

**Appendix B - Project Status
As of December 7, 2004**

Project		Energization	Notes	Estimated Cost with Overheads (\$M)	Actual Cost with Overheads (\$M)	Approved by ITRC	Regional Planning Complete
Kangley-Echolake 500 kV line	G1	Completed	Energized Dec-03		\$84.3	2001	
Schultz - Wautoma 500 kV line	G2	Dec-05	Wautoma Substation done, Schultz - Wautoma line under construction	\$174.6		2001	2002
McNary - John Day 500 kV line	G3	On Hold	Contingent on generator financing	\$167.0		2001	2002
Lower Monumental - Starbuck 500 kV line	G4	Cancelled				2001	
Smiths Harbor - McNary 500 kV line	G5	Cancelled				2001	
Schultz 500 kV series capacitors	G6	Completed	Energized Nov-03		\$16.0	2001	
Celilo Modernization	G7	Completed	Energized Dec-03		\$63.0	2001	
Monroe - Echo Lake 500 kV line	G8	On Hold	Contingent on generator financing	\$200.0		2001	2002
Bell - Coulee 500 kV line	G9	Completed	Energized Dec-04		\$159.0**	2001	2002
Pearl 500/230 kV Transformer	G10	Completed	Energized Dec-03		\$17.0	2002	
South Seattle Transformer	G11	TBD	Location and Need Date To Be Determined	\$32.5			
Olympic Peninsula Reinforcement ¹	G12	Fall 2007	Studying 230-kV double circuit option and non-transmission alternatives	\$21.5		2002/2004	
Paul - Troutdale 500 kV line	G13	On Hold	Contingent on generator financing	\$172.3			
Hanford - Ostrander 500 kV loop-in	G14	Fall 2012	Studying less expensive alternatives	\$122.9			
West of Noxon Reinforcement (Phase 1)	G15	TBD	Need Date To Be Determined	\$86.5			
Lower Monumental & McNary Generator	G16	Cancelled					
West of Spokane/Lewiston Reinforcement (Phase 1)	G17	Cancelled					
Pacific Northwest-Idaho Reinforcement (Phase 1)	G18	Cancelled					
Pacific Northwest-Idaho Reinforcement (Phase 2)	G19	Cancelled					
West of Noxon Reinforcement (Phase 2)	G20	TBD	Need Date To Be Determined	\$86.9			
Lower Valley Area Reinforcement		Fall 2008	Joint project BPA/PAC/LVPL/IPC. Studying non-transmission alternatives.	\$24.1		2004	

Notes:

* The actual estimate for this project is very outdated. We are in the process of updating the estimate for this project, but it should be much closer to \$200M than the previously estimated costs of \$125M.

** The actual given is what has been spent to date and should not include many additional charges.

*** The estimated cost with overheads includes the portion to be paid by BPA only.