

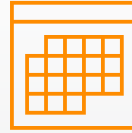


SRS Workshop:

Data Collection and Area-to-Area Coordination

August 10, 2022

Key Case Assumptions



Year



Season



System Stress
Conditions



Grid Flow
Pattern

Steady-State and Dynamic Data Classes



SYSTEM TOPOLOGY



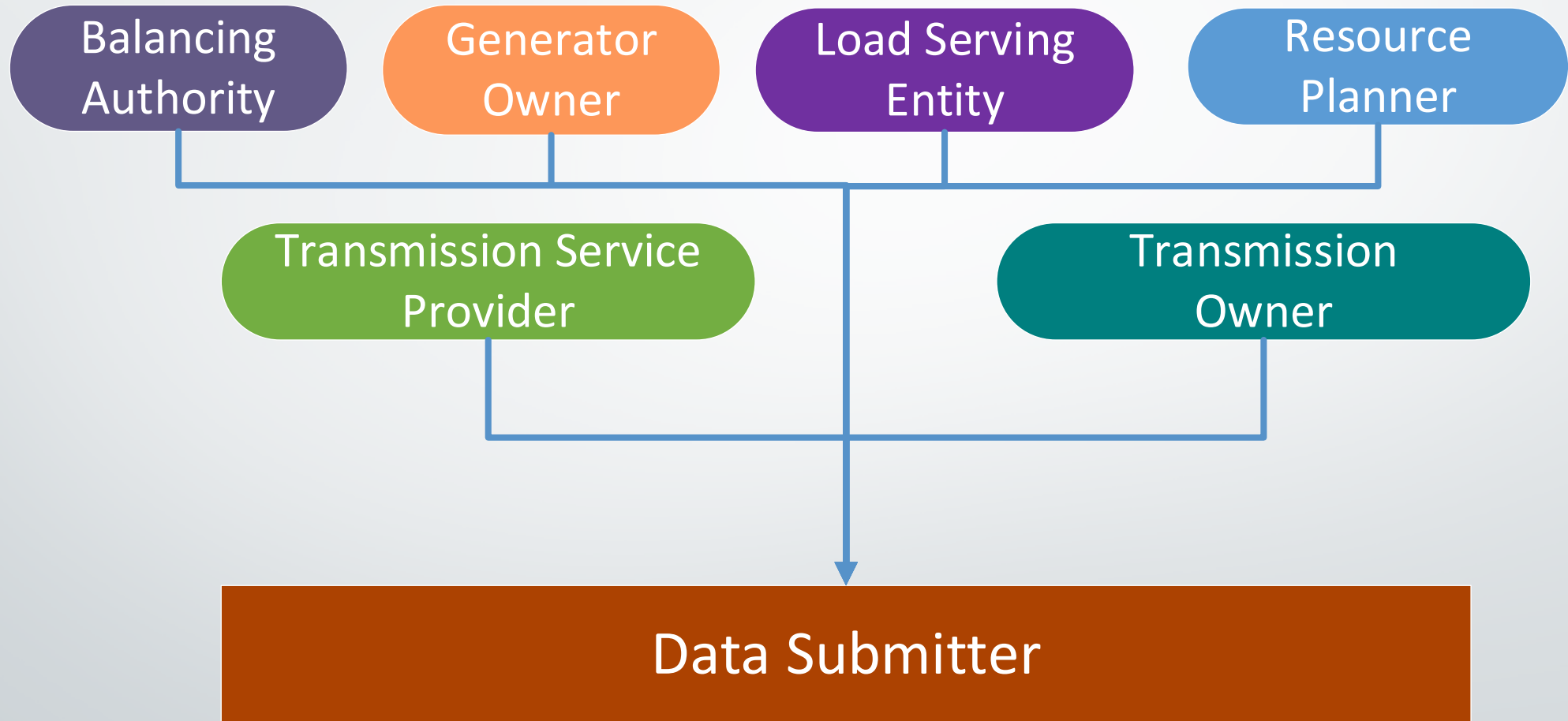
LOADS AND
RESOURCES



DATA AND MODELS



Data Sources



System Topology



PROJECT IN-SERVICE
DATES



LONG-TERM
PLANNED OUTAGES



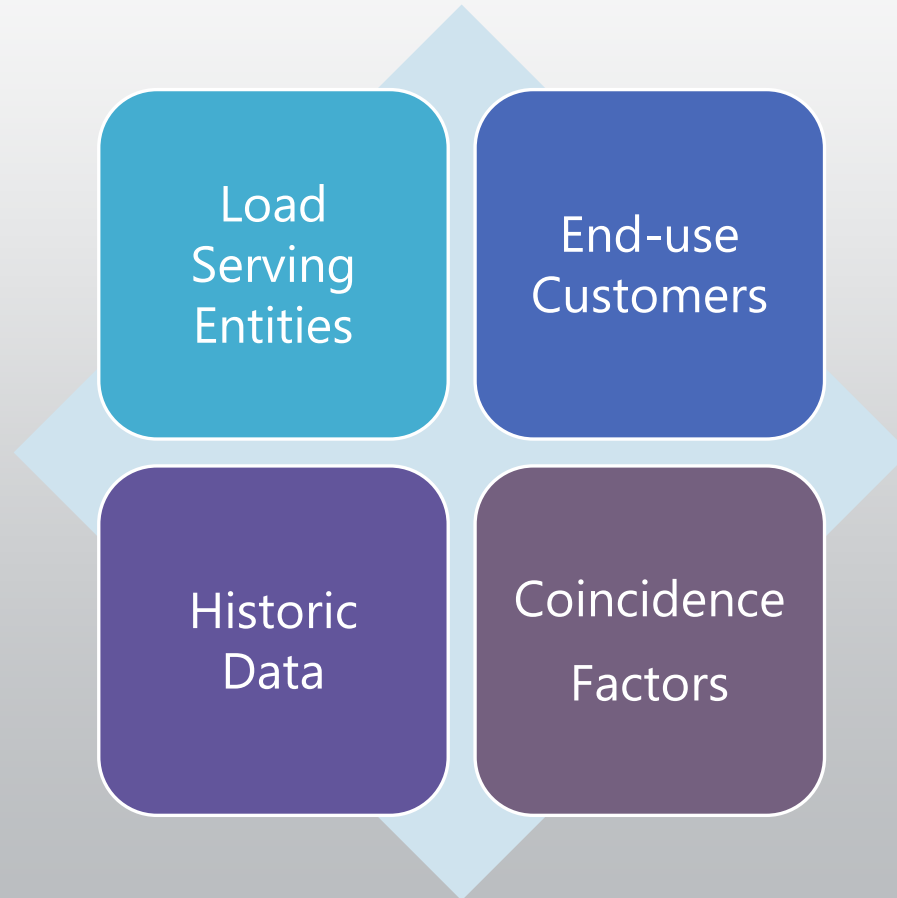
INTERCONNECTIONS



RETIREMENTS



Load Forecasts



Resource Dispatch Assumptions



Key Data and Model Parameters

Lines and
Transformers

Loads

Generators

Reactive
Support

Other



Joint Ownership

Assign Data Maintainer


Define Change of Ownership

Loads on Other TP/PC Buses

Facility Ratings

Coordinate with FAC-008, other NERC Standards

Evaluate	Underlying Case Assumptions
Coordinate	Consistency with FAC-008 and Data Ownership
Implement	Model Updates and Review Comment Case
