

Santee Cooper Integrated Resource Plan 2023

Public Stakeholder Meeting #3 – Meeting Summary

Date: June 28, 2022

Time: 8:54 am – 3:18 pm EST

Location: Virtual Meeting via Zoom, Vanry Associates hosting

Topic: Santee Cooper 2023 IRP – Review of major assumptions, sensitivities, and portfolios

Referenced attachments are posted as separate documents at SanteeCooper.com/IRP. See the heading **Meeting Presentations & Materials / Meeting 3 – June 28, 2022**.

1. Session 3 Presentation
2. Recording of Meeting
3. Question and Answer (Q&A) Log

In this summary:

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Registration and Attendee Overview

All stakeholders who registered for Santee Cooper's first two meetings were emailed by Vanry Associates notifying them that registration was required to attend Santee Cooper's third IRP meeting. The first notification was sent on May 24, 2022, and the second on June 1, 2022. The June 1 email provided registrants with a direct link to the Zoom platform registration page and directed them to IRP information available on the SanteeCooper.com/IRP webpage. Upon registering, registrants received an immediate confirmation email with meeting information. They were also sent two reminder emails one week and one day before the session, respectively.

Santee Cooper also used a variety of means to announce the meeting, in advance, to customers and stakeholders. These included newspaper advertisements, bill inserts and social media. Additionally, Santee Cooper team members reached out directly to contacts alerting them to the meeting and registration.

Registration for the session opened on May 31, 2022. In summary

- 132 registrations were received up to the start of the meeting on June 28, 2022
- 85 individuals, or 67% of those registered, were online for all, or a portion, of the meeting
- 63 of the 85 attendees represented stakeholders external to Santee Cooper, with the remainder being either Santee Cooper employees or IRP consultants
- About 73% of external participating stakeholders were identified to be affiliated with an organization

A list of meeting attendees is included in Appendix A. The list excludes Santee Cooper employees and IRP consultants.

Agenda, Presenters, and Topics

The agenda and associated times were included in the presentation posted to the SanteeCooper.com/IRP webpage on June 23, 2022. Throughout the session, facilitators adjusted the timing to ensure adequate time for presentations, questions, and discussion. In addition, break times were maintained to assure stakeholders with limited schedule availability could reliably access the meeting elements of greatest interest to them.

AGENDA

9:00	Welcome	<p>Stewart Ramsay, Vanry Associates</p> <p>Stewart outlined the key topics for Meeting 3 in context to prior and future sessions; encouraged participation from stakeholders; reviewed the timing of meetings and IRP filing; and introduced the day’s presenters, the IRP team, supporting consultants, and registered stakeholders.</p>
9:10	Opening Remarks & Introductions	<p>Rahul Dembla, Chief Planning Officer, Santee Cooper</p> <p>Rahul reinforced the importance of the IRP process and provided a review of topics discussed at the first two stakeholder meetings. He welcomed stakeholder involvement and working together, and expressed gratitude for Central Electric Power Cooperative and municipal customers’ participation in the Santee Cooper IRP process.</p>
9:20	Stakeholder Feedback	<p>Eileen Wallace, Senior Manager, Resource Planning, Santee Cooper</p> <p>Eileen reviewed the stakeholder feedback received from Meeting 2 as well as overall feedback received to date.</p>
9:30	Load Forecast Update	<p>Greg McCormack Senior Manager, Financial Forecast, Santee Cooper</p> <p>Greg covered the topics of customer and territory profiles, last year’s load forecast, and forecasting methods employed. Then, looking ahead, he spoke about distribution system forecasts, Central’s forecast, industrial, municipal, and off-system sales forecasts, as well as related sensitivities and scenarios.</p>

10:00	DSM Forecast Update	<p>Patricia Housand, Manager, Program Development, Santee Cooper Jim Herndon, Vice President, Utility Services Resource Innovations</p> <p>Patricia and Jim outlined the types of DSM programs offered by Santee Cooper and provided an overview of their performance from 2010-2021. Looking forward, they also covered Santee Cooper’s 2022-2030 goals and the basis behind them by comparing potential energy market studies, total resource cost testing and related sensitivities.</p>
10:30	BREAK	
10:45	Reserve Margin, ELCC, and Solar Integration Studies Update	<p>Nick Wintermantel, Principal Astrapé Consulting</p> <p>Nick presented planning reserve margin and ELCC study results and provided an update on the solar integration study. For the planning reserve margin, he provided detailed graphing data speaking to frameworks, parameters, sensitivities, findings, and recommendations.</p>
12:00	LUNCH BREAK	
1:00	Transmission System Considerations	<p>Chris Wagner, Director, Transmission Planning, Santee Cooper</p> <p>Chris provided an overview of Santee Cooper’s transmission system network characteristics and resource replacement impacts, including load concentrations and import capabilities.</p>
1:15	Major Assumptions	<p>Bob Davis, Executive Consultant, nFront Consulting</p> <p>Bob reviewed the major assumptions Santee Cooper proposes to use in its 2023 IRP: financing and economic, fuel and CO2 pricing, new resource and purchased power options, new solar resources, battery energy storage, on-shore and off-shore wind resource options and other resource technologies. He also confirmed that the team will continue to monitor market conditions and available data and may modify assumptions as additional information becomes available.</p>
2:15	BREAK	
2:30	Portfolio Evaluations Approach	<p>Bob Davis, Executive Consultant, nFront Consulting</p> <p>Bob continued his presentation by outlining the portfolio simulation approach Santee Cooper plans to take using the EnCompass simulation model. He covered the topics of cost comparison metrics, the resource portfolios that will be studied, the net-zero CO2 approach and other initiatives.</p>
3:15	Closing	<p>Stewart Ramsay, Vanry Associates</p> <p>Stewart opened the floor to final questions, summarized the next steps in the IRP process and encouraged stakeholders to respond to the meeting survey.</p>

