

System Reliability Procurement 2021 SRP Year-End Report

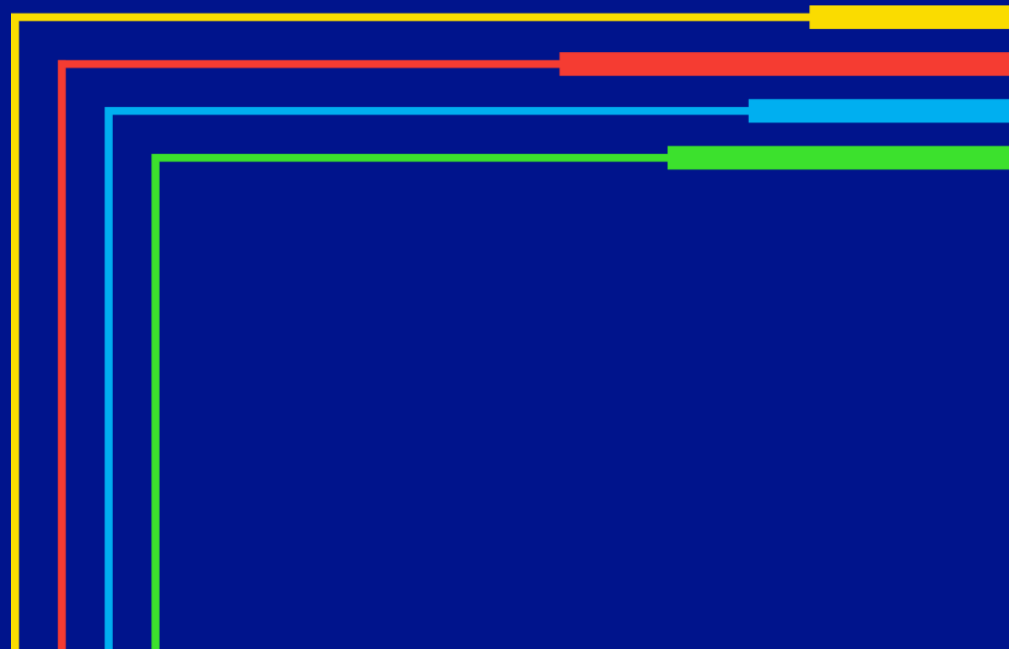
Final Draft

EERMC: May 19, 2022

SRP TWG: May 18, 2022



Reason for SRP



Reason for SRP

To identify alternative solutions through **customer and grid-side opportunities** that are **cost-effective**, **reliable**, **prudent**, **environmentally responsible**, and provide the path to **lower supply and delivery costs** to customers in Rhode Island.

- The Company primarily carries this out through the proposal and implementation of **Non-Wires Alternative (NWA) projects** in SRP.
- **NWA** is the inclusive term for any **electrical grid investment** that **defers or removes the need** to construct or upgrade an electrical system.
- National Grid is also researching **Non-Pipes Alternative (NPA)** opportunities.

NWAs are the core component of SRP

Differences between Plans

ISR?

- NWAs align with the Least-Cost Procurement (LCP) statute (§ 39-1-27.7).
- NWAs fall outside of the purview of the Infrastructure, Safety and Reliability (ISR) Plan.

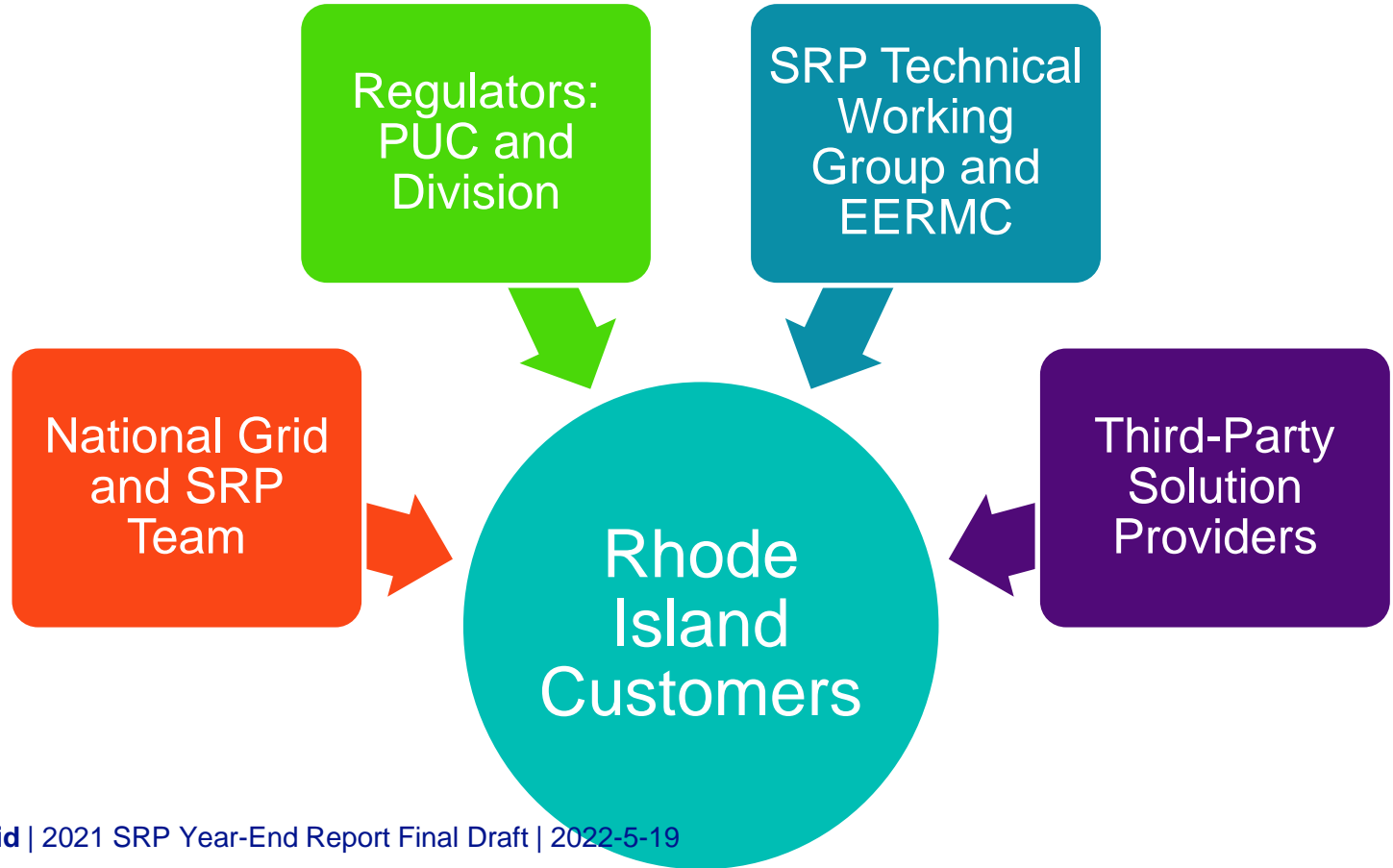
EEP?

- NWAs do not approach the electrical system in the same bulk-level manner as energy efficiency.
- NWAs do not fall within the Energy Efficiency Program (EEP) Plan.

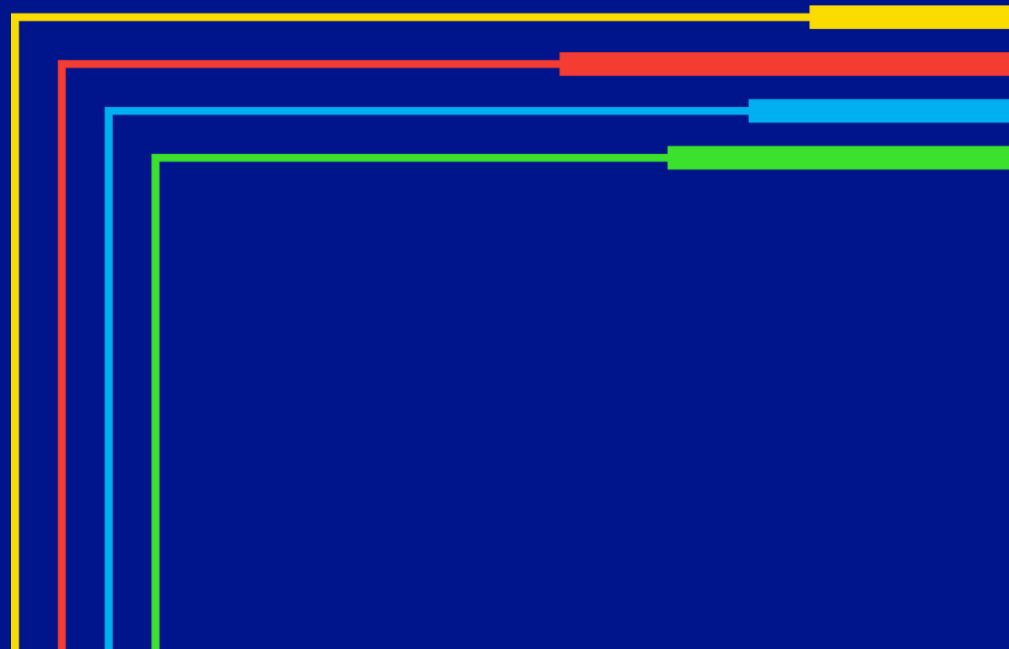
SRP

- NWAs are an integral part of reliability and distribution system planning, yet are not “traditional” distribution system work.
- NWAs are alternative solutions to address targeted electrical system needs.

Who's involved with SRP?



2021 SRP Year-End Report Development



2021 SRP Year-End Report Development

First Draft

Content development starts, major edits from prior plan made, some items TBD

April 13th: Circulated to SRP TWG and EERMC

April 29th: Stakeholder comments due on First Draft

Final Draft

Revisions and finalization to content and numbers, comment incorporation

May 11th: Circulated to SRP TWG and EERMC

May 19th: EERMC presentation

June 1st: 2021 SRP Year-End Report filed with PUC

SRP YE Report Final Draft Updates

- **Changes since SRP 3YP Second Draft:**
 - Clarified language in and just after Table 4 re: cost-effectiveness categories. Section 3.2.
 - Added detail re: Targeted Gas DR to the NPA program development plan. Section 8.2.
 - Added clarification that an annual stakeholder meeting will be held to review the electric forecast. Section 11.1.
 - Added preemptive targeted EE/DR detail. Section 11.3.
 - Clarified coordination between SRP and GridMod+AMF. Section 11.4.
 - Appendix 1 now up to date and added new Appendix 2.



SRP Proposals Summary

SRP Section	SRP Initiative/Proposal	Requested Ruling
5	RI NWA BCA Model	The Company requests approval of the proposed revision to the RI NWA Benefit-Cost Analysis (BCA) Model.
8.2	RI NPA Screening Criteria	The Company requests approval of the proposed revisions to the NPA Screening Criteria for Rhode Island as detailed in Section 8.2 for calendar years 2021 through 2023.

SRP Commitments Summary

Ref #	SRP Commitment
1	The Company plans to continue analyzing its current NWA screening and development processes to determine how NWAs might be best considered as both complete and partial solutions.
2	The Company commits to produce a detailed initial NPA Program at the end of the 2021-2023 SRP Three-Year Plan cycle.
3	The Company plans to continue analyzing its current NPA screening and development processes to determine how NPAs might be best considered as both complete and partial solutions.
4	The Company commits to performing background research on NPAs and exploring how NPAs align with Company policy and the Least Cost Procurement Standards (LCP Standards) for the next update in the Three-Year Plan review.
5	The Company commits to engaging with stakeholders to discuss and understand opportunities and challenges regarding NPAs.
6	The Company intends to engage stakeholders continually throughout the development of the NPA program via SRP TWG meetings. The Company intends stakeholders to be engaged during the development of specific program parts.

SRP Commitments Summary

Ref #	SRP Commitment
7	Begin coordination work with the Company's proposed Grid Modernization Plan (GMP) regarding inclusion of hourly (8,760 hours) data in addition to peak load data once the Grid Modernization Plan with this update is approved for funding.
8	The Company recognizes that improved synchronization between SRP and Power Sector Transformation (PST), the Energy Efficiency Program Plan (EE Plan), the Infrastructure, Safety and Reliability Plan, the Grid Modernization Plan (GMP), and the Advanced Metering Functionality (AMF) Business Case is necessary and intends to improve coordination between these filings.
9	Therefore, the Company commits to continued stakeholder engagement and continued participation in enhanced discussions regarding SRP, NWA, and related policy and programs with stakeholders.
10	The Company also commits to continue its efforts to actively avoid double-counting shareholder incentives in SRP programs and projects.
11	The Company intends to implement robust stakeholder engagement and discussion on the electric forecasting process.
12	The Company will commit to development and implementation of a data governance plan in coordination with the work on the AMF and GMP filings and will continue stakeholder engagement and discussion.

SRP Funding Request

SRP Year-End Reports do not contain proposals for financial investments, therefore there is no funding request.

SRP Budget Spend

There was slight budget spend in the SRP Market Engagement category resulting from wrap-up in Q1 2021 of the RI Developer Portal Survey that occurred at the end of CY 2020.

Initiative/ Program	Program Detail	Budget Filed	Budget Spend
NWA	No specific NWA projects have been identified for proposal in CY 2021.	\$0	\$0
NPA	No specific NPA projects have been identified for proposal in CY 2021.	\$0	\$0
Rhode Island System Data Portal (Portal)	The Portal is an interactive online mapping tool developed by the Company. The Portal provides specific information for select electric distribution feeders and associated substations within the Company's electric service area in Rhode Island. The SRP Program handles new enhancements to the Portal.	\$0	\$0
SRP Market Engagement	SRP Market Engagement aims to raise awareness and perform outreach and engagement for the Rhode Island System Data Portal as needed, for NWA-related activities not covered by FTE work, and with third-party solution providers.	\$0	\$3,092
Total		\$0	\$3,092

2021 SRP YE Report – Next Steps

Final Versioning: Final formatting and tweaks to advance the Final Draft into the Final Version.

Final Version Filing: June 1st.

Hearing Prep: Will coordinate with settling parties as needed leading up to the hearing.



national**grid**