



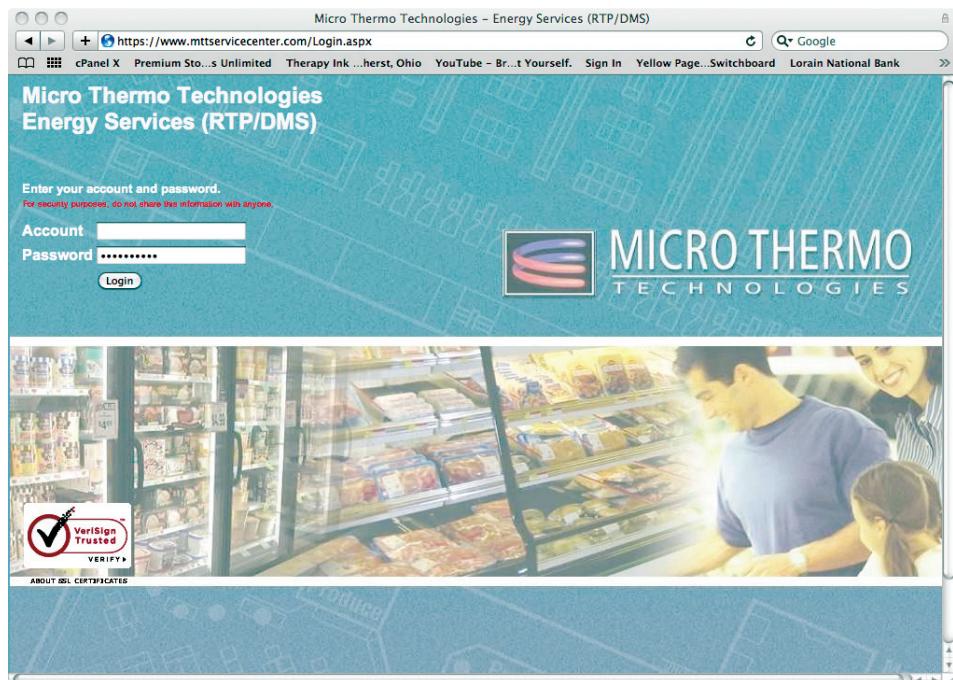
# MT WEL Web Energy Logger



## Customer Value

Micro Thermo Technologies' MT WEL™ – Web Energy Logger™ software application is the perfect solution for supermarket chain operations to manage and optimize energy operations across selected or all stores in their business. Used in conjunction with the existing MT Alliance™ installed in a store or used in a stand alone mode, the Web Energy Logger provides energy monitoring, demand response load shedding and real-time pricing services. This new energy management solution enables supermarket operators to obtain the latest information about store energy consumption in real-time, from virtually anywhere in the world.

Integral to the Web Energy Logger are the MT-560 Communication Gateway and Energy Node, which are installed locally at the store. These system elements collect stored energy data and send that data to a central database that resides on a secure server located remote from the store. This database is used to generate reports from the aggregate information collected. Security is a main priority, and solutions for



access are always developed in conjunction and compliance with the supermarket's IT security standards.

Because of the LonWorks technology used within the MT Energy Node, there is no risk for data loss due to network communications issues.

Always on the cutting edge, offering the best solutions in supermarket control and monitoring, Micro Thermo Technologies and our Web Energy Logger provide you with accurate and comprehensive data to make informed decisions and optimize store efficiency and revenue.



ENGINEERING YOUR SUCCESS.

**FOOD LION**

Disconnect Account Schedules Reports Site Energy Load shed Energy Reports

Report Settings

Report Type: Energy Consumption for all sites  
Period: Weekly Report From: 08/01/2010  
Site Filter: Show All  
Get: All Sites (Sorting Grid) Get Report

Energy Consumption for all sites  
Date Sunday, August 01, 2010 to Saturday, August 07, 2010

**XML Data** [x] better than average [x] within 1 std dev. [x] within 2 std dev. [x] over 2 std dev. Total kWh for Period = 7,313,405 Total Estimated kWh Saved = 690,361

