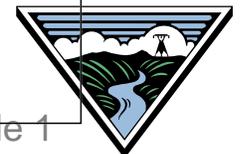
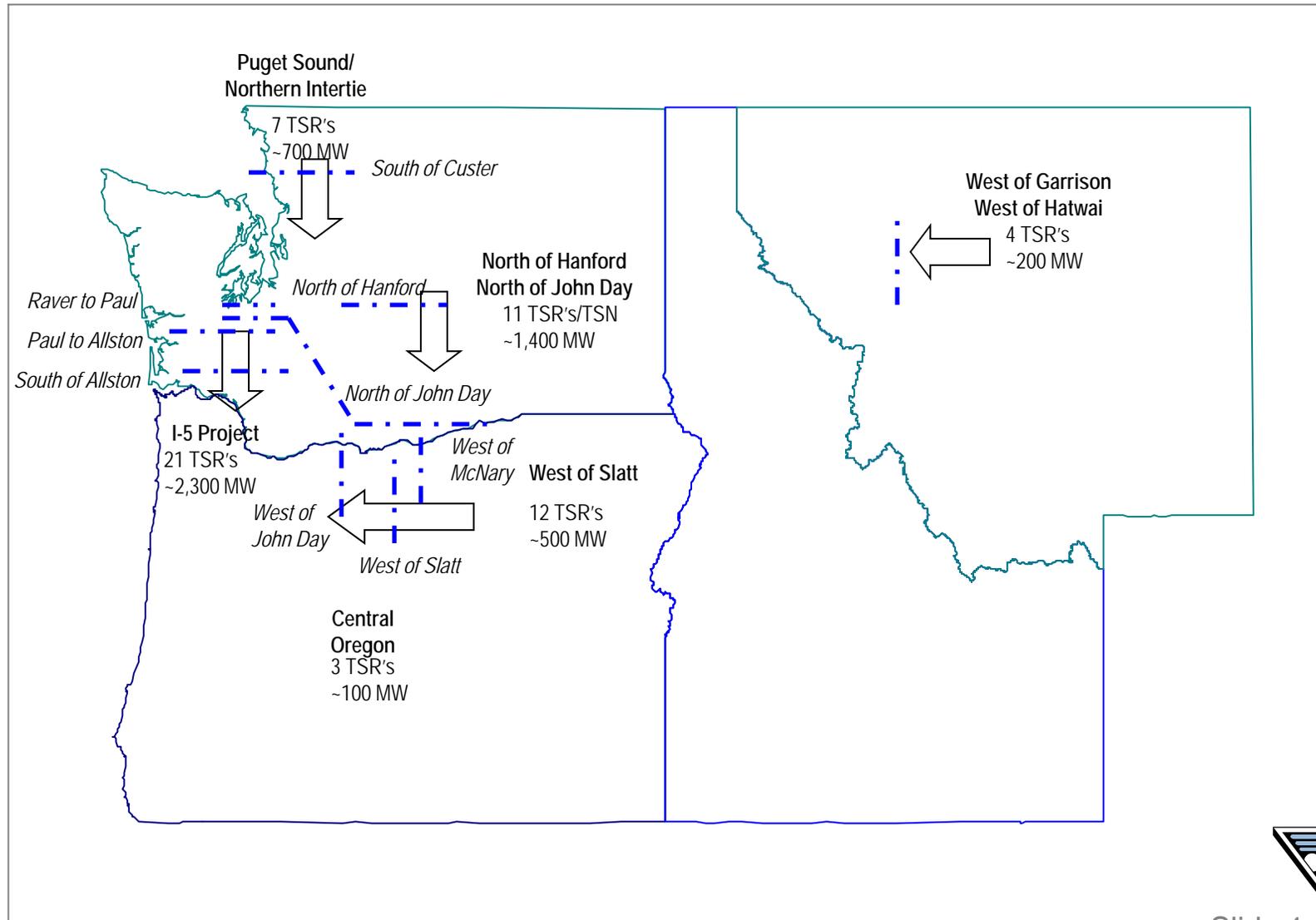


2013 Cluster Study Areas



Cluster Study TSR Overview

- 7,820 MW of TSRs were considered for the 2013 Cluster Study:
 - 1,855 MW either failed the eligibility requirements (405 MW) or did not pass the Data Exhibit validation (1,450 MW) and therefore were not offered a Cluster Study Agreement (CSA)
- BPA tendered 21 CSAs (1 per customer) for 5,965 MW
 - Customers elected not to proceed with 2,492 MW
- BPA received 18 executed and funded CSAs for 3,473 MW.
 - 18 Customers, 48 TSRs
 - 834 MW of NT (19 TSRs)
 - 2,101 MW of Original PTP (21 TSRs)
 - 538 MW of Redirected PTP (8 TSRs)
- 1 TSN for 500 MW associated with SILS Asset Exchange
- Additional 200 MW Redirect associated with PTSAs



2013 Cluster Study – Resource Modeling in ATC Flow Basecases

Category	# of TSRs	Demand
Generation already on in cases -- NT	8 req's	518 MW
Assumed to be part of Mid-C generation already on in cases	5 req's	200 MW
Generation found to be on-line in case	1 req's	30 MW
Redirect -- generation already on in cases	3 req's	330 MW
Redundant TSR	3 req's	469 MW
<i>Total</i>	20 req's	1,547 MW

