



Santee Cooper Resource Planning

Stakeholder Working Group Meeting #12
August 11, 2026



Welcome and Agenda

Stewart Ramsay, Facilitator, VANRY Associates

Meeting Agenda



10:00 – 10:10	Welcome and Agenda	Stewart Ramsay, VANRY
10:10 – 10:20	Working Group Business	Will Brown
10:20 – 11:20	2026 Triennial IRP Update	Will Brown
11:20 – 11:30	Meeting Closeout	Stewart Ramsay, VANRY



Working Group Business

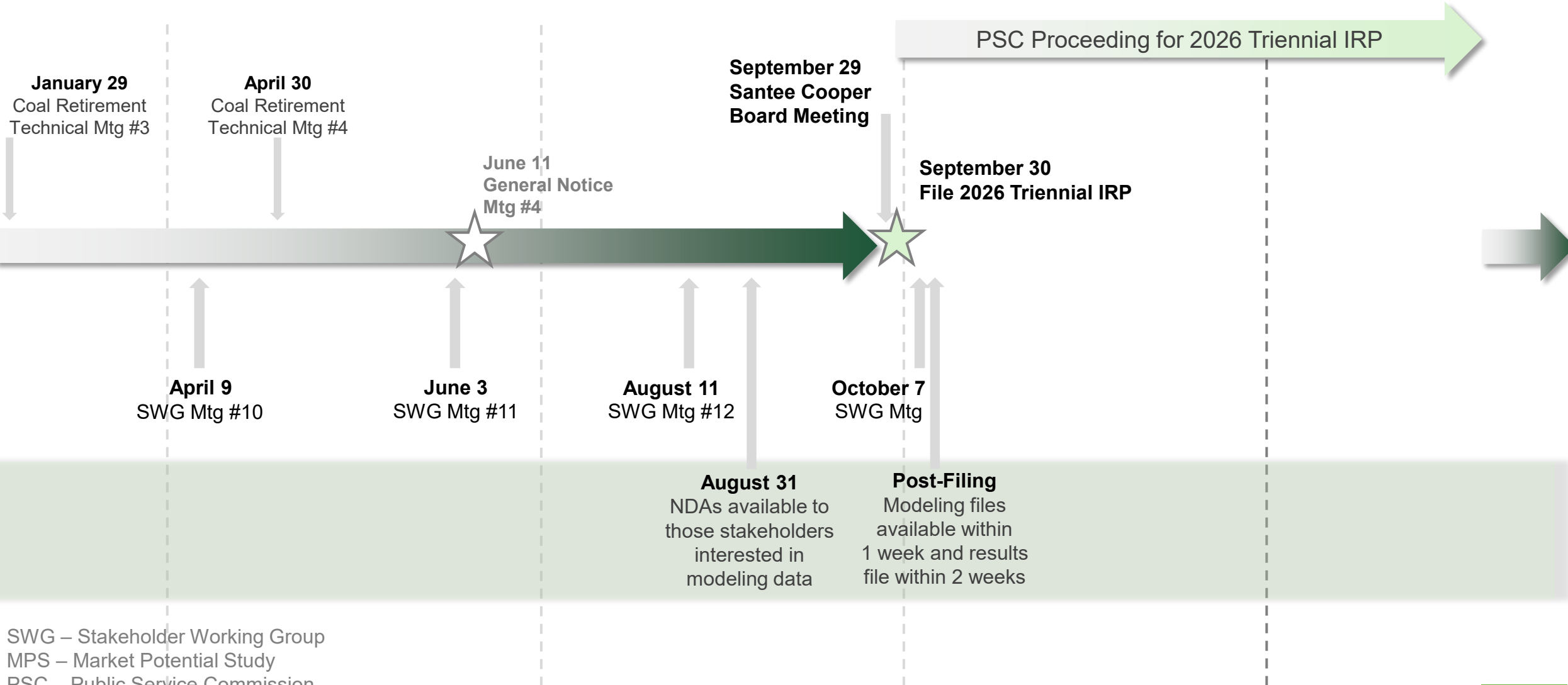
Will Brown, Manager Resource Planning

Review of Action Items

Meeting Identified	Action Item	Progress
Meeting 11	Review planned maintenance costs in years preceding retirement study years to determine potential impacts on retirement decisions related to the Cross Generating Station	Santee Cooper will model planned maintenance costs to ensure reliability of Cross and meet our obligation to serve
Meeting 11	Share low and high assumptions for the load forecast and post that information to the IRP website and send to the working group when available	Complete, email sent to Working Group on 7/30
Meeting 11	PowerGEM to provide a paper to Santee Cooper, to be shared with the working group explaining the basis on which the CPS1 Stress Index Results are based	Complete, email sent to Working Group on 7/29
Meeting 11	PowerGEM and Santee Cooper will consider questions and feedback from the working group on the Solar Integration study including the impacts of the study year, benchmark year, and underlying resource mix	Ongoing
Meeting 11	Send 2026 IRP assumption and modeling approach feedback by end of day June 17	Complete, received input on Long Duration Energy Storage assumptions
Meeting 11	Provide assumptions for LDES resources, including costs and first year available, from other IRPs	Discuss today
Meeting 11	Consider a side case for the Fairfield Nuclear Project	Discuss today
Meeting 11	Review with Santee Cooper examples of sharing modeling data earlier	Complete
Meeting 11	Review how best to post other intervenor comments for others to reference	Ongoing

