

SMART ENTERPRISE - ACCOUNT

PERFORMANCE To manage a portfolio of multiple sites, they can be grouped for access with a single login using a SolarVu SMART Enterprise account. Apply to contactus@cachelan.com to set up an Enterprise account. From a single screen, view status of all sites, sort by different parameters, compare performance for any time period, print PDF reports, download CSV data files for analysis or jump directly to any site.

Performance tab



Status		Name	Run Time	Sell Power Now	Output % SolarMap	Sell Size	Sell Energy	Sell Rate	Sell Revenue	Setup
Alarm	Comm.									
Total		52		505 kW		1,168 kW	3,365 MWh		\$ 2,483,818	
1	●	Durham College	5.7 Years	35.4 kW	100 %	70.0 kW	496,080 kWh	\$ 0.80	\$ 396,864	Setup
2	●	Blessed Cardinal Newman	3.4 Years	71 kW	117 %	100 kW	512,554 kWh	\$ 0.71	\$ 365,451	Setup
3	●	Mary Honeywell ES	2.0 Years	90 kW	80 %	150 kW	306,762 kWh	\$ 0.71	\$ 218,721	Setup
4	●	Cairine Wilson SS	2.1 Years	44.7 kW	55 %	100 kW	151,090 kWh	\$ 0.71	\$ 107,727	Setup
5	●	Kipling Collegiate Institute	3.4 Years	0 kW	75 %	40.0 kW	133,095 kWh	\$ 0.71	\$ 94,897	Setup

Report tab

Name	Run Time	Sell Power Now	Output % SolarMap	Sell Size	Sell Energy	Sell Rate	Sell Revenue
Total	52	472 kW		1,168 kW	3,365 MWh		\$ 2,483,907
1 Durham College	5.7 Years	38.1 kW	100 %	70.0 kW	496,086 kWh	\$ 0.80	\$ 396,869
2 Blessed Cardinal Newman	3.4 Years	70 kW	117 %	100 kW	512,579 kWh	\$ 0.71	\$ 365,469

- Performance** View online status of all sites including fault alarms and communications health. Select from different parameters arranged into profiles over any time period such as power now, energy and revenue.
- Report** Select the desired Group, Profile and Period then create a PDF report for any displayed view for all or a subgroup of sites. Use the Type pulldown and Download button to download data in CSV format for performance analysis in a spreadsheet.
- GROUP** View all sites on one screen or divide a large portfolio into smaller related groups of sites for display separately. Only the sites in the selected group will be visible and totalled for display and reports.
- PROFILE** Choose related parameters for display and reports. Create and name new profiles as needed to suit personal preferences.
- PERIOD** Choose a time period of interest. Data is stored for the lifetime of the system since start up. The values will be shown for the selected time interval. Totals will automatically be displayed for the time period in the first row.
- PARAMETER** Create a profile with the required parameters for display from over 25 measured values. Click on the parameter of interest to sort sites in ascending order by that parameter. Click again for descending order. To find sites alphabetically, click on the Name header.
- NAME** Each site is identified with its default SolarVu web address assigned at the factory, an alias alternative address and a site name, both of which are assigned in SETUP. Sort all sites by the preferred method of identification selected with the Name arrow button. Click the site name to go directly to the site energy portal SITE view.
- COMMUNICATION & ALARM STATUS**
Comm Light: Green-internet connection OK. Red-No internet connection for last 2 hours. Yellow-partial internet connection. Check for poor 3G cellular signal, intermittent ISP connection, no LAN connection if the Comm light is not green.
Alarm Light: Green- all devices reporting OK. Red-caused by inverter fault code, Sun Low Power alarm (WeatherTrak), Combiner alarm, no serial data (inverter is off, sleeping or connection problem).
Click on the Status - Alarm or Comm heading to sort sites by those that have a problem. Click on the indicator to go directly to the site ANALYZER screen with diagnostic information about the problem. To go directly to the site LIVE view, click on the site number in the left column if it is underlined, to get a popup of maintenance notes that have been entered in the site SETUP. This is helpful for O&M staff to view what work has been done on the site.
- SETUP** To change settings for a site, click the Setup button. This button will only appear if the login was with the administrator password. Visitor login only allows looking at the site but not changing settings.
- CREATE PROFILE** To edit an existing Profile or create a new named Group of parameters for display, click the Edit button or white arrow shortcut. This is only available to accounts with administrator privileges.

