 18.79	307.2 338.2 364.6 386.4 403.2	43.0 52.1 61.4 70.8 80.3	13.3 14.9 16.2 17.2 18.0	6.50 6.18 5.91 5.67 5.47	15.00 14.28 13.64 13.09 12.64
	35	0.79	1.82	50 60 70 80 90	178.7 213.9 246.8 273.2	22.84 23.25 23.64 23.95	256.6 293.2 327.4 354.9	39.8 47.8 55.9 64.4	7.2 8.6 9.9 11.0	1.19 1.10 1.01 0.94	2.75 2.53 2.34 2.17	191.9 229.0 261.3	22.99 23.42 23.81 —	270.4 308.9 342.6	42.8 51.4 60.1	8.3 9.8 11.0 —	3.59 3.44 3.29 —	8.30 7.94 7.60 —	198.8 236.6 267.9	23.07 23.51 23.89	277.5 316.8 349.4 —	44.3 53.2 62.3 —	8.6 10.1 11.2 —	6.50 6.18 5.91	15.02 14.28 13.64 —
110	53	2.77	6.40	50 60 70 80 90	189.2 222.5 253.3 280.4 302.0	21.95 22.19 22.41 22.61 22.77	264.1 298.2 329.8 357.6 379.7	39.2 47.3 55.5 64.0 72.7	8.0 9.4 10.8 11.9 12.9	1.19 1.10 1.01 0.94 0.88	2.75 2.53 2.34 2.17 2.03	202.5 237.0 268.0 293.5 311.6	22.05 22.30 22.52 22.71 22.85	277.7 313.1 344.8 371.0 389.5	42.4 51.1 59.9 68.9 78.2	9.2 10.6 11.9 12.9 13.6	3.59 3.44 3.29 3.15 3.02	8.30 7.94 7.60 7.26 6.97	209.3 244.3 275.0 299.3 315.2	22.10 22.35 22.57 22.75 22.87	284.7 320.6 352.0 376.9 393.3	44.0 53.0 62.1 71.4 81.0	9.5 10.9 12.2 13.2 13.8	6.50 6.18 5.91 5.67 5.47	15.02 14.28 13.64 13.09 12.64
Deplementaries	70	5.20	12.02	50 60 70 80 90	193.7 226.6 256.9 284.0 307.1	21.53 21.70 21.86 22.01 22.13	267.2 300.6 331.5 359.1 382.6	38.9 47.1 55.3 63.8 72.5	8.4 9.8 11.2 12.4 13.5	1.19 1.10 1.01 0.94 0.88	2.75 2.53 2.34 2.17 2.03	207.2 241.1 271.6 297.9 318.9	21.60 21.78 21.94 22.08 22.19	280.9 315.4 346.5 373.3 394.6	42.2 50.9 59.7 68.8 78.0	9.6 11.1 12.4 13.5 14.4	3.59 3.44 3.29 3.15 3.02	8.30 7.94 7.60 7.26 6.97	214.1 248.4 278.8 304.4 324.0	21.63 21.81 21.98 22.12 22.22	287.9 322.8 353.8 379.8 399.8	43.9 52.9 62.0 71.3 80.7	9.9 11.4 12.7 13.8 14.6	6.50 6.18 5.91 5.67 5.47	15.02 14.28 13.64 13.09 12.64

Energy Efficiency Ratio
Entering Water Temperature (F)
Leaving Water Temperature (F)
Btuh in Thousands
Total Capacity (MBtuh)
Total Heat of Rejection (MBtuh)

- NOTES:

 1. Interpolation is permissible, extrapolation is not.

 2. All performance data is based upon the lower voltage of dual voltage rated units.

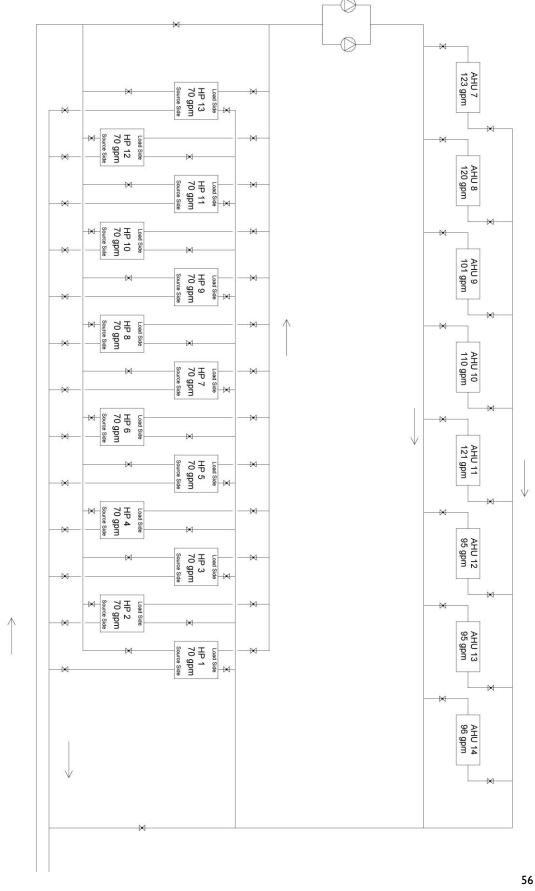
 3. All performance data is based upon a load coaxial heat exchanger of single-walled copper construction. For vented double-wall performance consult the factory.

 4. Performance stated is at the rated power supply: performance may vary as the power supply varies from the rated.

 5. Operation below 40F EWT is based upon 15% antifreeze solution.

 6. For operation in the shaded area when water is used in lieu of an antifreeze solution, the LWT (eaving water temperature) must be calculated. Flow must be maintained to a level so that the LWT is maintained above 42 F when the JW3 jumper is not clipped. Because the refrigerant temperature can potentially reach as low as 32 F with 40 F LWT, a nuisance cutouf could occur due to the activation of the low temperature protection. The JW3 jumper should never be clipped for standard range equipment or systems without antifreeze.