Corp	Site Name	Region	KWh for Period	Peak kW	Avg KWh	Site ID	KWh/Load kW	Value	Line
2310	HA, Vasslette	SM	50,692	411	2,580	25,000	0.291	100.0	
2324	BL, Smithfield, Church	RS, BF, Lee C	68,320	577	0	37,618	0.264	99.9	
2422	FL, Congress	SM	42,939	324	281	30,000	0.204	100.0	
0544	FL, Mount Olive, Braselton	SM, SL, Mike T	49,616	406	2,550	38,325	0.188	100.0	
0711	FL, Chester, Chester	RS, BF, Tim H	40,665	367	891	31,762	0.184	100.0	
1156	FL, Richmond, Hull	RS, SB, UA	39,260	304	6,886	31,762	0.177	99.7	
1157	FL, Ethrus, Woodpecker	RS, BF, Tim H	39,128	367	0	31,762	0.176	100.0	
1148	FL, Heathville, Northumberland	RS, BF, Perry M	39,091	310	4,034	31,762	0.176	100.0	
0681	FL, Chattanooga, TN, Hwy 50	unknown	36,578	287	1,689	30,000	0.174	100.0	
1418	FL, Broadway, Portland, TN	unknown	36,400	298	624	30,000	0.170	100.0	
2749	FL, Williamsburg, Richmond	RS, BF, JR W	36,332	323	0	32,548	0.168	99.9	
0432	FL, Providence Forge	RS, BF, JR W	31,838	251	4,625	27,166	0.167	100.0	
0610	FL, Florence, Vtory	SM, CJ, Robbie J	36,208	304	0	31,244	0.166	100.0	
1158	FL, Richmond, Lauderdale	RS, SB, Michael C	34,128	266	0	30,000	0.165	100.0	
0671	FL, Richmond, Ironbridge Place	RS, SL, Scott J	34,103	320	0	34,103	0.165	100.0	
4233	FL, Virginia Beach, Embassy	RS, BF, Tim H	36,081	338	2,680	34,459	0.161	100.0	
1159	FL, Richmond, Iron Hts	RS, SB, Scott J	36,067	271	5,299	31,762	0.161	100.0	
0521	FL, Wilmington, South College	SM, CJ, Berry C	37,469	296	2,549	34,432	0.169	100.0	
2321	FL, Hixson, TN, Hixson Pk	unknown	32,711	279	93	30,000	0.159	100.0	
0430	FL, Buchanan, Jefferson County	RS, BF, Scott J	34,421	365	3,538	34,363	0.164	100.0	

**FOOD LION**

Disconnect Account Schedules Reports Site Energy Load shed Energy Reports

Report Settings

Report Type: Load Shed Statistics for all sites  
Period: Daily Report From: 08/01/2010  
Site Filter: Show All  
Get: All Sites (Sorting Grid) Get Report

Load Shed Statistics for all sites including "All Load Shed Modes"  
Date Sunday, August 01, 2010 to Sunday, August 01, 2010

**XML Data** [x] no loadshed [x] loadshed = max [x] max loadshed [x] max loadshed & over setpoint

Corp	Site Name	Region	Min KWh L.S.	Max KWh L.S.	SubMax L.S.	Max KWh Setpoint	Found 196 sites, sorted by %Max L.S.
0653	FL, Richmond, West Broad	RS, SB, Michael C	42.4	37.8	0.00	300	min % = 8.6, max % = 95.7
1382	FL, Wilmington, 1771	SM, CJ, Berry C	29.5	37.8	0.00	220	
0412	FL, Candler, NC, Ridge Market	SM, JC, Beaten P	58.5	37.5	4.17	210	
0223	FL, Richmond, Buford	RS, SB, UA	34.7	35.8	0.00	210	
1381	FL, Ekira, Beverly	RS, CJ, Jeff K	55.6	34.7	2.00	185	
1672	FL, Chaddsford, North Brown	SM, CJ, Timothy S	30.4	34.4	13.50	209	
2411	FL, Greenville, Greenville	RS, CS, James L	44.4	34.4	17.71	210	
1380	FL, Greenville, NC, Greenwood	RS, CJ, SP, Terry E	51.0	34.9	0.00	1800	
2210	FL, Lumberton, NC, Lumberton	SM	58.2	33.7	14.60	240	
0309	FL, Henningsay, Henningsay	SM, CJ, Robbie J	57.6	32.8	1.74	210	
1658	FL, Pecanwood, Mountain	RS, CS, Michael H	36.9	31.9	12.50	215	
2279	FL, Myrtlewood, FL	SM, CP, Scott G	42.6	31.6	0.00	210	
2252	FL, Whiteville, Whiteville	SM, CJ, Timothy S	51.0	30.9	20.49	245	
2652	FL, Forest City, South Broadway	SM, JC, Chad F	37.2	38.6	2.43	173	
0615	FL, Oceanside, Headwaters	SM, CJ, UA	45.5	28.5	2.78	162	
1344	FL, Lexington, Corvettes	SM, SL, Len B	59.0	25.3	0.69	208	
1295	FL, Newport, Hwy 70	SM, SL, Richard S	12.1	24.7	0.00	240	
0272	FL, New Port, West Cumberland	SM, SL, Ten H	64.6	23.6	9.83	190	
0501	FL, Chattanooga, TN, Hwy 50	unknown	74.3	23.3	23.26	210	

- Real Time Pricing (RTP) and demand response solution
- Remote load shedding and setpoint changes
- Internet or intranet connectivity (TCP/IP)
- Site profiling

**Energy Profile for a Site**

**MICRO THERMO TECHNOLOGIES**

Disconnect Account Schedules Reports Site Energy Load shed Energy Reports

Report Settings

Report Type: Energy Profile for a Site  
Period: Daily Report From: 08/01/2010  
Site Filter: Show All  
Time Zone: (Site Time Zone)  
Interval: 15 minutes  
Get: Average kW Graph + Peak Get Report

Average kW - Peak Profile for all sites: 02511715, FL, Treadman, Main, SM, MH, Clifford R (Interval: 12 min)

**XML Data** [x] Average kW and Loadshed Level [x] Max kW Setpoint [x] Peak kW value

- Real time graphing of performance data
- Daily, weekly, monthly, yearly reports
- Load shedding and tracking
- Storage of performance analyses
- Customized reports to meet your specific needs
- Filter by site number, site name, region, etc.

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