

Using the DECK Reporting Center

This document describes the features available in the DECK Reporting Center and demonstrates their correct usage.

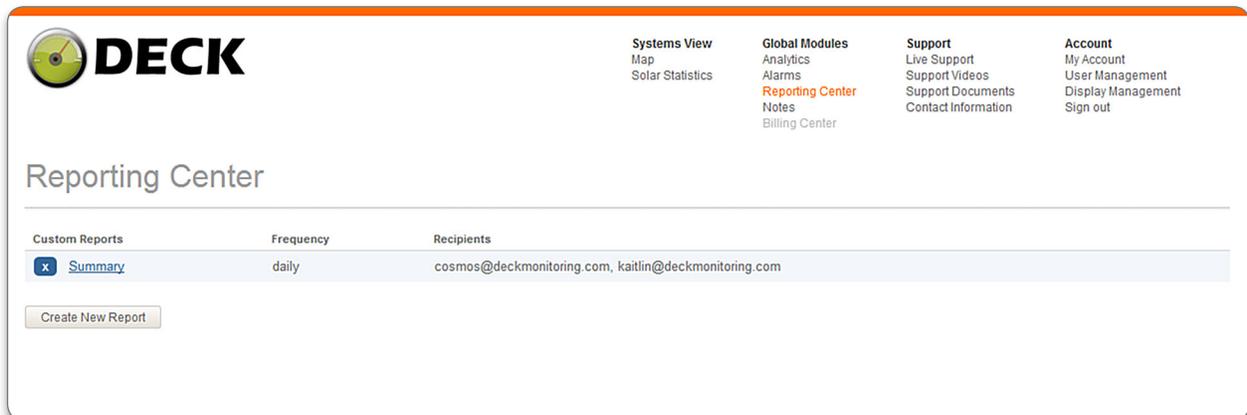
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Getting Started

To get started, log into your DECK admin panel and navigate to the 'Reporting Center' link available in the Global Modules menu.

You will see a list of your current reports and below an option to create a new report.



Creating a New Report

When you choose to create a new report, you must first give it a name and choose how frequently you would like the report generated.



- Systems View
 - Map
 - Solar Statistics
- Global Modules
 - Analytics
 - Alarms
 - Reporting Center
 - Notes
 - Billing Center
- Support
 - Live Support
 - Support Videos
 - Support Documents
 - Contact Information
- Account
 - My Account
 - User Management
 - Display Management
 - Sign out

Create a New Report

Report Name
This is the title of the report which will appear on the PDF.

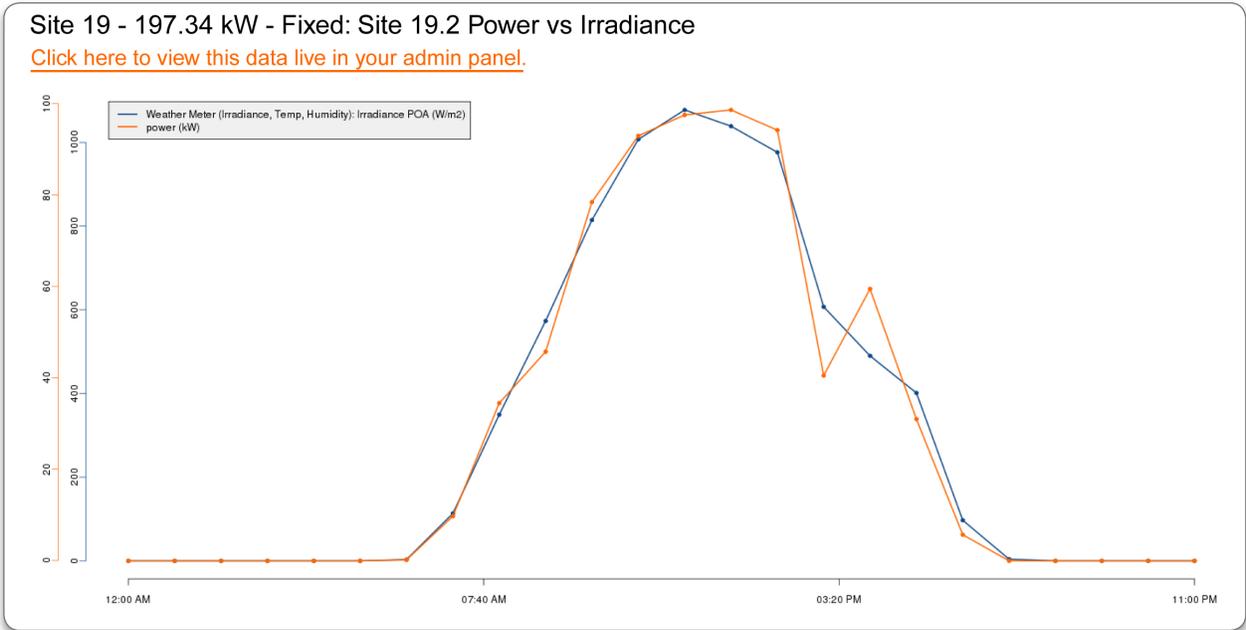
Frequency

- daily (generated every morning)
- weekly (generated every Monday)
- monthly (generated the 1st of every month)
- quarterly (generated January 1, April 1, July 1 and October 1)
- yearly (generated January 1)

Baseline/Performance Summary Table
Enabling this option will show a generation summary of locations with generation baselines. This table will show a comparison of actual to baseline for YTD, MTD, and the previous period.

