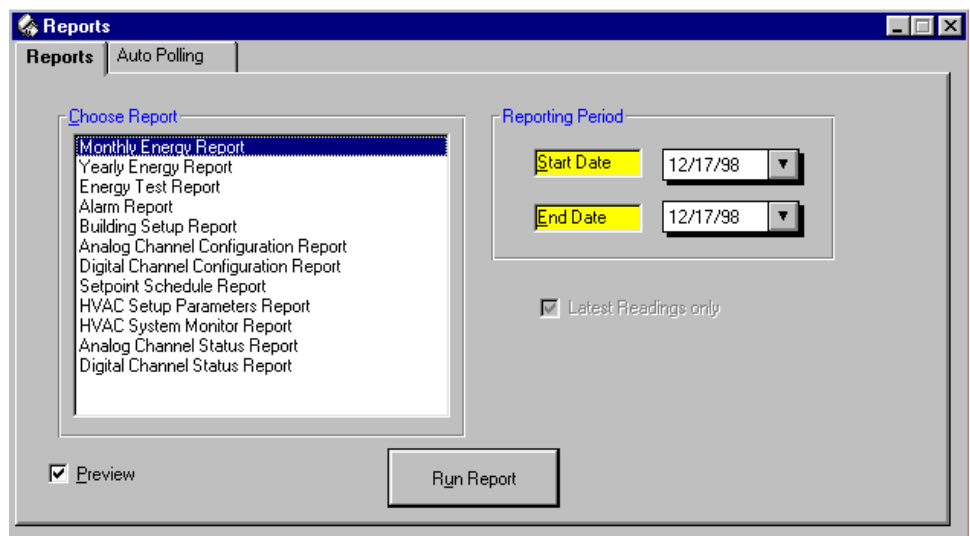


View or Print Reports

Description of the Pre-formatted Reports Form within EnergyPro



The **Reports** form selection is used to preview or print various preformatted reports. The user can select the time period for which to generate a report. Some of the reports available are defined below and a sample is attached:

- ⇒ **Monthly Energy Report** - The following monthly energy report contains the following information for each building and each HVAC unit within the building:

- ⇒ **Alarm Report** - The alarm report contains all the building and unit information and alarm data with the date and time the alarm was reported to the PC:

- ⇒ **Building Setup Report** - The building setup report contains all the data recorded during the building and unit setup in the Building Setup form.

 - ⇒ **Analog Channel Configuration Report** - The analog unit setup report contains all the data recorded during the analog channel configuration and setup.

 - ⇒ **Digital Channel Configuration Report** - The digital unit setup report contains all the data recorded during the digital channel configuration and setup.

 - ⇒ **Setpoint Schedule Report** - The setpoint schedule report contains all the time / temperature setpoint schedules downloaded from the HVAC Units and recorded in the database for each HVAC unit.

 - ⇒ **HVAC Unit Setup Report** - The HVAC Unit setup report contains all the data recorded for each HVAC unit in the Unit Basics form.

 - ⇒ **HVAC System Monitor Report** - The HVAC System Monitor report contains all the HVAC system status data downloaded from the HVAC Units and recorded in the database with corresponding date and time stamps.

 - ⇒ **Analog Channel Status Report** - The Analog Channel Status report contains all the Analog data downloaded from the Analog units and recorded in the database with corresponding date and time stamps.

 - ⇒ **Digital Channel Status Report** - The Digital Channel Status report contains all the Digital channel data downloaded from the Digital units and recorded in the database with corresponding date and time stamps.

 - ⇒ **HVAC System Status Report** - The HVAC System Status report contains a detailed status of an individual HVAC system which includes control settings and alarm conditions. The downloaded data is recorded in the database with a corresponding date and time stamp.