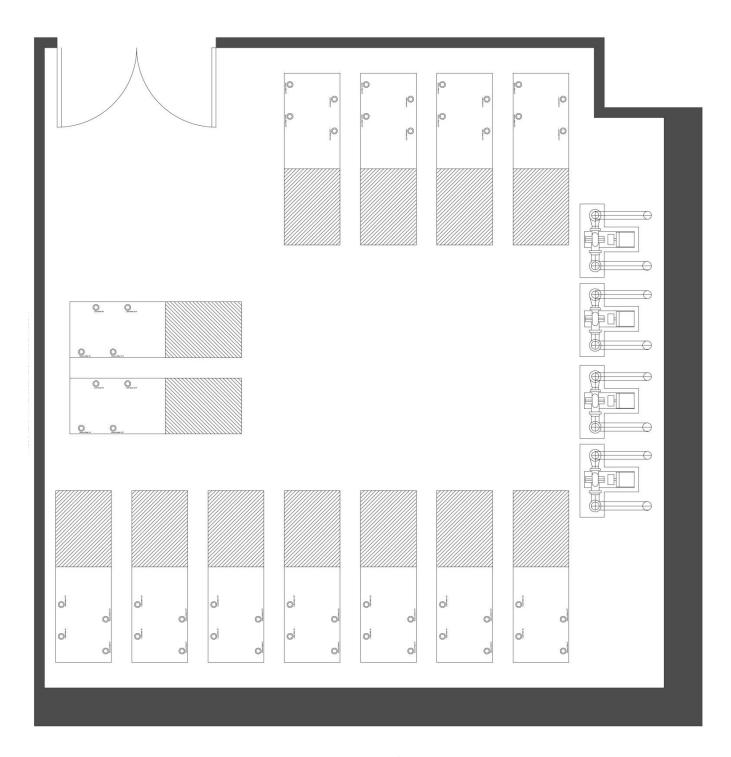
Appendix F



Appendix G

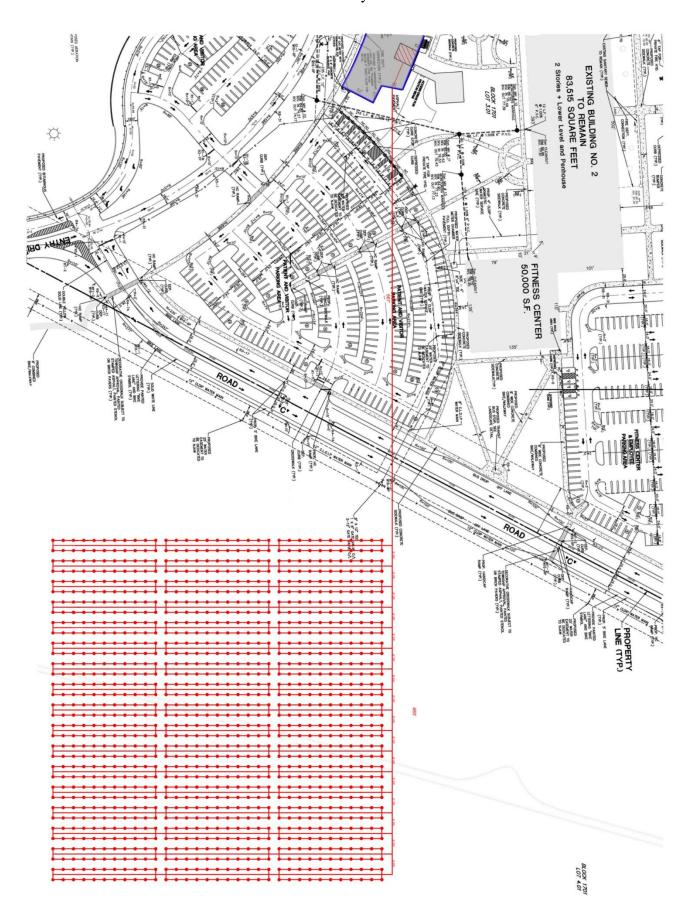
Heat Pump Room Layout





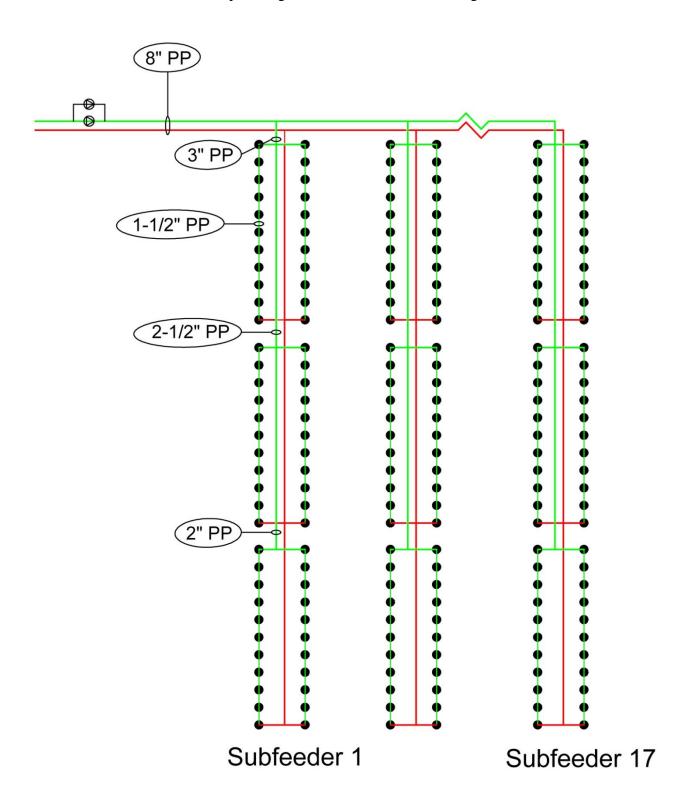


Well Field Layout



Well Field Single Line Diagram

*Pipe Design Criteria Shown on Next Page



Pipe Sizing Criteria

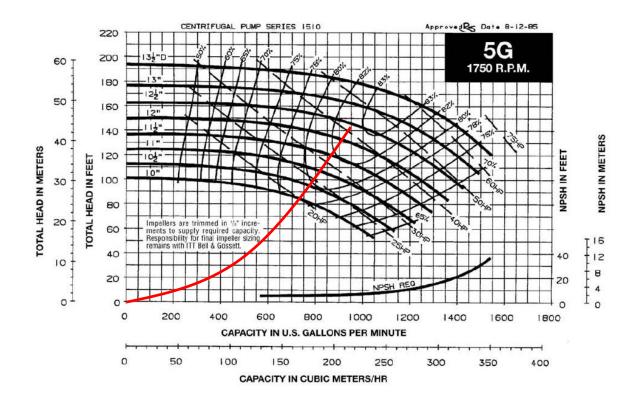
	Pipe	Selection	Schedule		
Designation	Nominal Diameter (in)	Flow Rate (gpm)	Total Length (ft)	Head Loss (ft/100ft)	Velocity (fps)
8" SP	8	900	1,073	1.25	5.75
4" SP	4	95-123		0.6-0.8	2.5
2" SP	2	70		9	6
8" PP	8	900	1,556	1.4	6
6" PP	6	630	210	2.5	8
5" PP	5	250	60	1.4	5
4" PP	4	162	150	1.5	4.5
3" PP	3	54	300	0.8	2.5
2-1/2" PP	2.5	36	5,100	1.25	2.5
2" PP	2	18	2,550	0.9	1.8
1-1/2" PP	1.5	9	666,600	0.9	1.6

