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Connected Solutions

2024-2026 Electric Demand Response – Summer 2025 in Review

FOR EEC Meeting, February 19, 2026 and March 19, 2026

Agenda



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-
- 01** ✓ ConnectedSolutions Program Structure (February)

 - 02** ✓ Summer 2025 Review (February)

 - 03** ✓ C&I- DD and TD Summer 2025 Overview (February)

 - 04** Demand Response Value (MW)

 - 05** RSB- BYOT Summer 2025 Overview

 - 06** RSB- BES Summer 2025 Overview

 - 07** RSB- EVDR Summer 2025 Overview

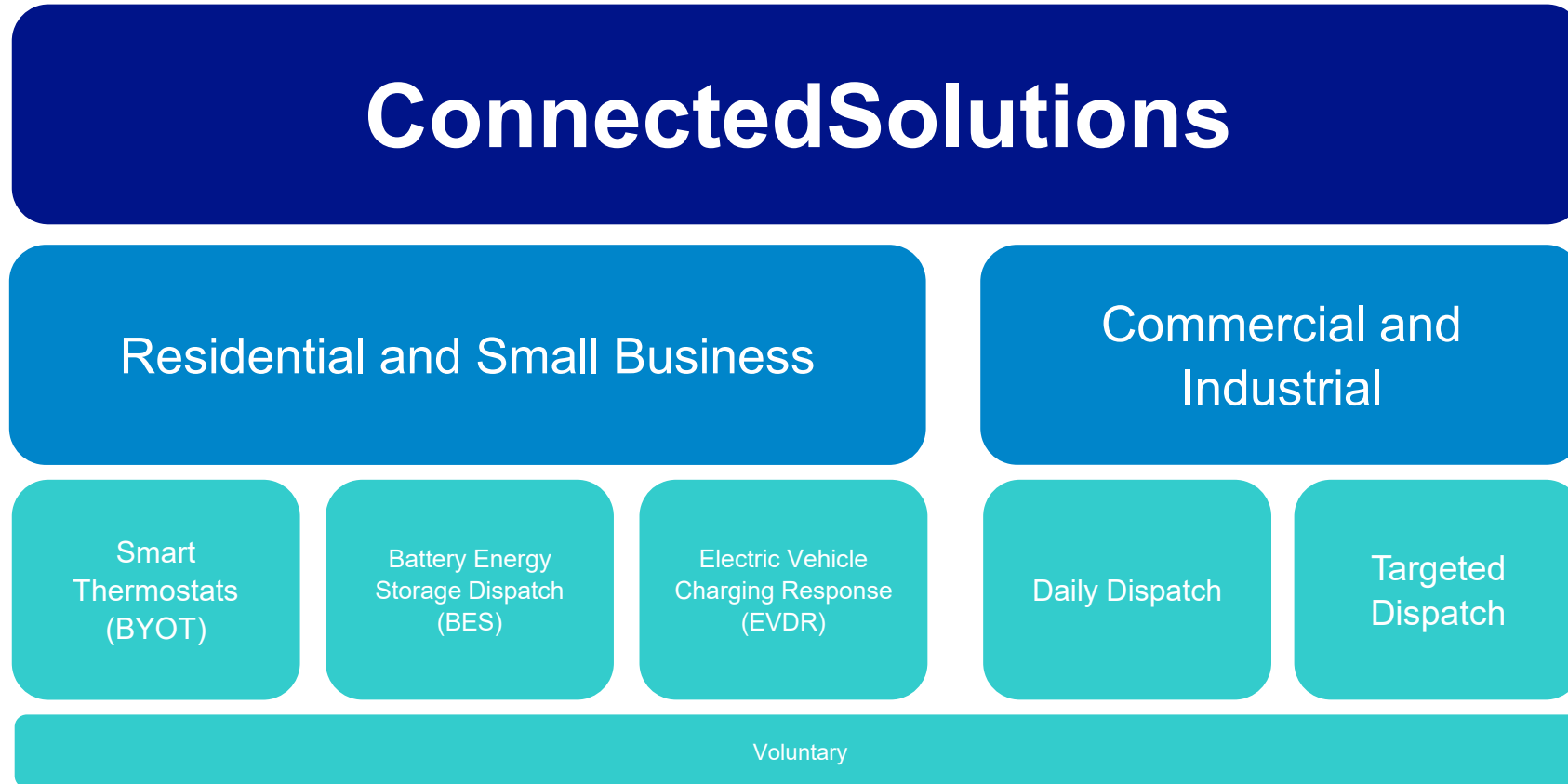
 - 08** ConnectedSolutions Estimated Program Costs & Benefits

 - 09** SRP Three Year Plan – Development Workplan

ConnectedSolutions Program Structure



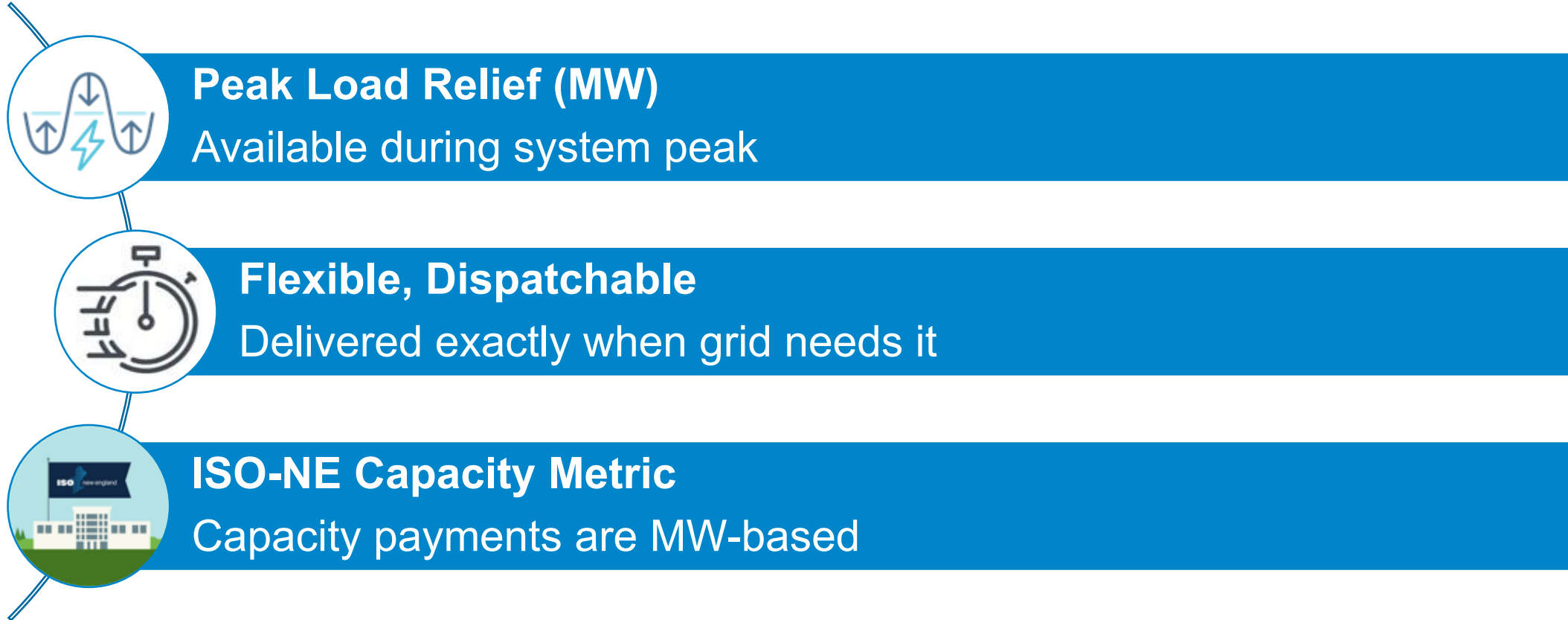
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Notes: **ConnectedSolutions** is a 'program' (shown in navy) with two 'tracks,' the Residential and Small Business track and the Commercial and Industrial track (shown in blue). Each track has a number of 'pathways' through which to participate (shown in teal).