 - ⇒ **Lighting Schedule Report** - The lighting schedule report contains all the time / light schedules downloaded from the Lighting Units and recorded in the database for each Lighting unit.
-

EMS2000 Monthly Energy Data Report

Report Date: July 21, 2004
 Report Date Range: July 2000 to July 2004

Building Name: Typical Convenience Store

Month: May, 2001

Cooling Degree Days: 121.00
Heating Degree Days: 560.00

HVAC Unit Number	Cooling System Usage			Heating System Usage				Ventilation System Usage	
	Cooling Call Time Total Hours	Electric Usage kWh	Energy Recovery Savings %	Heating Call Time Total Hours	Electric Usage kWh	Gas / Fuel Usage Therms	Energy Recovery Savings %	Indoor Fan Run Time Total Hours	Electric Usage kWh
1	11.92	44.09	92.31	183.60	679.32	0.00	0.00	306.93	368.32
2	395.80	1,464.46	33.60	0.00	0.00	0.00	0.00	520.88	625.06
Totals	407.72	1,508.55		183.60	679.32	0.00		827.82	993.38

Month: June, 2001

Cooling Degree Days: 471.00
Heating Degree Days: 18.00

HVAC Unit Number	Cooling System Usage			Heating System Usage				Ventilation System Usage	
	Cooling Call Time Total Hours	Electric Usage kWh	Energy Recovery Savings %	Heating Call Time Total Hours	Electric Usage kWh	Gas / Fuel Usage Therms	Energy Recovery Savings %	Indoor Fan Run Time Total Hours	Electric Usage kWh
1	88.70	328.19	25.93	2.60	9.62	0.00	0.00	176.97	212.36
2	588.18	2,176.28	24.99	0.00	0.00	0.00	0.00	685.18	822.22
Totals	676.88	2,504.47		2.60	9.62	0.00		862.15	1,034.58

Month: July, 2001

Cooling Degree Days: 388.00
Heating Degree Days: 29.00

HVAC Unit Number	Cooling System Usage			Heating System Usage				Ventilation System Usage	
	Cooling Call Time Total Hours	Electric Usage kWh	Energy Recovery Savings %	Heating Call Time Total Hours	Electric Usage kWh	Gas / Fuel Usage Therms	Energy Recovery Savings %	Indoor Fan Run Time Total Hours	Electric Usage kWh
1	54.45	201.47	10.47	0.00	0.00	0.00	0.00	54.95	65.94
2	601.45	2,225.37	15.54	0.00	0.00	0.00	0.00	682.02	818.42
Totals	655.90	2,426.83		0.00	0.00	0.00		736.97	884.36

Alarm Report

Date Printed: July 21, 2004

Building: **GGG**

Unit Number:

1

AlarmTime	Description
9/8/2000 5:55:51PM	ROOM TEMP HIGH
9/8/2000 7:13:52PM	ROOM TEMP HIGH
9/8/2000 7:39:50PM	ROOM TEMP HIGH
11/8/2001 9:14:24PM	ROOM TEMP LOW
11/8/2001 9:29:36PM	ROOM TEMP LOW
2/23/2002 7:12:50PM	POWER OFF
2/23/2002 8:58:36PM	POWER OFF
2/24/2002 1:21:55PM	POWER OFF
9/8/2000 5:55:51PM	ROOM TEMP HIGH
9/8/2000 7:13:52PM	ROOM TEMP HIGH
9/8/2000 7:39:50PM	ROOM TEMP HIGH
11/8/2001 9:14:24PM	ROOM TEMP LOW
11/8/2001 9:29:36PM	ROOM TEMP LOW
2/23/2002 7:12:50PM	POWER OFF
2/23/2002 8:58:36PM	POWER OFF
2/24/2002 1:21:55PM	POWER OFF
9/8/2000 5:55:51PM	ROOM TEMP HIGH
9/8/2000 7:13:52PM	ROOM TEMP HIGH
9/8/2000 7:39:50PM	ROOM TEMP HIGH
11/8/2001 9:14:24PM	ROOM TEMP LOW
11/8/2001 9:29:36PM	ROOM TEMP LOW
2/23/2002 7:12:50PM	POWER OFF
2/23/2002 8:58:36PM	POWER OFF
2/24/2002 1:21:55PM	POWER OFF
9/8/2000 5:55:51PM	ROOM TEMP HIGH
9/8/2000 7:13:52PM	ROOM TEMP HIGH
9/8/2000 7:39:50PM	ROOM TEMP HIGH
11/8/2001 9:14:24PM	ROOM TEMP LOW
11/8/2001 9:29:36PM	ROOM TEMP LOW
2/23/2002 7:12:50PM	POWER OFF
2/23/2002 8:58:36PM	POWER OFF
2/24/2002 1:21:55PM	POWER OFF
9/8/2000 5:55:51PM	ROOM TEMP HIGH
9/8/2000 7:13:52PM	ROOM TEMP HIGH
9/8/2000 7:39:50PM	ROOM TEMP HIGH
11/8/2001 9:14:24PM	ROOM TEMP LOW
11/8/2001 9:29:36PM	ROOM TEMP LOW
2/23/2002 7:12:50PM	POWER OFF
2/23/2002 8:58:36PM	POWER OFF
2/24/2002 1:21:55PM	POWER OFF
9/8/2000 5:55:51PM	ROOM TEMP HIGH
9/8/2000 7:13:52PM	ROOM TEMP HIGH
9/8/2000 7:39:50PM	ROOM TEMP HIGH
11/8/2001 9:14:24PM	ROOM TEMP LOW