GROUPS & PROFILES

CREATE & EDIT GROUPS Your SMART Enterprise account will come with a factory default Group called All to display every site. Customize your account to subdivide a large portfolio into smaller groups of sites for display together. An administrator login is required to make these changes.

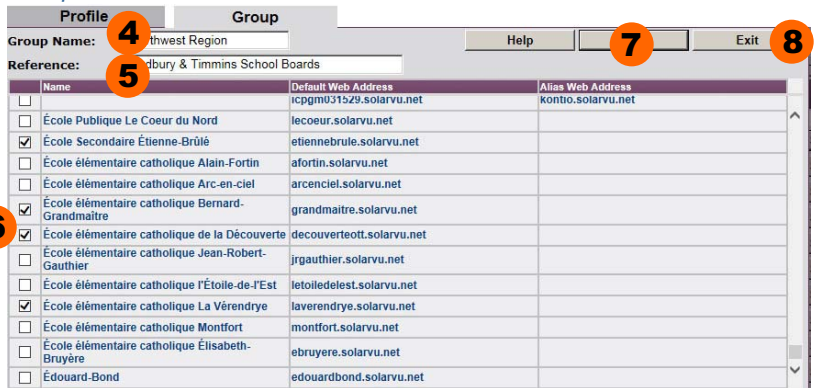
Select Edit from Login screen



Select Group and action



Group Add/Edit screen

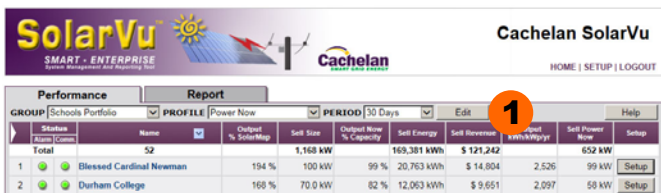


- GROUP SETUP** Create, edit or delete a group by clicking the Edit button or arrow shortcut.
- GROUP TAB** Select the Group tab to make changes to Groups.
- ACTION** Delete or edit an existing group. Click the Add button to create a new group of sites.
- GROUP NAME** Assign a meaningful name that will appear in the Group pulldown box.
- REFERENCE** Optionally add a Reference to appear in the Group edit list for further details
- SELECT SITES** Check each site from the total of all sites in the portfolio that should appear in this group.
- SAVE** Click Save to retain the group or Exit without Save to abandon it.
- EXIT** Once all sites are selected and saved, click Exit to return to the main screen. This group can be edited later to add or delete sites by returning to the Group setup screen and selecting the Edit button.

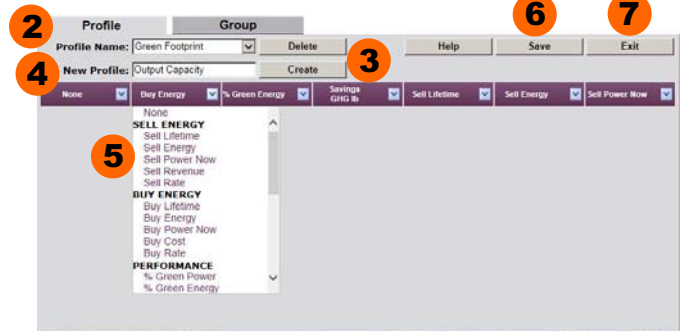
PROFILES - CONFIGURATION

CREATE & EDIT PROFILES Your SMART Enterprise account will come with factory default Profile combinations of paramters. Arrange parameters into Profiles to see only those measured values of interest from over 40 possibilities. An administrator login is required to make these changes.

Select Edit from Login screen



Profile Add/Edit screen



- PROFILE SETUP** Create, edit or delete a profile by clicking the Edit button or arrow shortcut.
- PROFILE TAB** Select the Profile tab to make changes to Profiles.
- ACTION** To create a new profile click the Create button or the Delete button to remove an existing profile.
- PROFILE NAME** Enter a meaningful name like Revenue, Savings or Output that will appear in the Profile pulldown box.
- ASSIGN PARAMETRS** From the pulldown arrow button in the parameter name header, select from over 25 measured parameters for that column. Choose None to make the column blank. In the Performance and Reports screens, these parameters will appear in the order shown and saved here. Create profiles to display different types of information like Revenues, Green Savings, Performance to suit your specific requirements.
- SAVE** Click Save to keep the new profile or changes.
- EXIT** Click Exit to return to the Performance screen. Click Save before Exit to retain the changes.