Demand Response Delivers MW When It Matters

Demand Response = Capacity Resource



- For Residential DR resources, we calculate an average kW contribution per device and aggregate these in **average MW**. Performance is not cumulative totals across the season.


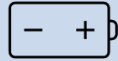



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Residential and Small Business Track (“RSB”)- 2025 Review


2025 Residential Offering Results

Residential Program Offering	Target (End of 2025 Calendar Year)		Summer 2025 Results (As of September 30, 2025)		End of Calendar Year 2025 (As of December 31, 2025)	
	Device Enrollments	Load Shed (per device)	Device Enrollments	Load Shed (per device)	Device Enrollments	Load Shed (per device)
 BYOT	19,379	0.65 kW	15,149	0.64 kW	15,791 81% of Target Reached	0.64 kW 98% of Target Reached
 BES	912	5.84 kW	977	5.34 kW	1,075 118% of Target Reached	5.34 kW 91% of Target Reached
 EVDR	1,250	0.32 kW	368	0.33 kW	426 34% of Target Reached	0.33 kW 103% of Target Reached

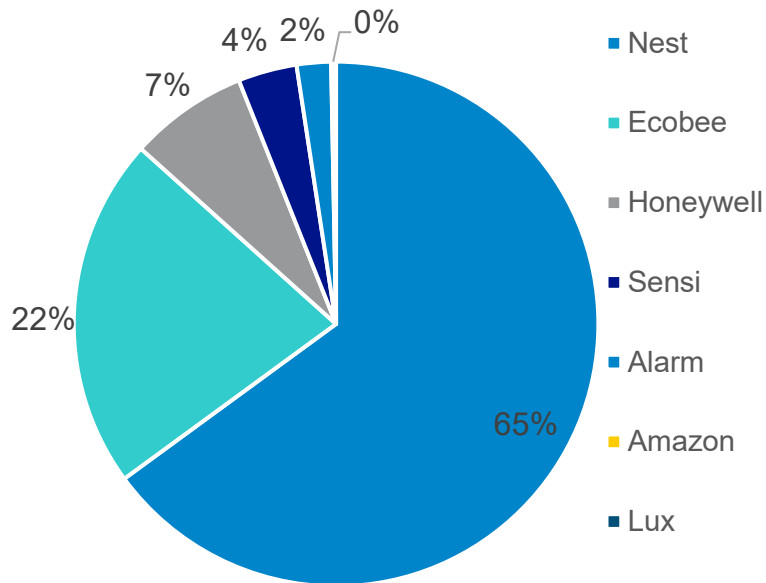
BYOT Program Objectives



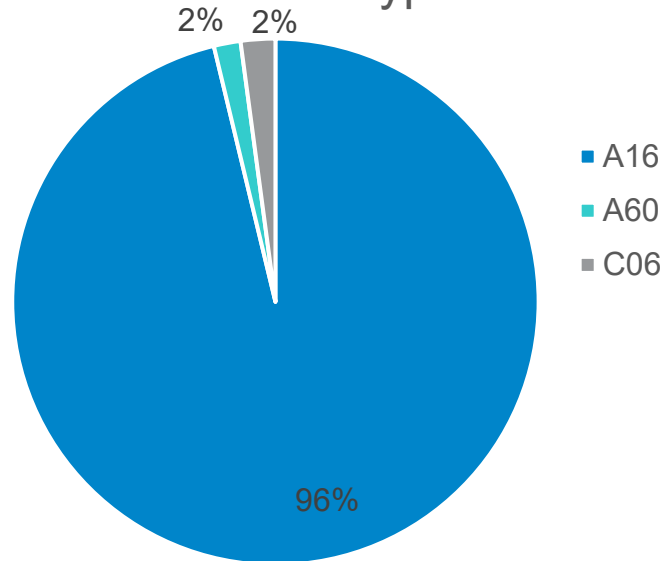
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Program Offering	Target (End of 2025 Calendar Year)		Summer 2025 Results (As of September 30, 2025)		End of Calendar Year 2025 (As of December 31, 2025)	
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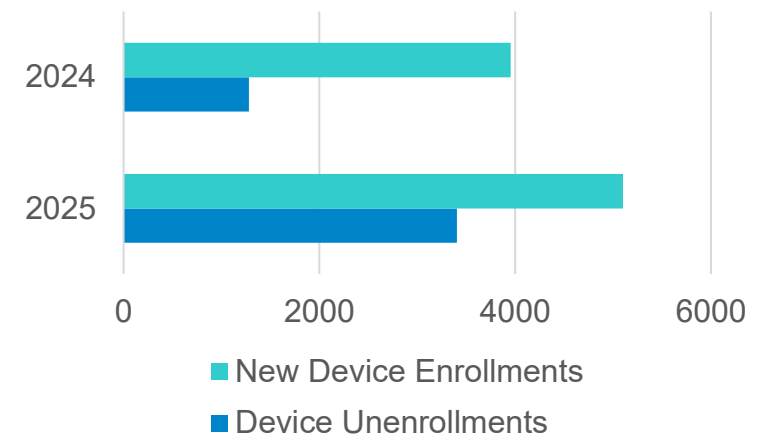
Enrollments by OEM



Enrolled Customers by Account Type



New Device Enrollments/Unenrollments by Year (thousands)



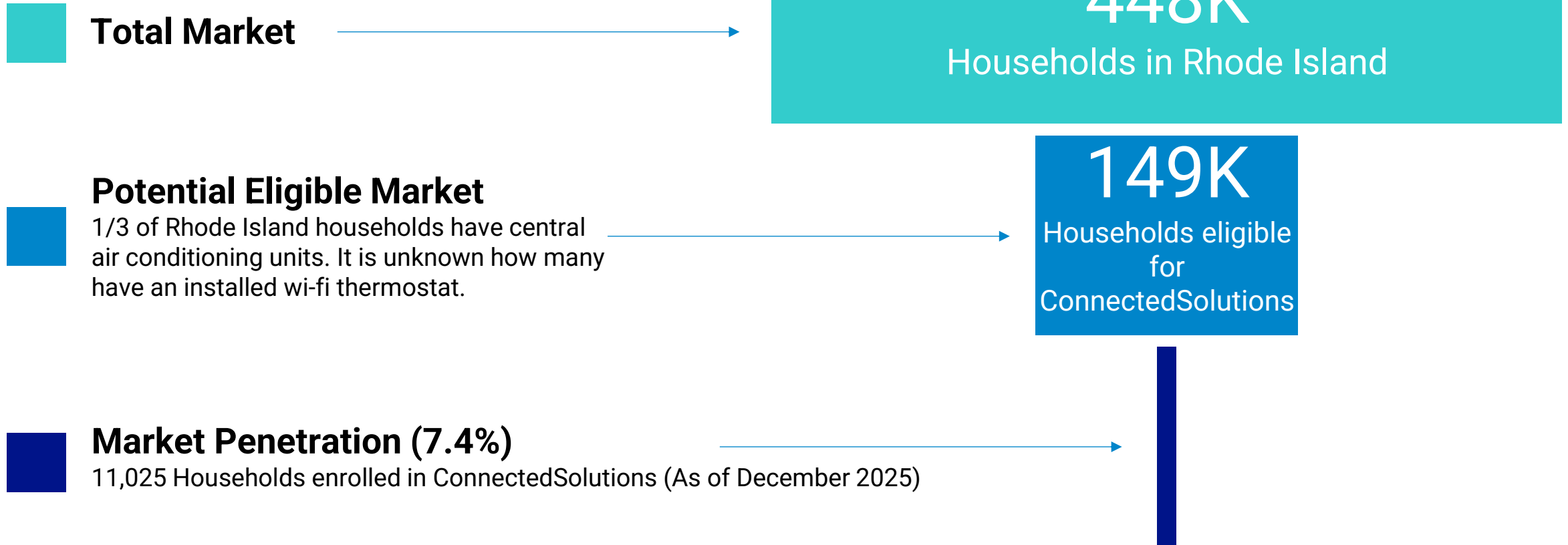
In 2025, average customer device remained in the program for 629 days.

