

# Settlement Information Management System

■ **utilismart™ SETTLEMENT MANAGER** provides the wholesale and retail settlement information required by LDCs, Wholesale Market Participants (WMPs) and retailers in one easy to use and accessible web application. IESO wholesale meter data, HOEP pricing, and retail customer interval meter data are all collected, VEE'd, and presented automatically on a daily basis. ■

Deregulation of the Ontario market has increased the administration requirements for LDCs, Wholesale Market Participants and Retailers. The **utilismart™ SETTLEMENT MANAGER** service, provides a complete solution to ensure that you comply with the regulatory requirements mandated by the Ontario Energy Board. As a participant in Ontario's electricity market, **utilismart™ SETTLEMENT MANAGER** will provide you with a suite of tools to monitor your electricity consumption and costs, including;

- **Calculation and management of NSLS** (net system load shape) based on preliminary statements from the IESO - includes interface for interval meter system to settlement system
- **Calculation of WAHSP** (weighted average hourly spot price) as specified in the Retail Settlement Code in order to bill non-interval metered customers and for settlement requirements

- **Wholesale Meter Consumption verification** independent reading of wholesale metering points
  - Automatic Trading Day Exception Reports to notify of any consumption variances at IESO Delivery Points as of the day after trading
- **Receiving and checking of preliminary statements** to be compared with monthly invoice
- **Calculation of loss factors** for billing and settlement calculations
- **Calculation of energy charges** based on IESO Hourly Pricing for interval metered customers (kWh x HOEP) and non-interval metered customers (kWh x WAHSP)
- **Tracking mechanism** to calculate charges for embedded wholesale generators and retail generators

The screenshot shows the utilismart SETTLEMENT MANAGER interface in a Microsoft Internet Explorer browser window. The main content area displays a table titled "Industrial Plant #. Retail Settlement Cost For January 2005". The table has columns for Date, Avg. Wt. Price (Cents/kWh), Gross Energy (kWh), Total Losses (kWh), Net Energy (kWh), and Cost. To the right of the table is a "Monthly Summary" section with various energy and cost metrics.

Date	Avg. Wt. Price Cents/kWh	Gross Energy kWh	Total Losses kWh	Net Energy kWh	Cost
20050101	2.80723	8,703.0	277.2	8,425.7	1117.42
20050102	2.81624	8,264.5	286.1	7,978.4	2222.63
20050103	3.00929	13,275.5	529.0	12,746.5	3779.27
20050104	4.46363	13,969.2	559.7	13,409.5	5979.23
20050105	5.11244	14,763.2	557.3	14,205.9	7302.70
20050106	5.44982	14,044.4	565.1	13,479.3	7303.20
20050107	4.84768	14,121.6	663.0	13,458.6	6476.25
20050108	6.58570	8,158.0	387.1	7,770.9	5143.43
20050109	4.44472	8,977.0	277.4	8,699.6	3826.56
20050110	4.66417	13,676.8	242.8	13,434.0	6245.42
20050111	2.11791	14,926.2	601.9	14,324.3	3018.10
20050112	4.38425	14,274.4	670.9	13,603.5	5724.10
20050113	5.29564	13,025.4	541.6	12,483.8	6523.10
20050114	4.14665	13,737.8	645.7	13,092.1	5417.37
20050115	4.72319	8,129.0	382.5	7,746.5	3633.24
20050116	4.46262	8,487.4	372.2	8,115.2	3598.01
20050117	4.14832	13,353.8	620.5	12,733.3	5299.81
20050118	7.42227	14,659.8	543.6	14,116.2	10406.26
20050119	6.52682	13,561.6	637.4	12,924.2	8458.00
20050120	6.17177	13,076.6	620.0	12,456.6	7614.41
20050121	6.46031	13,169.2	619.0	12,550.2	8066.40
20050122	7.62260	8,236.0	227.8	7,998.2	6026.20
20050123	6.45423	8,109.2	269.1	7,840.1	5041.21
20050124	10.46606	12,977.8	699.7	12,278.1	12767.27
20050125	8.15044	13,164.4	618.7	12,545.7	10266.27
20050126	7.25202	14,026.4	615.9	13,410.5	11007.03
20050127	6.83441	14,452.2	541.4	13,910.8	11352.03
20050128	7.31553	13,728.0	647.6	13,080.4	11294.87
20050129	6.62665	8,174.4	240.4	7,934.0	5264.10
20050130	6.17424	8,276.4	251.2	8,025.2	4915.41
20050131	4.17446	10,634.4	499.9	10,134.5	4248.01

**Monthly Summary**

Gross Energy	348,045.4 kWh
Total Losses	16,367.5 kWh
Net Energy	364,612.9 kWh
Total Cost	\$22,067.13
Avg. Wt. Price	6.05221 ¢/kWh
Max. Daily Energy	14,509.2 kWh
Min. Daily Energy	5,570.6 kWh
Avg. Daily Energy	11,233.7 kWh
Max. Daily Cost	\$1,367.37
Min. Daily Cost	\$187.49
Avg. Daily Cost	\$715.64

