

# Pacific DC Intertie Upgrade

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# Celilo Converter Station



# PDCI Upgrade

- Replace aging Celilo 4 converter terminal with new 2 converter terminal rated  $\pm 560\text{kV}$  and 3410A and upgrade DC transmission line (Celilo-NOB)
- Initial upgrade to 3220MW with opportunity to increase PDCI to 3800MW N-S.
- Reduce O&M costs by 30%.
- One manufacturer technology and less equipment improves reliability, availability and maintainability.
- Simpler configuration facilitates remote operation, dynamic scheduling and capacity tags.
- Substantial reduction in spare parts inventory.

# PDCI Upgrade

- Upgrade would be completed January 2016 and operate initially at 3220MW.
- BPA AC system reinforcements (\$25M-\$50M) required for upgrade beyond 3220MW.
- PDCI curtailment to 2000MW January to December 2015 and 0MW December to January for construction.

# PDCI Upgrade

## Questions?

Please submit questions to [techforum@bpa.gov](mailto:techforum@bpa.gov), with  
“PDCI Upgrade” in the subject line