BYOT Household Market



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Rhode Island Household Market Funnel



Note: Total Market and Potential Eligible Market values include Clear River Electric and Block Island Utilities service area households. These values do not include the small business market or C-06 rate customers who are also eligible for ConnectedSolutions.

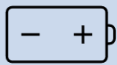
Source: [U.S. EIA, Residential Energy Consumption Survey \(RECS\), 2020 RECS Survey Data, State Data, Housing characteristics, Highlights for air](#)

[Business Use: Energy in U.S. homes by state, 2020. Final data release March 2023.](#)

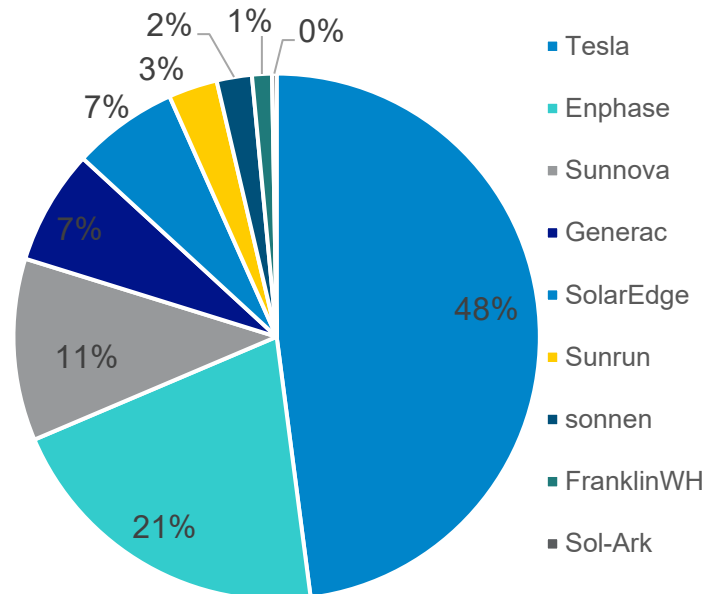
BES Program Objectives



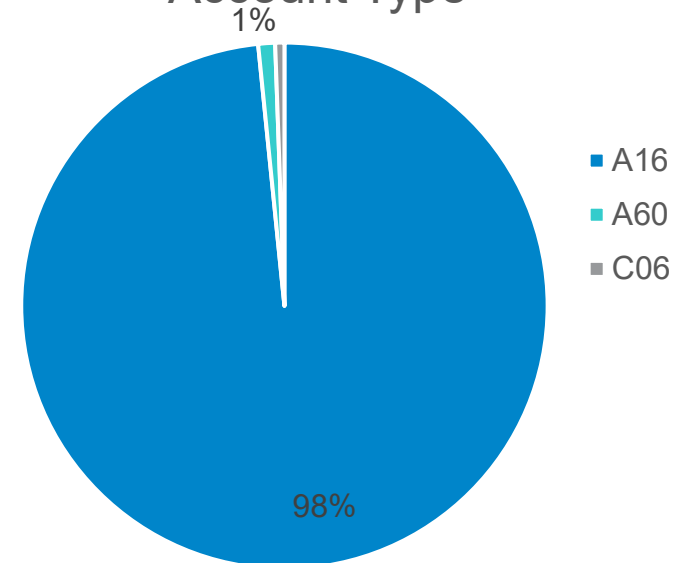
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Enrollments by OEM



Enrolled Customers by Account Type



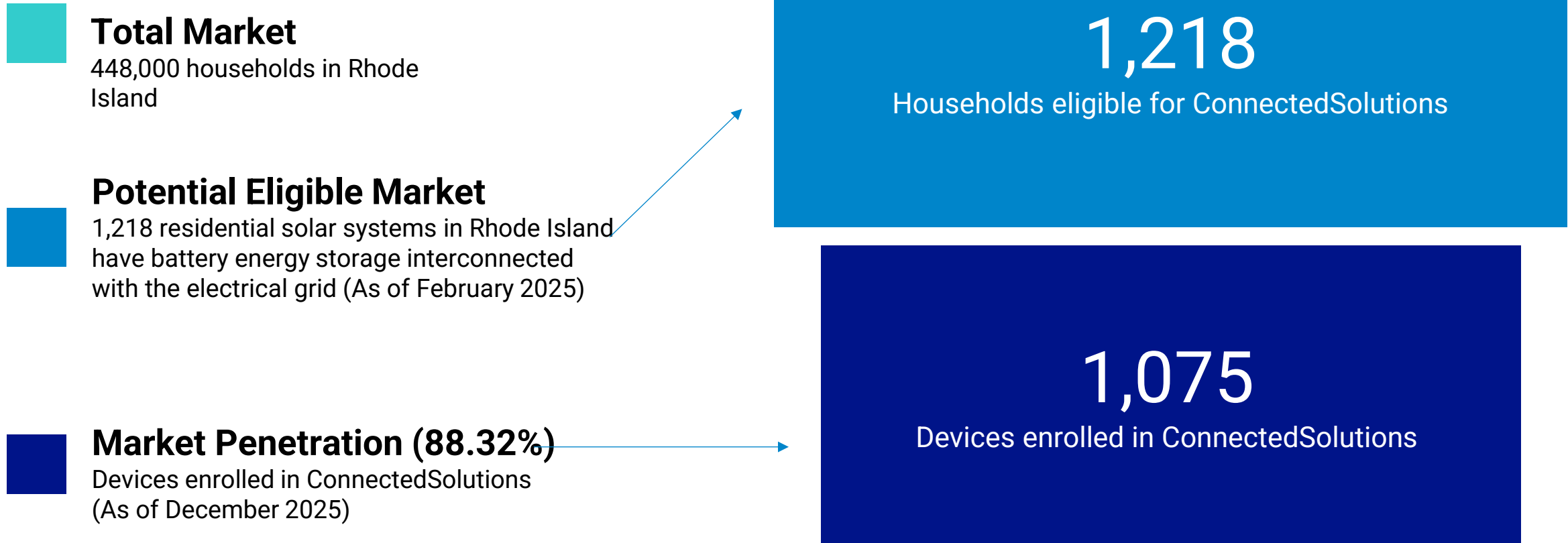
Values may change. Final values will be included in EOY report

BES Household Market



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Rhode Island Household Market Funnel



Note: Total Market and Potential Eligible Market values include Clear River Electric and Block Island Utilities service area households. These values do not include the small business market or C-06 rate customers who are also eligible for ConnectedSolutions.