Choice of frequency also affects the granularity of the available data. For instance, a daily report will show you 24 hours of hourly data from your site while a weekly report will show you 7 days of daily data.

The granularity used here is identical to the granularity available in the analytics section of each site. The analytics area is an excellent place to experiment with available frequency metrics... looking at the resulting graphs can help you determine your most useful data sets.



Baseline/Performance Summary Table

If you choose to include a Baseline/Performance Summary Table then you will receive a small table at the end of your report which offers an overview of your portfolio with each site's performance and baselines.

quarterly (generated January 1, April 1, July 1 and October 1)
 yearly (generated January 1)

Baseline/Performance Summary Table

Enabling this option will show a generation summary of locations with generation baselines. This table will show a comparison of actual to baseline for YTD, MTD, and the previous period.

Setting monthly generation baselines is required for systems to appear in the table.

Include summary table

Locations and Presets

You MUST select at least one graph for your report to display correctly.

Baseline/Performance Summary Table

System	YTD Baseline	YTD Actual	YTD Delta	MTD Baseline	MTD Actual	MTD Delta	Yesterday Baseline	Yesterday Actual	Yesterday Delta
Site 01 - 495.69 kW - Tracker	214,823	242,688	13%	6,554	7,487	14%	3,277	3,720	14%
Site 02 - 197.34 kW - Fixed	84,419	99,784	18%	2,051	2,597	27%	1,025	1,302	27%
Site 04 - 98.67 kW - Fixed	42,335	49,558	17%	1,028	1,169	14%	514	600	17%
Site 05 - 197.34 kW - Fixed	83,837	88,446	5%	2,037	2,579	27%	1,018	1,309	29%
Site 06 - 98.67 kW - Fixed	42,366	46,774	10%	1,030	1,301	26%	515	640	24%
Site 07 - 197.34 kW - Fixed	84,490	57,940	-31%	2,036	2,485	22%	1,018	1,245	22%
Site 08 - 296.01 kW - Tracker	130,236	111,753	-14%	3,982	3,728	-6%	1,991	1,812	-9%
Site 09 - 98.67 kW - Fixed	42,395	49,794	17%	1,030	1,272	23%	515	622	21%
Site 12 - 98.67 kW - Fixed	42,085	48,058	14%	1,022	1,285	26%	511	643	26%
Site 13 - 98.67 kW - Fixed	41,993	48,271	15%	1,020	1,250	23%	510	629	23%
Site 14 - 197.34 kW - Fixed	83,670	101,024	21%	2,033	2,674	32%	1,016	1,357	34%
Site 15 - 98.67 kW - Fixed	42,209	50,083	19%	1,025	1,296	26%	512	634	24%
Site 16 - 197.34 kW - Fixed	84,021	95,211	13%	2,041	2,581	26%	1,020	1,302	28%
Site 17 - 98.67 kW - Fixed	42,335	50,581	19%	1,028	1,341	30%	514	680	32%
Site 18 - 197.34 kW - Fixed	84,179	100,727	20%	2,047	2,663	30%	1,023	1,345	31%
Site 19 - 197.34 kW - Fixed	84,009	94,318	12%	2,042	0	-100%	1,021	0	-100%
TOTAL	1,229,402	1,335,010	9%	32,006	35,708	12%	16,000	17,840	12%

Locations and Presets

In Locations and Presets we get to the meat of the reporting center. Graphs from your site(s) make up the bulk of the reports and it is here that you can choose which graphs you would like to include.

Locations and Presets

You **MUST** select at least one graph for your report to display correctly.

Select presets for your custom report from the list below. Any standard or custom presets you have created will be available. Reports may combine presets from multiple locations.

Due to PDF rendering limitations, bar graphs will be rendered as line graphs in these reports.

[Andre Agassi Preparatory Academy](#)
[Audio Visual](#)
[BJCRA](#)
[Basalt Library](#)
[Centro Fox](#)
[College of the Sequoias](#)
[DECK Monitoring](#)
[Denver International Airport](#)
[National Grid NEDC](#)
[Punahou School](#)
[Roosevelt Crossing](#)
[SAIT - TransAlta Solar Research System](#)
[Sustainable Centennial](#)
[UO Lillis Complex](#)

[DECK Monitoring](#)

Denver International Airport

- Generation vs. Baseline
- Inverter Data
- Irradiance Vs Power Scatter Plot
- Irradiance vs. kW
- Volts + Amps
- Weather

[National Grid NEDC](#)
[Punahou School](#)

When clicking on each site, you are given the current list of analytics graphs. Any or all of these can be included in your report.

If you do not see the graph you would like you can create it in the site's analytics area and save it there. Once saved, revisit the reporting center and add the desired graph to your report.

Selecting Recipients

Lastly, choose the recipient(s) that you would like to receive the report via email notification. All current users within your access group will be listed here.

You can also choose to name new users with the "add" button.

Recipients

- DECK User (deckdemo@deckmonitoring.com)
- demo demo (joelbirchler+custom@gmail.com)
- Joeltest Test (joelbirchler+share@gmail.com)

You may enter multiple additional email addresses separated by commas (bill@deckmonitoring.com, nancy@deckmonitoring.com, etc).

After hitting 'save' your report will now be active and available for editing in your Reporting Center. There is no limit to the number of reports you can generate. Please feel free to experiment and find the report(s) which best serve your needs.