2026 Stakeholder Sessions

2027

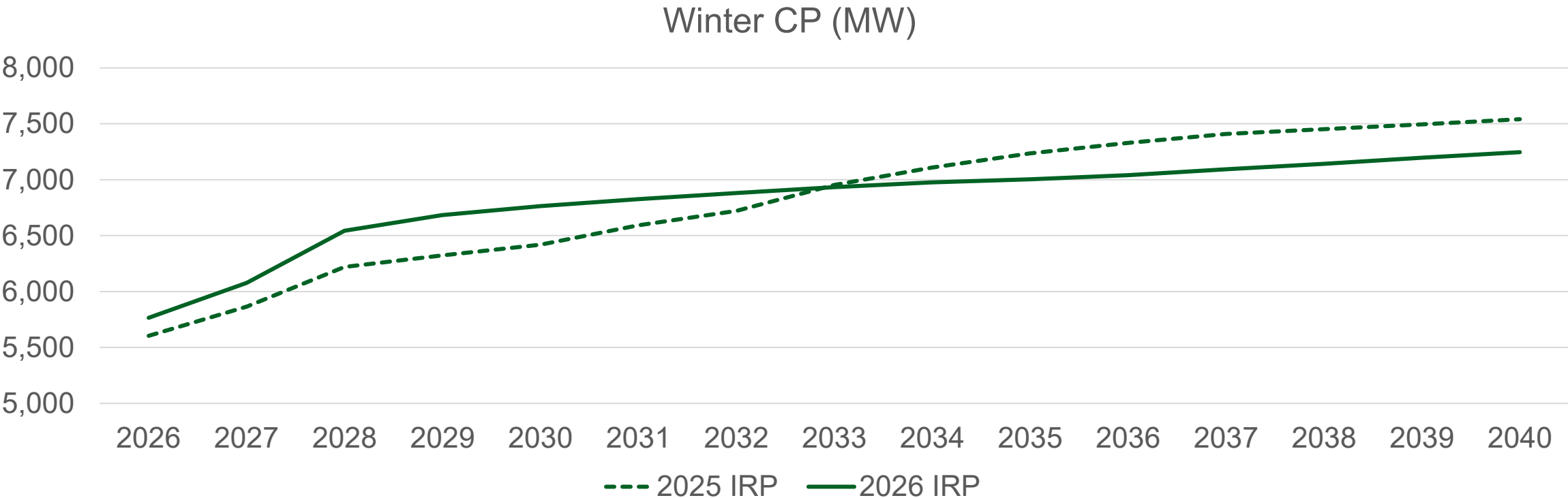




2026 Triennial IRP Update

Will Brown, Manager Resource Planning

Load Forecast | 2026 IRP vs 2025 IRP



	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
2026 IRP	5,765	6,079	6,544	6,685	6,763	6,826	6,880	6,934	6,976	7,003	7,041	7,093	7,143	7,198	7,246
2025 IRP	5,604	5,865	6,221	6,323	6,419	6,593	6,722	6,952	7,109	7,235	7,329	7,410	7,453	7,495	7,541
delta	161	213	323	362	344	233	158	-18	-132	-232	-288	-317	-310	-297	-295

