

## **4.0 BREADTH TOPICS**

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### **ELECTRICAL:**

The first breadth issue will be the impact of TES on the electrical system. The use of TES requires more equipment which would lead to the need to reevaluate the electrical system and determine whether additional capacity is required. Also depending on the results from the TES analysis it may be possible to reduce the size of equipment which entail would also reduce the capacity needed on the electrical system.

### **CONSTRUCTION MANAGEMENT:**

The primary goal of using TES is the reduction or elimination of demand cost. The addition of added equipment will certainly add first cost. Therefore, a detailed analysis of the life cycle cost has to be made to determine whether using TES is cost-justified. Then a comparison would be done to compare the cost with and without TES.