



SMECO's Large Load Addition Outlook

September 16, 2025

Background

- SMECO is a distribution cooperative serving all or part of four counties south of Washington, DC
- 91% of customers are residential
- All-time system peak = 1,036 MW (Jan. 2025)
- SMECO has received numerous requests from prospective customers for large loads

Methodology

- Only submitted projects in the 'study phase'
- Demand submitted = 70% of capacity
- 5-year linear load ramp from in-service date
 - Example: 250 MW load in 2029

Year	2029	2030	2031	2032	2033
MW Capacity	50	100	150	200	250

Forecasted Large Load Additions

	Load Ramp (MW)							
	2026	2027	2028	2029	2030	2031	2032	2033
Total Capacity Added		100	336	597	858	1119	1380	1430

- 1,430 MW forecast to remain flat through the remainder of the 20-year forecast horizon
- Numbers displayed are aggregate amounts across SMECO's service territory.