

# Presentation to CREPC

(Committee on Regional Electric Power Cooperation)

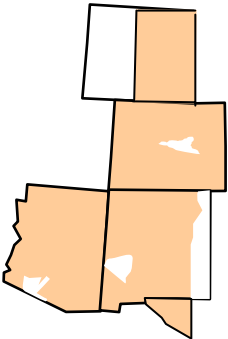
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**San Francisco, CA**

**March 24, 2004**

**WestConnect**



westtrans

# History

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- **Early 2003**

- Public Power Initiative of the West (PPIW) working on getting a common OASIS
- 2003 WestConnect decides on a phase in approach.
  - 1<sup>st</sup>. phase common OASIS for WestConnect.

- **Summer 2003**

- Two groups get together
- Reach an agreement that this is what each group wants

- **Fall 2003**

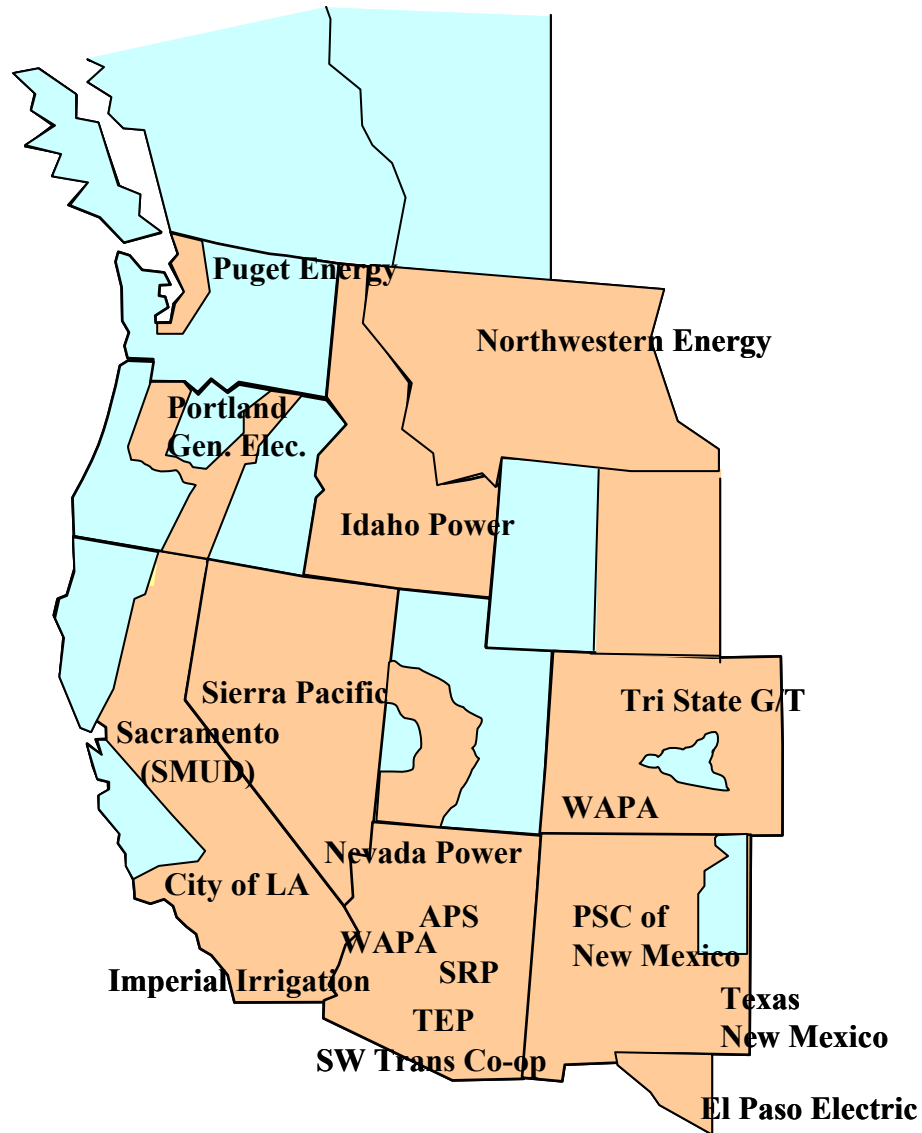
- OATI has agreements and starts development

# Introduction

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- **wesTTrans**
  - Replaces the transmission providers existing OASIS
  - **Is** a group of users with a common desires for an OASIS
  - **Is not** an organization
  - To participate a transmission provider must obtain its OASIS services from OATI and agree to participate in wesTTrans