Source: RI's Clean Energy Portfolio | Rhode Island Office of Energy Resources

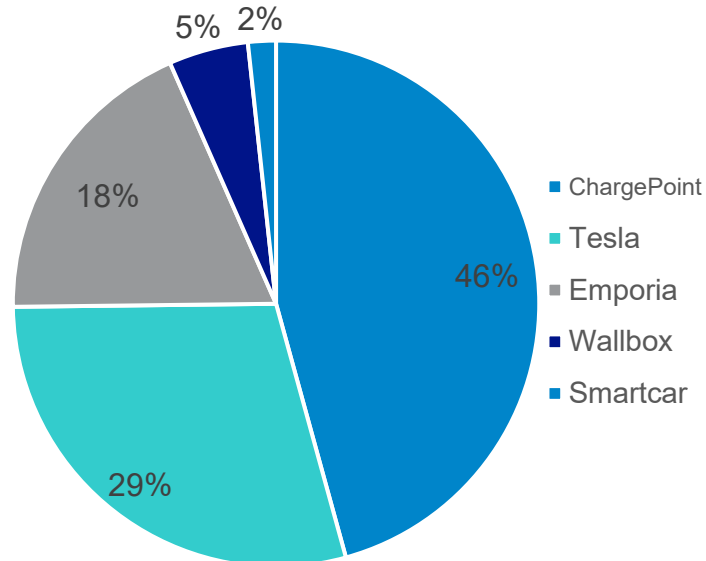
EVDR Program Objectives



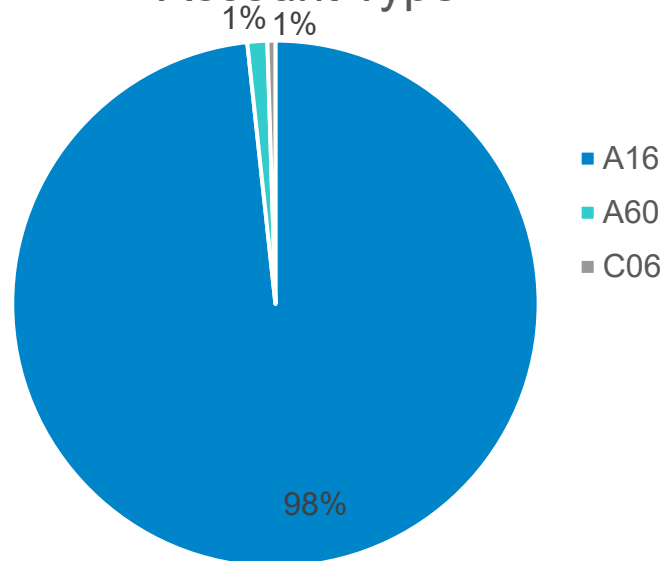
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Program Offering	Target (End of 2025 Calendar Year)		Summer 2025 Results (As of September 30, 2025)		End of Calendar Year 2025 (As of December 31, 2025)	
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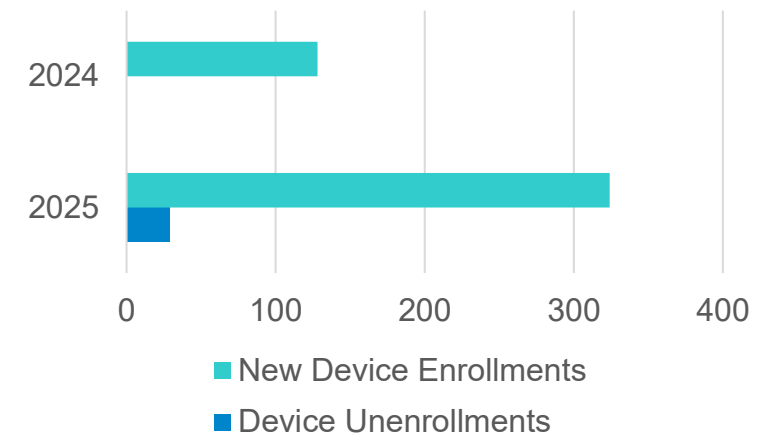
Enrollments by OEM



Enrolled Customers by Account Type



New Device Enrollments/Unenrollments by Year (thousands)

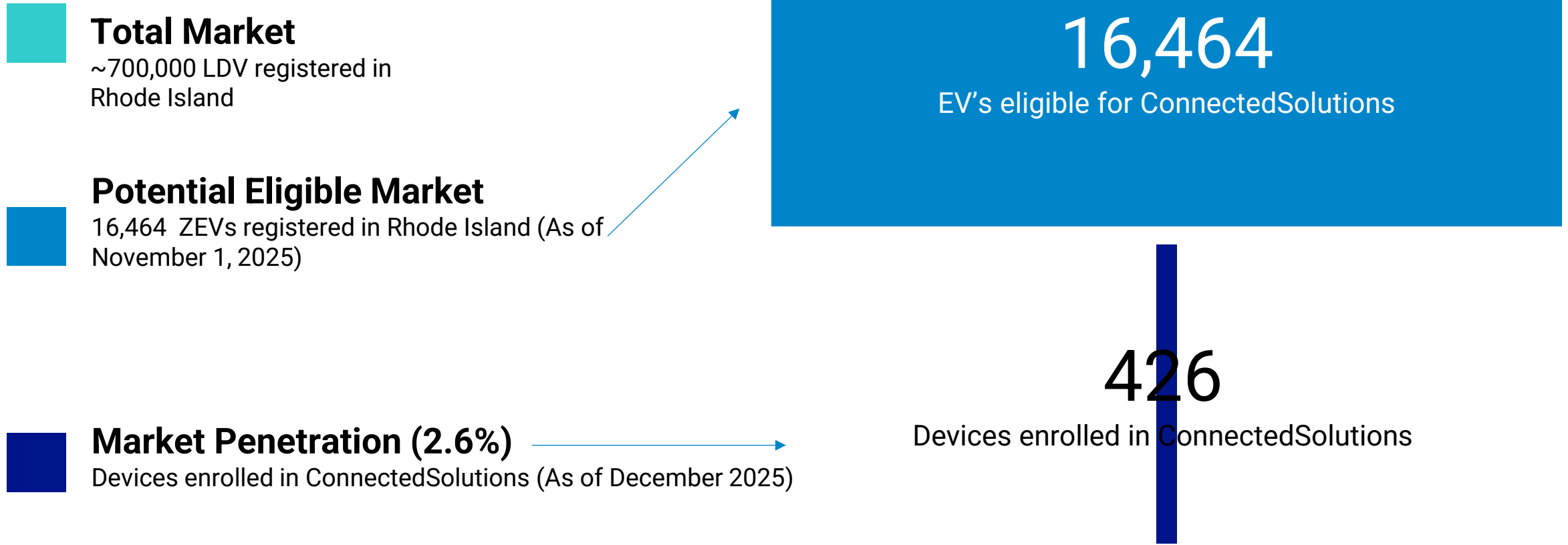


EV Household Market



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Rhode Island Household Market Funnel



Note: Total Market and Potential Eligible Market values include Pascoag and Block Island Utilities service area households. These values do not include the small business market or C-06 rate customers who are also eligible for ConnectedSolutions.

