



Advanced Microgrid Solutions



eCurv | AMS | Eversource Active Demand Management



BLACKSTONE
GAS COMPANY



Columbia Gas
of Massachusetts
A NiSource Company

EVERSOURCE



nationalgrid
HERE WITH YOU. HERE FOR YOU.



Program Description



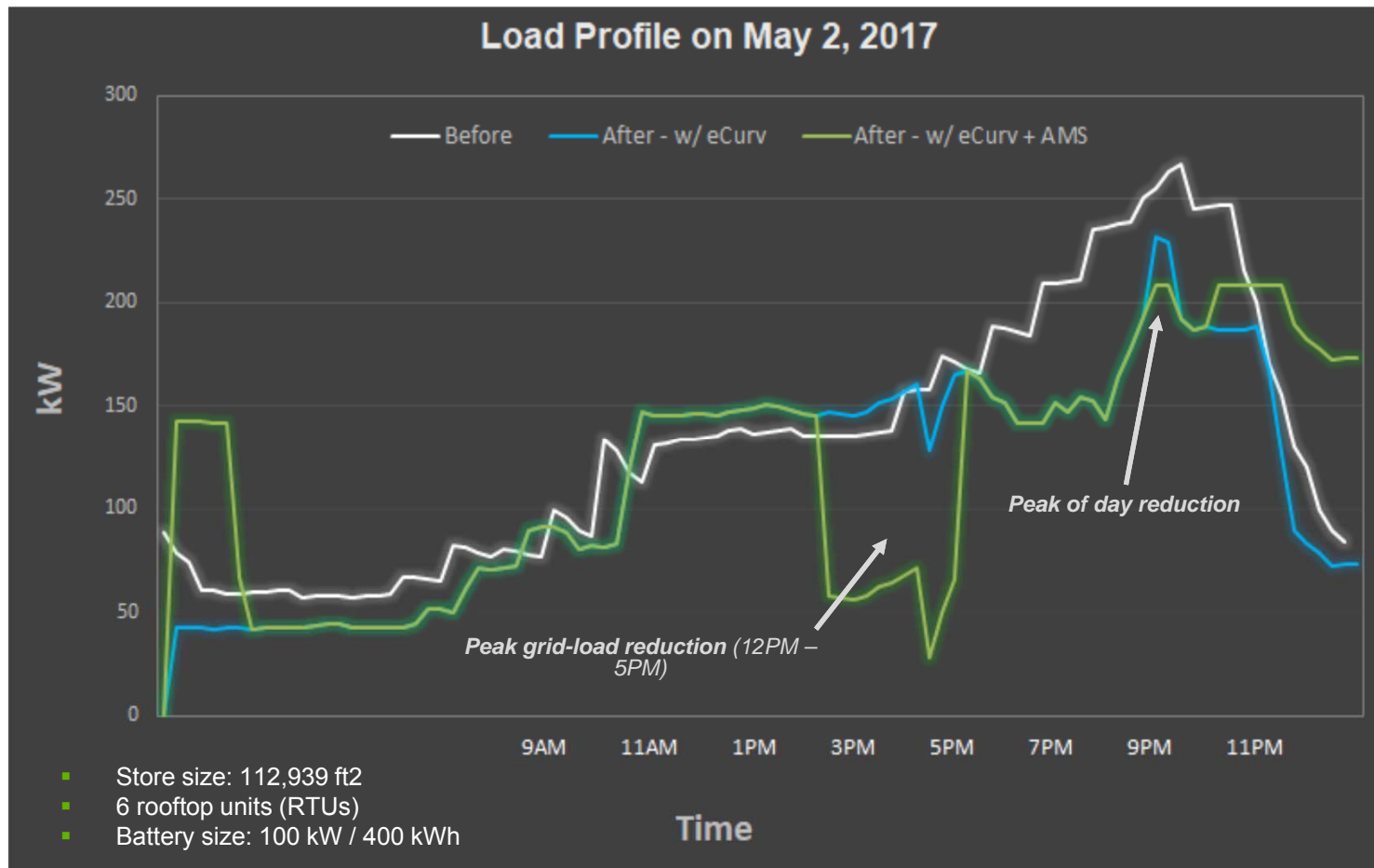
Objective: Demonstrate the incremental value achieved by combining eCurv's software & controls system and AMS's battery system as an integrated service.