# Participants

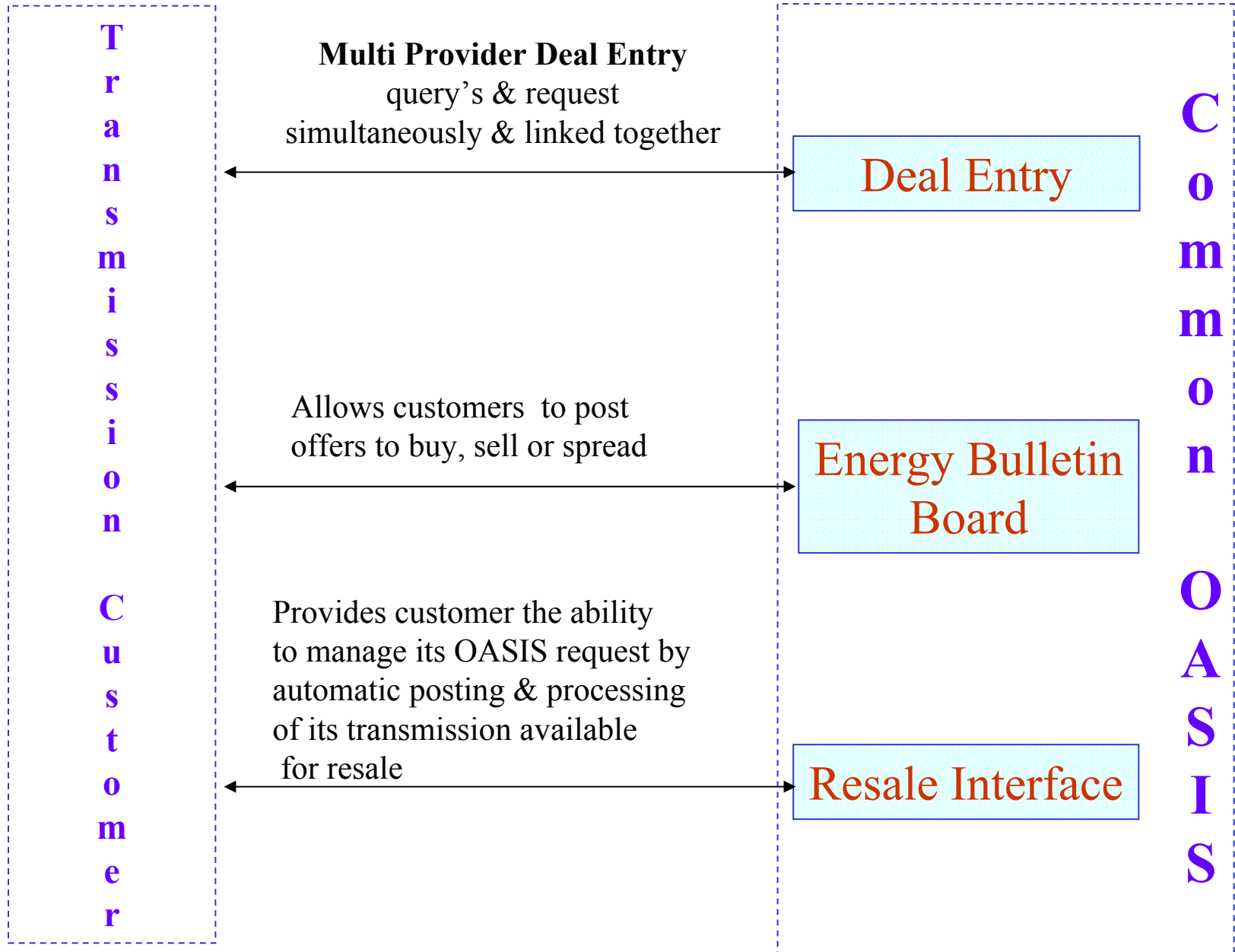


# Features

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- FERC's Standards and Communications Protocols requirements.
- Extended Features
  - Supports multiple transmission providers, which allows multiple provider queries at one time.
  - Supports varying provider business practices
  - Design architecture consistent with proposed OASIS Phase II
  - Compatible with evolving electric energy market
  - Easy-to-use graphical interface that can be customized
  - Can download data directly from user interface to a spreadsheet or FERC standard format
  - Query filters available so that only desired information is viewed.
  - Flexible reporting capability

# FEATURES



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**Multi Provider Deal Entry**  
query's & request  
simultaneously & linked together

Deal Entry

Allows customers to post  
offers to buy, sell or spread

Energy Bulletin  
Board

Provides customer the ability  
to manage its OASIS request by  
automatic posting & processing  
of its transmission available  
for resale

Resale Interface

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# Deal Entry Interface

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- Maintains a relationship of paths across providers
- Results of ATC queries are based on POR-POD (may be system wide) querying, and path relationships
- Allows customer to select desired available POR/POD offering combinations (across one or more Providers), and place those selections into a single “Deal”.
- Reservation Deal Entry display for users to enter transmission requests to multiple transmission providers from a common display
- Capability may be automatically withdrawn should any request be denied or at a certain point in time if all providers have not accepted the request
- Linking of reservations is performed by the Customer, however, the Transmission Requests are each handled independently by each Provider

# Energy Bulletin Board

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- Dual display shows bids to sell and offers to buy all in one display
- Display will show energy price spread offers from node to node.
- Minimum data requirements for all offers
  - PSE, buy/sell/spread, node(s), MW, price, energy product, start date/time and stop date/time
- Complete audit log of buy/sell/spread energy postings

# Transmission Resale Interface

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- Functions provided to transmission customers
  - Quick selection of which transmission to repost for resale
  - Prevents reseller from posting more ATC than it owns
  - Allows multiple transmission service types to be populated all at once.
  - Capability to offer same path at multiple offer prices
  - Displays to reseller request on resale offers
  - Automatic decrement or increment of all impacts OASIS offerings when there is an OASIS change in status
  - Purchase of secondary will contain information referencing the original offering
  - Ability to down load to Excel spreadsheet

# ATC

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- Can automatically calculate ATC
- Provides the ability to have multiple OASIS paths impact the same transmission segment for ATC calculations.
- Is cataloged and archived

# Summary

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- Improves efficiency, by bringing together the transmission products of many transmission providers into one OASIS site, allows the customer to determine and make OASIS reservation request across multiple transmission providers at one site.
- WesTTrans will not free up additional transmission, but should improve the visibility of the available transmission thus increasing the efficiency of transmission usage
- There will be a users group for the customers established.