Building Setup

Building Name: **Typical Box Store Sample**
 Number of HVAC Units: **13**
 Telephone Modem Number: **166.147.67.128**
 Comport for Communications: **0**

Unit Basics (HVAC)

Unit Number Designation: **1**
 Manufacturer: **York**
 Model: **B3CH860A25B**
 Serial Number: **NHDM076840**
 Description of Service Area: **East Unit and Manager's Office**

A/C Cool (HVAC Air Conditioning Performance)

Compressor 1st Stage	Volts	240	Amps	19.30	Phase	3	KW	8.00
Compressor 2nd Stage	Volts	0	Amps	0.00	Phase	0	KW	0.00
Indoor Fan	Volts	240	Amps	6.60	Phase	1	KW	1.60
Outdoor Fan 1st Stage	Volts	240	Amps	2.30	Phase	1	KW	0.60
Outdoor Fan 2nd Stage	Volts	0	Amps	0.00	Phase	0	KW	0.00

G/E Heat (HVAC Gas / Electric Heating Performance)

Combustion Air Fan 1st Stage	Volts	0	Amps	0.00	Phase	0	KW	0.00
Combustion Air Fan 2nd Stage	Volts	0	Amps	0.00	Phase	0	KW	0.00
Gas / Fuel Input 1st Stage	BTU	0						
Gas / Fuel Input 2nd Stage	BTU	0						
Heat Output 1st Stage	BTU	0						
Heat Output 2nd Stage	BTU	0						

H/P Heat (HVAC Heat Pump Heating Performance)

Compressor 1st Stage	Volts	240	Amps	19.30	Phase	3	KW	8.00
Compressor 2nd Stage	Volts	0	Amps	0.00	Phase	0	KW	0.00
Backup Strip Heat	Volts	0	Amps	0.00	Phase	0	KW	0.00
Outdoor Fan 1st Stage	Volts	240	Amps	2.30	Phase	0	KW	0.60
Outdoor Fan 2nd Stage	Volts	0	Amps	0.00	Phase	0	KW	0.00

Analog Channel Configuration

Building Name: Typical Convenience Store

Date: 7/21/2004

Time: 9:19:47PM

Analog Unit Number: 1

Channel Number	Parameter Displayed Name	Units Displayed Units	Low Alarm Level	High Alarm Level	Alarm Delay Minutes	Alarm Condition Setup	Conversion Low Setup	Conversion High Setup
1	Room Temp #1	Dea F	60.00	75.00	10	Both	15.00	220.00
2	Room Temp #2	Dea F	60.00	75.00	10	Both	15.00	220.00
3	Room Temp #3	Dea F	60.00	75.00	10	Both	15.00	220.00
4	Humidity #1	%	20.00	60.00	10	Both	0.00	100.00
5	Humidity #2	%	20.00	60.00	10	Both	0.00	100.00
6	Humidity #3	%	20.00	60.00	10	Both	0.00	100.00
7			0.00	0.00	0	None	0.00	0.00
8			0.00	0.00	0	None	0.00	0.00