Q&A Summary

During this meeting, stakeholders were able to ask questions in three ways:

1. Using the Zoom **Q&A** tool, they could type and send a question at any time during the session and presentations
2. Using the **Raised Hand** functionality, they could be invited to speak by the facilitator at the earliest opening during a presentation
3. Using the **Raised Hand** functionality during open floor question periods before lunch and at the end of the day

Stakeholders were able to pose questions using the **Q&A** tool throughout the meeting, which were answered almost real-time by subject matter experts using the same tool. Any follow-on comments, questions, and answers would show up as a thread connected to the original question. In addition, some of the written questions were flagged and answered live by the respective presenters. Throughout the day, and particularly at the end of each segment, stakeholders were invited to use the **Raised Hand** functionality and encouraged to address the group live.

Overall, there were 67 typed interactions (live asked/answered and written asked/answered). All questions were addressed during the session. Presenters answered 25 questions live.

A transcript of the Q&A log is included as an attachment and available with other June 28 meeting documents on the SanteeCooper.com/IRP webpage.

Stakeholders were encouraged to submit input and feedback using Santee Cooper's [Stakeholder Input and Feedback Forum](#) in the immediate two to three weeks after the meeting. This timeframe increases the opportunity for the IRP team to include this feedback in its modelling.

Post-Meeting Survey

Attendees were invited to provide immediate feedback specific to Meeting 3 upon leaving the Zoom session and via a link included in a “thank you” email sent on July 1, 2022. Vanry Associates received nine responses to the post-meeting survey, representing about 14% of attending external stakeholders.

The overall survey response was positive and will be helpful in informing future meeting design. In summary:

- 78% gave a strong indication of value for their time spent at the meeting
- 77% reported they felt the level of presentation detail to be appropriate, 22% thought it was too technical
- 55% thought the meeting length appropriate, and 33% found it too long
- 55% were satisfied they could contribute, while 22% felt they did not have a chance
- 66% found the meeting to be a productive balance of Santee Cooper IRP content to stakeholder discussion, 22% found the balance too weighted for Santee Cooper

A subset of the nine respondents replied to the open-ended questions and expressed financial and energy supply concerns, as well as feedback related to the increasingly technical nature of the meetings.

Results of the post-meeting survey are included in Appendix B.

Action Items

All commitments made by Santee Cooper, or the facilitators are noted in the Q&A log.

Next Steps:

- Act on any commitments noted in the Q&A log
- Finalize the date and agenda for Meeting 4
- Publish the date and open registration for Meeting 4
- Review stakeholder feedback and refine the meeting process as needed

APPENDIX A

List of External Attendees

Represented in alphabetical order by the original name provided. The list excludes Santee Cooper employees and IRP consultants. Organization names in square brackets were not listed at the time of registration and are recognized from Meeting #1.

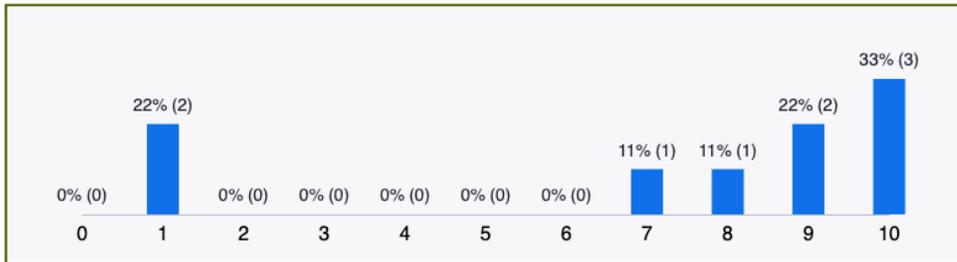
ATTENDEE	ORGANIZATION
Alan Loveless	Utility Technology Engineers-Consultants
Alison Hamilton	
Ami Khalsa	
Andrew Stone	
Arvind Jaggi	PA Consulting Group Inc.
Barry Spivey	Horry County
Ben Pfeffer	[J. Kennedy & Associates, Inc.]
Ben Kessler	ChargePoint
Ben Garris	[South Carolina Coastal Conservation League]
Bhawramaett Broehm	Wartsila
Bill Barnes	Encore Renewable Energy
Bruce Bacon	Fairfield Electric Cooperative
Chris Carnevale	Southern Alliance for Clean Energy
Christopher Galton	
Corey Kupersmith	Sun2o Partners
Craig Higgins	
Cunningham Thomas	Conservation Engineering
Doug Tompkins	Berkeley County Water and Sanitation
Elaine Morgan	Berkeley Chamber
Eliza Mecaj	SC Department of Consumer Affairs
Findlay Salter	SC Office of Regulatory Staff (ORS)
Gail Phillips	
Gibby Little	Honeywell
Greg Williams	
Henry Westendarp	
Jake Duncan	Vote Solar
James McKnight	
Jeffrey Gordon	ORS
Jerold Goldman	
Joan Williams	Department of Consumer Affairs
Joanna Cloud	Anchor Power Solutions
John Brooker	[Conservation Voters of South Carolina]

Johnny Cribb	Berkeley County Government
Jonathan Ly	J. Pollock, Inc.
Julius Horvath	Adapture Renewables, Inc.
Justin Somelofske	Sierra Club
Karen Riordan	Myrtle Beach Area Chamber of Commerce & CVB
Karen Hallenbeck	The Tiencken Law Firm
Karl Winkler	Nucor Steel Berkeley
Kate Mixson	Southern Environmental Law Center
Keith Thomson	AVL Critical Services Microgrid Group
Lillie Johnson	Georgetown County Council
Louis Davis	Utility Technology Engineers-Consultants
Mark Foley	
Mary Slafkosky	
Mary Anne Fox	
Michael Fried	AD Group
Michael Early	Century Aluminum
Mikaela Curry	
Mike Lavanga	SMXB
Olivia Nedd	Vote Solar
Paul Davis	PCI
Phil Hayet	ORS
Richard Storm	
Robert McKee	
Ryan Deyoe	
Sarah Bilbao	PA Consulting
Scott Whittier	City of Georgetown
Scott Connuck	East Point Energy
Seth Studer	Ecoplexus Inc.
Steven Castracane	Messer
Tina Turnage	Central Electric Power Cooperative
Tom	

APPENDIX B

Post-Meeting Feedback Survey

1. Overall, how would you rate the value to you of the second Santee Cooper IRP meeting? Was your time spent with us to day worth it?



2. How would you rate the presentations for level of detail?

Way too basic	0% (0)
A little too basic	9% (1)
Just right	77% (7)
A bit too technical	11% (1)
Way too technical, complicated	11% (1)

3. How would you rate the meeting length?

Too short given the topics	0% (0)
A bit too short	0% (0)
Just right	55% (5)
A bit too long	11% (1)
Way too long to stay involved	22% (2)

4. How would you rate your ability to provide input to the meeting?



5. Was this meeting a good balance between Santee Cooper IRP planning ideas and stakeholder questions and answers?

Way too much Santee Cooper content	11% (1)
Unbalanced towards Santee Cooper content	11% (1)
A productive balance of both	66% (6)
Unbalanced toward stakeholder content	0% (0)
Way too much stakeholder discussion	0% (0)

6. At the next meeting, I would like to see more of...

- My concern is the debt from the nuclear power plan that never produced power. Where is that built into all your forecasting. In my view the entire state of South Carolina should be responsible for that debt and not just customers of Santee Cooper through Central through Little River Electric which supplies my power. My name is xxxxx xxxxx, my phone is xxx-xxx-xxxx and my email is xxxxx@xxxxx.com
- It's supposed to be for stakeholders. I was invited to join as a residential customer. most of the stuff I didn't understand. On the charts the axis were not identified so I didn't know what they were really measuring. So if it's marketed for basic customers there's a lot of information that's just over our heads. I'm sure if it's a stakeholder is very knowledgeable in the world of electricity it's a different story.
- Planning to keep sufficient reliable, affordable, Dispatchable power capacity to serve all of Santee-Cooper and Centra's service territories without depending on Duke or Dominion. Self reliance on Santee-Cooper reserve generation that is gas and coal fueled. I feel you all are headed toward far too much dependence on solar and batteries. Unproven, high cost and unreliable for 24/7 Bulk Power Supply

7. At the next meeting, I would like to see less of...

- Definitions
- I doubt I will be involved. I don't think you are interested in my views.