

# Transmission Business Model

Pro Forma/Industry Standard Gap Analysis:  
*Network Integration Transmission Service (NT)*



## Study Process

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

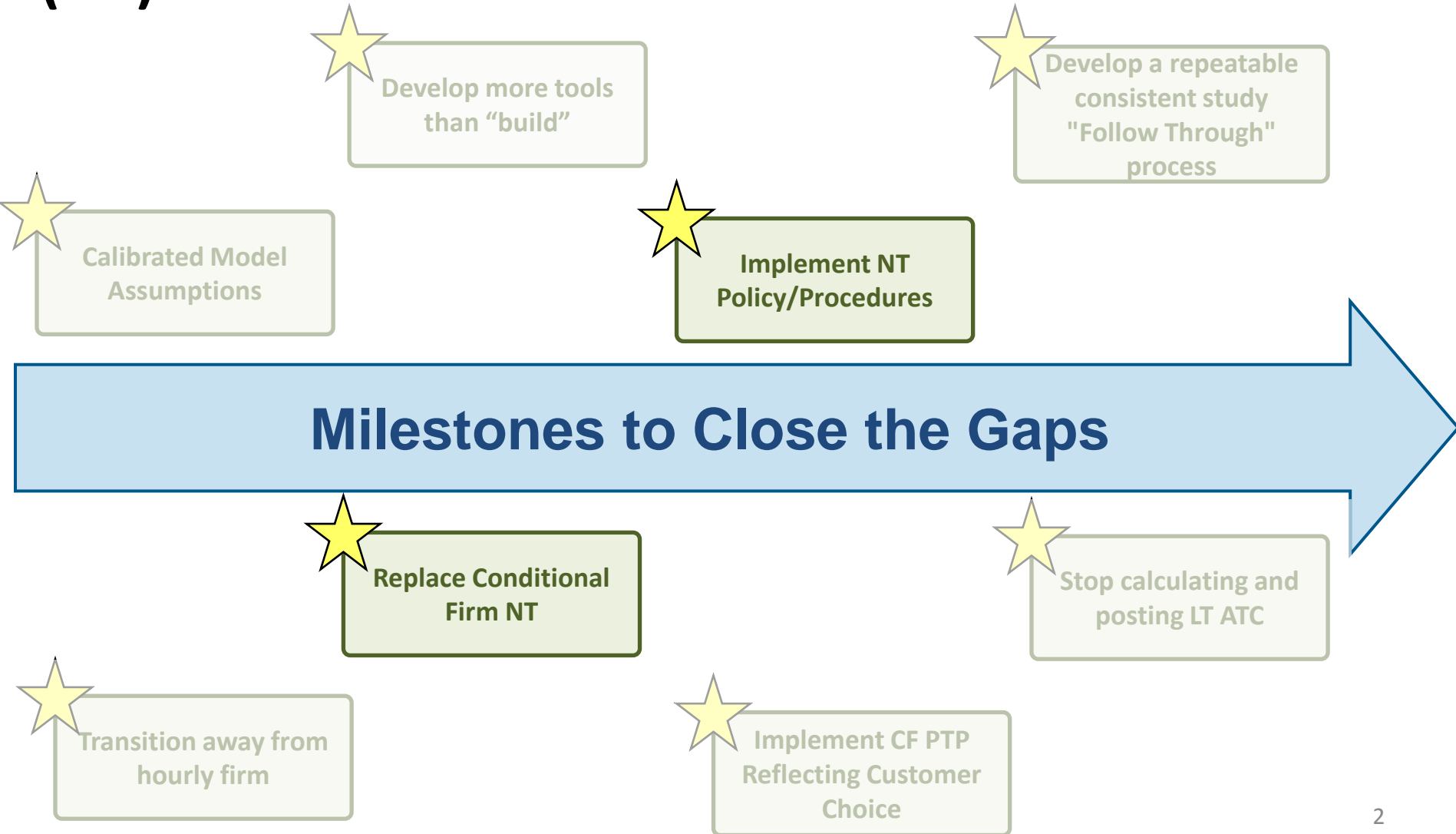
## NT Scope

- 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 – Network Integration (NT) Transmission Service



# BPA Direction: NT Scope

## First

Use NOA to manage aspects of NT relationship

Require undesignations for any firm market sales

Replace Conditional Firm NT

A repeatable and consistent study "Follow Through" process

Adherence to application Information

## Next

Load and Resource forecasts for NT cust.