PARAMETER DEFINITIONS

PARAMETER SELECTION Over 50 different parameters can be selected and arranged into different profiles for creating different views and reports. The definition of each parameter is listed here in order of the selection pulldown menu in Profile Setup

PARAMETER	UNITS	DEFINITION
SELL ENERGY		
Sell Lifetime	\$	Revenue = FIT rate x total energy kWh since system start up
Sell Energy	kWh	Total energy generated kWh for selected period
Sell Power	kW	Now Actual system power being generated now kW
Sell Revenue	\$	Revenue = FIT rate x energy kWh for the selected period
Sell Rate	\$/kWh	FIT sell rate entered in SETUP used for revenue calculations
BUY ENERGY		
Buy Lifetime	kWh	Grid energy used since start up. Only available is a grid meter is installed.
Buy Energy	kWh	Grid energy used for selected period. Only available is a grid meter is installed.
Buy Power Now	kW	Grid power now. Only available is a grid meter is installed.
Buy Cost	\$	Grid energy * Buy power cost /kWh entered in SETUP. Grid meter must be installed.
Buy Rate	\$	Grid energy * Average cost of power entered in SETUP. Grid meter must be installed.
SITE SPECIFICATION		
Size kWac	kWac	Size kWac Rated total AC output of system kW for 100% capacity
Size kWdc	kWdc	Size kWdc Rated total DC solar panel kW. Usually greater than AC rating
Installation	Date	Installation Date of startup used to calculate run time
Run Time	days	Run Time Run time in days or years from initial startup date entered in SETUP
PERFORMANCE		
Performance Ratio AC	%	Actual energy / (AC capacity * insolation) for selected period
Performance Ratio DC	%	Actual energy / (DC capacity * insolation) for selected period
Expected Energy	kWh	Energy expected from PVsys design for the selected time period. Values from PVsys report must be entered in SETUP
Expected Revenue	\$	Revenue expected = PVsys expected energy x FIT rate for the selected time period. Values from PVsys report must be entered in SETUP
Output kWh/kWac/yr	kWh	Annual energy per kW of installed rated inverter output capacity. Normalized for comparing relative performance of systems with different size of inverter AC output capacity.
Output kWh/kWdc/yr	kWh	Annual energy per kW of installed total DC panel capacity. Normalized for comparing relative performance of systems with different size total DC panels capacity.
Output FSH/day	kWh	Daily energy / AC capacity expressed in FSH (Full Sun Hours). Energy from one FSH is the energy the system would produce for 1 hour of irradiance at 1000W/m ² (STD)
Solar Map kWh/kWac/yr	kWh	Expected annual energy for per kW of installed AC capacity based on historical records of horizontal insolation as measured for the selected location. This value must be entered in SETUP from a solar map for this location.
Solar Map FSH/Day	FSH	Expected daily energy expressed in FSH (Full Sun Hours) per kW of installed AC capacity based on the solar map value entered in SETUP for this location.
Output Now % Capacity	%	Actual kWac output now / Rated kWac capacity of the system. Total inverter rated output in kWac is entered in SETUP. 100% means the system is generating at full rated output.
Output % solar Map	%	Actual energy / expected energy from a solar map for this location (entered in SETUP) for the selected period.
Output \$/kWac/yr	\$	Annual revenue / kWac rated system capacity. Normalized to allow comparing systems of different size to see which produces more revenue for the same rating.
Output \$/kWdc/yr	\$	Annual revenue / kWdc total rated installed DC panel capacity. Normalized to allow comparing systems with different size DC panel ratings to see which produces more revenue for the same DC rating.