Analog Unit Number: 2

Channel Number	Parameter Displayed Name	Units Displayed Units	Low Alarm Level	High Alarm Level	Alarm Delay Minutes	Alarm Condition Setup	Conversion Low Setup	Conversion High Setup
1	Walkin Freezer	Dea F	20.00	15.00	2	Both	-40.00	40.00
2	Ice Cream Freezer	Dea F	20.00	20.00	2	Both	-40.00	40.00
3	Walkin Cooler	Dea F	35.00	55.00	5	Both	0.00	60.00
4	Packaged Cooler	Dea F	35.00	55.00	5	Both	0.00	60.00
5	UPS Voltage	VDC	24.00	27.40	1	Both	0.00	28.00
6	Ups Amperage	Amps	-10.00	600.00	5	Both	-600.00	600.00
7	Fuel Tank #1	Gallons	0.00	5,000.00	10	Low Only	0.00	6,000.00
8	Fuel Tank #2	Gallons	0.00	5,000.00	10	Low Only	0.00	6,000.00

Digital Channel Configuration

Building Name: Typical Convenience Store

Date: 7/21/2004

Time: 9:21:56PM

Digital Unit Number: 2

Channel Number	Parameter Displayed Name	Description On "1" or "On"	Description Off "0" or "Off"	Alarm Delay	Alarm Condition	Watts per Pulse	Kwh Conversion
1	Back Door Status	Open	Closed	1	On	0.00000	
2	Walkin Freezer Door Status	Open	Closed	15	On	0.00000	
3	Walkin Cooler Door Status	Open	Closed	15	On	0.00000	
4	Electric Meter Consumption					100.00000	0.10000000
5	Gas Meter Consumption					20.00000	0.02000000
6	Water Meter Consumption					50.00000	0.05000000
7						0.00000	
8						0.00000	

Building HVAC Time/Temperature Setpoint Schedule Daily / Weekly

Building: Typical Convenience Store

HVAC Unit: 1

Report Date: July 21, 2004

Day of Week	Daily Setpoint Schedule											
	Schedule 1			Schedule 2			Schedule 3			Schedule 4		
	Time	Heat	Cool	Time	Heat	Cool	Time	Heat	Cool	Time	Heat	Cool
Monday	9:00 AM	64	74	1:00 PM	68	74	5:00 PM	68	74	9:00 PM	56	85
Tuesday	9:00 AM	64	74	1:00 PM	68	74	5:00 PM	68	74	9:00 PM	56	85
Wednesday	9:00 AM	64	74	1:00 PM	68	74	5:00 PM	68	74	9:00 PM	56	85
Thursday	9:00 AM	64	74	1:00 PM	68	74	5:00 PM	68	74	9:00 PM	56	85
Friday	9:00 AM	64	74	1:00 PM	68	74	5:00 PM	68	74	9:00 PM	56	85
Saturday	9:00 AM	64	74	1:00 PM	68	74	5:00 PM	68	74	7:00 PM	56	85
Sunday	10:00 AM	64	74	1:00 PM	68	74	5:00 PM	68	74	6:00 PM	56	85

Date / Time when settings were retrieved

Mon	<u>Tuesday, October 22, 2002 9:44:40 AM</u>
Tues	<u>Tuesday, October 22, 2002 9:44:40 AM</u>
Weds	<u>Tuesday, October 22, 2002 9:44:40 AM</u>
Thurs	<u>Tuesday, October 22, 2002 9:44:40 AM</u>
Fri	<u>Tuesday, October 22, 2002 9:44:40 AM</u>
Sat	<u>Tuesday, October 22, 2002 9:44:40 AM</u>
Sun	<u>Tuesday, October 22, 2002 9:44:40 AM</u>

