

DENT Time of Use (TOU)



Smart Submetering for a Changing Energy Landscape

In many regions, utility companies use Time of Use (TOU) tariff schedules to determine energy costs based on when electricity is consumed. Unlike flat-rate billing, TOU pricing varies depending on the time of day, day of the week, and even the season. Higher rates, often called peak periods, typically occur during times of high demand, such as weekday afternoons and early evenings when businesses and homes are using the most electricity. Conversely, off-peak periods feature lower rates, encouraging energy use during times of reduced demand, such as late at night or on weekends. Some utilities also implement shoulder periods—intermediate rates between peak and off-peak—or apply special holiday pricing.

For commercial and industrial customers, these complex tariff structures can have a significant impact on energy costs. Many utilities further adjust rates seasonally, reflecting increased demand in summer or winter months. Understanding these schedules allows businesses to optimize energy usage, shift consumption to lower-cost periods, and better manage operational expenses. The Time of Use (TOU) feature in energy meters enables users to track energy consumption across these varying rate periods, providing valuable data for cost analysis, load shifting strategies, and efficient energy management.

TOU FEATURES:

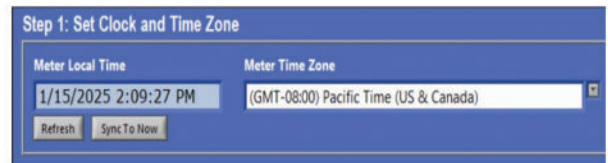
- Easily set up and manage complex tariff schedules using ViewPoint HD
- Save and import tariff setups for easy configuration of multiple meters
- Local Viewing and resetting of:
 - Accumulated kWh for each tariff
 - Peak kW for each tariff (with a timestamp of when it occurred)
 - Timestamp of when values were last reset
 - Ability to reset kWh and kW values
 - Accounts for common holidays

TOU Model Availabilities

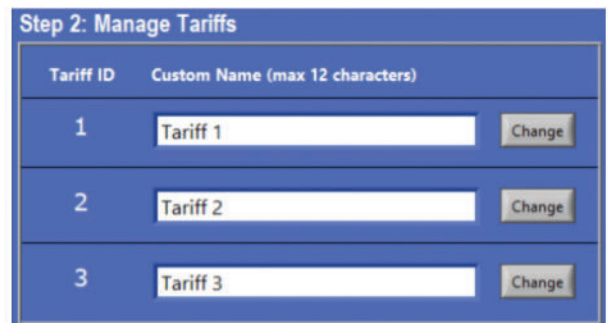
- **PS3HDRDNT** -3 channel meter, DIN Mount, Display, with TOU
- **PS12HDCDNT** -12 channel meter, Wall Mount, Display, with TOU
- **PS12HDPDT** -12 channel meter, Plate Mount, Display, with TOU

EASY 4-STEP SETUP

1. Set Clock and Time Zone



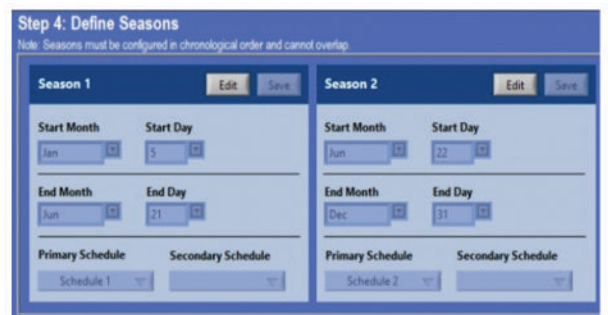
2. Manage Up To 3 Tariffs Schedules



3. Create Up To 6 Different Schedules



4. Define Up To 4 Different Seasons



View Accumulated kWh and Peak kW



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