

## Monthly Simulation Results for Gym System

Project Name: Mech Breadth1  
Prepared by: psuae

### Air System Simulation Results (Table 1):

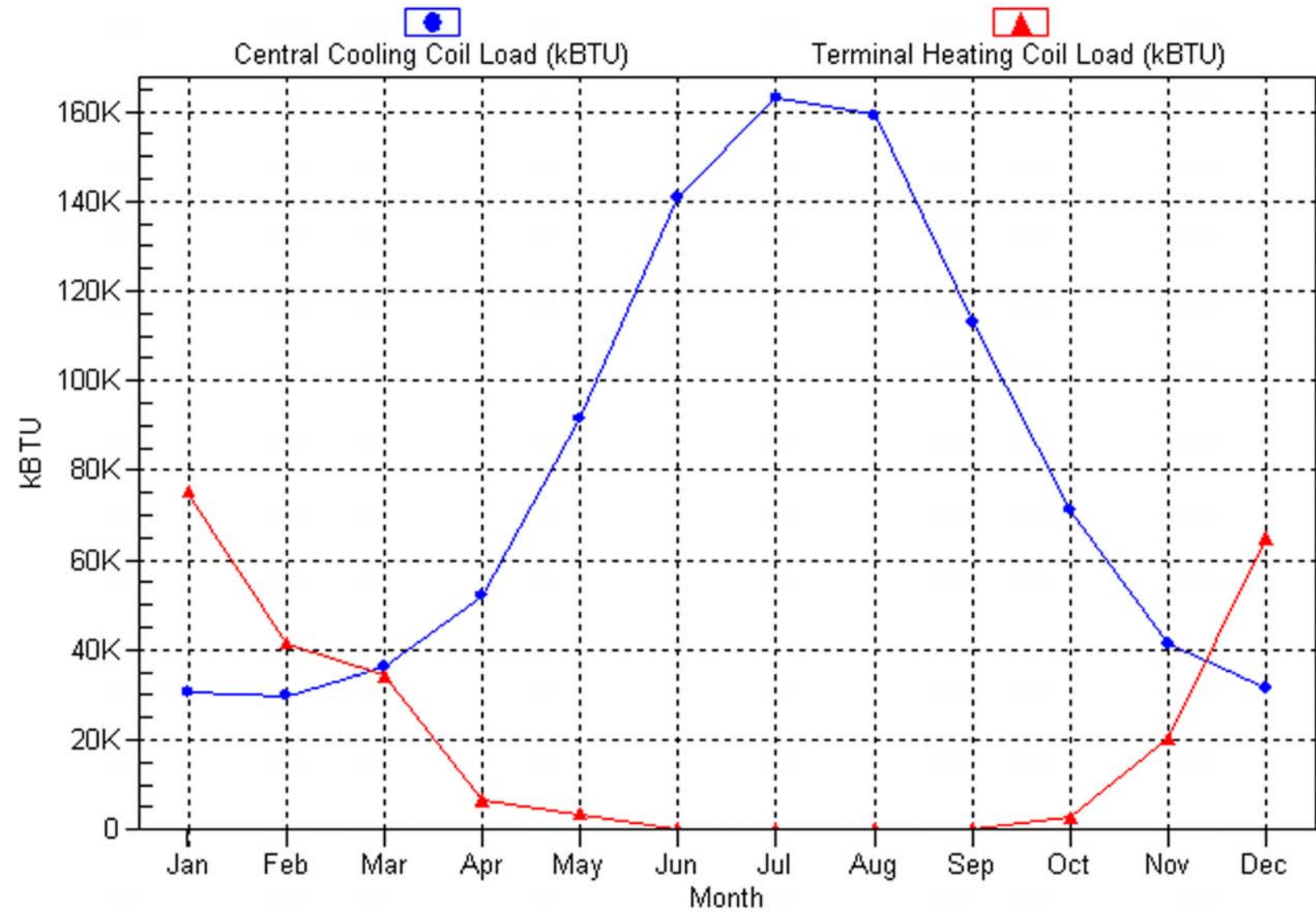
Month	Preheat Coil Load (kBTU)	Central Cooling Coil Load (kBTU)	Terminal Heating Coil Load (kBTU)	Supply Fan (kWh)	Lighting (kWh)	Electric Equipment (kWh)
January	0	30601	75301	0	13135	0
February	0	29899	41474	0	11863	0
March	0	36306	34157	0	13135	0
April	0	52151	6723	0	12711	0
May	0	91620	3506	0	13135	0
June	0	140814	0	0	12711	0
July	0	162987	0	0	13135	0
August	0	159149	0	0	13135	0
September	0	113137	0	0	12711	0
October	0	71131	2633	0	13135	0
November	0	41372	20293	0	12711	0
December	0	31604	64866	0	13135	0
<b>Total</b>	<b>0</b>	<b>960771</b>	<b>248953</b>	<b>0</b>	<b>154649</b>	<b>0</b>

