



In-home energy monitor

Landis+Gyr's ecoMeter offers an affordable in-home display design to inform consumers of their power usage by displaying cost of usage, as well as kWhmetrics. By communicating energy consumption in a way that all residents can understand, the ecoMeter allows consumers to easily track and compare their usage, make smart decisions about their consumption, and lessen their environmental impact through educated conservation. In addition to showing energy usage and rate information, the display provides visual alerts for instant awareness of excessive demand in the home, via a red LED backlight.

Key Benefits

- Calculates and displays the cost of energy consumption
- Easy-to-read with large numbers and LED back-lighting
- Counter-top design allows for placement in high-traffic areas
- Actionable demand alert via LED lights
- Environmental impact displayed with carbon emissions rate
- Educate customers on energy usage to encourage conservation
- Rate transparency supports flexible program offerings such as variable or time-of-use pricing
- Rates are always up-to-date (no need for customer involvement)



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Key Features

Real Time Updates	Synchronizes with smart energy device every 7.5 seconds, allowing for real-time awareness of usage cost and amount.
Data Security	ECC key registration process compliant in conjunction with Smart Energy Profile v1.0.
Automated Usage Info	Usage available in both kWh's and cost in \$'s. Changes to rate settings can be automatic, with over the air updates, requiring no inconvenience on customer side.
Historical Data	Cumulative usage available in rolling increments for "today", "yesterday", last 7 days, and last 28 days.
Visual Alerts	Red, yellow, green LED backlights indicate when demand is significantly higher than normal, above average and normal, respectively.
Multi-Program Support	Display support flat rate and TOU programs. (TOU allows for up to 4 buckets.)
Over-the-Air Updates	For registered devices, adjust rate or pricing plan over-the-air without customer involvement.
Accessibility	Large numbers for consumption allow for visually impaired users.
Other Metrics	Both carbon footprint and temperature are also available.

Specifications

Product Number	5276
Size	4.5"L x 4.5"W x 1"D
Display Size	3 in x 3 in
Range	Approx. 100 feet
Meter Compatibility	Standard kWh electromechanical & solid-state ZigBee-enabled meters certified with the Smart Energy Profile.
Open Communication Standard	Certified against the wireless ZigBee Smart Energy Profile.
AC Powered	AC Power guarantees device is always on. In case of outage, device can recover historical data up to 24 hours to maintain an accurate log of cumulative usage.

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