Source: RIDEM Registration Data <https://ridemgis.maps.arcgis.com/apps/webappviewer/index.html?id=f164da525c77463b98cf55b72950beb7>



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ConnectedSolutions 2025 Estimated Program Costs

2025 Program Estimated Costs



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Program Offering	Projected 2025 Customer Incentives	Estimated 2025 Customer Incentives	Projected 2025 Overall Programmatic Budget	Estimated 2025 Overall Spend
Residential	\$2,572,000	\$2,326,120 <i>90% of budgeted costs</i>	\$3,531,500	\$3,302,002 <i>94% of budgeted costs</i>
C&I	\$5,385,800	\$3,357,450 <i>62% of budgeted costs</i>	\$5,828,857	\$3,634,285 <i>62% of budgeted costs</i>
TOTAL	\$7,957,800	\$5,683,570 <i>71% of budgeted costs</i>	\$9,360,357	\$6,936,287 <i>74% of budgeted costs</i>

82%

of total estimated 2025 costs were participant incentive costs

2025 Program Estimated Benefits

Program Offering	Estimated 2025 Overall Spend	Estimated 2025 Benefits	Estimated 2025 Net Benefits
Residential	\$3,302,002	\$3,659,772	\$357,771
C&I	\$3,634,285	\$4,062,312	\$428,027
TOTAL	\$6,936,287	\$7,722,085	\$785,798

2025 Program Benefit Streams



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	Benefits (000's)											
	Total	Capacity				Energy				Electric Energy DRIPE	Avoided RNS	Energy Price Arbitrage
		Summer Generation	Capacity DRIPE	Transmission	Distribution	Summer		Winter				
						Peak	Off Peak	Peak	Off Peak			
Residential Connected Solutions	\$3,660	\$511	\$160	\$225	\$2,016	\$7	\$0	\$0	\$0	\$0	\$675	\$65
C&I Connected Solutions	\$4,062	\$16	\$343	\$286	\$2,560	\$0	\$0	\$0	\$0	\$0	\$858	\$0
Grand Total	\$7,722	\$527	\$502	\$511	\$4,576	\$7	\$0	\$0	\$0	\$0	\$1,533	\$65

Questions?



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Jessica Reno

Engineer II, C&I Demand Response and FCM
(508) 530-1844
JEReno@rienergy.com

Allison Archambault

Sr. Program Manager, Electric Transportation and Residential Demand Response
(401) 824-6038
ARArchambault@rienergy.com

ConnectedSolutions Customer Service

rienergy@energyhub.com



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SRP Three Year Plan – Development Workplan

March 2026

SRP Three Year Plan – Development Workplan



Key Touchpoints & Goals:

Feb – Mar: Kickoff & Engagement

- Internal kickoff, identify key staff, develop workplan, engage stakeholders (i.e., Division, EEC, SRP TWG).

Apr – Jun: Initiate, Coordinate, & Develop first draft

- RIE begin first draft development.
- Regular engagement & coordination with Division, EEC, SRP TWG, and other stakeholders.

Jul – Aug: Refining the plan

- Summer check-in w/ Division & SRP TWG.
- Preview late draft content before EEC vote.

Sep – Oct: Full Draft review & Submission

- Final draft for stakeholder review.
- Share final materials w/Division and EEC >1 week before vote (on or before Oct 8th)
- EEC vote.

Nov: File with PUC!

- Submit Three-Year Plan & testimony to PUC.



Questions?



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THANK YOU!

Ryan Cote

Sr. Program Manager

(401) 479-1651

RCCote@rienergy.com

Carrie A. Gill, Ph.D.

Head of Electric Regulatory Strategy

(401) 895-9282

CAGill@rienergy.com

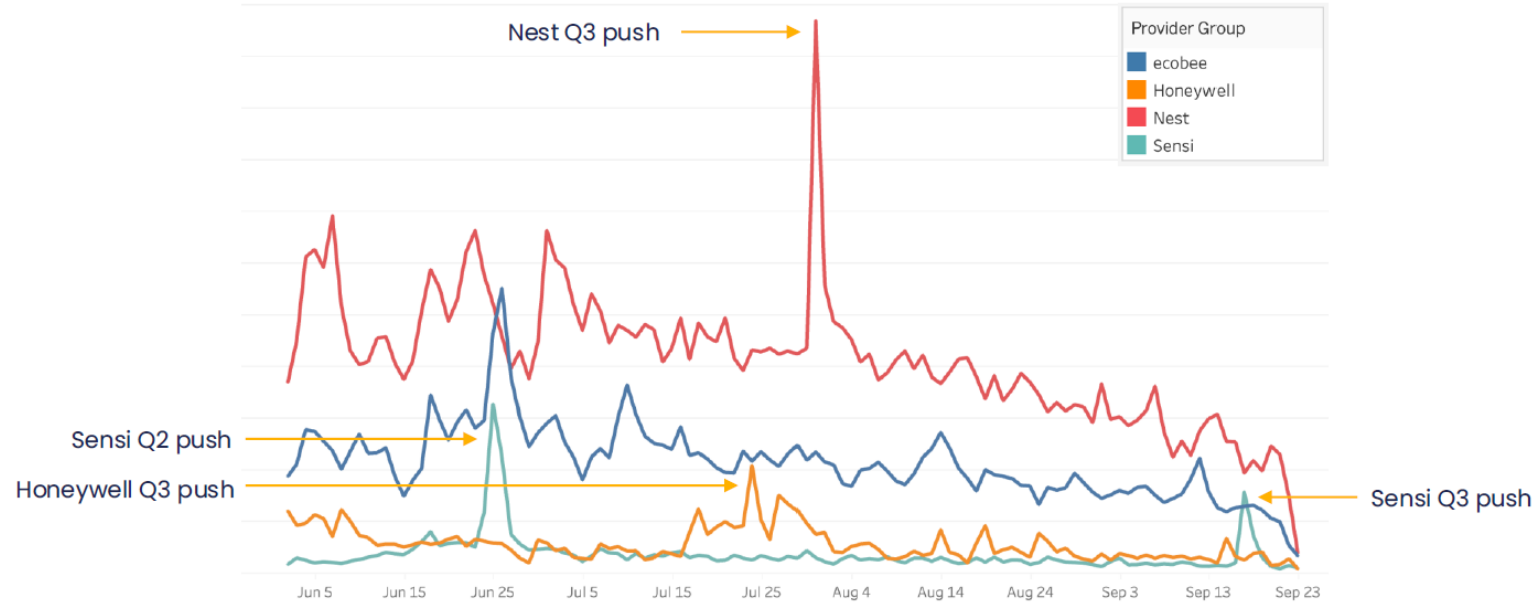


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ConnectedSolutions Extra Support Slides (as needed)

Residential Program Marketing

- BYOT Ongoing partner marketing continues to drive enrollments



- **Marketing efforts/channels included:**
 - Email
 - Social
 - Post cards
 - Direct stakeholder engagement
 - Banner ads
 - Aceso Total, Spanish speaking engagement