Building Name: Typical Box Store Sample

Date: 7/21/2004

HVAC Unit Number: 1

Time: 9:25:25PM

Cooling Differential	On	1 DegF
	Off	2 DegF
Heating Differential	On	1 DegF
	Off	2 DegF
Stage 2 Differential	Heat	2 DegF
	Cool	2 DegF
Min ER Stop Differential	Heat	14 DegF
	Cool	5 DegF
Min ER Start	Heat	32 DegF
	Cool	8 DegF
Economizer On Temp	On	48 DegF
Minimum Off Time	Heat	3
	Cool	3
Minimum Run Time	Heat	3
	Cool	3
Minimum Call Time	Heat	3
	Cool	3
Heat / Cool Changeover Timer	Minutes	0
Blackout Restart Stagger	Seconds	2
Type of HVAC Unit	Stages	0
	Type	Heat Pump O Type
Address		
Room Temp Sensor Override	Temperature	3 DegF
Room Temp Override Timer	Hours	
Calibrate Room Temperature	Temperature	1 DegF
Calibrate Supply Temperature	Temperature	0 DegF
Calibrate Roof Temp Sensor	Temperature	0 DegF
Set Output Control	Type	EMS2000
Modem Type		Direct Connect
Alarm Send Mode		Monitor Only
Alarm Phone Number		0
Room Temperature Alarms	Low	55 DegF
	High	90 DegF
Alarm Heating Differential Temperat	Stage 1	20 DegF
	Stage 2	32 DegF
Alarm Cooling Differential Temperat	Stage 1	10 DegF
	Stage 2	15 DegF
Alarms Enabled	Room Heat	No
	Room Cool	No
	Power Outage	No
	Cool Stage1	No
	Cool Stage2	No
	Heat Stage1	No
	Heat Stage2	No
	Backup T-Stat	No
Alarm Delay Time	Minutes	10
Alarm Repeat Time	Minutes	30
Building Number		1
Setting Enabled	Heat Energy Recovery	Yes
	Cool Energy Recovery	Yes
	Economizer	No
Rings to Answer		0
Tries to Dial Alarm		0

System Monitor Report

Printed on: July 21, 2004

Building: Typical Box Store Sample

Unit: 1 **Service Area: East Unit and Manager's Office** **Readings taken: 6:05 PM, November 4, 2003**

Room Temp	71	Roof Temp	56
Supply Temp	63		
Heat Set Point	68	Cool Set Point	74
Heat Stage 1	OFF	Cool Stage 1	OFF
Heat Stage 2	OFF	Cool Stage 2	OFF
Heat Energy Recovery	OFF	Cool Energy Recovery	OFF

Unit: 2 **Service Area: Middle East Unit** **Readings taken: 6:05 PM, November 4, 2003**

Room Temp	71	Roof Temp	56
Supply Temp	63		
Heat Set Point	68	Cool Set Point	71
Heat Stage 1	OFF	Cool Stage 1	ON
Heat Stage 2	OFF	Cool Stage 2	OFF
Heat Energy Recovery	OFF	Cool Energy Recovery	ON

Unit: 3 **Service Area: Middle Unit** **Readings taken: 6:05 PM, November 4, 2003**

Room Temp	70	Roof Temp	56
Supply Temp	58		
Heat Set Point	68	Cool Set Point	71
Heat Stage 1	OFF	Cool Stage 1	OFF
Heat Stage 2	OFF	Cool Stage 2	OFF
Heat Energy Recovery	OFF	Cool Energy Recovery	OFF

Unit: 4 **Service Area: Middle West Unit** **Readings taken: 6:05 PM, November 4, 2003**

Room Temp	71	Roof Temp	57
Supply Temp	72		
Heat Set Point	68	Cool Set Point	71
Heat Stage 1	OFF	Cool Stage 1	OFF
Heat Stage 2	OFF	Cool Stage 2	OFF
Heat Energy Recovery	OFF	Cool Energy Recovery	OFF

Analog Status Report

Printed on: July 21, 2004

Building: Typical Server Farm Monitoring

		Unit: 1	Service Area:				
Channel	Description	Reading		Alarm Limit (Low / High)		Accum. Alarm Time	When Retrieved
1	Room Temp #1	66.45	Deg F	60.02	80.12	0	05/08/04 2:44 PM
2	Room Temp #2	64.84	Deg F	60.02	80.12	0	05/08/04 2:44 PM
3	Room Temp #3	68.86	Deg F	60.02	80.12	0.02	05/08/04 2:44 PM
4	Humidity #1	0.78	%	1.57	3.14	0	05/08/04 2:44 PM
5	Humidity #2	0.39	%	1.57	3.14	0	05/08/04 2:44 PM
6	Humidity #3	0.78	%	1.57	3.14	0	05/08/04 2:44 PM
7		0		0.00	0.00	0	05/08/04 2:44 PM
8		0		0.00	0.00	0	05/08/04 2:44 PM

