

An aerial photograph of a large dam situated in a deep, rugged canyon. The canyon walls are composed of layered, reddish-brown rock. A river flows through the center of the canyon, curving around the dam. The sky is a clear, pale blue. The overall scene is illuminated by warm, golden light, suggesting late afternoon or early morning.

SRP: Transmission Service and Market Scheduling Priorities Working Groups 2 & 3

February 4, 2022

Topics and Presenters

- Working Group #2
 - Transmission Products Offered
 - Requests for Service
- Working Group #3
 - Study Process
 - Upgrades



Heidi Stoltz, Senior Transmission Scheduler,
Scheduling and Reliability Services



Philip Augustin, Principal Engineer,
Transmission Analysis

Working Group 2

Transmission Products Offered and Timeframes

Firm

- Hourly
- Daily
- Weekly
- Monthly
- Yearly (up to 3 years with rollover rights)


Non-firm

- Hourly
- Daily
- Weekly
- Monthly

Submitting Requests for Transmission Service

Automated through OASIS

- Must be customer of SRP
- Contracts required for long-term requests



Salt River Project Transmission Service Application Form
For Point-to-Point Transmission Service
General Applicant Information
Please complete all applicable fields

Date:

Applicant Information:

Contact Name:	<input type="text"/>
Title:	<input type="text"/>
Email Address:	<input type="text"/>

*Full Company Name:	<input type="text"/>
*Company Acronym:	<input type="text"/>
*OATI OASIS Customer Name:	<input type="text"/>
*DUNS Number:	<input type="text"/>

Corporate Address:

*Street Address:	<input type="text"/>
*City:	<input type="text"/>
*State:	<input type="text"/>
*Zip Code:	<input type="text"/>
*Telephone Number:	<input type="text"/>
*Fax Number:	<input type="text"/>

*Statement that the Entity requesting service is, or will be upon commencement of service, an **Eligible Customer** under the Tariff:

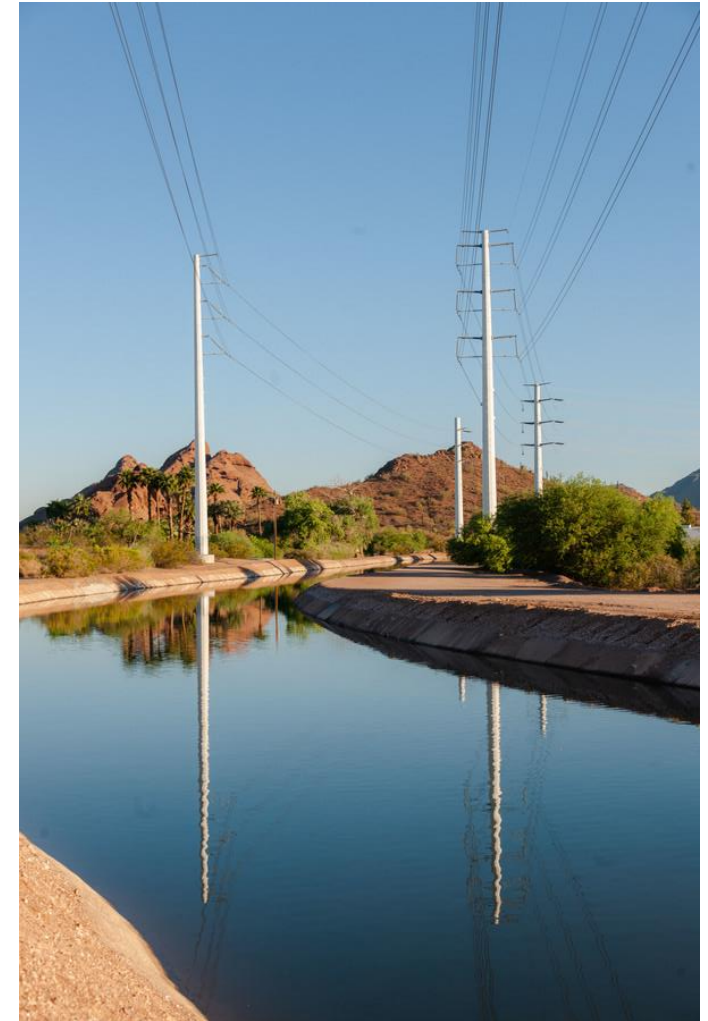
Evaluation of Requests for Transmission Service

Long term v. short term –

- Short-term fully automated
- Long-term automated up to SRP receipt; manual following SRP receipt
- Manually processed for ATC
- Requires a Long Term service contract
- Once Long Term contract is executed then TSR is confirmed.