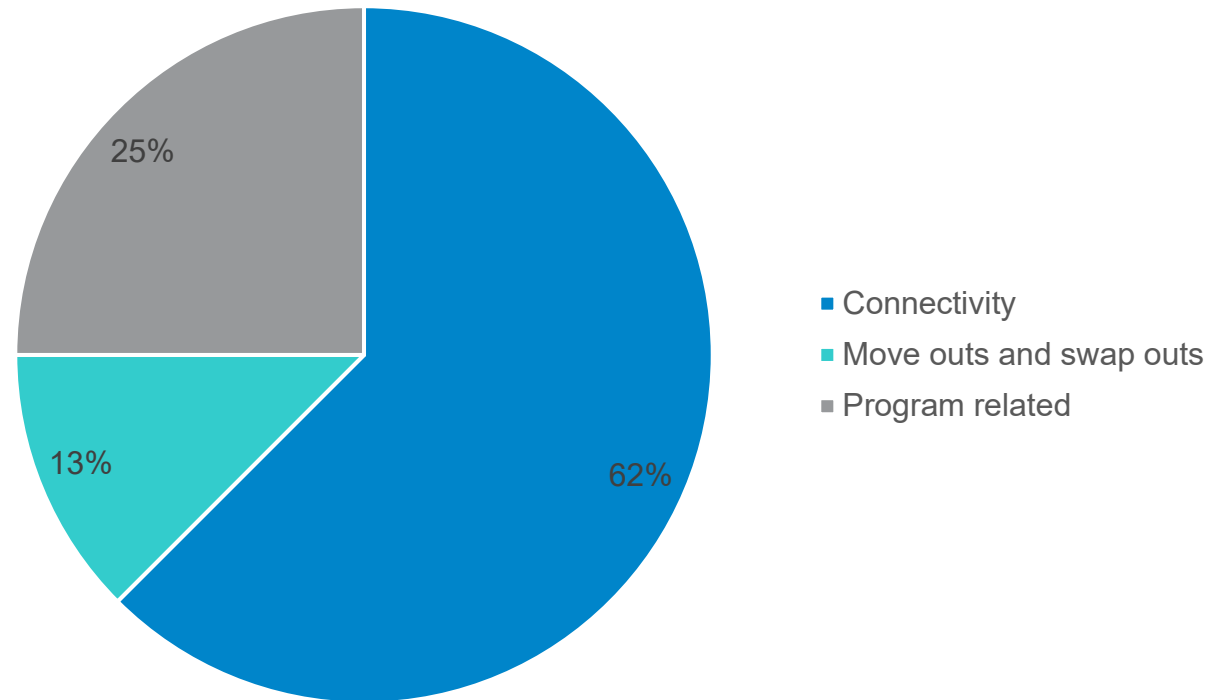
2025 Residential Program Churn



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- Connectivity was the leading cause of churn in 2025

Reason for Unenrollment (%)

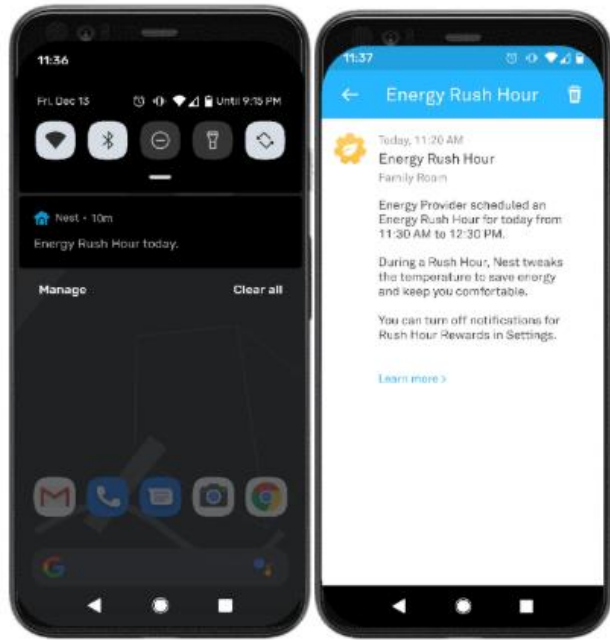


BYOT Customer Engagement/Event Notifications

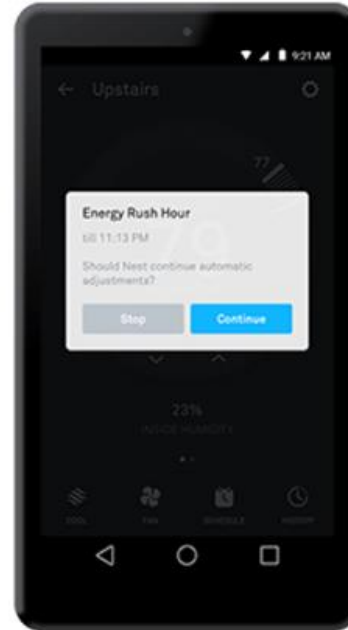


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Nest Pre Event In-App Notification



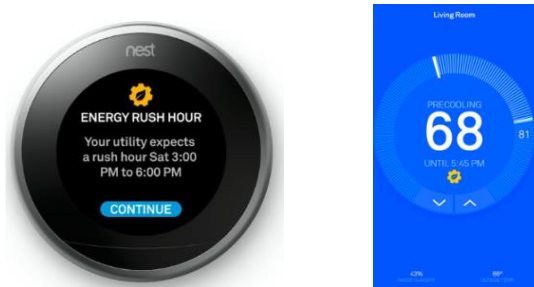
Nest During Event In-App



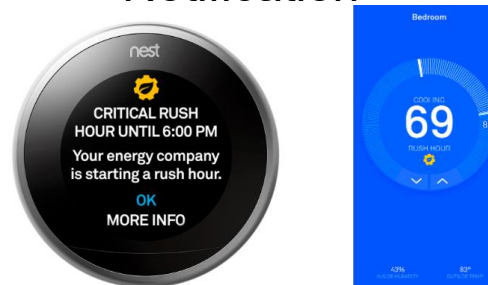
Opt Out In-App



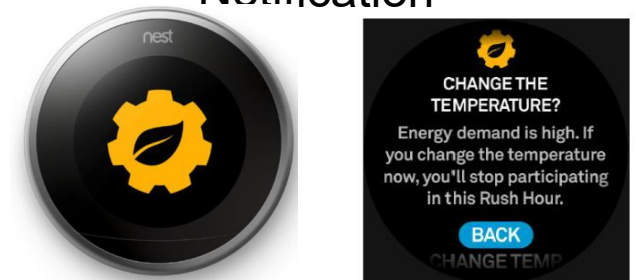
Nest Pre Event Device Notification



Nest During Event Device Notification



Nest Opt Out Device Notification



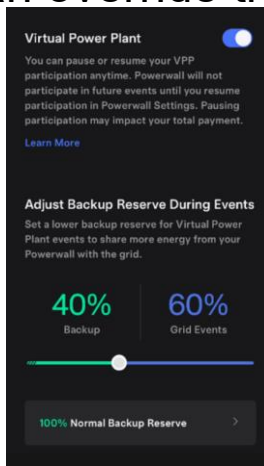
BES Customer Engagement/Event Notifications



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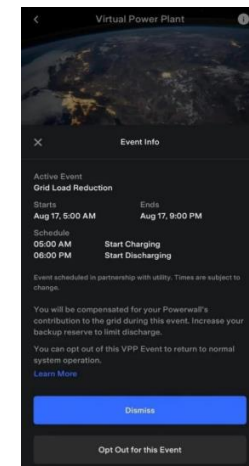
Tesla Customers can pause and resume participation by toggling the “Virtual Power Plan” option.