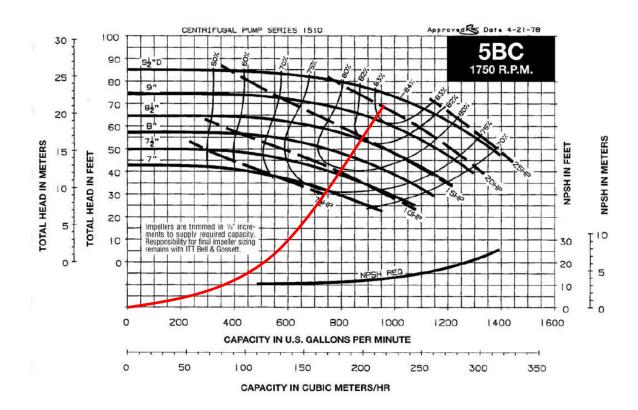
Appendix H

Head Loss Calculations

Sorce Loop head OSS. Sh = (28) Sh = K (27) = 62.29 16/47 Titim hest pamp op=6.205ps1 => 893.52 16/42 141.34 Mon feeler & plastic 778' x20 70 gpm. 1,4'/100' 21,78' Mon feeler & plastic 105' x2 @ 630 gpm. 25'/100' 5.25' Man feeler & plastic 30' x2 @ 25 gpm. 111/100' x4' Man steeler & plastic 30' x2 @ 25 gpm. 111/100' x4' Man steeler & plastic 30' x2 @ 25 gpm. 111/100' x4' Sub feeler & plastic 150' x2 @ 54' gpm. 18'1/10' x4' Sub feeler & plastic 150' x2 @ 36 gpm. 125'/00' 3.75' / Sub feeler & plastic 150' x1 @ 18 gpm 9'/100' 1.35 (Local Soies 1'2 plastic 150' x1 @ 18 gpm 9'/100' 1.35 (Local Soies 1'2 plastic 150' x1 @ 18 gpm 9'/100' 1.35 (Local Soies 1'2 plastic 15' x 10 @ 9pm 9'/100' 1.35 (Size pamp hally for 900 gpm @ 116' head B16 6E 920 gpm. & 115' head need & 10 H NPsHR. 116' + 10 = 126' head USE B16 56 1750 RPM. 12"		
THEM hest pump op=6.205 ps 1 => 893.52 lb/lf 2 Main leader & plastic 778 × 20 70 gpm. 1,4 1/100' 21,78 × mon feeder 6" plastic 105'× 2 @ 630 gpm 25 1/00' 5.25 × mon feeder 5" plastic 30'× 2 @ 25 gpm 14/100' 2.55 × mon feeder 5" plastic 30'× 2 @ 25 gpm 14/100' 2.25 × mon feeder 4" plastic 30'× 2 @ 25 gpm 14/100' 2.25 × mon feeder 4" plastic 150'× 2 @ 5 4 gpm 15 1/00' 2.25 × Sub feeder 3" plastic 150'× 2 @ 5 4 gpm 125 1/00' 3.75 / Sub feeder 2' plastic 150'× 2 @ 36 gpm 125 1/00' 3.75 / Sub feeder 2' plastic 150'× 1 @ 18 gpm. 9 1/100' 1.35 / weed series 1'/2 plastic 600× 11 @ 9 gpm. 9 1/100' 1.35 / weed series 1'/2 plastic 600× 11 @ 9 gpm. 9 1/100' 1.35 / weed series 1'/2 plastic 15 × 10 @ 9 gpm. 9 1/100' 59,4 / weed series 1 / 2 plastic 15 × 10 @ 9 gpm. 9 1/100' 1.35 / weed series 1 / 2 plastic 15 × 10 @ 9 gpm. 9 1/100' 59,4 / weed series 1 / 2 plastic 15 × 10 @ 9 gpm. 9 1/100' 1.35 / weed series 1 / 2 plastic 15 × 10 @ 9 gpm. 9 1/100' 1.35 / weed 8 10 H DDSHR.	Source Loop head loss.	2505
hest pump op=6.205ps, => 873.52 16/42 Main decler 8" plastic 778' x20 90gpm, 1,41/100' 21,78' Main decler 8" plastic 105' x2 @ 630gpm, 25'/100' 5.25' Main decler 5" plastic 30' x 2 @ 250gpm, 1111/100' 84' Main decler 5" plastic 30' x 2 @ 250gpm, 1111/100' 84' Main decler 5" plastic 30' x 2 @ 250gpm, 115'/100' 2.25' Sub decler 3" plastic 150' x 2 @ 54 gpm, 18' 1/10' 2.4' Sub decler 2'2" plastic 150' x 2 @ 36 gpm, 125'/100' 3.75' / Sub decler 2'2" plastic 150' x 1 @ 18 gpm, .9'/100' 1.35 (Leed 501es 1'12" plastic 150' x 1 @ 18 gpm, .9'/100' 59.4' Bore connectors 1'12" plastic 15' x 10@9gpm, .9'/100' 59.4' Z - 8'' globy value x= 5.7 @ 6fps 3.2' Size pump tally der 900 gpm @ 116' head Bore 6 & 900 gpm a 115' head red 20 H NPSHR.		2,29 16/45
Man declar 8" plastic 778' x20 700,pm. 1,41/100' 21,78' Man field 6" plastic 105'x2@ 630gpm 25'/100' 5.25' Man field 5" plastic 30'x2@ 250,pm 1,111/100' ,84' Man specific 4" plastic 75' x2@ 162gpm 1,5'/100' 2.25' Sub field 3" plastic 150'x2@ 54'gpm 1,8'1/10' 2.4' Sub field 2'2" plastic 150'x2@ 54'gpm 1,8'1/10' 2.4' Sub field 2'2" plastic 150'x2@ 36 gpm 1,25'/100' 3.75' Sub field 2'2" plastic 150'x1@ 18gpm ,9'/100' 1,35' Leel Sories 1'2" plastic 600x11@ 9gpm ,9'/100' 59,4' Bore connectors 1'2" plaste 15'x 10@ 9gpm ,9'/100' 1,35' Z - 8'' globy value x= 5.7 @ 6fps 3.2' Size pump . Abolly der 900 gpm @ 116' head Bold 6E 900 gpm a 115' head need a 10 H NPSHR.	ITEM	Sh (24)
man sheder 6" place 105'x2@ 630gpm 25'/00' 5.25' man sheder 5" plaste 30'x2@ 250gpm 114/100' .84' man sheder 4" plaste 75'x2@ 162gpm 1.5'/00' 2.25' Sub freder 3" plaste 150'x2@ 54/gpm 1.8'1/00' 2.4' Sub freder 2'/2" plaste 150'x2@ 36gpm 1.25'/00' 3.75' Sub freder 2'/2" plaste 150'x2@ 36gpm 1.25'/00' 3.75' Sub freder '2" plaste 150'x1@ 18gpm .9'/100' 1.35' Leed Sories 1'/2" plaste 600x11@ 9gpm .9'/100' 59.4' Bore connectors 1'/2" plaste 15'x 10@9gpm .9'/100' 1.35' Z - 8'' glober value K= 5.7 @ 6fps 3.2' Size pump Hally for 900gpm @ 116' head Bore for the start of the st	heat pump op=6.205ps; => 893.52 16/42	14.34
man feeder 6" plaste 105'x 2 @ 630gpm 25'/100' 5.25' man leader 5" plaste 30'x 2 @ 250gpm 1141/100' .844' man leader 4" plaste 75' x 2 @ 162gpm 1.5'/00' 2.25' Sub feeder 3" plaste 150'x 2 @ 54 gpm .8'100' 3.75' Sub feeder 2'2" plaste 150'x 2 @ 54 gpm .8'100' 3.75' / Sub feeder '2" plaste 150'x 2 @ 36 gpm 1125'/00' 3.75' / Sub feeder '2" plaste 150'x 1 @ 18 gpm .9'/00' 1.35' / Lead Sories 1"2" plaste 600x 11 @ 9gpm .9'/100' 59.4' Bore connectors 1'2" plaste 15'x 10 @ 9gpm .9'/100' 1.35' Z - 8" globor value K= 5.7 @ 6fps 3.2' Size pump Hally for 900 gpm @ 116' head Bold 65 900 gpm a 115' head need a 10 H NPSHR. 116' + 10 = 126' head	man feeder 8" plastic 778' x20 900 pm. 1,4 /100'	21,78
man seeder 5" plaste 30" x 2 @ 250 gpm 1.47/100" . 24 man stepplate 4" plaste 75" x 2 @ 162 gpm 1.57/100" 2.25 / Sub feeder 3" plaste 150" x 2 @ 54 gpm 1.81/100" 2.4 Sub feeder 2'2" plaste 150" x 2 @ 36 gpm 1.25 /100" 3.75 / Sub feeder 2" plaste 150" x 1 @ 18 gpm . 9 /100" 1.35 / Creel sories 1"2" plaste 600 x 11 @ 9 gpm . 9 /100" 59.4 / Bore correctors 1"2" plaste 15" x 10 @ 9 gpm . 9 /100" 1.35 / Z - 8" globe value x = 5.7 @ 6 fps 3.2 / Size purp . Ataly for 900 gpm @ 116" head Both 6E 900 gpm ~ 115" head reed ~ 10 H NPSHE.		5.25
Man Steels 4" plaste 75' x2 @ 162 gpm 1.5 /00 2.25 / SJO feed of 3" plaste 150' x2 @ 54 gpm 18' 100' 2.4 / SJO feed of 2'/2" plaste 150' x2 @ 36 gpm 1.25 /100' 3.75 / SJO feed of 12 'plaste 150' x 1 @ 18 gpm9 /100' 1.35 / Leel Soies 1'12 plaste 600 x 11 @ 9 gpm .9'/100' 59.4 / Bore connectors 1'/2 plaste 15' x 10 @ 9 gpm .9'/100' 59.4 / Z - 8'' globy value x= 5.7 @ 6 fps 3.2 / 116' S. 22 pump Hally for 900 gpm @ 116' head Both 6 E 900 gpm @ 115' head need 2 10 H NPSHR.		.84
Sub feed from 3" plaste 150' x 2 @ 54 gpm 18' lob' 2.4 ' Sub feed 2'/2" plaste 150' x 2 @ 36 gpm 1125 /100' 3.75 / Sub feed 12'/2" plaste 150' x 1 @ 18 gpm9'/100' 1.35 (Well Sories 1'12" plaste 150' x 1 @ 18 gpm9'/100' 59.4 / Bore connectors 1'12" plaste 15' x 10 @ 9gpm .9'/100' 1.35 ' Z - 8'' globa value x = 5.7 @ 6fps 3.2 ' S.Ze pump . Atally for 900 gpm @ 116' head Bold 6E 900 gpm ~ 115' head need ~ 10 H NPSHR.	W. C.	2.25
SJS feeler 2'/2" plaste 150' x2@ 36 gpm 1125 /100' 3.75 / Sub feeler '2" plaste 150' x 1@ 18 gpm9'/100' 1.35 / Level Sories 1"12" plaste 600 x 11@ 9 gpm9'/100' 59,4 / Bore connectors 1"/2" plaste 15' x 10@ 9 gpm9'/100' 1.35 / Z - 8" glober value K= 5.7 @ 6 fps 3.2 / Size pump Hally der 900 gpm @ 116' head. Bore feeler 900 gpm & 115' head need \$\$\text{\$	13. 1.	2,4
Solo freder 2 plastic 150' x 1 @ 18gpm91/100' 1.35 (Lect Sories 1'12 plastic 600 x 11 @ 9gpm .91/100' 59.4 / Bore connectors 1'12 plaste 15' x 10@9gpm .91/100' 1.35 / Z - 8'' globa value x = 5.7 @ 6fps 3.2 / Size pump Hally for 900 gpm @ 116' head Bore for geo gpm = 115' head need = 10 H NPSHR. 116' + 10 = 126' head	SJo lecter 21/2" plaste 150' xe@ 36 gpm 1:25 /100"	3.75 /
beel sores 1'12" plastic 600×11 @ 9gpm .9'/10' 59.4 / Bore connectors 1'12" plaste 15' × 10@9gpm .9'/10' 1.35 / 2 - 8'' globy value ×= 5.7 @ 6fps 3.2 / 5.22 pump . Hally for 900 gpm @ 116' head. Bore connectors 1'2" plastic 15' × 10@9gpm . 9'/10' 1.35 / 116' S.22 pump . Hally for 900 gpm @ 116' head. Bore connectors 1'2" plastic 15' × 10@9gpm . 9'/10' 1.35 / 116' 116' + 10 = 126' head		
Bore connectors 1/2 plaste 15' x 10@9gpm 19'/100' 1.35' Z - 8'' globy value x= 5.7 @ 6fps 3.2' Size pump intally for 900 gpm @ 116' head Bib 6E 900 gpm ~ 115' head need ~ 10 H NPSHR. 116' + 10 = 126' head		
Z - 8" glober value $K=5.7$ @ 6fps 3.2 Size pump introlly for 900 gpm @ 116' head Bit 6E 900 gpm $\simeq 115'$ head ~ 10 H NPSHR. $\sim 116' + 10 = 126'$ head		
5.22 purp trally for 900 gpm @ 116' head Both 6E 900 gpm ~ 115' head reed ~ 10 H NPSHR. 116' + 10 = 126' head		
Bi6 65 900 gpm = 115' head red = 10 H NPSHR.		The second section of the second section of the second section
116' + 10 = 126' head	Size purp intolly der 900 gom @ 116' head	
	B\$6 6 5 900 gpm = 115 head red = 10 H 1	JPSHR.
USE 1816.56 1750 RPM 12"	116' + 10 = 126' head	
	USE B16.56- 1750 RPM 12"	

