

Managing Peak Load Contribution

Reduce usage during peak periods this summer and save money all next year.

Peak Load Contribution (PLC) is a voluntary program that lets you significantly reduce the capacity charge (Capacity Tag) on your energy bill by curtailing electricity usage during peak events this summer.

Who this program is for

PLC is for customers with interval meters who are currently subject to PLC-based capacity charges by their utility.

How the program works

By curtailing electricity usage during any or all of the five coincident PJM peaks (5CP) that occur between June, July, August and September, you can lower your Capacity Tag and save money.

Daily Notification Email

NEXTERA™ ENERGY SERVICES

PJM PLC Daily Notification
July 25, 2016

TODAY'S SYSTEM PEAK FORECAST	PERIOD (EST)	PLC ALERT LEVEL
141,916 MW Established PLC threshold: 140,801 MW on July 16, 2016	2:00PM 6:00PM	H

Dear Jane Smith:

The probability of establishing a peak PJM load of the season today is high. Throughout the day, NextEra Energy Services will continue to evaluate the probability of today being a Peak Load Contribution (PLC) day and may announce a voluntary demand response event in the afternoon. If you receive a PLC confirmation notification this afternoon (via email, SMS, or phone call as per your notification preferences), NextEra Energy Services recommends that you reduce your electricity usage, so you can potentially save on next year's capacity charges.

To learn more about the probabilistic model used in determining the alert level and access your energy usage data, please log into your [ControlComm](#) portal.

Weekly Alert Level Forecast

MON 25	TUE 26	WED 27	THU 28	FRI 29
H 141,916 MW	M 138,716 MW	M 139,129 MW	H 142,897 MW	L 134,650 MW

2015 Established PLC Peaks

1ST	2ND	3RD	4TH	5TH
143,496MW July 26, 2015	142,897MW July 28, 2015	142,291MW July 29, 2015	141,227MW September 3, 2015	139,468MW August 6, 2015

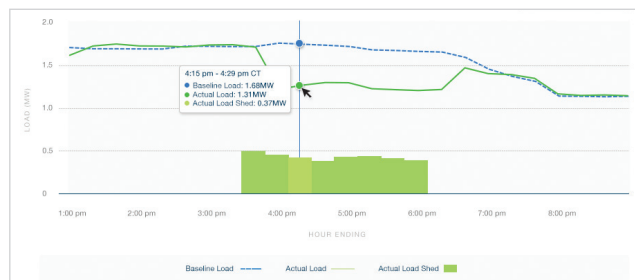
NextEra Energy Services (NES) will provide notifications to participants highlighting the probability that a given day will be a peak. The first notification will be delivered in the morning (via email). On days of higher probability, a second notice will be sent in the early afternoon specifying whether a PLC confirmation notification this afternoon (via email, SMS, or phone call as per your notification preferences), NextEra Energy Services recommends that you reduce your electricity usage, so you can potentially save on next year's capacity charges.

Through the **NextEra Energy ControlComm** platform, you have control of your energy management. Detailed charts and customizable historical usage tools help you make the best decisions about your power consumption during forecasted peak events and beyond.

Benefits include:

- Savings via Capacity Tag reductions
- Monitoring of energy usage
- Real-time and customizable historical usage analysis*

Post Event Online Analytics



*Additional costs may apply to add equipment.



How savings are generated

Energy reduction during critical peak times can result in a lower Capacity Tag. Savings can be realized by complete or partial load reductions and, depending on your ability to reduce, can be significant.

You agree to share the savings in capacity-based charges with NES according to an agreed-upon percentage split. If you choose an automated solution, there may be initial costs for equipment or you may agree to a lower initial allocation of shared savings to cover costs.

To determine the energy reduction during a peak event, a baseline load will be calculated for each customer.** The baseline represents the electricity your site would have consumed had you not curtailed usage.

EXAMPLE:

- Customer has 1 MW (1,000 kW) of load and is capable of interrupting 30% of it.
- Capacity cost is \$3.00 per 5CP kW/month; customer pays \$3,000/month (\$36,000 annually).
- NES PLC monitoring service helps customers correctly anticipate and reduce load by 30% for all 5CP intervals in a summer.

COST FOR THE FOLLOWING YEAR: \$25,200 SAVINGS: \$10,800

- A portion of these savings are paid to NES and ongoing PLC notifications would be provided to manage their future capacity charges.

Advanced analytics mean more savings and convenience

NES has teamed-up with AutoGrid Systems, a provider of data analytics and controls software for the electric grid, to deliver this service. AutoGrid's powerful forecasting models and optimization algorithms allow you to stay one step ahead of the needs of the grid and maximize your participation in demand-side management programs.

AutoGrid forecasting models leverage the most granular inputs and most advanced smart grid data, as well as external factors like weather, to predict electric load and then determine the ideal demand response strategies. This provides you with the opportunity to simply and more effectively monetize any flexibility you have in electricity consumption, without the need to be an expert in electric operations.

- AutoGrid's intelligent platform turns data into power, enabling your business tools to unlock new revenue streams and increase profitability, often with little to no impact on operations
- The **NextEra Energy ControlComm** cloud-based solution means easy access from web browsers, including mobile devices
- Integrated with your meter data for tailored results and analysis
- Configurable engagement through email, phone, SMS, and online portal
- Automated calculation of baselines provides a more accurate and transparent representation of your load shed
- Insightful reports and analytics to show your performance and provide valuable feedback
- Machine learning adapts to changes in your organization's energy usage, which helps you optimize your opportunities for energy savings (and profits) over time
- Integrated support for automated load control reduces the burden on facility staff

For more information, please visit www.nexteraenergyservices.com/solutions

** The baseline is defined by a high X of Y model. This means that we look at the past Y non-holiday weekdays, then average the X highest load days from that set to determine what you would have used. This calculation uses the highest recent historical load of your site as a benchmark for electricity consumption on event days, ensuring that the calculated load shed is as accurate as possible.

Managing Peak Load Contribution