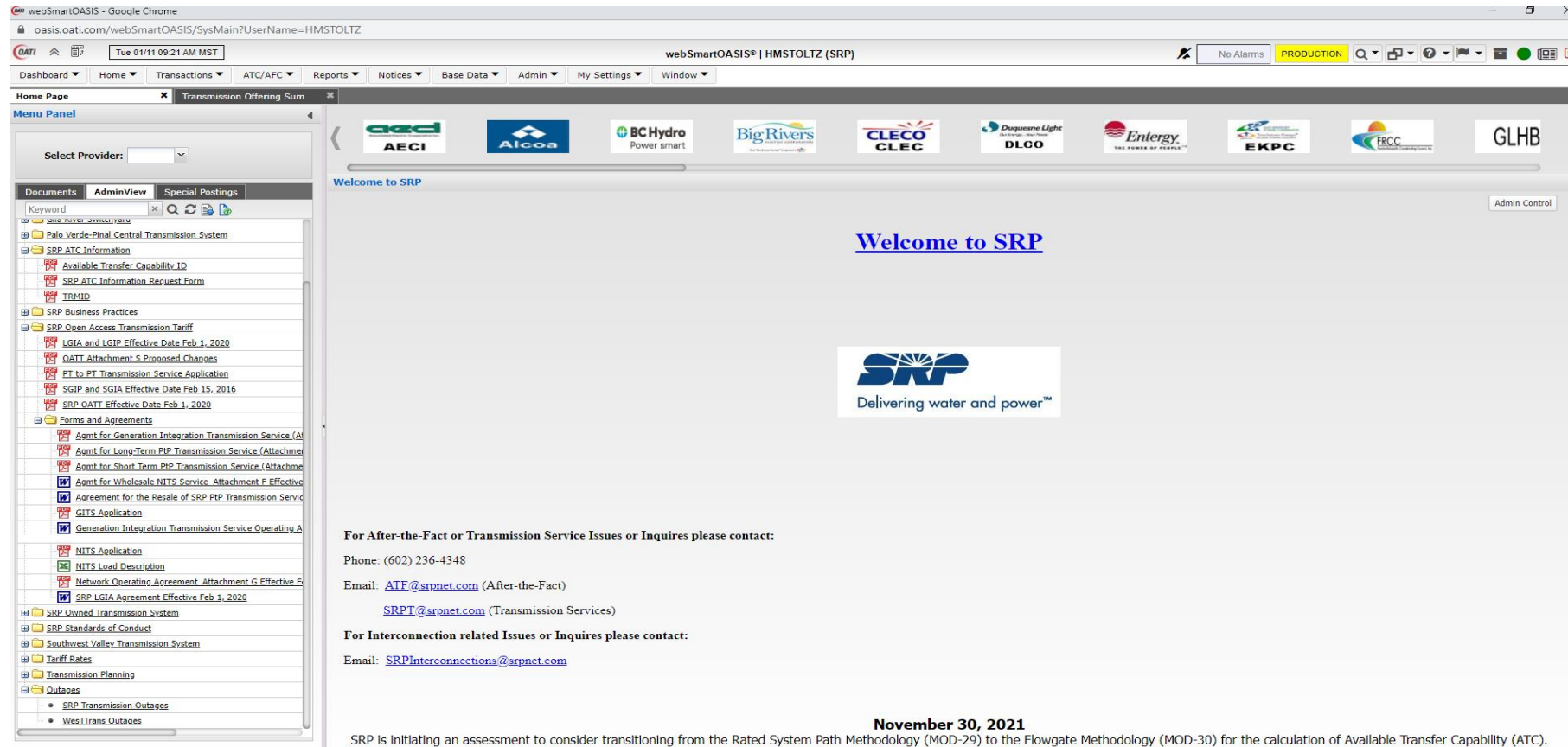
Firm v. non-firm

- No differences in evaluation process



Publicly Available Reservation Information

Process is fully transparent on OASIS:



The screenshot shows a web browser window displaying the webSmartOASIS portal. The browser address bar shows the URL `oasis.oati.com/webSmartOASIS/SysMain?UserName=HMSTOLTZ`. The page header includes the user name `webSmartOASIS® | HMSTOLTZ (SRP)` and a status indicator `PRODUCTION`. The navigation menu includes `Dashboard`, `Home`, `Transactions`, `ATC/AFC`, `Reports`, `Notices`, `Base Data`, `Admin`, `My Settings`, and `Window`. The main content area features a `Welcome to SRP` message with the SRP logo and the tagline `Delivering water and power™`. Below the logo, contact information is provided for after-the-fact and interconnection issues. A date `November 30, 2021` is prominently displayed, followed by a notice regarding the transition from the Rated System Path Methodology (MOD-29) to the Flowgate Methodology (MOD-30) for the calculation of Available Transfer Capability (ATC).

For After-the-Fact or Transmission Service Issues or Inquires please contact:
Phone: (602) 236-4348
Email: ATF@srpnet.com (After-the-Fact)
SRPT@srpnet.com (Transmission Services)

For Interconnection related Issues or Inquires please contact:
Email: SRPInterconnections@srpnet.com

November 30, 2021
SRP is initiating an assessment to consider transitioning from the Rated System Path Methodology (MOD-29) to the Flowgate Methodology (MOD-30) for the calculation of Available Transfer Capability (ATC).

Process for Requesting and Evaluating Long-term Service Requests

Does it move to a study even if it can be accommodated from the ATC perspective?

- No, SRP does not move to a study



Minimum Timeframe for Long-term Transmission Service Request



What duration is required for Long-term Transmission Service Request?

- SRP requires a 60 Day minimum lead time.
- Maximum Lead Time is 3 years.
- Long Term is considered 1-3 years in duration.

Minimum Timeframe for Long-Term Transmission Service Request to Trigger an Upgrade

What is the minimum timeframe/duration of a long-term transmission request for SRP to deem it sufficient to support a system upgrade?

- SRP's minimum duration for long-term transmission is one year; therefore, any long-term request could trigger a study
- If SRP does not have ATC, the customer could request and pay for a study to determine necessary upgrades

Working Group 3

Studies Performed to Determine if Existing and Planned Transmission System Can Accommodate a Long-term Firm Transmission Service Request

SRPs approach to determine if Long-term Firm Transmission Service Request can be accommodated:

- SRP confirms the TTC ratings for its major paths on a seasonal basis.
- SRP performs a TTC study when a system change is likely to impact a paths rating.
- If SRP receives a TSR that does exceed ATC, SRP's Transmission Analysis Team would perform a study to determine the facility expansions or modifications required.

Types of Generation Interconnection Service that Allow a Generator with a Contract to an LSE to Serve Load

SRP's Generator Interconnection Service is energy resource only

“No Applicability to Transmission Service. Nothing in this LGIP shall constitute a request for transmission service or confer upon an Interconnection Customer any right to receive transmission service.”

A customer could make a separate request for transmission service

- Study may be required.

Assumptions in Long-term Firm Transmission Service Studies Regarding Modeling of Generation Interconnection Requests

Requests for Long-term Firm Transmission Service are queued per the date of the request with the generation interconnection requests and studied serially.

- A TSR study explores how to increase a Paths TTC using the MOD-029 methodology, new generator interconnection requests that are on the receiving end of a path may be adjusted in order to maximize the TTC.

Clustering Study Requests

Does SRP cluster study requests?

- SRP is currently following a serialized study process.

If so, what is the frequency across the year?

- N/A



Upgrade Considerations

When identifying an upgrade, do you consider other reliability (or other) needs such that the project can be sized to meet multiple different needs, and not just the individual long-term request for firm service?

- When SRP is in the process of mitigating issues identified by a study, we will examine our own capital project database for opportunities to meet each of the needs.
- If a project construction schedule needs to be advanced for a customer, SRP would charge the customer for advancing.

Financial Requirements for an Upgrade

If an entity wants to pursue an upgrade, what are the financial requirements for funding the upgrade?

- SRP requires enough funding up front to cover the anticipated design and procurement costs (to include the material costs). This could be 50-60% of the total project cost. The remainder of the funding is due prior to the start of construction. If an overage is anticipated prior to the end of construction, there will also be the additional amount due at that time. Then there is a true-up at the end.

Does the funding entity receive the funds back over time?

- Per our OATT, SRP does not reimburse for Network Upgrades associated with Interconnections.
- If upgrades are for transmission service, the entity is reimbursed through transmission credits once transmission service begins.

thank you!