

Four things SATEC shows a plant operator

Which start sets the peak, what each line costs to run, and whether the utility's number is right. Measured at the service and by process area, not guessed from the bill.

1



Which start sets the peak

PM17x PRO on the service records demand the way the tariff bills it and stamps every event to 1 microsecond, so **the compressor start that landed on the peak is a line in a log**, not an argument.

2



Cost by process area, not by plant

BFM-II meters up to 54 single-phase or 18 three-phase circuits from one DIN-rail unit. Ovens, chillers, compressed air and each line get their own kWh, so **a run has a cost and the off weeks have a number**.

3



Revenue grade, not a panel indicator

PRO Series: a Class 0.2S revenue meter, a Class A Edition 3.1 power quality analyzer and a setpoint controller in one device. **When a bill is disputed, the plant with the data wins.**

4



Goes in without a shutdown

HACS split-core sensors clip on around the conductor and feed the meter directly, **one CT in the chain and no shorting blocks**. The circuits that matter get metered first, on a plant that keeps running.

Accuracy class is a system property

A Class 0.2S meter reading through a 1 percent CT is a 1 percent system. The number on the box only survives if the CT chain lets it.

Demand is set in minutes, paid all month

A demand charge comes from the highest interval average in the billing period. Two starts that overlap once can set it. Seeing which is the first step to moving it.

The data goes somewhere useful

PAS power analysis software ships with every instrument at no charge: configuration, automatic PQ reports, COMTRADE and PQDIF export. ExpertPower, the cloud energy management platform, turns meters across sites into one actionable view.