	ss Through system.
Ts	couse on parallel and largest quivalent Run.
	thry Klader Elevation change: 9" golde 5.7 From lower lave 1 72.15" to 119" above Pool 178.15 + 1191
h T	cet pump. pressure prop # 517 psig. (178.15 + (19/12)) - 72.15 = 115.92'
	8" steel pre @ 900 gpm 1,25 H/100ft head loss
	420' mean water temp 850=
	$Sh = K\left(\frac{V^2}{20}\right)$
	M AHU 123 grm 4" 8"
116' E'stee	Jee!
	70gpm D 910gpm
	Z" HP
2-	-4"globe valves 5.7 relocating (fps) sh (11)
2-	-2"globre volves 7 7 5.36
7.	0 gpm heat pup 5.7 ps, ⇒ 820,816/4+2 13.2
	23 gpm AHU. 13 Aug = 3 5.63 ps, => 810.6 13.0
	20' 8" steel p. p.e. Sply 1, 25 H/100ft 5, 25"
Ч	20' 8' steel pipe retur 1,25 St/looft 5,25'
11	6' 8" steel pper sypty 1.25 ft/west 1.45"
11	6' 8" seel ppe retur
	NPSHR 12 58.39
Selen	t he BSG 1510 Soms 5BC 8"
٨	UPSHR = 12 feet, requires to make to 9" \$ 4515.66 17 HP 82% effect. 16 HP. @statesppy, can





Expansion Tank Calculations

	Expansi	on Tank Calcul	ations	
LOAD volume Pire Diomotor	Area	lendr	Vallume	
8"=,25"			186 4 TD 2	
e"	,442	420'	186	
8" = 75	. 442	116	51	
8 11	.442	116	51	
		Applican	474 cubic feet. × 7,48 = 3,5 4	bgel
7.48	f gal / H=	3		
	,			
				No.
Source Volume				
De Dianel				
8" = ,75				
		105 'X2		
		30'x 2		
4" =.33				
		150 x 2		
2/2"=,21	:035			
	,023	150 × 1 × 17		
1 1/2" = ,13	,013	608' X 1111		
			9 609 H3 x 7.48 = 71,876go	الع:
		*		

Net Positive Suction Head Requirement Check for Pumps in Series

NPSH Check for Pumps in Series	
Equipment	Δh (ft wg)
Head Provided by Load Side Pump	62.5
2 - 4" Globe Vales	-1.42
8" Steel Pipe 420' Long	-5.25
8" Steel Pipe 420' Long	-5.25
8" Steel Pipe 116' Long	-1.45
8" Steel Pipe 116' Long	-1.45
123 gpm AHU Heat Recovery Coil	-13
NPSH Available for Source Side Pump	34.68
NPSH Required for Source Side Pump	10
Head Provided by Source Side Pump	132
8" Plastic Pipe 1556' Long	-21.78
6" Plastic Pipe 210' Long	-5.25
5" Plastic Pipe 60' Long	-0.84
4" Plastic Pipe 150' Long	-2.25
3" Plastic Pipe 300' Long	-2.4
2-1/2" Plastic Pipe 300' Long	-3.75
2" Plastic Pipe 300' Long	-1.35
1-1/2" Plastic Pipe 6600' Long	-59.4
1-1/2" Plastic Pipe 150' Long	-1.35
8" Globe Valve	-3.2
NPSH Avalalbe for Load Side Pump	30.43
NPSH Required for Load Side Pump	12

LOAD 2009 E.T.
$V_{\tau} = V_{N} \left(\frac{6V_{2}}{V_{1}} - 1 \right) - 3\Delta \Delta T$
V _N = 3546gel V ₁ = .01602H3/16m + = 36 % - Am cols m V ₂ = .016 10 H3/16m T ₂ = 900 F - John cols m
DT = 50°F A = 6.8 ×10 - 6
V _T = 3546 \[\left(\frac{.01610}{.01602} - 1 \right) - 3(6,8 \tau \frac{6}{0}) \]
V- = 14 gol.
Swice Loup E.T. $V_{N} = 71876 \text{ gol}$ $T_{1} = 36 - \text{fer colis in what res}$ $V_{N} = 51876 \text{ gol}$ $T_{2} = 70 - \text{fer colis in what res}$ $V_{N} = 101602$ $V_{N} = 101605$
6.8×10-6
$V_{\tau} = 71876 \left[\frac{.01605}{.01602} - 1 \right) - 3(6.8 \times 10^{-6})(34)$
V ₇ = 85 gol.

Appendix I

U Value Calculations

			Cooling	U Value Ca	Cooling U Value Calcuations for Heat Recovery Coils Using LMTD Methor	Heat Recover	y Coils Us	ing LMTD	Method						
					Design									_	
				Water	Outdoor	Leaving	Air Flow	Face							Calculated U
	Heating Heat	Heaitng	Heating	Flow Rate	Air Temp	DB Temp	Rate	Area							Value
AHU	Rate (BTU/hr)	EWT (°F)	LWT (°F)	(gpm)	(°F)	(°F)	(cfm)	(SF)	F Value		T1	T2	Tlm		(BTU/hr-ft2-°F)
7	1441504	61.1	36.7	36.7 123 1:	11	39.9		105	0.8617	_	21.2	25.7	23.37786	_	681.5
8		62.5	35.3	120	11				0.8617		22.6	24.3			668.4
9		58.6	36.8	101	11				0.8617	_	19.7	25.8	22.61304		22.61304 685.9
10	1273115	60.3	36.2	110	11				0.8617	_	21.3	25.2	23.19538		664.8
11	1523919	61.2	35	121	11	39.1			0.8617		22.1	24	23.03694		
12	936480	58.5	38	95	11	39.8	30000	70	0.8617	_	18.7	27	22.59651	_	
13	936480	58.5		95	11	39.8			0.8617		18.7	27	22.59651		
14	640098	54.5	- 5	96	11	40.5		48.75	0.8617		14	29.6	20.83564		731.3

			Cooling	U Value Cal	Cooling U Value Calcuations for Heat Recovery Coils Using LMTI	Heat Recover	y Coils Us	ing LMTD	Method				
					Design								
				Water	Outdoor	Leaving	Air Flow	Face					Calculated U
	Cooling Heat	Cooling	Cooling	Flow Rate	Air Temp	DB Temp	Rate	Area					Value
AHU	Rate (BTU/hr)	EWT (°F)	LWT (°F)	(gpm)	(°F)	(°F)	(cfm)	(SF)	F Value	T1	T2	Tlm	(BTU/hr-ft2-°F)
7			88.9	123	93		46000	105	0.7343		3	3.52141	1458.9
8			89.3	120	93		50000	116.25	0.7343	3.7	3.4	3.54789	1441.5
9	282006	83.1	88.9	101	93	85.7	35000	79.15	0.7343	4.1	2.6	3.29326	1473.4
10	349630		89.2	110	93		42000	95.81	0.7343		3	3.38426	1468.5
11	418942		89.5	121	93		50000	116.25	0.7343		3.2	3.34776	1466.0
12	248095	Н	88.6	95	93		30000	70	0.7343		2.4	3.29959	1462.8
13	248095		88.6	95	93		30000	70	0.7343	4.4	2.4	3.29959	1462.8
14	161346		87.6	96	93	87.6	20000	48.75	0.7343		3.5	4.38156	1028.7

File:Heat Recovery Coil Performance Calculations Pre Heating eNTU method.EES 4/3/2012 10:05:02 PM Page 1 EES Ver. 8.936: #1610: For use by students and faculty in Architectural Engineering, Penn State University

Heat Recovery Coil Performance Calculations

//To determine the exiting air and water temp as well as heat transfer rate

Reference Information:

Heat Transfer by Gregory Nellis and Sanforn Klein

http://www.cambridge.org/us/engineering/author/nellisandklein/downloads/examples/EXAMPLE_{8,3}-1.pdf

Conditions

//Many of these will be coded out and supplied by a parametric table to calculate for each AHU

//Original entries are for AHU 7

Precooling

Cold: air Hot: water

$$\dot{V}_{H}$$
 = 123 [gal/min] \cdot 0.1337 \cdot $\frac{ft^{3}}{gal}$ | Volumetric Flow rate of Water

$$\rho_H = \rho$$
 ['Water', T=T_{H,in}, P=p] Water Density as defined by EES tables

$$\dot{\mathbf{m}}_{H} = \rho_{H} \cdot \dot{\mathbf{V}}_{H} \cdot \left[60 \cdot \frac{\text{min}}{\text{hr}} \right]$$
 Water mass flow rate

$$\rho_{C} = \rho ['Air', T = T_{C,in}, P = p]$$
 Air Density

$$\dot{m}_{C} = \rho_{C} \cdot \dot{V}_{C} \cdot \left[60 \cdot \frac{min}{hr} \right]$$
 Air mass flow rate