PARAMETER	UNITS	DEFINITION
PERFORMANCE (continued)		(S-G)/S *100 where S= Solar Power kW now, G=grid power kW now. Only available on systems that measure both solar and grid generation. 100% means all power used is coming from solar generation.
% Green Power	%	(S-G)/S *100 where S= Solar Energy kWh, G=grid energy kWh over the selected time period. Only available on systems that measure both solar and grid generation. 100% means all energy used for the time period came from solar generation.
Forecast energy	kWh	Value entered SETUP from the PVsys report for expected energy for the selected period.
Forecast Insolation	kWh m-2	Value entered in SETUP from the PVsys report for the expected insolation based on solar map values for the selected period. Used for calculating performance by comparing measured irradiance to assumed irradiance from the Pvsys model.
Forecast Revenue	\$	Expected revenue = FIT rate * Pvsys forecast energy for the selected period. Used for calculating performance by comparing actual to expected.
Energy kWh Variance	kWh	Actual energy - PVsys forecast energy Pvsys values must be entered in SETUP. Positive values indicate better than expected performance.
Insolation Variance	kWh m-2	Measured insolation - PVsys Expected insolation Pvsys insolation values from a solar map must be entered in SETUP
Revenue \$ Variance	%	Actual revenue / (PVsys expected energy * FIT rate) Positive value indicated higher than expected revenues for the selected period.
Energy % Variance	%	Actual energy / PVsys forecast energy Pvsys values must be entered in SETUP. Positive values indicate better than expected performance.
Insolation % Variance	%	Actual insolation / PVsys forecast insolation. PVsys values must be entered in SETUP. Positive values indicate more insolation (sunlight energy) received than expected for the selected period.
Revenue % Variance	%	Revenue / Expected revenue as calculated by the PVsys model. Positive values indicate better than expected performance for the selected period.

POWERWATCH

Power Ratio Yesterday		Lowest inverter power /highest inverter power at 12PM yesterday.
Energy Ratio Yesterday		Lowest inverter energy yesterday / Highest inverter energy yesterday
kWh/kWac Yesterday		Total energy / rated AC capacity yesterday. Used to compare relative output of different size systems
Actual FSH Yesterday		Amount of insolation received yesterday in FSH (full sun hours). 1 FSH = 1000 w/m2
Performance Ratio AC Yesterday		Actual energy / (AC capacity * insolation) for yesterday. Shows actual to expected output
Performance Ratio DC Yesterday		Actual energy / (DC capacity * insolation) for yesterday. Shows actual to expected output

WEATHERTRAK

Irradiance Now	W/m-2	Measured irradiance at the site now from the WeatherTrak sensor
Insolation	kWh/m-2	Measured insolation for the selected period from the WeatherTrak sensor.
Lifetime Insolation	kWh/m-2	Insolation (sunlight energy) measured by the WeatherTrak sensor since system start up

SAVINGS

Savings GHG lb	lb	Energy generated for the selected period is converted to the amount of GHG (green house gas) that would be produced burning fossil fuels to generate the same energy. The conversion rate varies by location and can be changed in SETUP
Savings EV km	km	Energy generated for the selected period is converted to the distance a typical EV could drive assuming 5km/kWh conversion rate
Savings Gasoline litre	litres	Energy generated for the selected period is converted to the amount of gasoline that would be required to produce the same energy.
Savings Notebook hr	hours	Number of hours a typical notebook computer that uses 25W could run from the energy generated over the selected period.
Revenue % Variance	%	Revenue / Expected revenue as calculated by the PVsys model. Positive values indicate better than expected performance for the selected period.

HISTORY

Views		A measure of how much use the SolarVu portal is getting. Each time a new visitor accesses the portal the view counter is incremented by 1
Last Visit	Date	Last date the SolarVu portal was accessed on line. Use this to determine if the site is still being actively used.

REPORTS

CREATE REPORTS & DOWNLOAD DATA Create PDF reports for groups of sites, sorted with different parameters including totals, for any selected time period. Use this to compare sites to each other, check utility payments and do accounting audits. For performance analysis, site data can be exported as a CSV file for further custom analysis in a spreadsheet or imported into a database.

Report configuration screen



GROUP	Name	Run Time	Sell Power Now	Output % SolarMap	Sell Size	Sell Energy	Sell Rate	Sell Revenue
Total	52		472 kW		1,168 kW	3,365 MWh		\$ 2,483,907
1	Durham College	5.7 Years	38.1 kW	100 %	70.0 kW	496,086 kWh	\$ 0.80	\$ 396,869
2	Blessed Cardinal Newman	3.4 Years	70 kW	117 %	100 kW	512,579 kWh	\$ 0.71	\$ 365,469
3	Mary Honeywell ES	2.0 Years	15.3 kW	80 %	150 kW	306,781 kWh	\$ 0.71	\$ 218,735
4	Cairine Wilson SS	2.1 Years	55 kW	55 %	100 kW	151,101 kWh	\$ 0.71	\$ 107,735
5	Kipling Collegiate Institute	3.4 Years	0 kW	75 %	40.0 kW	133,095 kWh	\$ 0.71	\$ 94,897
6	Bishop Marrocco/Thomas Merton CSS	3.2 Years	10.8 kW	98 %	30.0 kW	121,076 kWh	\$ 0.71	\$ 86,327
7	Convent Glen ES	1.9 Years	31.5 kW	83 %	50.0 kW	105,370 kWh	\$ 0.71	\$ 75,129
8	Collège catholique Samuel-Genest	1.1 Years	69 kW	95 %	74.0 kW	98,549 kWh	\$ 0.71	\$ 70,266
9	King's University College	4.5 Years	12.1 kW	70 %	20.0 kW	82,236 kWh	\$ 0.80	\$ 65,953
10	Castelfrank ES	308 Days	72 kW	83 %	100 kW	91,496 kWh	\$ 0.71	\$ 65,237

