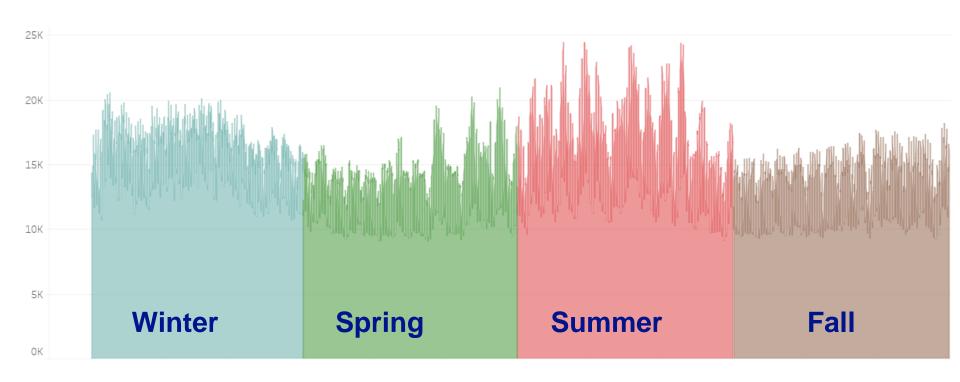
Demand Response within the Energy Efficiency Programs

Where are we in the agenda?

c) Presentation from National Grid on Demand Response (15 min, 4:05 – 4:20pm)

National Grid will present on demand response within the energy efficiency programs.

What is Demand Response and Why do We Do It?

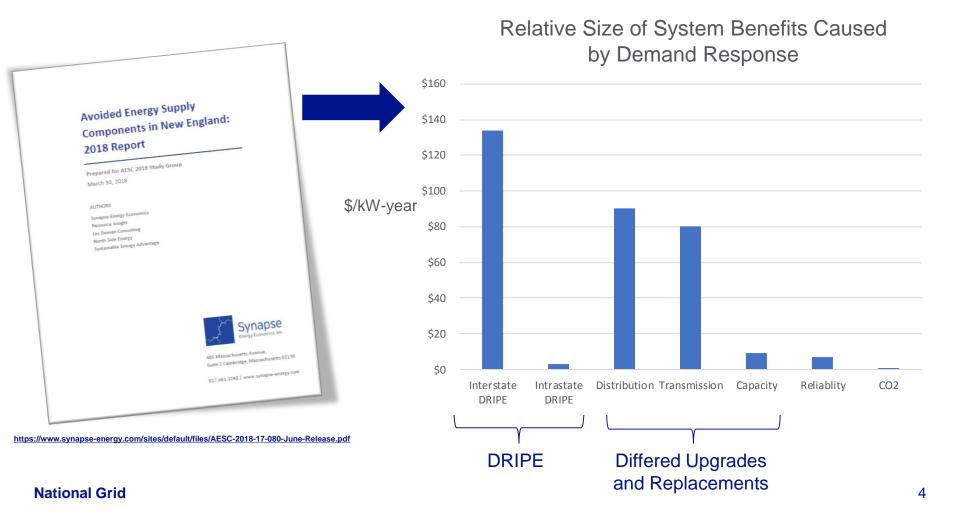


The whole grid is sized to meet the peak.

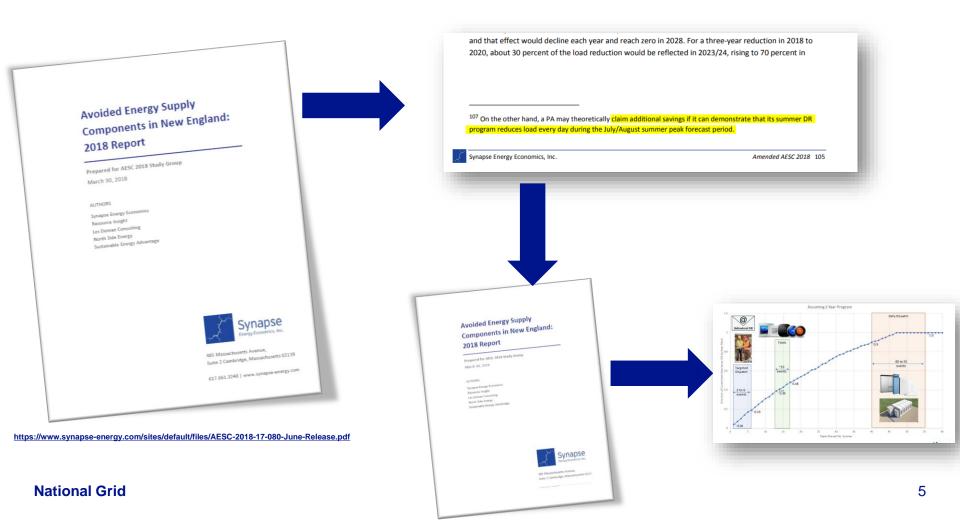
"The top 10% of hours during these year, on average, accounted for 40% of the annual electricity spend..."

How is the importance of peak loads accounted for in the Energy Efficiency Programs?