//Must guess outlet temperatures to be able to calculate specific heat capacities. These values will be commented out once evaluated once

//Based on a precooling delta T estimate of 7 degrees F for water and 8 degrees F for air

$$c_H = Cp \left[\text{'Water'}, T = \frac{T_{H,in} + T_{H,out}}{2}, P = p \right]$$
 Specific Heat Capacity of Water

$$c_{\text{C}} = \mathbf{Cp} \begin{bmatrix} 'Air', T = \frac{T_{\text{C,in}} + T_{\text{C,out}}}{2} \end{bmatrix}$$
 Specific heat capacity of Air

$$\dot{C}_H = \dot{m}_H \cdot c_H$$

$$\dot{\mathbf{C}}_{C} = \dot{\mathbf{m}}_{C} \cdot \mathbf{c}_{C}$$

$$\mathring{C}_{min} = Min [\mathring{C}_{C}, \mathring{C}_{H}]$$
 min capacitance rate

$$\mathring{\mathbf{C}}_{\text{max}} = \mathbf{Max} \left[\mathring{\mathbf{C}}_{\text{C}}, \mathring{\mathbf{C}}_{\text{H}} \right]$$
 max capacitance rate

$$NTU = \frac{U \cdot A}{C_{min}} \quad number of transfer units$$

$$\epsilon$$
 = HX['crossflow_{both,unmixed}' , NTU, $\mathring{\mathbf{C}}_{\text{C}}$, $\mathring{\mathbf{C}}_{\text{H}}$, 'epsilon'] Access effectiveness-NTU solution

$$\dot{q}_{max} = \dot{C}_{min} \cdot [T_{H,in} - T_{C,in}]$$
 Max possible heat transfer rate

$$T_{C,out} = T_{C,in} + \frac{\dot{q}}{\dot{C}_C}$$
 Air exit temp

$$T_{H,out} = T_{H,in} - \frac{\dot{q}}{\dot{C}_H}$$
 Water exit temp

$$\Delta T_H = T_{H,in} - T_{H,out}$$

$$L_{HX} = \frac{\overset{\bullet}{q} \cdot 1.33}{56.4 - T_{H,out}}$$

$$FT_{BTU} = \frac{L_{HX}}{q}$$

Parametric ⁻	Table: Tabl						
	$T_{H,in}$	L _{HX}	FT _{BTU}	T _{H,out}	ΔT_{H}	q	T _{C,out}
<u> </u>	[F]			[F]		[BTU/hr]	[F]
Run 1	20	6088	0.03055	12.87	7.133	199279.0	14.57
Run 2	22	7527	0.03085	13.29	8.707	243972.3	15.38
Run 3	24	9001	0.03117	13.72	10.28	288819.3	16.18
Run 4	26	10511	0.03149	14.16	11.84	333822.5	16.99
Run 5	28	12059	0.03182	14.6	13.4	378984.5	17.8
Run 6	30	13646	0.03216	15.04	14.96	424308.3	18.61
Run 7	32	16263	0.03306	16.17	15.83	491930.8	19.82
Run 8	34	18080	0.0335	16.69	17.31	539763.9	20.68
Run 9	36	19954	0.03395	17.22	18.78	587773.6	21.54
Run 10	38	21888	0.03442	17.76	20.24	635962.1	22.41
Run 11	40	23888	0.03491	18.3	21.7	684332.1	23.27
Run 12	42	25955	0.03541	18.85	23.15	732886.4	24.14
Run 13	44	28095	0.03594	19.4	24.6	781628.3	25.02
Run 14	46	51130	0.04846	28.95	17.05	1055172.8	29.92
Run 15	48	56106	0.05031	29.97	18.03	1115134.7	31
Run 16	50	61479	0.05232	30.98	19.02	1175098.2	32.07
Run 17	52	67298	0.05449	31.99	20.01	1235061.7	33.15
Run 18	54	73621	0.05685	33	21	1295029.7	34.22
Run 19	56	80518	0.05942	34.02	21.98	1355000.2	35.3
Run 20	58	88068	0.06224	35.03	22.97	1414973.6	36.37
Run 21	60	96371	0.06534	36.04	23.96	1474947.6	37.45
Run 22	62	105544	0.06876	37.06	24.94	1534922.8	38.52
Run 23	64	115731	0.07256	38.07	25.93	1594901.3	39.6
Run 24	66	127110	0.07681	39.08	26.92	1654876.1	40.67
Run 25	68	139904	0.08158	40.1	27.9	1714851.3	41.75
Run 26	70	154391	0.08699	41.11	28.89	1774821.9	42.82
Run 27	72	170932	0.09316	42.12	29.88	1834790.0	43.9
Run 28	74 76	189995	0.1003	43.14	30.86	1894751.4	44.97
Run 29	76	212204	0.1086	44.15 45.16	31.85	1954705.5	46.05
Run 30 Run 31	78 80	238406 269781	0.1183 0.13	46.17	32.84 33.83	2014650.7 2074586.2	47.12 48.2
Run 32	82	308028	0.1443	47.18	34.82	2134509.9	49.27
Run 33	84	355677	0.1621	48.19	35.81	2194421.3	50.35
Run 34	86	416673	0.1848	49.2	36.8	2254316.6	51.42
Run 35	88	497547	0.215	50.21	37.79	2314199.6	52.49
Run 36	90	609864	0.2569	51.22	38.78	2374061.6	53.57
Run 37	92	776417	0.319	52.23	39.77	2433907.9	54.64
Run 38	94	1.049E+06	0.4206	53.24	40.76	2493735.3	55.71
Run 39	96	1.576E+06	0.6171	54.24	41.76	2553542.0	56.78
Run 40	98	3.023E+06	1.157	55.25	42.75	2613327.0	57.85
Run 41	100	2.455E+07	9.184	56.26	43.74	2673089.5	58.92
Run 42	102	-4.230E+06	-1.548	57.26	44.74	2732830.4	60
Run 43	104	-1.994E+06	-0.7142	58.26	45.74	2792546.9	61.07
Run 44	106	-1.324E+06	-0.4643	59.26	46.74	2852238.7	62.14
Run 45	108	-1.001E+06	-0.3441	60.27	47.73	2911904.4	63.2
Run 46	110	-812284	-0.2734	61.27	48.73	2971546.6	64.27
Run 47	112	-687423	-0.2268	62.26	49.74	3031161.7	65.34
Run 48	114	-599002	-0.1938	63.26	50.74	3090748.5	66.41
Run 49	116	-533106	-0.1692	64.26	51.74	3150306.0	67.48
Run 50	118	-482094	-0.1502	65.26	52.74	3209838.1	68.54
Run 51	120	-441439	-0.135	66.25	53.75	3269343.1	69.61
Run 52	122	-408283	-0.1227	67.24	54.76	3328818.4	70.67
Run 53	124	-380727	-0.1124	68.24	55.76	3388264.2	71.74
Run 54	126	-357461	-0.1037	69.23	56.77	3447682.7	72.8
Run 55	128	-337559	-0.09625	70.22	57.78	3507070.4	73.87
Run 56	130	-320339	-0.08982	71.21	58.79	3566432.2	74.93
Run 57	132	-305298	-0.0842	72.2	59.8	3625759.2	75.99
Run 58	134	-292044	-0.07925	73.18	60.82	3685061.0	77.06
Run 59	136	-280279	-0.07485	74.17	61.83	3744329.9	78.12
Run 60	138	-269765	-0.07092	75.15	62.85	3803570.6	79.18

Appendix J

GHX Electrical Cost Calculations

GHA Electrical Cost Calculations
WINTER Heating Energy Consumption. 20 HP Centrifugal Pump 14.92 Km × 5,243 hrs = 78,225.52 40 HP Centrifugal Pump 29.84 Km × 5243 hrs = 156,451.12
Annual Electristy Costs. 20 HP pup (78, 225.52)(0.0263) = 2,057.33 40 HP pup (156, 451.12)(.0263) = 84,114.66
Annual Peak charges Assume heating Peak is the demand for all repripment and that it any approaches for the 9 off peak season mentus. 14.92 + 29.84 = 44.76 Km (44.76 Km) (89.152/Km) = \$409.64 (8409.64) (9 montus) = \$3,686.79
Total electric cost = 2,057.33 + 4,114.66 + 3,686.79 = \$9,858.78