Enterprise generated CSV file saved as a spreadsheet PDF report

Num	Name	Run Time (Days)	Sell Power-Now (W)	Output-% SolarMap	Sell Size (W)	Sell Energy (kWh)	Sell Rate	Sell Revenue
1	Our Lady of Fatima Catholic Elme	46,800	110.60%	100,000	430752	50.71	\$207,126	
2	Durham College	2,066	31,196	100.20%	70,000	429471	50.80	\$397,177
3	South March PS	1,505	7,072	79.50%	10,000	42395	50.80	\$34,161
4	Beaver Brae Secondary School	1,893	5,412	66.70%	10,000	44958	50.80	\$33,967
5	St. Joseph's Catholic High School	1,556	5,097	102.30%	10,000	56712	50.80	\$45,483
6	St. Paul CES	1,893	4,194	61.00%	10,000	41149	50.80	\$32,919
7	St. John Catholic High School	1,556	3,406	86.10%	10,000	48823	50.80	\$49,156
8	Poouce Coupe Elementary School	1,787	3,182	42.90%	5,000	20029	50.07	\$1,442
9	Georgian Bay Secondary School	1,893	2,988	77.20%	10,000	52022	50.80	\$41,617
10	Forest Glen Public School	1,893	2,988	73.80%	10,000	49775	50.80	\$39,820
11	Stittville PS	1,505	2,784	89.20%	10,000	47821	50.80	\$38,352
12	St. James Catholic High School	1,488	2,170	73.00%	10,000	39683	50.80	\$31,024
13	Queen Elizabeth PS	1,505	1,973	97.00%	10,000	33890	50.80	\$28,794
14	Sir Guy Carleton SS	1,648	1,871	88.40%	10,000	31859	50.80	\$41,591
15	St. Thomas Aquinas Catholic High	1,556	1,794	93.40%	10,000	51778	50.80	\$41,526
16	West Carleton SS	1,505	1,492	83.40%	10,000	44692	50.80	\$35,843
17	Nepean HS	1,505	1,473	69.70%	10,000	37374	50.80	\$29,974
18	York Street PS	1,505	1,412	94.50%	10,000	50652	50.80	\$40,623
19	Sutton Public School	1,832	852	72.70%	3,150	14944	50.80	\$11,955
20	Our Lady's School	1,868	844	102.30%	4,000	34198	50.44	\$15,047
21	Maymount Primary School	1,841	608	95.20%	2,000	13705	50.44	\$6,936
22	St. Michael Catholic High School	1,514	594	89.70%	10,000	48359	50.80	\$34,784
23	Branksome Hall	2,094	579	77.60%	3,000	13773	50.80	\$13,898
24	Bethania Lutheran Primary School	1,928	52	86.80%	2,800	21112	50.44	\$9,289
25	Sapphire Coast Anglican College	1,611	92	74.50%	6,660	35946	50.44	\$15,816
26	St Jean de Brebeuf CHS	2,450	42	70.70%	1,000	6105	50.80	\$4,912
27	Crescent School	2,279	36	83.80%	1,000	3362	50.80	\$4,289
28	Tweed Heads Public School	1,719	0	8.70%	5,000	3356	50.60	\$2,013
29	Bremner State High School	1,639	0	0.00%	1,000	0	50.64	50
30	Mosman Preparatory School	1,620	0	0.00%	10,000	24	50.44	\$10.55
31	Redeemer Lutheran College	1,832	0	9.20%	4,200	3192	50.44	\$1,404
32	Pialba State School	2,423	0	39.50%	6,000	25900	50.44	\$11,396