Analog Status Report

Printed on: July 21, 2004

Readings between 07/21/2002 and 07/21/2004

Building: Typical Server Farm Monitoring

		Unit: 1		Service Area:			
Channel	Description	Reading		Alarm Limit (Low / High)		Accum. Alarm Time	When Retrieved
1	Room Temp #1	67.25	Deg F	60.02	80.12	0	02/13/04 1:42 PM
1	Room Temp #1	67.25	Deg F	60.02	80.12	0	02/13/04 1:43 PM
1	Room Temp #1	67.25	Deg F	60.02	80.12	0	02/13/04 1:47 PM
1	Room Temp #1	67.25	Deg F	60.02	75.29	0	02/13/04 1:49 PM
1	Room Temp #1	67.25	Deg F	60.02	75.29	0	02/13/04 1:49 PM
1	Room Temp #1	67.25	Deg F	60.02	75.29	0	02/13/04 1:50 PM
1	Room Temp #1	68.06	Deg F	60.02	75.29	0	02/13/04 1:51 PM
1	Room Temp #1	68.06	Deg F	60.02	75.29	0	02/13/04 1:52 PM
1	Room Temp #1	67.25	Deg F	60.02	75.29	0	02/13/04 1:57 PM
1	Room Temp #1	67.25	Deg F	60.02	75.29	0	02/13/04 1:58 PM
1	Room Temp #1	68.06	Deg F	60.02	75.29	0	02/13/04 1:58 PM
1	Room Temp #1	68.06	Deg F	60.02	75.29	0	02/13/04 1:59 PM
1	Room Temp #1	67.25	Deg F	60.02	75.29	0	02/13/04 2:05 PM
1	Room Temp #1	68.06	Deg F	60.02	75.29	0	02/13/04 2:06 PM
1	Room Temp #1	67.25	Deg F	60.02	75.29	0	02/13/04 2:27 PM
1	Room Temp #1	15	Deg F	60.02	80.12	0.88	03/12/04 9:15 AM
1	Room Temp #1	66.45	Deg F	60.02	80.12	0	05/08/04 2:44 PM
2	Room Temp #2	66.45	Deg F	60.02	80.12	0	02/13/04 1:42 PM
2	Room Temp #2	65.65	Deg F	60.02	80.12	0	02/13/04 1:43 PM
2	Room Temp #2	66.45	Deg F	60.02	80.12	0	02/13/04 1:47 PM
2	Room Temp #2	66.45	Deg F	60.02	75.29	0	02/13/04 1:49 PM
2	Room Temp #2	66.45	Deg F	60.02	75.29	0	02/13/04 1:49 PM
2	Room Temp #2	66.45	Deg F	60.02	75.29	0	02/13/04 1:50 PM
2	Room Temp #2	66.45	Deg F	60.02	75.29	0	02/13/04 1:51 PM
2	Room Temp #2	66.45	Deg F	60.02	75.29	0	02/13/04 1:52 PM
2	Room Temp #2	66.45	Deg F	60.02	75.29	0	02/13/04 1:57 PM
2	Room Temp #2	220	Deg F	60.02	75.29	0	02/13/04 1:58 PM
2	Room Temp #2	220	Deg F	60.02	75.29	0	02/13/04 1:58 PM
2	Room Temp #2	15	Deg F	60.02	75.29	0.02	02/13/04 1:59 PM
2	Room Temp #2	66.45	Deg F	60.02	75.29	0	02/13/04 2:05 PM
2	Room Temp #2	66.45	Deg F	60.02	75.29	0	02/13/04 2:06 PM
2	Room Temp #2	66.45	Deg F	60.02	75.29	0	02/13/04 2:27 PM
2	Room Temp #2	15	Deg F	60.02	80.12	0.88	03/12/04 9:15 AM
2	Room Temp #2	64.84	Deg F	60.02	80.12	0	05/08/04 2:44 PM
3	Room Temp #3	67.25	Deg F	60.02	80.12	0	02/13/04 1:42 PM
3	Room Temp #3	67.25	Deg F	60.02	80.12	0	02/13/04 1:43 PM
3	Room Temp #3	68.06	Deg F	60.02	80.12	0	02/13/04 1:47 PM
3	Room Temp #3	68.06	Deg F	60.02	75.29	0	02/13/04 1:49 PM
3	Room Temp #3	68.06	Deg F	60.02	75.29	0	02/13/04 1:49 PM
3	Room Temp #3	67.25	Deg F	60.02	75.29	0	02/13/04 1:50 PM
3	Room Temp #3	68.06	Deg F	60.02	75.29	0	02/13/04 1:51 PM
3	Room Temp #3	68.06	Deg F	60.02	75.29	0	02/13/04 1:52 PM
3	Room Temp #3	68.06	Deg F	60.02	75.29	0	02/13/04 1:57 PM
3	Room Temp #3	68.06	Deg F	60.02	75.29	0	02/13/04 1:58 PM
3	Room Temp #3	68.06	Deg F	60.02	75.29	0	02/13/04 1:58 PM
3	Room Temp #3	68.06	Deg F	60.02	75.29	0	02/13/04 1:59 PM
3	Room Temp #3	68.06	Deg F	60.02	75.29	0	02/13/04 1:59 PM
3	Room Temp #3	67.25	Deg F	60.02	75.29	0	02/13/04 2:05 PM
3	Room Temp #3	68.06	Deg F	60.02	75.29	0	02/13/04 2:06 PM
3	Room Temp #3	68.06	Deg F	60.02	75.29	0	02/13/04 2:27 PM
3	Room Temp #3	15	Deg F	60.02	80.12	0.88	03/12/04 9:15 AM
3	Room Temp #3	68.86	Deg F	60.02	80.12	0.02	05/08/04 2:44 PM
4	Humidity #1	5.88	%	30.20	50.20	0.03	02/13/04 1:42 PM