1. Includes transmission and distribution losses. Excludes future DSM and EE.

Load Forecast | Combined System Summary

Winter CP (MW) & System Average MW

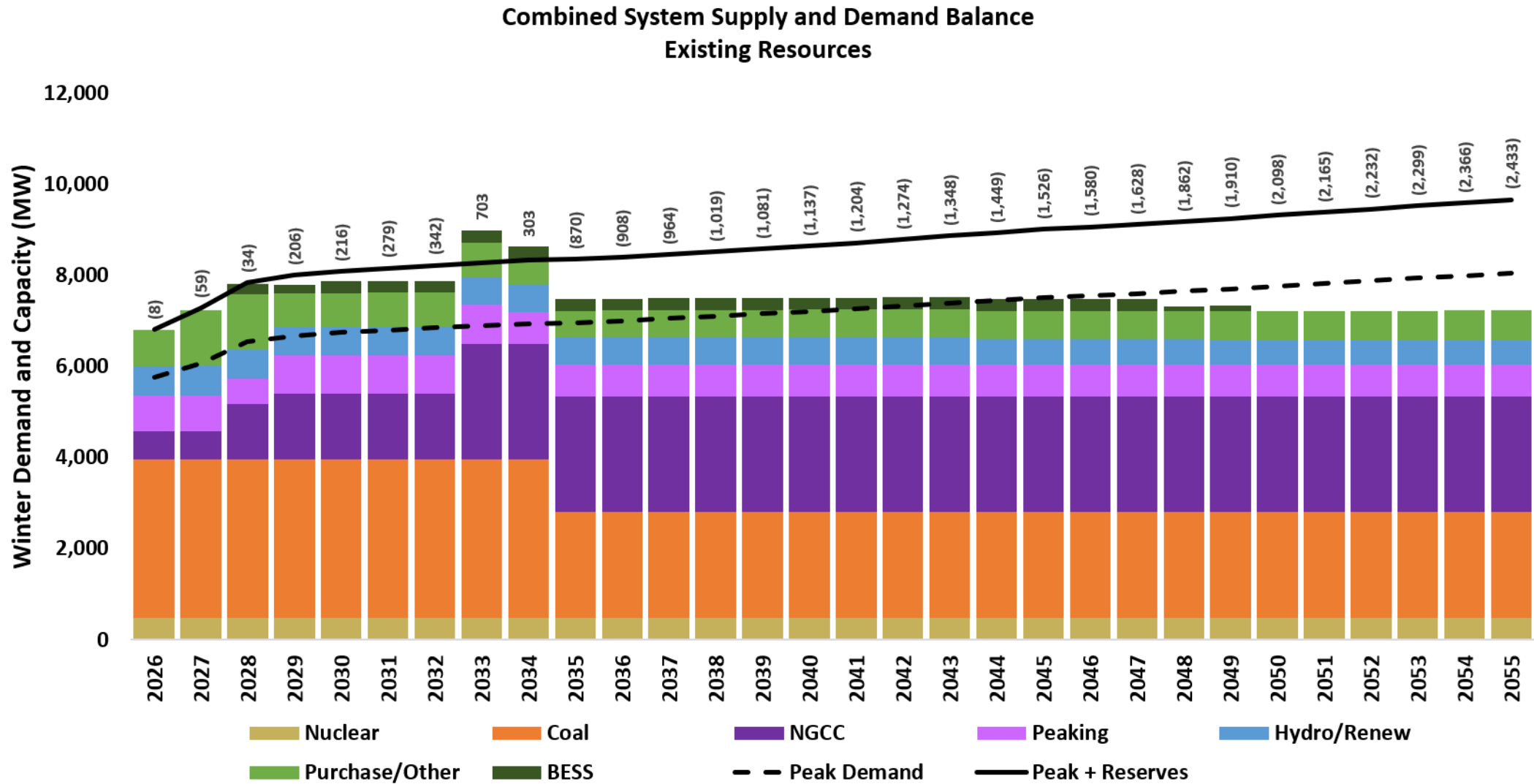


- New signed large customers on Central and Santee Cooper system driving growth in short term
 - Industrial and datacenter type customers
- Potential New Large Load customers higher in 2028-2031
- Modestly higher residential and commercial demand

1. Includes transmission and distribution losses. Includes future DSM and EE.

2. Calculated as Total Energy / 8760 hours

Capacity Position



Resource Availability Assumptions

Resource Option	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041+
Utility-Scale Solar PV																
Battery Energy Storage System																
Aeroderivative Turbine																
Reciprocating Internal Combustion Engine																
Onshore Wind																
Combined Cycle																
Combustion Turbine																
Long Duration Energy Storage																
Offshore Wind																
Small Modular Reactor																
Large Nuclear																

2026 Capacity RFP



- Issued on August 3, 2026
- Looking for up to 750 MW of dispatchable firm capacity and energy
- Commencement date of 1/1/28 or later
- Existing thermal generation, new thermal generation, and new battery resources
- Power purchase agreement, asset acquisition, or a build-transfer agreement
- Prefer a term of 20 years for all new generation, existing generation preferred term is 5 years
- Prefer the resource is in Santee Cooper's balancing authority area, but can be in neighboring balancing authority area

<https://santeecooper2026rfp.com/>

2026 IRP Progress Update

- Long duration energy storage (LDES) cost
 - Considered stakeholder feedback and reduced LDES capital cost by 25% from original assumption
- Recognize fuel price sensitivity assumptions for diesel fuel when developing delivered coal prices (diesel fuel costs contribute to coal rail transportation costs)
 - Considered stakeholder feedback and adjusted the delivered coal fuel price forecast for low and high fuel price sensitivity cases to reflect low and high diesel fuel prices
- Fairfield off-take included across base portfolio
 - 25% of facility output
- Side cases to be included in the IRP
 - Economically Optimized No Fairfield
 - Capital Cost Sensitivity
 - Economically Optimized
 - Economically Optimized No Fairfield
 - Retire Winyah by 2028 and Net Zero

2026 CPRE Update

- Bids were due July 6, 2026
- Received 20 different project offers
- Earliest Proposed Commercial Operations date June 2029
- Term range: 20-30 years
- MW range: 7.5 - 249 MW (AC)
- Pricing received is in line with IRP assumptions
- Evaluation is ongoing
- Quarterly report to be filed with the Public Service Commission in September

* Dependent on Transmission



Meeting Closeout

Stewart Ramsay, Facilitator, VANRY Associates

Meeting Closeout

- Review and agreement for meeting action items
- Vanry will send the meeting summary to members for review
- Upcoming post filing Stakeholder Working Group meeting will be **October 7, 2026**, zoom meeting will be sent out later this month.

Thank you!

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