

Power Factor Correction



Hillhouse Power Solutions designs and implements projects to correct the facility Power Factor at industrial and large commercial and government facilities, to achieve significant

Power Factor - Pumps, compressors, fans, HVAC, and other facility equipment often suffer from low Power Factor, which can strain power delivery equipment, cause inefficient use of the power, and also result in costly utility charges. Power Factor is a number between 0 and 1, and is measured in percent.

Many electric utilities assess a Power Factor charge if the customer operates below a certain Power Factor level, such as 90%. The facility Metered Demand is measured by the electric meter, and then “power-factor-adjusted” to a larger value, which is the Billed Demand. The Power Factor charge is the difference between the Metered Demand and Billed Demand, multiplied by the Demand Rate. We can design and install a Power Factor Correction project that raises the facility Power Factor above the level where the utility charges are assessed on the electric bill.

Hillhouse Power Solutions can analyze your monthly electric bills, visit the facility to properly design the equipment and installation, and make a turnkey proposal to eliminate monthly Power Factor charges. We provide a written proposal that identifies the monthly charges to be eliminated, the project total cost, and financial analysis to deliver a cost effective project for your facility.

The next step is to contact us today to see if your facility would benefit from a Power Factor Correction project, by phone or at contact@hillhousepower.com.