



Sea Breeze Pacific Juan de Fuca Cable, LP

Summary of Regional Benefits & Revenue Sharing Opportunities

Renewable “Overgeneration” “Environmental Redispatch” Relief

1. Pathway to B.C. for additional Export or balancing renewable energy (otherwise wasted)
2. Opportunity in BC to access lower cost renewable energy
3. Increased capacity for B.C. energy exports
4. Added value derived from balancing energy and releasing when needed

Reliability/Capacity Benefits

5. Improved Reliability/Capacity for B.C. system through Vancouver Island
6. Improved Reliability/Capacity for BPA system for Puget Sound region and Olympic Peninsula

Energy Flow Benefits

7. Increased cross-border
bi-directional Transmission - 550 MW
8. Increased Firm Power Transfer (ATC)
through Blaine Intertie

Operational Benefits

9. Increased Operating Limits
Cheekye-Dunsmuir
10. Reduced Congestion Issues
North/ South and across the
Cascade Mountains

Expanded Markets

11. Larger Markets for British Columbia IPPs
12. Larger Markets for Alberta IPPs
13. Larger Markets for US IPPs
14. Renewable Energy Exchange

Ancillary System Benefits

15. Voltage / Frequency / Stability Support:
Washington and British Columbia
16. Blackstart Capability:
Washington and British Columbia

Energy Security and National Security

17. Improved National and Homeland Security
18. Improved Renewables Sharing through Geographic Diversity (“wind-firming-wind”)

Regional Financial Benefits

19. Enhanced Additional Wheeling Revenues earned - British Columbia
20. Enhanced Additional Wheeling Revenues earned - Bonneville Power Administration
21. Enhanced Trading Revenues to BC Hydro / Powerex from increased non-firm transactions
22. Deferral of Capital Projects in the Northwest (e.g. Monroe-Echo Lake)