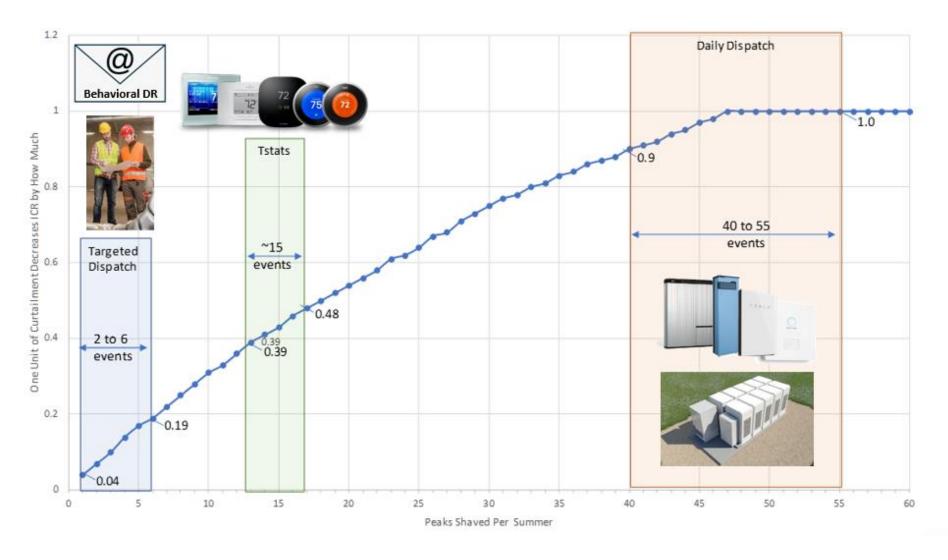
...like other benefits... Through the Avoided Cost Study



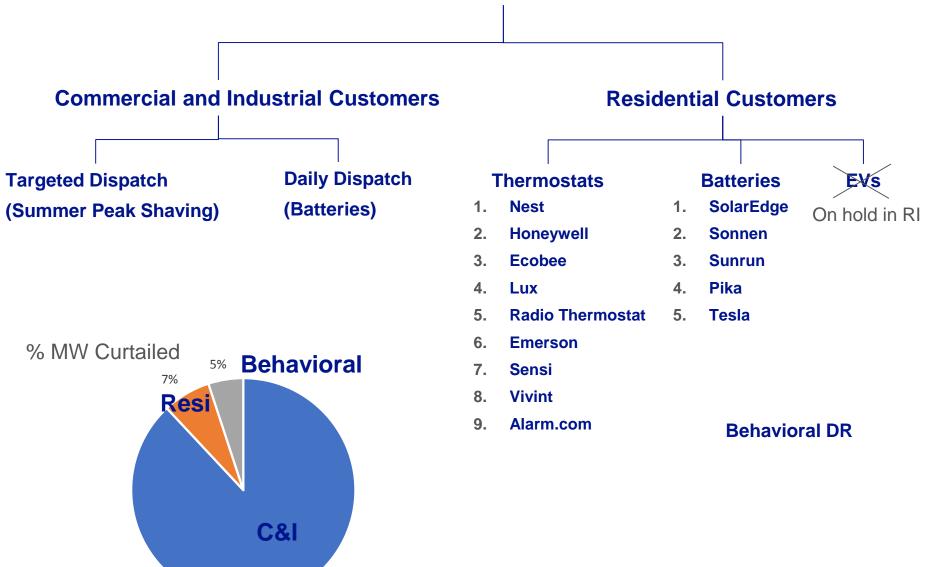
Hitting More Summer Peaks Causes More System Benefits



Portfolio of Demand Response Maximizes Benefits







88%

National Grid

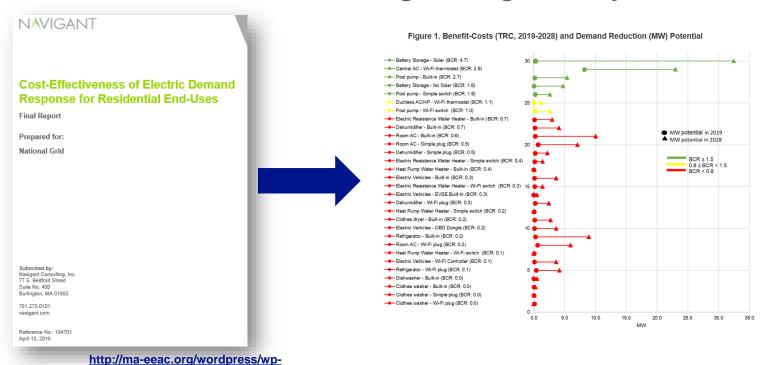
Roadmap to Expand the DR Programs

Commercial and Industrial Customers –

Reduce regulatory obstacles for battery storage

2. Residential Customers

Prioritize new devices according to Navigant Study



http://ma-eeac.org/wordpress/wp-content/uploads/Cost-Effectiveness-of-DR-for-Residential-End-Uses-Final-Report-2019-04-18.pdf

nationalgrid