Enterprise generated PDF report

Num	Name	Run Time	Sell Power Now	Output % SolarMap	Sell Size	Sell Energy	Sell Rate	Sell Revenue
Total	52		654 kW		1,168 kW	169,381 kWh		\$ 121,242
1	Mary Honeywell ES	2.0 Years	35,260 W	164.0 %	150 kW	24,680 kWh	\$ 0.71	\$ 17,597
2	Blessed Cardinal Newman	3.4 Years	90,300 W	194.3 %	100 kW	20,913 kWh	\$ 0.71	\$ 14,804
3	Cairine Wilson ES	2.1 Years	90,960 W	121.1 %	100 kW	18,491 kWh	\$ 0.71	\$ 13,184
4	Castelfrank ES	308 Days	87,450 W	92.1 %	100 kW	17,848 kWh	\$ 0.71	\$ 12,733
5	Durham College	5.7 Years	62,883 W	167.7 %	70 kW	12,083 kWh	\$ 0.80	\$ 9,661
6	Collège catholique Samuel-Gen	1.1 Years	66,201 W	193.3 %	74 kW	12,098 kWh	\$ 0.71	\$ 8,682
7	Convent Glen ES	1.9 Years	50,720 W	176.9 %	50.0 kW	9,432 kWh	\$ 0.71	\$ 6,740
8	Carleton Heights PS	2.1 Years	30,300 W	112.0 %	50.0 kW	5,981 kWh	\$ 0.71	\$ 4,268
9	Cassandra Public School	2.2 Years	0 W	134.5 %	30.0 kW	4,313 kWh	\$ 0.71	\$ 3,075
10	King's University College	4.5 Years	13,040 W	162.6 %	20.0 kW	3,474 kWh	\$ 0.80	\$ 2,786
11	Bishop Marrocco/Thomas Merton	3.2 Years	16,401 W	104.7 %	20.0 kW	3,296 kWh	\$ 0.71	\$ 2,392
12	Earl Jeanes	3.4 Years	3,370 W	103.7 %	12.0 kW	2,305 kWh	\$ 0.80	\$ 1,869
13	Manorville Duple CSS	6.2 Years	6,898 W	186.7 %	10.0 kW	1,762 kWh	\$ 0.80	\$ 1,428
14	Uxbridge Marrocco CSS	4.1 Years	0 W	161.4 %	10.0 kW	1,775 kWh	\$ 0.80	\$ 1,383
15	Farm Avenue Public School	3.4 Years	0 W	160.3 %	10.0 kW	1,712 kWh	\$ 0.80	\$ 1,373
16	Crey Highlands Secondary School	4.0 Years	0,066 W	169.6 %	10.0 kW	1,705 kWh	\$ 0.80	\$ 1,362
17	Our Lady of Lourdes CS	4.1 Years	0 W	159.3 %	10.0 kW	1,703 kWh	\$ 0.80	\$ 1,365
18	Encke-Elmestaine Harmonie	3.6 Years	1,640 W	147.7 %	10.0 kW	1,684 kWh	\$ 0.80	\$ 1,341
19	Nepean HS	4.1 Years	5,448 W	149.7 %	10.0 kW	1,600 kWh	\$ 0.80	\$ 1,283
20	Forest Glen Public School	3.6 Years	4,800 W	147.0 %	10.0 kW	1,590 kWh	\$ 0.80	\$ 1,272
21	Encke St Denis	3.3 Years	4,750 W	147.0 %	10.0 kW	1,626 kWh	\$ 0.80	\$ 1,231
22	Blair Road Public School	3.7 Years	1,638 W	137.0 %	10.0 kW	1,482 kWh	\$ 0.80	\$ 1,189
23	Forest Heights Collegiate	3.6 Years	0 W	136.6 %	10.0 kW	1,482 kWh	\$ 0.80	\$ 1,173
24	École publique de la Descente	6.2 Years	3,600 W	120.8 %	10.0 kW	1,358 kWh	\$ 0.80	\$ 1,118
25	D. Roy Kennedy PS	4.1 Years	7,866 W	120.8 %	10.0 kW	1,300 kWh	\$ 0.80	\$ 1,036
26	Jersey Public School	6.2 Years	8,068 W	114.6 %	10.0 kW	1,236 kWh	\$ 0.80	\$ 988
27	Cardinal Carter C.H.S.	3.0 Years	714 W	113.6 %	10.0 kW	1,214 kWh	\$ 0.80	\$ 974
28	Hillcrest Community School	4.4 Years	0 W	111.4 %	10.0 kW	1,190 kWh	\$ 0.80	\$ 969
29	College Notre Dame Solar Array	3.3 Years	4,206 W	108.0 %	10.0 kW	1,162 kWh	\$ 0.80	\$ 900
30	Father Michael McGivney	4.7 Years	5,868 W	83.5 %	10.0 kW	893 kWh	\$ 0.80	\$ 719
31	Jean Vanier Catholic High Scho	4.1 Years	3,000 W	81.0 %	6.75 kW	889 kWh	\$ 0.80	\$ 708
32	Unkenkome Hall	5.7 Years	2,436 W	118.4 %	3.00 kW	379 kWh	\$ 0.80	\$ 304
33	Kipling Collegiate Institute	3.4 Years	0 W	93.0 %	40.0 kW	399 kWh	\$ 0.71	\$ 282
34	Our Lady's School	6.1 Years	4 W	108.8 %	4.00 kW	497 kWh	\$ 0.44	\$ 218
35	CSI - Itanovul	2.0 Years	7,499 W	140.0 %	10.0 kW	1,456 kWh	\$ 0.12	\$ 180
36	CSI - Bishop Sheehan	2.0 Years	2,499 W	120.0 %	10.0 kW	1,393 kWh	\$ 0.12	\$ 164
37	CSI - Farnlake	1.4 Years	0 W	127.0 %	8.00 kW	1,340 kWh	\$ 0.12	\$ 137
38	CSI - St John A McDonald	1.0 Years	7,891 W	134.9 %	10.0 kW	1,441 kWh	\$ 0.08	\$ 115
39	Maymount Primary School	6.0 Years	0 W	91.3 %	2.00 kW	246 kWh	\$ 0.44	\$ 108