GSHP Electrical Cost Data

V	
	Summer Cooling Energy Comsumption.
	Heat Pump 14.26 Km × 983 hrs = 14,017,58 Kmh
	20 HP centrifugal pump 14,92Km x 983 hrs = 14,666.36 Kmh
	40 HP centrifugal Purp 29.84 Kw x 983 hrs = 29,332.72 Kwh
	Annual Executively Costs.
	HP (14,017.58) (13) × (0.0263) = 4,792.61
	20 HP pup (14,666,36) x (.0263) = 5385,73
	40 HP Rup (29, 332.72) x (.0263) = \$771,45
	Amod Peck Charges. Assure Cooling peak is the demand for our the equipment and that it only apprectes in the 3 summer manths.
	(14,26) (13) + 14,92 + 29,84 = 230,14 Kw
	(230,14 Km) (16.556/Km) = 3, 810,20
	(53,810,20) (3 months) = $[1,430,60]$
	Total electric Cost = 4,79261+385,73+771,45+11430,60
	$=$ $^{8}20,080.39$

Appendix K

GSHP Cost Estimate Details

Cost Estimate for GSHP and GHX Alternative: Pluming and Electrical													
Item	Units	ОТУ	Price/unit with Labor, Overhead and Profit	Total Cost									
Carrier 50 PSW 360 Heat Pump	Each	13	\$33,100	\$430,300									
15 Gallon Expansion Tank	Each	1	\$683	\$683									
40 Gallon Expansion Tank	Each	2	\$915	\$1,830									
Bell and Gossett Series 1510 5G Pump*	Each	2	\$10,613	\$21,226									
Bell and Gossett Series 1510 5BC Pump*	Each	2	\$4,516	\$9,032									
8" Globe Valve	Each	2	\$6,000	\$12,000									
4" Globe Valve	Each	16	\$2,225	\$35,600									
2" Globe Valve	Each	26	\$1,075	\$27,950									
8" Steel Pipe	LF	1072	\$166	\$177,952									
4" Steel Pipe	LF	320	\$74	\$23,680									
2" Steel Pipe	LF	130	\$41	\$5,330									
8" Globe Valve	Each	2	\$6,000	\$12,000									
8" Schedule 40 Plastic Pipe	LF	1556	\$77	\$119,812									
6" Schedule 40 Plastic Pipe	LF	210	\$57	\$11,970									
5" Schedule 40 Plastic Pipe	LF	60	\$48	\$2,880									
4" Schedule 40 Plastic Pipe	LF	150	\$40	\$6,000									
3" Shcedule 40 Plastic Pipe	LF	5100	\$34	\$173,400									
2-1/2" Schedule 40 Plastic Pipe	LF	5100	\$31	\$158,100									
2" Schedule 40 Plastic Pipe	LF	2550	\$27	\$68,850									
Drill, plumb, grout Bore Wholes	LF	333300	\$15	\$4,999,500									
800 Amp automatic Transfer Switch	Each	1	\$5,500	\$5,500									
800 Amp Nema 1 Panel Board **	Each	1	\$1,500	\$1,500									
2 sets (4 - 500 kcmil)	CLF	33.6	\$1,625	\$54,600									

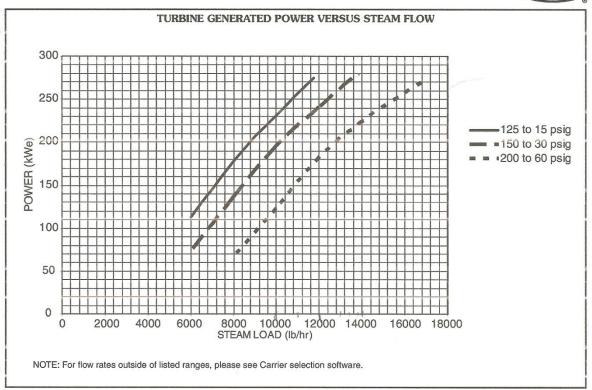
Total Cost	\$6,359,695
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$\begin{array}{c} Appendix\ L \\ \text{Microsteam Turbine Selection and Performance Data} \end{array}$

	Microsteam Turbine Selection and Performance Data
	Selecting Microstrom Turbue.
	PRVI stage 1
	41, 400 16/hr 150 ps, - 70 ps,
	Tep: 365.87 F
	Stage 2
	41, 400 lb/hr 70 psi - 15ps,
	Tap 365.87°F
	can get 3 units. who 13 soo 16/hr.
	to get 275 KW Each
	275 (3) = 825 KW
# 1	Basevent so no structual concerns.
	PRV 3 - maybe not replace because. and need to look of structual. 520. 15/5F.
	Typical Moor only designed for 150 16/5F
	* Basement designed br 275 16/5F but easy to vestructure who raised slab and reinforcement.
	to restructure with raised slab and

Performance data





TURBINE PERFORMANCE

				AM PRESSUR	JRE						
INLET STEAM	INLET STEAM	SUPERHEAT	15	psig	30	psig	60	psig			
PRESSURE (PSIG)	TEMPERATURE (F)	(F)	Steam Required (lb/hr)	kWe Generated	Steam Required (lb/hr)	kWe Generated	Steam Required (lb/hr)	kWe Generated			
	353.2	0.0	12,828	275	13,502	241	13,972	118			
125	400.0	46.8	11,021	275	13,063	249	13,550	122			
125	450.0	96.8	10,294	275	12,587	257	13,091	126			
	500.0	146.8	9,608	275	12,108	265	12,626	130			
	366.3	0.0	11,150	275	13,532	275	16,212	154			
150	400.0	33.7	10,661	275	12,942	275	15,856	193			
150	450.0	83.7	9,967	275	12,106	275	15,319	199			
	500.0	133.7	9,312	275	11,315	275	14,773	206			
	387.9	0.0	10,779	275	12,041	275	16,759	275			
000	400.0	12.1	10,618	275	11,866	275	16,502	275			
200	450.0	62.1	9,973	275	11,166	275	15,470	kWe Generated 118 122 126 130 154 193 199 206 275			
	500.0	112.1	9,364	275	10,506	275	14,490	275			

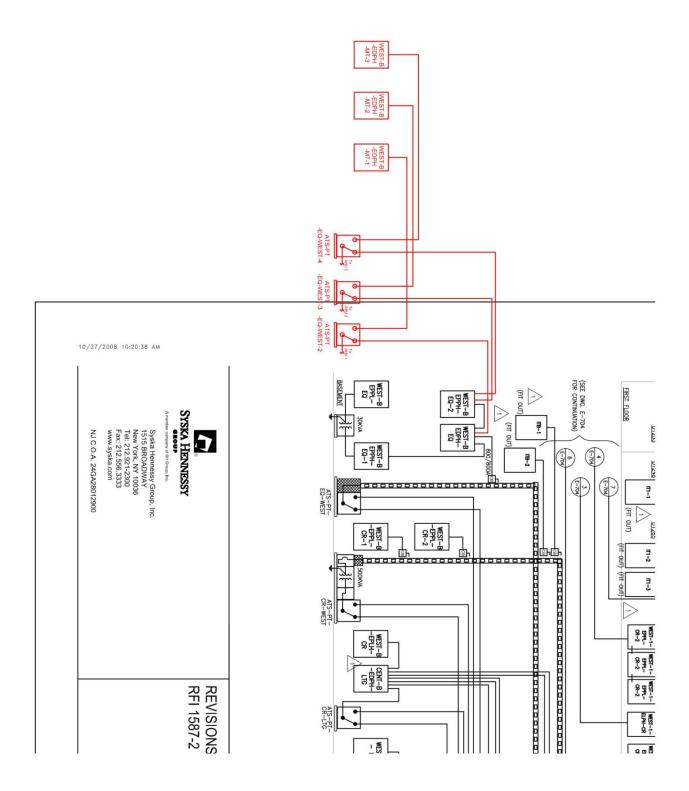
NOTE: Super-heated steam has a temperature higher than the evaporating temperature at a given pressure. For example, steam at 100 psig has a evaporating or saturation temperature of 337.9 F (170 C). A superheat of 50° F (27.8° C) means that the steam temperature is 50° F (27.8° C) above the saturation temperature or $337.9 + 50 = 387.9^\circ$ F (197.8° C).

