

Transmission Business Model

Pro Forma/Industry Standard Gap Analysis:
Study Process



Study Process

- Reflecting Customer Choice in System Impact Study
- Study Process for Long-Term Alternatives for SOA
- Study Follow Through
- Intertie Studies

NT Scope

- Managing BPA/Customer NT Relationships
- One point of contact for load and resource forecasts
- Managing Load Growth

ATC

- Short-Term ATC
- Model and Metrics
- Long-Term ATC

PFGA Milestone Contribution – Study

★ Develop more tools than “build”

★ Develop a repeatable consistent study “Follow Through” process

★ Calibrated Model Assumptions

★ Implement NT Policy/Procedures

Milestones to Close the Gaps

★ Replace Conditional Firm NT

★ Stop calculating and posting LT ATC

★ Transition away from hourly firm

★ Implement CF PTP Reflecting Customer Choice

BPA Direction: Study Process

First

Develop more tools than build

Implement CF PTP reflecting customer choice

Load and Resource forecasts for NT cust.

Planning Redispatch as part of system impact study

Customer Choice (CF)
-
TSR Alternatives
-
CF in Study
-
Planning RD in Study

Last

A repeatable and consistent study "Follow Through" process

Conditional Firm as part of system impact study

Conform Conditional Firm PTP to *Pro Forma*

Conform Planning Redispatch to *Pro Forma*

Resolving These Study Process Gaps

- Implementation of solutions identified in studies
- Customers unable to elect to be studied for Planning Redispatch
- Customers unable to elect to be studied for Conditional Firm

Conform Conditional Firm PTP to *Pro Forma*

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Steps

Establish Process for customers to indicate preference for Conditional Firm assessment

Offer Conditional Firm only to customers indicating preference for such an offer

Develop study process to assess Conditional Firm offer potential response to a TSR

Re-evaluate need for Conditional Firm “number of hours” inventory methodology

Customer
Choice

Objective

Implement Conditional Firm reflecting customer choice

Conditional Firm as part of system impact study

Implementation Considerations

- Need for update of Business Practice
- Conditional Firm Inventory calculation

Planning Redispatch as Part of System Impact Study

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Steps

Study process to assess requirements for generation flexibility to free up capacity for TSR

Notify customers of redispatch necessary to enable TSR

Protocols to implement redispatch, per bilateral agreements

Offer service containing redispatch provisions

Customer
Choice

Objective

**Conform
Planning
Redispatch
to *Pro Forma***

Implementation Considerations

- How involved BPA will be in securing redispatch rights
- Tool updates

Continue to Develop More Tools than Build

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Steps

Test feasibility of alternatives

Perform technical, full System Impact Studies on alternatives to prevent negative impact on system

Initial scoping of alternatives, including costs, project requirements, working with experts or vendors as needed

Selection criteria to evaluate alternatives, including cost and ATC benefits

Move project to next cluster study

Options for service

Alternatives to meeting
TSRs

Objective

Process the queue consistently and efficiently

Implementation Considerations

- Maturity, scalability and applicability
- Staff and skillsets
- Risk Tolerance

Repeatable and Consistent Study Follow Through

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Steps

Move TSRs and Associated Plans of Service forward following study completion

Internal processes to facilitate quick decision making on issues resulting from study

Establish ability to develop, communicate and offer Plans of Service, Policy to offer Plans of Service at incremental rates when appropriate

Incorporate prior aspects of study, including Conditional Firm and/or Planning Redispatch, possible non-wires solutions to increase service options

Requests in
'final' state

Objective

Process the
Queue

Implementation Considerations

- Avoiding cost shifts
- Exploring 'off the shelf' upgrades
- BPA Resource allocations
- BPA Internal prioritizations

Intertie System Impact Study

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Steps

Intertie System Impact Study Methodology

Send Customers Intertie Agreements

Conduct Intertie Studies

Rollout Intertie Study Results

Requests in
'final' state

Objective

Repeatable
and
Consistent
Study Follow
Through

Implementation Considerations

- Working with Adjacents
- Efficient queue processing

**What impacts to you
should we consider?**

**Is the timeline
reasonable?**

**Are there other
approaches you think
BPA should consider?**