Digital Status Report

Printed on: July 21, 2004

Building: Typical Convenience Store

		Unit: 1	Service Area:		
<u>Channel</u>	<u>Description</u>	<u>Reading*</u>	<u>Alarm Condition</u>	<u>Accum. Alarm Time</u>	<u>When Retrieved</u>
1	Chiller R Energy Consumption	91,190.9			06/17/04 11:54 AM
2	Chiller L Energy Consumption	102,306.5			06/17/04 11:54 AM
3				0	06/17/04 11:54 AM
4				0	06/17/04 11:54 AM
5				0	06/17/04 11:54 AM
6				0	06/17/04 11:54 AM
7				0	06/17/04 11:54 AM
8				0	06/17/04 11:54 AM

* Pulse Readings shown in Kwh

Digital Status Report

Printed on: July 21, 2004

Readings between 07/21/2002 and 07/21/2004

1	Chiller R Energy Consumption	88,491.9	05/08/04 2:43 PM
1	Chiller R Energy Consumption	68,492.8	05/21/04 5:44 PM
1	Chiller R Energy Consumption	68,493.0	05/21/04 5:44 PM
1	Chiller R Energy Consumption	68,493.0	05/21/04 5:44 PM
1	Chiller R Energy Consumption	68,493.0	05/21/04 5:44 PM
1	Chiller R Energy Consumption	68,493.1	05/21/04 5:44 PM
1	Chiller R Energy Consumption	68,493.1	05/21/04 5:44 PM
1	Chiller R Energy Consumption	68,493.1	05/21/04 5:44 PM
1	Chiller R Energy Consumption	68,493.1	05/21/04 5:44 PM
1	Chiller R Energy Consumption	68,493.1	05/21/04 5:44 PM
1	Chiller R Energy Consumption	68,493.1	05/21/04 5:44 PM
1	Chiller R Energy Consumption	68,493.2	05/21/04 5:44 PM
1	Chiller R Energy Consumption	68,493.2	05/21/04 5:44 PM
1	Chiller R Energy Consumption	68,493.2	05/21/04 5:44 PM
1	Chiller R Energy Consumption	91,190.9	06/17/04 11:53 AM
1	Chiller R Energy Consumption	91,190.9	06/17/04 11:54 AM
1	Chiller R Energy Consumption	91,190.9	06/17/04 11:54 AM
2	Chiller L Energy Consumption	10,603.0	11/04/03 9:29 AM
2	Chiller L Energy Consumption	10,853.0	11/04/03 6:08 PM
2	Chiller L Energy Consumption	15,922.0	11/10/03 9:08 AM
2	Chiller L Energy Consumption	16,018.5	11/10/03 12:15 PM
2	Chiller L Energy Consumption	16,018.5	11/10/03 12:15 PM
2	Chiller L Energy Consumption	16,018.5	11/10/03 12:15 PM
2	Chiller L Energy Consumption	16,018.5	11/10/03 12:15 PM
2	Chiller L Energy Consumption	16,018.5	11/10/03 12:15 PM
2	Chiller L Energy Consumption	16,019.0	11/10/03 12:15 PM
2	Chiller L Energy Consumption	16,019.0	11/10/03 12:15 PM
2	Chiller L Energy Consumption	16,019.0	11/10/03 12:16 PM

