

Running Large Motors during Peak

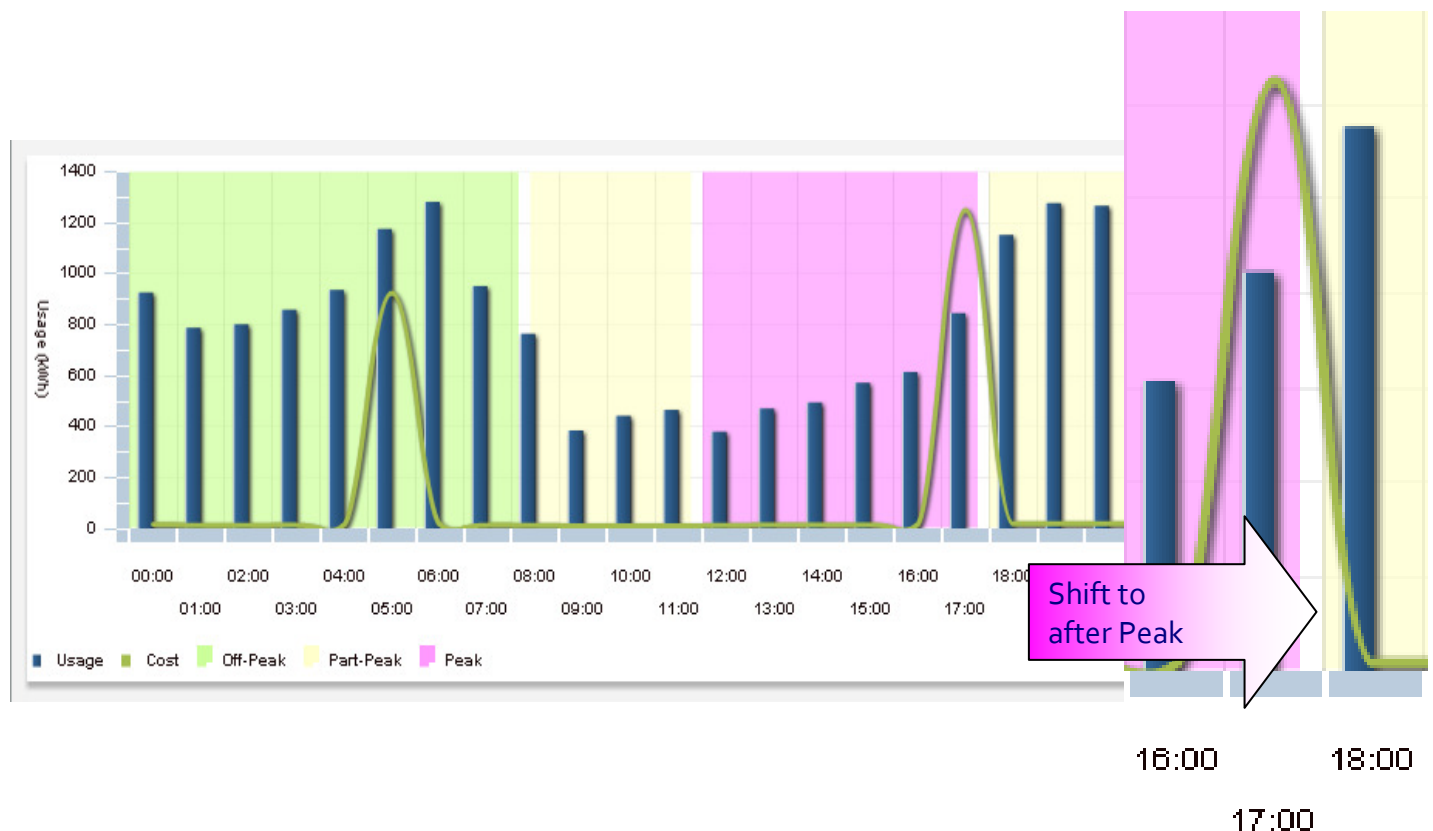
Case

A second compressor was being rotated in for the second shift and was started to maintain high production during a critical production period for this manufacturer. The compressor was started and warmed up at 17:00, the end of the peak Time of Use (TOU) period (see red area). This met the conditions to exceed the maximum demand – summer peak charge.

Lesson

The Production Manager should have started the compressor after 18:00 where the energy use and maximum demand would be subjected to partial peak rates, and a lower TOU and maximum demand charge. The cost difference for starting the compressor during the peak period was about \$4,500.

Be aware of the time of day when large motors are started.



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