## Original Load Calculations

# Monthly Simulation Results for Gym System

Project Name: Mech Breadth1  
Prepared by: psuae

04/04/2007  
02:40PM



Original Loads

## Monthly Simulation Results for Gym System

Project Name: Mech Breadth2

Prepared by: psuae

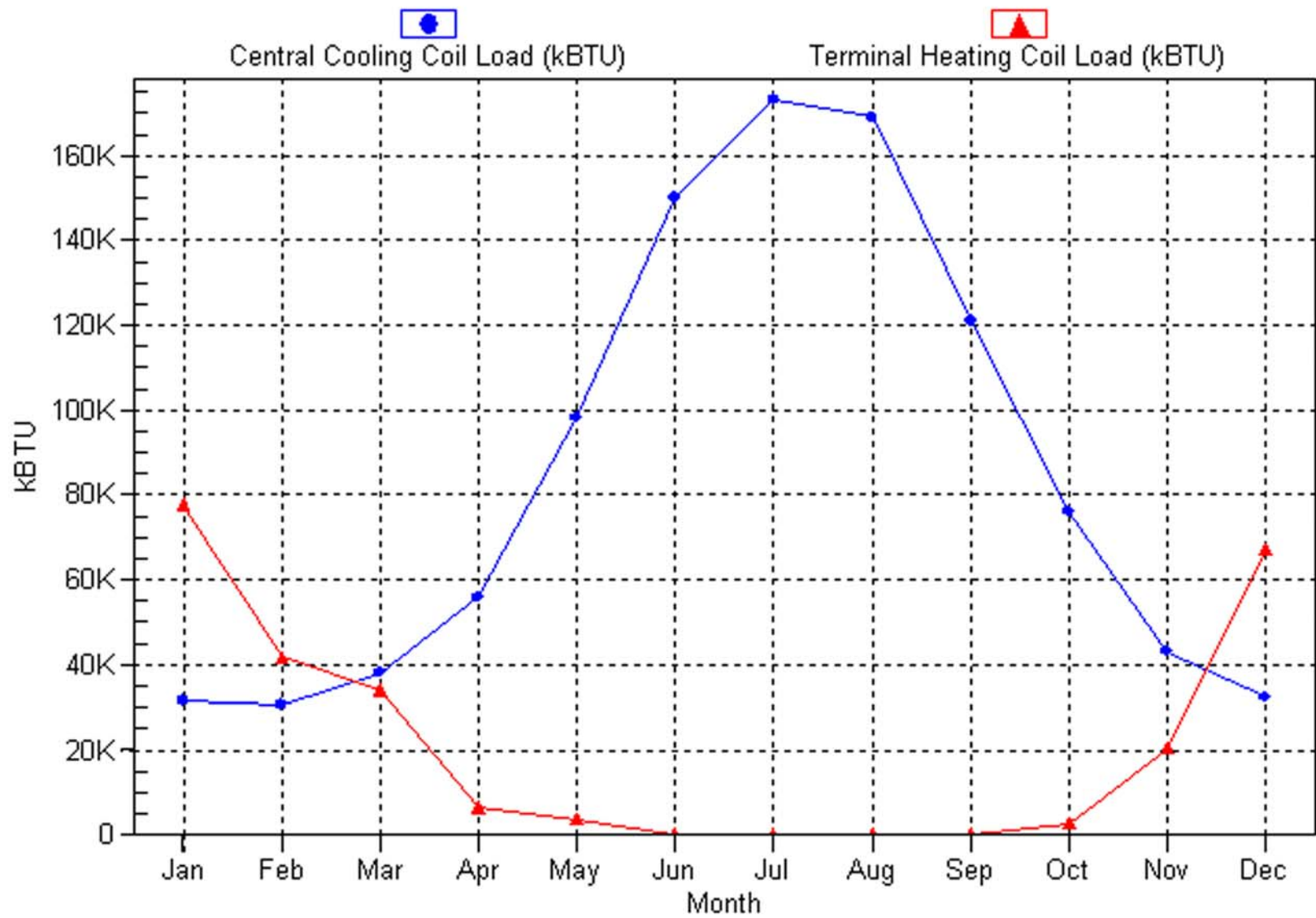
### Air System Simulation Results (Table 1):

Month	Preheat Coil Load (kBTU)	Central Cooling Coil Load (kBTU)	Terminal Heating Coil Load (kBTU)	Supply Fan (kWh)	Lighting (kWh)	Electric Equipment (kWh)
January	0	31412	77882	0	13135	0
February	0	30732	41648	0	11863	0
March	0	38133	34026	0	13135	0
April	0	55963	6482	0	12711	0
May	0	98206	3739	0	13135	0
June	0	150134	0	0	12711	0
July	0	173042	0	0	13135	0
August	0	168971	0	0	13135	0
September	0	120939	0	0	12711	0
October	0	75997	2749	0	13135	0
November	0	43057	20437	0	12711	0
December	0	32356	67155	0	13135	0
<b>Total</b>	<b>0</b>	<b>1018942</b>	<b>254118</b>	<b>0</b>	<b>154649</b>	<b>0</b>

New Load Calculations

# Monthly Simulation Results for Gym System

Project Name: Mech Breadth2  
Prepared by: psuae



New Load Graph