- If a customer turns off this toggle, a customer’s Powerwall system will not react to events when they are scheduled, and customers will not be notified of the events.
- Customers are still enrolled in the program, however, and can resume their participation at any time by toggling their participation back on.
- Backup reserve is initially set at 20% and customers can override this setting.



How Tesla participation works:

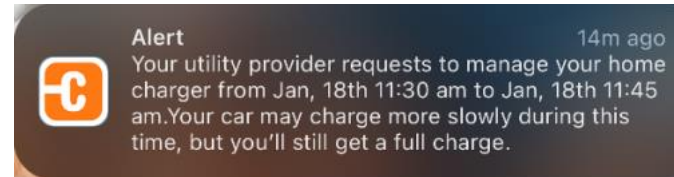
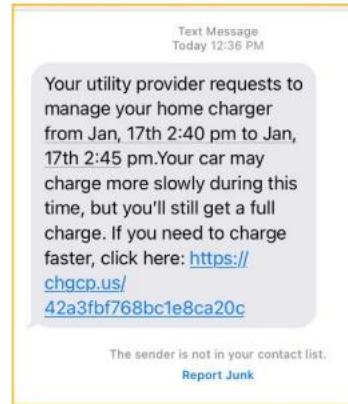
- **Pre-Event:** When an event is scheduled, customers receive a notification in the Tesla app and their Powerwall will prioritize charging in preparation.
- **During the Event:** Powerwall automatically discharges to support the grid. Powerwalls will discharge below 20% if the customer adjusts their event reserve backup setting to a level below the default threshold of 20%.
- **Post-Event:** Once an event is over; Powerwall returns to normal operations.



EVDR Customer Engagement/Event Notifications

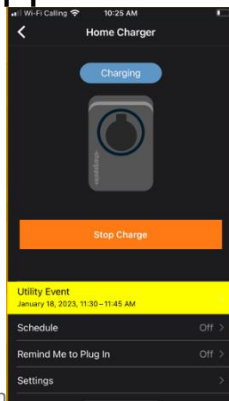
ChargePoint Customers are notified in three ways when an event is scheduled:

- Email
- Text Message
- Push Notification

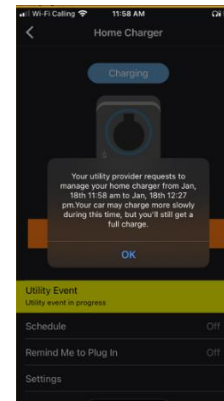


Customers can customize which event notifications they receive depending on their preference in-app.

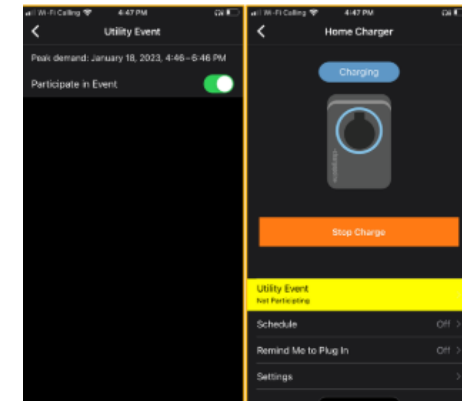
ChargePoint Before Event App Notification



ChargePoint During Event App Notification



ChargePoint Opt Out App Notification





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Slides reviewed during EEC Meeting, February 19, 2026

Summer DR Events



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Program Offering	Total # of Events in 2024	Total # of Events in 2025
BYOT (no more than 15 events)	15	15
BES (no more than 60 events)	42	42
EVDR (no more than 60 events)	N/A	42
Daily Dispatch (no more than 60 events)	41	42
Targeted Dispatch (2-8 events)	4	6

Jun-25						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Jul-25						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Aug-25						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

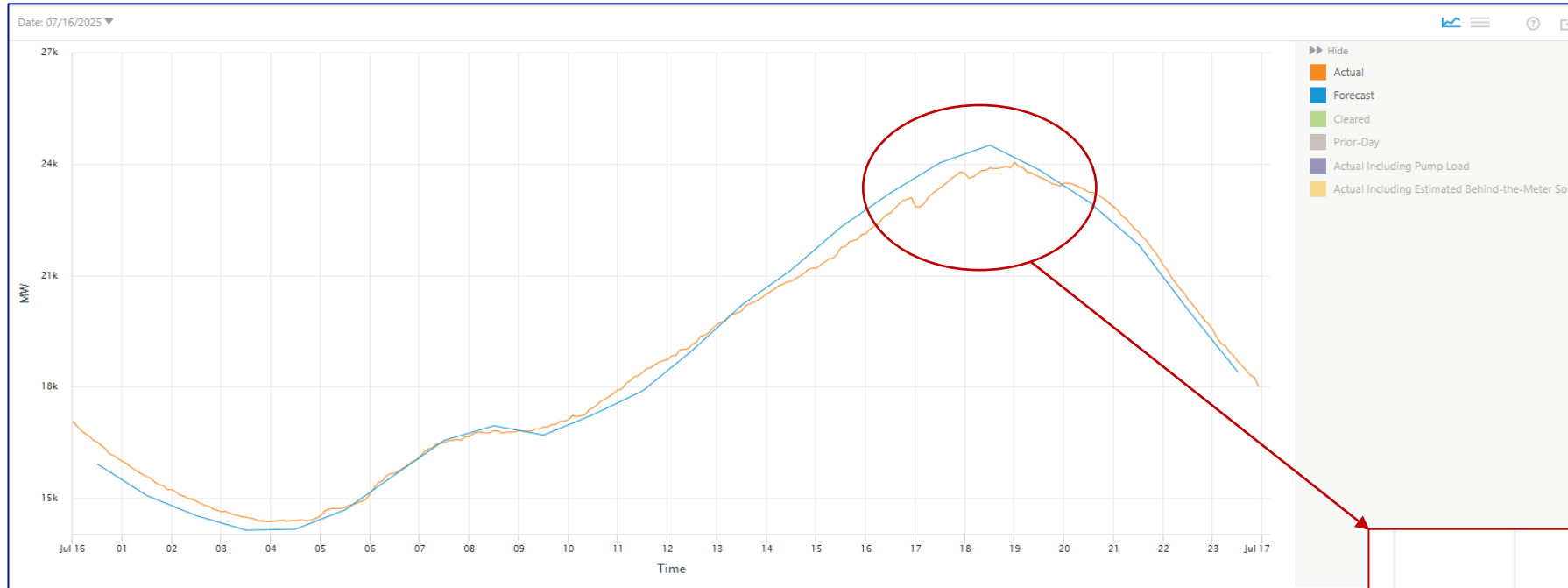
Sep-25						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Event Day Example



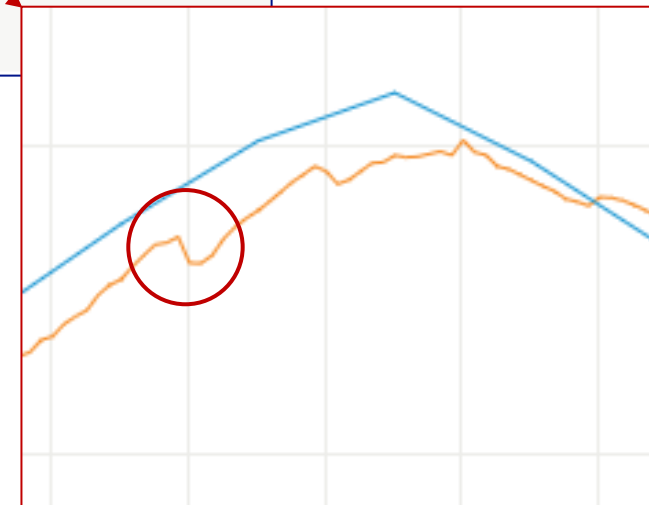
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7/16 Example of 2025 CS Event Day Load:

- Forecasted Peak: 24,500 MW
- Actual Peak: 24,037 MW (-463 MW)
- Pathways Dispatched:
 - Resi Battery 17:00-19:00
 - Resi BYOT 17:00-20:00
 - C&I Daily Dispatch 17:00-19:00
 - C&I Targeted Dispatch 17:00-20:00

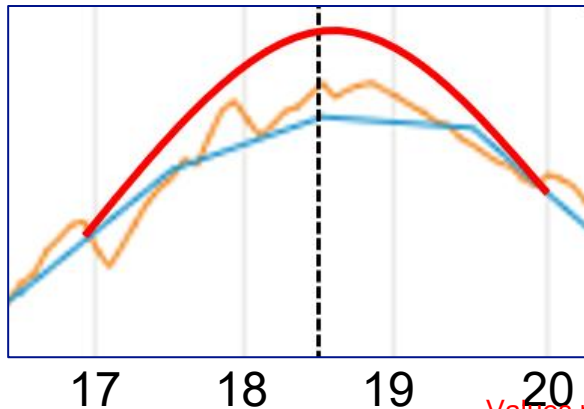
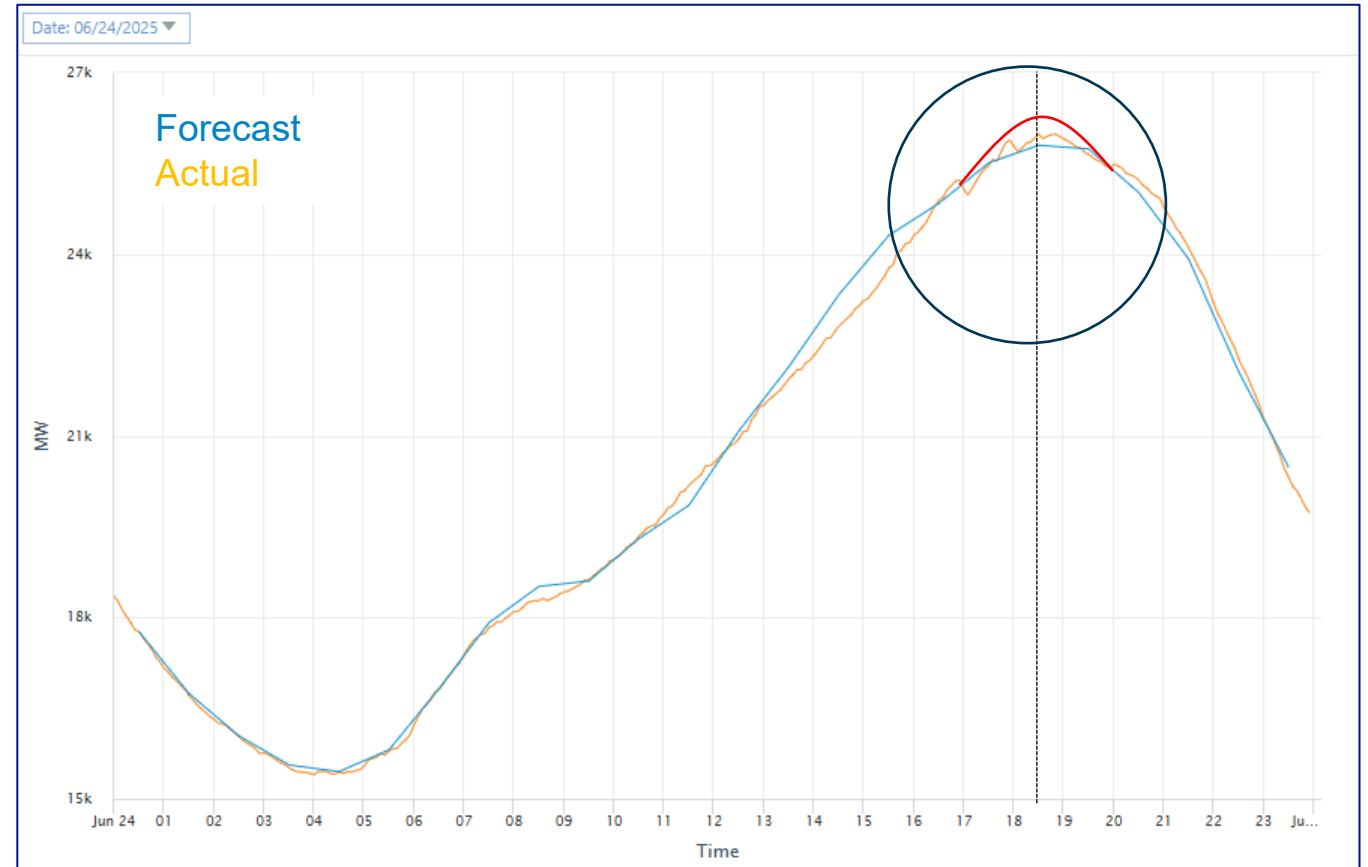


2025 Summer Total Flexible Load



Program Offering	Total Peak Hour Load Shed (MW)
BYOT	8.82
BES	6.31
EVDR	0.11
Targeted Dispatch	10.87
Daily Dispatch	13.81
TOTAL	39.92

Average peak hour load shed is based on actual RI performance during the June 24 events.



Values not final. Final values will be included in EOY report

2024 and 2025 Total Flexible Load Values

Program Offering	2024 Actual Resource Size (MW)	2025 Actual Resource Size (MW)
BYOT	9.37	10.44
BES	4.94	5.12
EVDR	N/A	0.02(EV) + 0.08 (EVSE)
Targeted Dispatch	11.72	10.58
Daily Dispatch	11.38	10.46
TOTAL	37.41	36.70

Based on actual performance.



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Commercial & Industrial Track (“C&I”)- 2025 Revisit

2025 Summer C&I Offering Results

C&I Program Offering	Target Enrolled Load Shed (MW)	Enrolled Load Shed (MW)	2025 Delivered Load Shed (MW)
Daily Dispatch	17.73	14.74 83% of Target	10.46 71% Realized
Targeted Dispatch	13.59	13.69 101% of Target	10.58 77% Realized
TOTAL	31.32	28.43 91% of Target	21.04 MW 74% Realized



C&I Year-Over-Year Event Results

Program Offering	Number of Events	Number of Participants	Avg Load Shed per Participant (kW)	Avg Hourly Load Shed (MW)	Max Hourly Load Shed (MW)
2025 Targeted (June 1, 2025 – September 30, 2025)	4	✓ 130 2%	86.62 ✓ 5%	10.58 ✓ 10%	21.91 ↑ 84%
2024 Targeted (June 1, 2024 – September 30, 2024)	6	133	91.35	11.72	11.91*
2025 Daily (June 1, 2025 – September 30, 2025)	42	✓ 47 19%	222.17 ↑ 12%	10.46 ✓ 8%	15.71 ✓ 10%
2024 Daily (June 1, 2024 – September 30, 2024)	41	58	198.65	11.38	17.41*

*2024 values representative of max **average** hourly load shed.