* Pulse Readings shown in Kwh

System Status Information

Printed on: July 21, 2004

Information for Typical Box Store Sample

System Status for Unit Number 1 which is a Heat Pump Type O Unit: 10/18/2003 10:19:15

System Parameter	System Status
Cooling Stage 1 is	OFF
Cooling Stage 2 is	OFF
Energy Recovery is	OFF
Economizer is	OFF
Heating Stage 1 is	OFF
Heating Stage 2 is	OFF
Energy Recovery is	OFF
Room Temp is	71
Supply Temp is	85
Roof Temp is	104
Active Heating Set Point is	68
Active Cooling Set Point is	71
The Temperature Control Mode is	Program
Indoor Fan is	OFF
Indoor Fan mode is	Automatic
The Heat Control is set for	Cool Only
The Output Control is set for	EMS2000
Alarm status is as follows:	
The room temp is	not too low.
The room temp is	not too high.
The Cooling Stage 1 temperature difference is	within parameters.
The Cooling Stage 2 temperature difference is	within parameters.
The Heating Stage 1 temperature difference is	within parameters.
The Heating Stage 2 temperature difference is	within parameters.
Backup T-Stat is	not in control.
Primary Power is	ON
The Last System Used was	Cooling
The Room Temperature Calibration offset is	1
The Roof Temperature Calibration offset is	0
The Supply Temperature Calibration offset is	0

Lighting Control Time/Light Schedule

Building: Typical Convenience Store

Lighting Unit: 1

Report Date: July 21, 2004

Daily Lighting Schedule																
Day of Week	Circuit 1				Circuit 2				Circuit 3				Circuit 4			
	Morning		Night		Morning		Night		Morning		Night		Morning		Night	
	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off
Monday	9:00 a	11:59 p	9:00 a	11:59 p	0:01 a	0:01 a	0:01 a	0:01 a	9:00 a	11:59 p	9:00 a	11:59 p	5:30 a	7:00 a	7:30 p	11:00 p
Tuesday	0:00 a	8:59 a	0:00 a	8:59 a	0:01 a	8:59 a	0:01 a	8:59 a	5:30 a	7:00 a	7:30 p	11:00 p	0:01 a	9:00 a	0:01 a	9:00 a
Wednesday	9:00 a	11:59 p	9:00 a	11:59 p	0:01 a	0:01 a	0:01 a	0:01 a	9:00 a	12:00 p	12:00 p	8:59 a	9:00 a	11:59 p	9:00 a	11:59 p
Thursday	0:00 a	8:59 a	0:00 a	8:59 a	0:01 a	8:59 a	0:01 a	8:59 a	0:01 a	8:59 a	0:01 a	8:59 a	0:01 a	9:00 a	0:01 a	9:00 a
Friday	9:00 a	11:59 p	9:00 a	11:59 p	0:01 a	0:01 a	0:01 a	0:01 a	9:00 a	11:59 p	9:00 a	11:59 p	9:00 a	11:59 p	9:00 a	11:59 p
Saturday	0:00 a	8:59 a	0:00 a	8:59 a	0:01 a	8:59 a	0:01 a	8:59 a	0:01 a	8:59 a	0:01 a	8:59 a	0:01 a	9:00 a	0:01 a	9:00 a
Sunday	9:00 a	11:59 p	9:00 a	11:59 p	0:01 a	0:01 a	0:01 a	0:01 a	9:00 a	11:59 p	9:00 a	11:59 p	9:00 a	11:59 p	9:00 a	11:59 p