- eCurv's software and controls system was integrated with a big box retailer's building automation system (BAS) to make continuous micro-adjustments to avoid the simultaneous draw of power from equipment
- AMS separately simulated the performance of its Armada battery enabled system as a standalone demand management solution for the same stores.
- After the cooling season, it was possible to feed actual field data from the eCurv enabled stores into AMS' optimization algorithm to determine if incremental demand reductions from the combined offering were possible.
- Next steps: Complete measurement and verification work, determine if this is a viable strategy at scale

Initial Results – Burlington Site



Preliminary Results



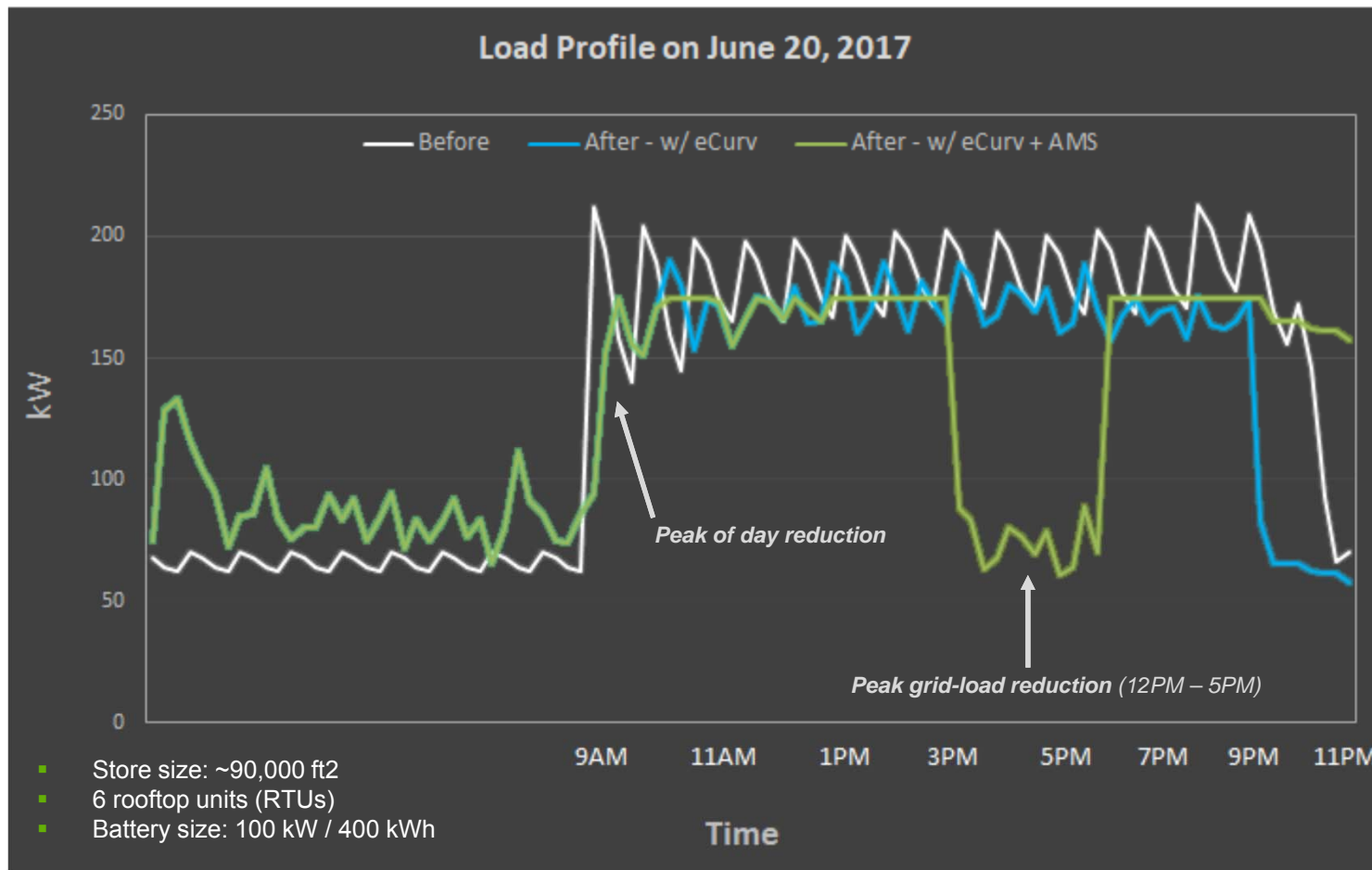
Next Steps:

- Attribution Analysis
- Determine changes in temperature and humidity
- Cost effectiveness

Initial Results – W. Springfield Site



Preliminary Results



Next Steps:

- Attribution Analysis
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- Cost effectiveness