Canyon Switching Station Plan



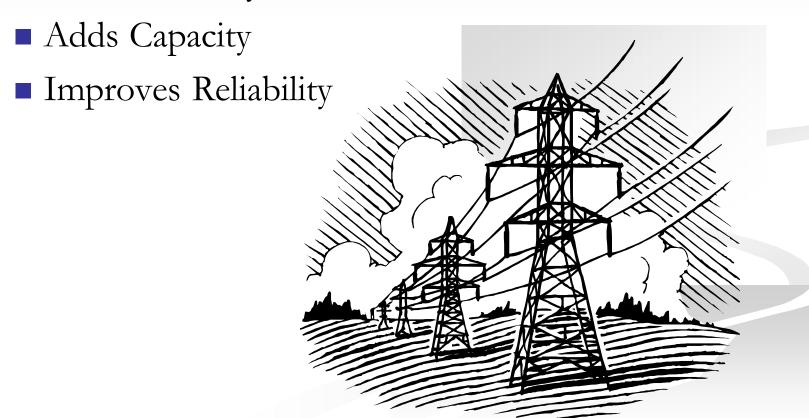
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Purpose of Canyon Switchyard

Increase the Robustness of Tacoma Power's Transmission system



Current Problems with the LaGrande Lines

- LaGrande lines #1 & #2 are 64 years old
- Least reliable transmission lines in Tacoma Power's system
- During the winter season, peak loads typically exceed the capacity of the LaGrande lines if one of the two lines is out of service
- Serve an area that currently has a high load growth rate

Alternatives Considered

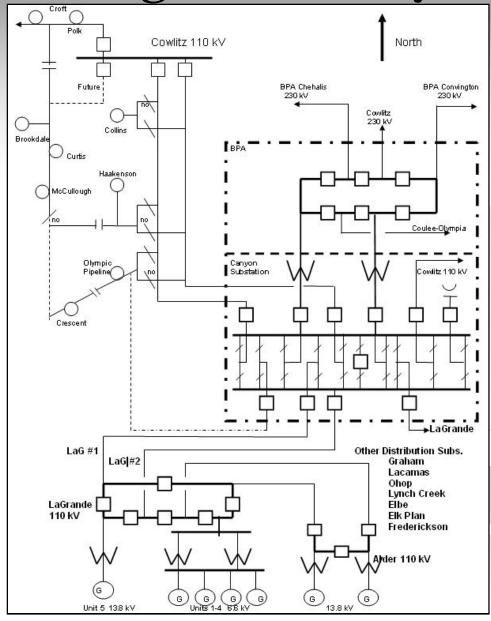
- 1. Reconductor or uprate the LaGrande Lines
- 2. Build the Canyon switching station to interconnect with the BPA South Tacoma Substation
- 3. Construct a 3rd circuit from Cowlitz to Canyon



Location of Canyon Switching Station



One-Line Diagram of Canyon Project



Canyon Project Schedule

- BPA completed an Impact Study and found no impact to its transmission system
- BPA is currently doing a Facility Study, which should be completed in November 2007
- Entire project is anticipated to be completed by 2012