Appendix M

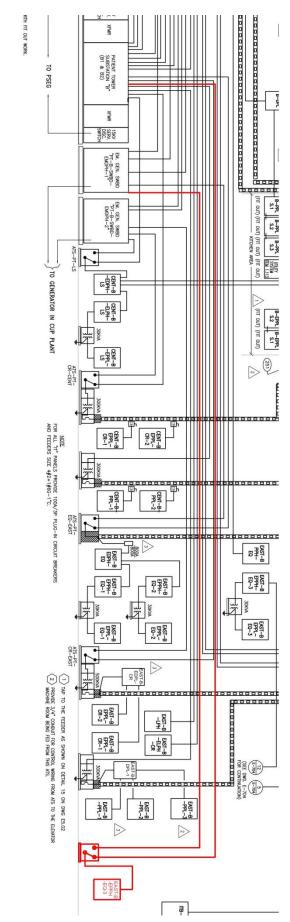
GSHP Panel Board Schedule

		AMPS	FKAIVIE		=	_	DOLEC
					[
INCOMING SECTION MAIN C/B			800	800	ω		2 sets (3#500kcmil +1/0G - 3 1/2"C)
1 HP-1	- 35	5 42	100	60	3		3#6 + 1#10G - 3/4"C
2 HP-2	- 39		100	60	3		3#6 + 1#10G - 3/4"C
	- 35	5 42	100	60	ω		3#6 + 1#10G - 3/4"C
4 HP-4	- 39		100	60	3		3#6 + 1#10G - 3/4"C
5 HP-5	- 39		100	60	3		3#6 + 1#10G - 3/4"C
6 HP-6	- 39		100	60	ω		3#6 + 1#10G - 3/4"C
7 HP-7	- 35	5 42	100	60	3		3#6 + 1#10G - 3/4"C
8 HP-8	- 3:		100	60	3		3#6 + 1#10G - 3/4"C
9 HP-9	- 3:		100	60	3		3#6 + 1#10G - 3/4"C
10 HP-10	- 35	5 42	100	60	3		3#6 + 1#10G - 3/4"C
11 HP-11	- 35		100	60	з		3#6 + 1#10G - 3/4"C
12 HP-12	- 3:	5 42	100	60	з		3#6 + 1#10G - 3/4"C
			100	60	3		3#6 + 1#10G - 3/4"C
14 HPP-1	20 23		225	50	3		3#8 + 1#10G - 3/4"C
15 HPP-2 (Standby)	20 23	3 27	225	50	3		3#8 + 1#10G - 3/4"C
GHXP-1	40 44		225	125	3		3#8 + 1#6G - 3/4"C
17 GHXP-2 (Standby)	40 44	4 52	225	125	3		3#8 + 1#6G - 3/4"C
18 Spare	1						
19 Spare	Ĩ						
ı	ř.	î					
21 Spare	Ē.	î					
22 Spare							
	-	-					
24 Spare	5						
25 Spare	1						
	1	7					
27 Spare							
28 Spare		-					
29 Spare	-						
30 Spare							
	1						
32 Spare	-						
33 Spare	, ,						
	1						
35 Spare		ı					
ш							

Microsteam Turbine Riser Drawing E7.05

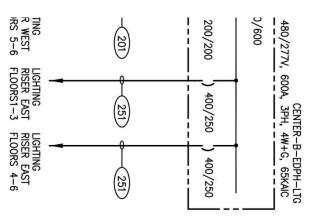


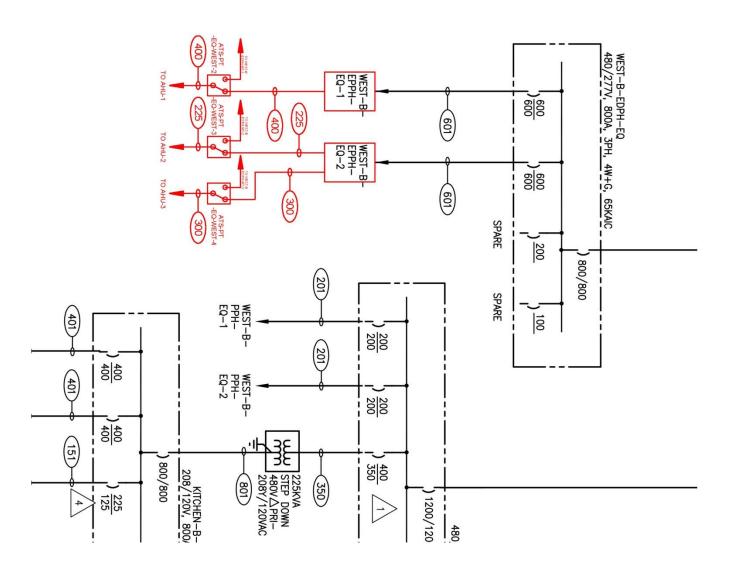
GSHP Panel Board Riser Drawing E7.05



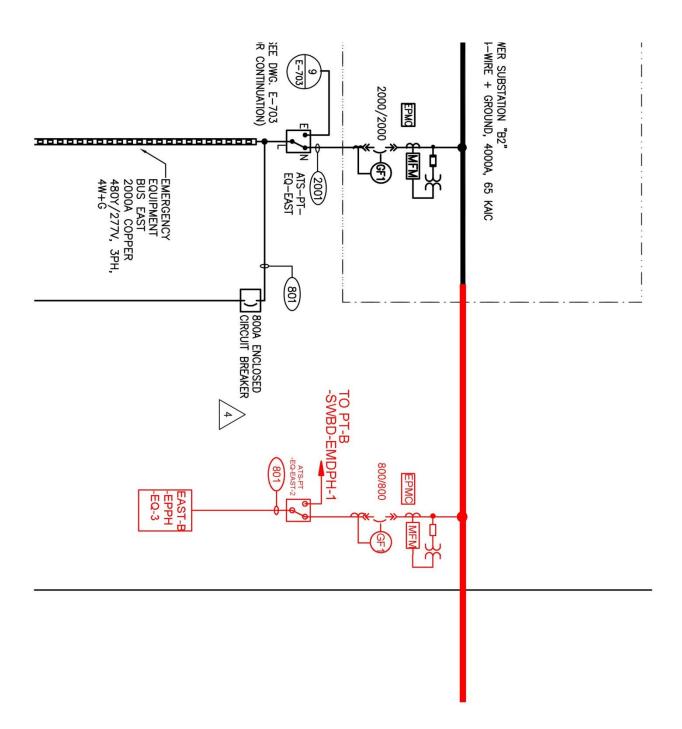
Mircosteam Turbine Single Line Drawing E7.02



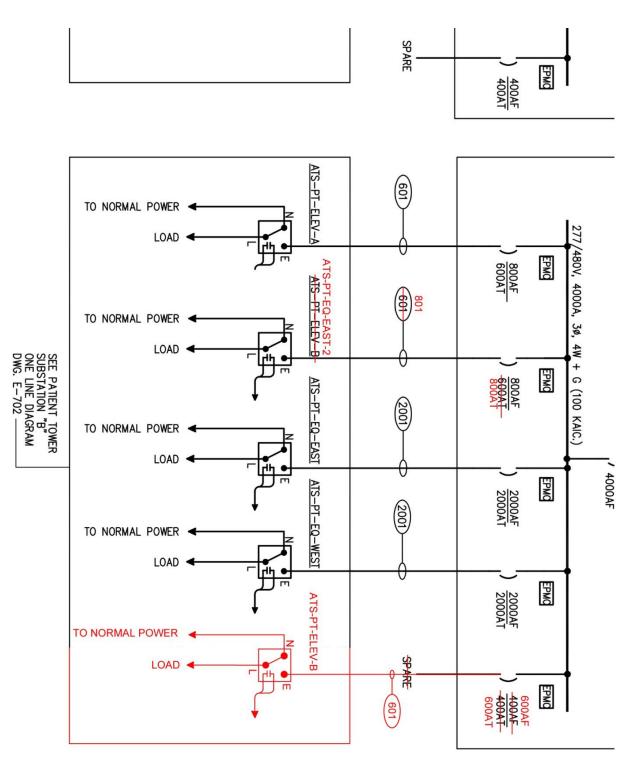




GSHP Single Line Drawing E5.02



GSHP Emergency Power Single Line Drawing E7.03



Appendix N

Matlab Export to Excel

					,						
File Name	31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 KHz	8 KHz	A-Weight	C-Weight
1-001 T.2022.wav	61.9	59.3	58.2	56.3	55.5	46.7	40	37.6	34	54.9	64.6
2-001 T.2112.wav	50.6	52.5	55.6	52.9	47	39.8	38.4	36.9	32.3	49	59.4
2-002 T.3111.wav	48.9	54.3	58.7	58.3	51.1	42.2	36	34.9	30.6	52.4	62.4
2-003 T.3135.wav	48.9	46	49.8	46.7	42.2	39.5	37.7	32.8	25.9	45.3	53.8
2-004 T.3208.wav	44.6	41.6	41.3	44.1	36.9	35.6	34.2	27.1	26.5	41.4	49.3
2-005 T.4158.wav	45.6	45.5	47.9	45.5	40.1	37.9	34.7	29.7	26.3	43.2	52.4
2-006 T.4212.wav	45.4	41.7	43.7	40.3	36.7	32.2	30.6	29.4	28.8	39.4	48.6
2-007 T.5108.wav	44.3	43.2	42.3	44.4	43.8	37.9	32.4	31	28.9	43.8	50.7
2-008 T.5156.wav	45.5	44	43.8	42.3	39.1	35.3	33.2	30.6	28.1	41.5	50.5
2-009 T.6210.wav	46.2	46	46.3	43	37.7	31.6	26.7	24.4	23.7	39.2	52.5
2-010 T.6104.wav	46.2	42.4	42	39.6	35.5	33.5	27.2	24.7	23.8	38.1	48.2
cal test 2.wav	12.1	12.1	16.2	29.8	52.8	73.9	59.4	64.9	59.6	74.8	74.4
cal test.wav	-8.2	-7.7	-3.7	9.6	32.6	53.8	35.8	25.6	11.8	53.9	53.8