All resources share NT redispatch responsibility

Load growth

Queue Attrition -  
TSR Alternatives -  
Required Study Information

## Last

Implement NT Policy / Procedures

## Resolving These Tariff Engagement Design Gaps

- Conditional Firm NT service
- BPA one-offs and silo'd work arounds to NT service
- Poor visibility of customer generation
- Highly customized processes and tools
- New network load definition and business processes
- Customers unable to request to be studied for Redispatch

# Network Operating Agreement

8/29/17

FY 2022

## Steps

Industry scan of Network Operating Agreements

Implication of scan on Network Operating Agreements and Tariff

Draft, negotiate and execute bilateral, Standard Network Operating Agreements

Manage Network Operating Agreements, including Network Operating Committee

Operational Agreements

## Objective

Clarity on how service is provided and maintained

## Implementation Considerations

- Enables replacement of NT conditional firm product
- Requires individual customer contracts
- Components of contracts may include:
  - Load/resource forecasts
  - Redispatch (Attachment M)
  - BPA Power Services contract impacts
  - Service arrangements

# Replace Conditional Firm NT

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## Steps

Complete industry scan

NT Resource Assessment to inform customers of service options

Revise/Remove Conditional Firm product

Service arrangement language in Network Operating Agreement

Process for  
NT load  
service

## Objective

Enable NT customers to know how service will be provided

## Implementation Considerations

- Removal of Conditional Firm Inventory
- NT Resource assessment
- Customer choices
- Standard component of Network Operating Agreement
- Develop a transition plan

# Undesignation of Firm Market Sales

8/29/17

FY 2022

## Steps

**Conduct industry scan**

**Develop provisions of undesignation**

**Develop procedures**

**Draft Tariff and Business Practice**

Procedures for  
Undesignation

## Objective

**Accurate Short-Term ATC calculations and reliable NT redispatch**

## Implementation Considerations

- Usage in short term ATC methodology
- Requirements for undesignations
- Application to system DNRs
- Usage in NT redispatch
- Customer Outreach

# NT Redispatch Responsibility

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## Steps

**Review and apply eligibility criteria**

**NT Customer engagement**

**Develop Procedures and Systems**

**Develop Tariff language**

**Incorporate into Network Operating Agreement**

Mechanism to  
implement NT  
Redispatch

## Objective

**Assure that NT  
loads are  
reliably served**

## Implementation Considerations

- Resource capabilities
- Complete Network Operating Agreement
- Section 34.4 (Redispatch Charge) and Section 1.14 (definition of Load Ratio Share)
- Extensive data requirements and required coordination
- Revisions to Attachment M and other appropriate agreements

# Load and Resource Forecasts

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## Steps

**Perform industry scan**

**Review processes for load and resource forecast**

**Identify ways to streamline**

**Modify Business Practices**

Load and  
Resource  
Forecast  
Processes

## Objective

**More efficient  
and consistent  
processes**

## Implementation Considerations

- Identify all applications and processes
- How to address updates to forecasts



# Load Growth

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## Steps

**Industry scan**

**Define Policy and Procedures**

**NT Customer Engagement**

**Modify Business Practices**

**Implement Policy**

**Load Growth  
Policy**

## Objective

**Plan, Execute,  
and Manage  
risks for NT  
Load**

## Implementation Considerations

- Financial impacts
- NT Resource assessment
- Customer choices

# Implement NT Policy

8/29/17

FY 2022

## Steps

**Network Operating Agreement - How service is provided and maintained**

**Replace Conditional Firm NT – Enable NT customers to know how service will be provided**

**Undesignation of Firm Market Sales - Assure reliable ST ATC availability and reliable NT redispatch**

**NT Redispatch Responsibility - Assure that NT loads are reliably served**

**Load and Resource Forecasts – More efficient and consistent processes**

**Load Growth Policy – Manage expectations for BPA and customers**

Clear policies and procedures

## Objective

**Implementation of NT Service**

## Implementation Considerations

- Tariff changes will be required
- Has dependencies or dependent upon PFGA topics (Study Process, etc.)

**How do you believe this change will affect your business?**

**What are your thoughts  
on the proposed  
timeline?**

**What Bonneville may not  
have considered in  
formulating this change?**

**How would you have  
seen NT done  
differently?**