

# Prioritized List of Major Capital Projects

Major projects with an estimated total direct capital cost of \$3 million or more

Asset Category: Hydro

As of: 3/6/2012

Already Authorized?	Project Name	Description of Project/Program + Drivers of Business Need	Prioritization Criteria	Key Project Cost and Schedule Uncertainties	FY12	FY13	FY14	FY15	Out Years	Est. Direct Cap Costs in Total	Key Dependencies on Other Orgs
	Main Stem Columbia										
Y		Unit Reliability	Committed - Reliability	Projects Already Underway	\$74,108	\$93,520	\$76,063	\$24,803	\$5,388	\$273,881	None
Y		Station Service	Committed - Reliability	Projects Already Underway	\$15,558	\$21,491	\$14,538	\$3,872	\$815	\$56,273	None
Y		Operations Support	Committed - Reliability	Projects Already Underway	\$8,853	\$8,169	\$7,781	\$9,480	\$282	\$34,565	None
Y		Water Control	Committed - Reliability	Projects Already Underway	\$830	\$140	\$103			\$1,073	None
Y		Cranes	Committed - Reliability	Projects Already Underway	\$15,870	\$10,462	\$107		\$35,531	\$61,969	None
Y		Infrastructure	Committed - Reliability	Projects Already Underway	\$22,230	\$14,750	\$1,607	\$141	\$39	\$38,768	None
Y		Economic Opportunity	Committed - Economic Opportunity	Projects Already Underway	\$19,168	\$25,040	\$25,175	\$21,949	\$42,017	\$133,348	None
N		Unit Reliability	Prioritized - Safety & Environmental Risk	Scope, Schedule, Cost				\$675	\$3,858	\$4,533	None
N		Operations Support	Prioritized - Safety & Environmental Risk	Scope, Schedule, Cost				\$1,725	\$14,902	\$16,626	None
N		Water Control	Prioritized - Safety & Environmental Risk	Scope, Schedule, Cost				\$36,261	\$165,099	\$201,360	None
N		Unit Reliability	Prioritized - Financial Risk	Scope, Schedule, Cost				\$11,657	\$395,419	\$407,076	None
N		Station Service	Prioritized - Financial Risk	Scope, Schedule, Cost				\$1,313	\$60,769	\$62,082	None
N		Cranes	Prioritized - Financial Risk	Scope, Schedule, Cost					\$5,581	\$5,581	None
	Headwater/Lower Snake										
Y		Unit Reliability	Committed - Reliability	Projects Already Underway	\$13,934	\$25,607	\$35,669	\$6,832	\$636	\$82,679	None
Y		Station Service	Committed - Reliability	Projects Already Underway	\$4,837	\$3,526				\$8,363	None
Y		Operations Support	Committed - Reliability	Projects Already Underway	\$3,015	\$661	\$1,288			\$4,964	None
Y		Water Control	Committed - Reliability	Projects Already Underway	\$980					\$980	None
Y		Cranes	Committed - Reliability	Projects Already Underway	\$9,464	\$5,678				\$15,143	None
Y		Infrastructure	Committed - Reliability	Projects Already Underway	\$2,708	\$443	\$800			\$3,952	None
Y		Economic Opportunity	Committed - Economic Opportunity	Projects Already Underway	\$26	\$368			\$2,930	\$3,324	None
N		Unit Reliability	Prioritized - Safety & Environmental Risk	Scope, Schedule, Cost				\$262	\$3,001	\$3,264	None
N		Operations Support	Prioritized - Safety & Environmental Risk	Scope, Schedule, Cost				\$1,697	\$13,364	\$15,061	None
N		Water Control	Prioritized - Safety & Environmental Risk	Scope, Schedule, Cost				\$23,652	\$134,839	\$158,490	None
N		Unit Reliability	Prioritized - Financial Risk	Scope, Schedule, Cost				\$7,453	\$140,989	\$148,442	None
N		Station Service	Prioritized - Financial Risk	Scope, Schedule, Cost				\$1,387	\$46,575	\$47,963	None
N		Cranes	Prioritized - Financial Risk	Scope, Schedule, Cost				\$131	\$17,389	\$17,520	None

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	Area Support										
Y		Unit Reliability	Committed - Reliability	Projects Already Underway	\$16,239	\$27,572	\$21,905	\$9,101	\$734	\$75,551	None
Y		Station Service	Committed - Reliability	Projects Already Underway	\$1,193	\$140				\$1,333	None
Y		Operations Support	Committed - Reliability	Projects Already Underway	\$366	\$847				\$1,212	None
Y		Water Control	Committed - Reliability	Projects Already Underway	\$11,585	\$5,436	\$364			\$17,384	None
Y		Cranes	Committed - Reliability	Projects Already Underway	\$882	\$6,594	\$1,722			\$9,198	None
Y		Infrastructure	Committed - Reliability	Projects Already Underway	\$206	\$367				\$574	None
Y		Economic Opportunity	Committed - Economic Opportunity	Projects Already Underway	\$3,107	\$5,834	\$5,926	\$6,047	\$9,831	\$30,744	None
N		Unit Reliability	Prioritized - Safety & Environmental Risk	Scope, Schedule, Cost				\$600	\$3,890	\$4,489	None
N		Operations Support	Prioritized - Safety & Environmental Risk	Scope, Schedule, Cost				\$4,670	\$22,344	\$27,013	None
N		Water Control	Prioritized - Safety & Environmental Risk	Scope, Schedule, Cost				\$8,206	\$66,620	\$74,826	None
N		Unit Reliability	Prioritized - Financial Risk	Scope, Schedule, Cost				\$4,467	\$105,026	\$109,493	None
N		Station Service	Prioritized - Financial Risk	Scope, Schedule, Cost				\$3,090	\$66,181	\$69,271	None
N		Cranes	Prioritized - Financial Risk	Scope, Schedule, Cost					\$3,044	\$3,044	None
	Local Support										
Y		Unit Reliability	Committed - Reliability	Projects Already Underway	\$842	\$2,261	\$568	\$1,177		\$4,847	None
Y		Operations Support	Committed - Reliability	Projects Already Underway	\$598					\$598	None
Y		Water Control	Committed - Reliability	Projects Already Underway	\$32	\$543	\$1,104			\$1,679	None
Y		Economic Opportunity	Committed - Reliability	Projects Already Underway				\$1,197	\$17,608	\$18,804	None
Y		Economic Opportunity	Committed - Economic Opportunity	Projects Already Underway	\$670					\$670	None
N		Unit Reliability	Prioritized - Safety & Environmental Risk	Scope, Schedule, Cost				\$116	\$511	\$627	None
N		Operations Support	Prioritized - Safety & Environmental Risk	Scope, Schedule, Cost				\$209	\$1,793	\$2,002	None
N		Water Control	Prioritized - Safety & Environmental Risk	Scope, Schedule, Cost				\$1,498	\$12,282	\$13,780	None
N		Unit Reliability	Prioritized - Financial Risk	Scope, Schedule, Cost				\$247	\$29,716	\$29,963	None
N		Station Service	Prioritized - Financial Risk	Scope, Schedule, Cost				\$17	\$9,483	\$9,500	None
	Pump Storage										
Y		Unit Reliability	Committed - