

2025 Southline Transmission Project Interconnections Request for Information

I. Introduction and Purpose

Arizona Public Service Company (“APS”) is issuing this Request for Information (“RFI”) to solicit detailed information to understand the interest in, and potential for, utility-scale generation developments that will directly interconnect to Southline Transmission Project (“Southline”). APS is seeking responses from utility-scale developers and any other interested parties (“Respondents”). Two or more entities may submit a combined response if desired.

This RFI does not constitute a formal solicitation and is non-binding. APS shall continue to utilize All-Source Request for Proposals (“RFP”) to solicit competitive proposals for the procurement of power to meet its resource needs. This RFI is not intended to replace the All-Source RFP process.

II. Company Background

APS is a regulated public utility that generates, transmits, and distributes electricity for sale in Arizona. As Arizona’s largest and longest-serving electric company, APS generates safe, affordable, and reliable electricity for more than 1.4 million commercial and residential customers in 11 of Arizona’s 15 counties. APS has a service area of approximately 35,000 square miles. APS has approximately 33,000 miles of distribution lines, more than 6,000 miles of transmission lines, almost 500 substations, approximately 300,000 transformers, and more than 550,000 power poles and structures. With its headquarters in Phoenix, APS is the largest wholly owned subsidiary of the publicly traded Pinnacle West Capital Corporation.

III. Southline Transmission Project Background

Southline is being co-developed by Grid United and Black Forest Partners. Black Forest Partners initiated development of Southline in 2008, and Grid United joined the development of the project in 2022. Extending approximately 280 miles, Southline will ultimately connect the electrical transmission systems of the El Paso and Tucson areas in two phases, running from Pima County, AZ, to Grant County, New Mexico (“Phase 1”), then on to Dona Ana County, New Mexico (“Phase 2”).

Based on the latest information provided on the project webpage, Southline is expected to begin construction in 2026. The first phase of the project could be operational by 2028, with the full project online by 2029. For additional information on Southline, please review all information provided on the project webpage at <https://southlinetransmission.com>.

IV. Preferred Respondents and Resources

A. Respondent Experience

APS is seeking qualified developers to respond to this RFI. APS prefers Respondents that can demonstrate significant previous experience developing resources (or resource options) of a similar nature to those resources included in Respondent’s response(s). In the event a Respondent intends on partnering with another entity (referred to in this RFI as a “Respondent Partner”) and submitting a joint response with such entity, both entities must execute the required Confidentiality Agreement, as described more fully in Section VII(B).

B. Safety

Safety is paramount to APS. APS expects that any proposed resource will comply with all applicable requirements, codes, and standards at all times.

C. Resource Technology

APS is interested in various technologies (either stand-alone or in combination), including but not limited to:

- Solar
- Energy Storage (including pumped hydro)
- Wind
- Biomass/Biogas
- Geothermal
- Landfill Gas
- Reciprocating Units
- Simple cycle combustion turbines
- Combined cycle combustion turbines
- Hybrid resources (alternating current (AC) coupled)
- Nuclear

Projects not directly backed by a specific generating asset or utility system, such as call options or wholesale market products, may not be appropriate for this RFI.

D. Transaction Structure

APS is interested in responses detailing the development of new or existing generation resources that incorporate any one of the transaction structures listed below.

- Power Purchase Agreement (“PPA”)
- Build-Transfer Agreement (“BTA”)
- Asset Purchase Agreement (“APA”)

V. Information Requested

Responses should be provided within the datasheets in PowerAdvocate and the Executive Summary as a PDF or Word document. APS requires all Respondents to use the Executive Summary Template provided in PowerAdvocate in the “Download Documents” tab.

Respondents do not need to respond to all items in the PowerAdvocate datasheets nor the Executive Summary Template. Respondents are welcome to limit their responses to only those items that they believe their experience and expertise can best inform.

A. General Respondent Information – (Commercial Datasheet in PowerAdvocate)

- Company information
- Partnership information, if applicable
- Parent company information, if applicable

B. Respondent Experience – (Executive Summary Template, Section A)

- Project(s) Respondent completed (installed) in the past five years
- Project(s) Respondent has in pipeline (under contract)

C. Project Information – (Technical Datasheet in PowerAdvocate)

- Project name and location
- Technology type
- Nameplate capacity
- Proposed commercial operation date
- Transaction structure and term length

D. Project Risks – (Executive Summary Template, Section B)

*APS encourages Respondents to provide additional information detailing strategy to mitigate any identified project risk(s).

- Project siting strategy
 - Use of site location (e.g., desert, farmland, etc.)
 - Site control type (e.g., ownership, lease, option, etc.)
 - Site control status
 - Right-of-way
 - State-owned land
 - Federally-owned land or project's federal nexus
- Project permits required and permitting plan
- Procurement timeline and assumptions

E. Additional Information – (Executive Summary Template, Section C)

APS invites Respondents to provide any extra relevant information.

VI. Schedule

The RFI process will proceed according to the following schedule:

Events	Dates
RFI Release	September 17, 2025
RFI Responses DUE	October 15, 2025 by 11:59pm EST

APS reserves the right to adjust this schedule as deemed necessary.

VII. Submissions

A. PowerAdvocate Platform

The RFI process will be administered through PowerAdvocate, a web-based platform for hosting solicitations. Interested parties will be required to register online using the web form provided at <http://www.aps.com/rfp>. Registration will open on September 17, 2025. Registration enables each Respondent to access the 2025 Southline Transmission Project Interconnections RFI and the Confidentiality Agreement ("CA").

The CA with APS prohibits the disclosure of confidential information released to, or submitted by, Respondents via PowerAdvocate to unauthorized third parties. APS encourages each Respondent to carefully review the PowerAdvocate Terms of Use before submitting a proposal. The Terms of Use are located at: [Wood Mackenzie Supply Chain Intelligence Platform Terms of Use](#).

All Respondents will interface with APS for all communications related to this RFI, including questions, RFI clarification issues, and RFI response submittal via PowerAdvocate. All such communications should be submitted via the PowerAdvocate “Messaging” tab, which will be the sole medium of communication for this RFI. APS will monitor the PowerAdvocate “Messaging” tab and, depending upon the nature and frequency of the questions received, will either respond to individual Respondents directly or post a response to the question to all Respondents in PowerAdvocate (without disclosing Respondent’s name). APS will only respond to RFI questions received from Respondents who have submitted an executed CA via the PowerAdvocate platform.

Respondents that experience any difficulty accessing PowerAdvocate should contact:

Email: support@poweradvocate.com

Helpdesk: 857-453-5800

B. Required Documents and Information

i. Confidentiality Agreement

Each Respondent must sign the CA available in the “Download Documents” tab in PowerAdvocate and upload the signed copy via the “Upload Documents” tab. Respondent will be granted access to RFI-related documents upon execution of the CA. Any Respondent that fails to upload in PowerAdvocate its executed CA will not be granted access to RFI-related documents, which include data sheets necessary to submit a response.

APS requires all Respondents to execute the CA as written without any changes. **The Respondent legal name on the CA should mirror the Respondent legal name used for PowerAdvocate registration.** Upon receipt, APS will execute and upload a copy of the fully executed CA to each Respondent in PowerAdvocate. Respondents can then download the executed CA from PowerAdvocate at their convenience. Once APS has executed the CA, the Respondent will receive relevant messages and notices through the “Messaging” tab in PowerAdvocate.

If a Respondent Partner is included in the response, Respondent must include the signature of an authorized representative of any such Respondent Partner as part of its fully executed CA. Without the signature on the CA of any applicable Respondent Partner, a Respondent does not have permission to share confidential information (as defined in the CA) with such Respondent Partner.

ii. Executive Summary

Respondents are expected to provide an Executive Summary, and upload it to PowerAdvocate, as part of a complete response. Information expected to be provided in the Executive Summary is detailed in Section V.

iii. RFI Response

The information provided by Respondent in PowerAdvocate constitutes the response. Each Respondent must use the PowerAdvocate platform to upload all information pertaining to its response, in accordance with the instructions set forth in this RFI and in PowerAdvocate.