Inform	Continuous Data and Model Accuracy Improvement



Data Submittal Best Practices

Case Description

Transmission Service Commitments

Load Service Requirements

Resource Procurement

Market Purchases

Expected Major Path Flows

**Area-to-Area
Coordination**

Interchange Basis

Path Flow Based

- British Columbia-Northwest-California
- Southwest-California
- Path 26
- San Diego-Mexico

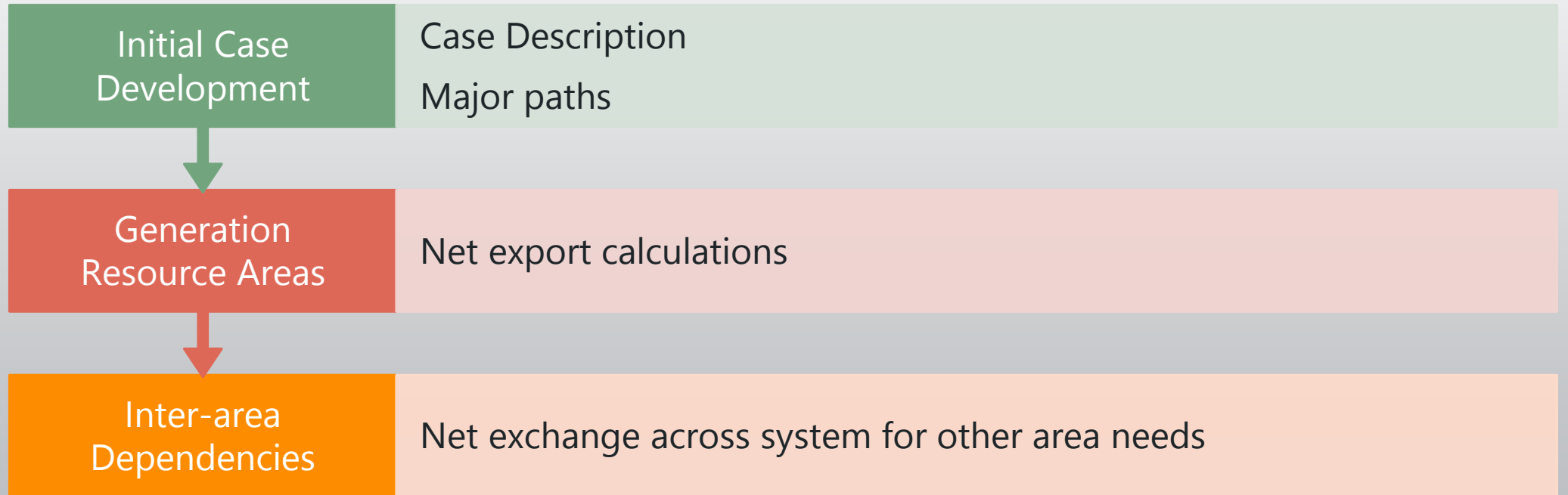
Generation Based

- Net Export
- Long-term Contracts/Entitlements

Load Based

- Load Serving Requirements
- Exchange/Transfers

Area Transfer Coordination



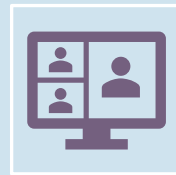
Timeline



Initiate early in case development




Finalize before initial submittal



SRS Area Interchange Spreadsheet



Evaluate	Changing Resource Mix
Coordinate	Consistency Across Non-Adjacent Areas
Implement	Grid-level Assumptions Throughout Case
Inform	Next Cycle Case Development



**Area-to-Area
Best
Practices**

Questions & Discussion