T_{60} Calculation Excel Spreadsheet for Room T.3111

								Volume 1 2073.75 Volume 2	Volumes		People	Glass Regular Window 101.2	Misc Purplication 403	Door	GWB	Floor 2	Linoleum Floor	2x2 Tile	Ceiling 1 GWB 91.4	Description Surface Area	Areas	
												-		-1	483.73			_			_	
											People	Glass	Misc	Wall 2	Wall 1	Floor 2	Floor 1	Ceiling 2	Ceiling 1	a=Sα		
	A wighting dB A	Compliant	NC-45	New dB level with DuPont Panels	Original dB level 2-002 T.3111.wav	$NR = 10 \log (a2/a1)$	Original absorption (a1) New absorption (a2)		Reverberation time T=.05(V/a)	Totala	Audience seated in uphosistered seats	Glass heavy	Fabric well upholstered seats with perfora	Wood, 1/4-in peneling, with airspace beh	G.W.B 2 X 5/8 inch	Carpet, Indoor-Outdoor	Linoleum, Rubber or asphalt tile on conci	A.T.C	G.W.B 5/8 inch	Select Material		
	-15 44	Yes	60	59	58.70	-0.54	329.88 291.24		0.36	291.24	0.00	18.22	0.00	10.78	0.20	0.00	4.74	110.43	50.27	125 Hz	Re	
4	-8 46	No	54	54	58.30	3.95	224.55 557.82		0.19	557.82	0.00	6.07	0.00	5.39	0.09	0.00	7.11	135.13	12.80	250 Hz	Reverberation Time	
45	-3 42	Yes	49	45	51.10	5.68	190.01 701.99		0.15	701.99	0.00	4.05	0.00	2.57	0.07	0.00	7.11	120.60	7.31	500 Hz	Time	
	0 37	Yes	46	37	42.20	5.37	193.56 666.90		0.16	666.90	0.00	3.04	0.00	2.05	0.05	0.00	7.11	143.85	3.66	1000 Hz		
	33 1	Yes	4	32	36.00	4.16	228.37 595.45		0.17	595.45	0.00	2.02	0.00	1.54	0.09	0.00	7.11	143.85	10.97	2000 Hz		
	32 -1	Yes	43	31	34.90	3.91	198.48 488.28		0.21	488.28	0.00	2.02	0.00	1.54	0.07	0.00	4.74	136.58	10.05	4000 Hz		
	3 · ¹	Yes	42	31	30.60	0.00	0.00		#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8000 Hz		
									#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16000 Hz		

visit our website at www.acoustics.dupont.com

panels with DuPont" Tyvek" facing, call 800.448.9835 or For more information about new DuPont" AudioComfort"

The miracles of science

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Tests were conducted by an independent laboratory to evaluate the acoustic performance of DuPont" AudioComfort" panels. As

Provides proven performance—in the lab and in hospitals

DuPont AudioComfort Panel Brochure

Figure 1. Sound Absorption Coefficients Table I. Acoustic Performance of DuPont" AudioComfort" Panels per ASTM C423-08a, specimen mounting A* shown in Table I, AudioComfort" panels provide excellent sound absorption across a range of frequencies, including low frequencies 0.20 Absorption Coefficient at Frequency, Hz

4000 Hz 0.69

NRC

SAA 0.96

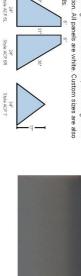
Absorption Coemician. 100 125 200 250 315 400 500 630 800 1000 1250 1600 2000 2500 3150 4000 5000 8310 8000 Frequency. Hz

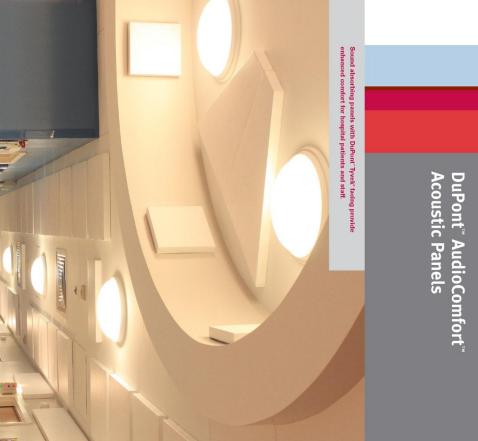
frequencies ranging from 400 hertz to 20000 hertz (reverberation time RT80) was measured in the same hospital ward before and after installation of the AudioComfort" panels. As shown in Figure 2, there was an average 46% sound absorption improvement in the voice frequency range (between 400 hertz and 3150 hertz) after installation of the AudioComfort" panels. Independent acoustic tests were also conducted in a hospital. The elapsed time (in seconds) to achieve a drop of 60 decibels at

Figure 2. Acoustic Performance Before and After Installation of DuPont" AudioComfort" Panels in a Hospital Ward

AudioComfort* panels are available in a variety of sizes and shapes* to meet a wide range of installation needs, from fitting around existing fixtures for retrofit projects to meeting the design needs for new construction. All panels are white. Custom sizes are also available by special order. Contact us at 800.448.8835 to discuss your specific needs.

vailable in a variety of sizes and shapes 630









absorption, cleanability, and high light reflectance.

sound control solution for today's hospitals and healthcare facilities. AudioComfort" panels combine excellent sound New DuPont' AudioComfort" panels with DuPont' Tyvek' facing provide facility managers and architects with a superio

The glass fiber wool interior of an AudioComfort" panel is

and are easily retrofitted within existing interior spaces.

AudioComfort panels provide the only solution that can be to operate. They can also be specified for new construction as installed in most restricted hospital areas while they continue AudioComfort" panels come in a variety of sizes and shapes.

cleanliness are required Ideal for locations where noise management and

requirements, but do not absorb sound energy well. and disinfecting allow facilities to meet strict cleanliness Generally, the solid surfaces designed for regular cleaning for surface cleanliness to control the spread of infections. Hospitals and healthcare facilities have strict requirements

such as painted drywall. in existing facilities that have hard ceiling and wall surfaces, of mold. They are particularly well suited for retrofit solutions cleanable surface and interior that do not promote the growth absorption and provide users with an aesthetically pleasing, AudioComfort" panels with Tyvek® facing offer excellent sound

is noncompliant with HIPAA guidelines. These areas include nurse stations, patient rooms, surgical suites, intensive care and neonatal units, hallways, and common areas. interferes with patient comfort, impedes staff performance or AudioComfort" panels are ideal for locations where noise

not support the growth of microorganisms. acoustical material. Unlike other panel materials, Tyvek* does sound absorption of human voice frequency ranges within the glass fiber wool and clean environment, it also facilitates the membrane that not only provides a safe barrier between the completely encapsulated with Tyvek°. Tyvek° is a functional

a supplemental sound absorbing system.

Meets most current hospital design standards

Guide for Health Care and LEED® for Healthcare (in draft). for two LEED* "Environmental Quality" credits by the Greer Facilities, and Sound & Vibration for Health Care Facilities Guidelines for Design and Construction of Health Care NICUs, which were adopted as the sole reference standard January 1, 2010, Version 2.0, including New Guidelines for AudioComfort" panels can help meet HIPAA, 2010 FGI-ASHE

approximately 3 lb/ft³.

a 2"-thick glass fiber wool panel completely encapsulated

AudioComfort" panels feature a unique combination of

superior benefits facility managers look for, including: AudioComfort" with DuPont" Tyvek" facing delivers

- cleanability: water and stain resistance excellent sound absorption without space needed for drop
- mold growth lint and loose fiber-free surface does not support
- lightweight solution engineered for easy installation in most
- high diffuse light reflectance (>0.89 in average) a minimum of 25% recycled glass content of which 20% is restricted areas without disrupting normal operating activities
- outer covering that is highly resistant to particle penetration

post-consumer recycled glass

- meets Class A flammability ratings (ASTM E84) and is fully recyclable
- most spaces available in a variety of sizes and shapes to accommodate
- can be installed in new or existing buildings

punctured or damaged. in elevators. Panels should be replaced if the Tyvek® cover is in high-abuse areas, such as walls below shoulder level or desired surface. The panels are not designed for installation taken to ensure that each panel is securely attached to the be suspended using eye hooks and cable. Care must be Velcro* tape, and mechanical or impaling clips. They can also to install. They can be mounted on walls, ceilings or room partitions using a variety of means, including adhesives, AudioComfort" panels are non-linting, lightweight, and easy

barrier made by a flash spun process with a typical pore size between 2 and 15 microns. Tyvek* has 76% penetration velocity of 0.248 cm/second Tyvek* facing
Tyvek* is a high-density polyethylene (HDPE) microporous esistance for particles greater than 0.1 micron at a face