- REPORT** Create, edit or delete a group by clicking the Edit button or arrow shortcut.
- CONFIGURE** Select the Group, Profile and Period for the report. Click on a column header to sort by that parameter. For example, highest to lowest revenue by site for the selected time period.
- FORMAT** Select PDF to receive a formatted PDF report like that shown or CSV to receive a text file that can be imported into a spreadsheet for further analysis.
- DOWNLOAD** The PDF or data file will be downloaded to your computer and stored in a location determined by your browser settings.
- OPEN REPORT** Print the PDF or open the CSV file with a spreadsheet program. Create and save multiple reports for different purposes by site or the whole portfolio.

SMART ENTERPRISE - SETUP

SETUP Make changes to your Enterprise account by clicking the SETUP link under the banner. The username is fixed but the administrator password can be changed. A separate Visitor login which does not allow access to site SETUP requires a different password which can be enabled as well as a direct link to the Enterprise account with no login.

Login at www.cachelan.com with Enterprise username & password

Enterprise SETUP settings

1. **ENTERPRISE LOG IN** Go to www.cachelan.com and enter your Enterprise administrator username and password provided by Cachelan.
2. **SETUP** Click the SETUP link under the banner to make changes to the Enterprise account. Administrator privileges using the administrator password to access the Enterprise account are required.
3. **ADMINISTRATOR PASSWORD** Change the default administrator password and click Save in the Login panel. The administrator password should only be given to staff that have authority to make changes to every site. Each site has its own direct SETUP login password which is different from the Enterprise password.
4. **VISITOR ACCESS** For read only viewing of all sites using the Enterprise account, enable a visitor password. This access hides the Setup button for each site to prevent changes. It is suitable to distribute to O&M staff. Save a different visitor password than the administrator password for logging in with the same username to deny change access.
5. **DIRECT VISITOR LINK** Check the Enable box to create a direct link to the Enterprise account that does not require a password to view the Enterprise account for faster access. Using this method only viewing is allowed, no site changes can be made. Distribute the Visitor Link which can be book-marked in a browser for single click access to the Enterprise account.
6. **FORGOT PASSWORD** If you can't remember your password when entering the username at the login screen, click the Forgot Your Password? link and the password will be sent to the Reminder Email that you enter here.
7. **BANNER NAME & TIME ZONE** Enter the account name that you wish to appear in the banner by entering it in the Banner Name box. For the correct time display enter your timezone which is GMT -5 for EST in North America.
8. **SAVE** Click the Save button to save all changes which come into effect immediately.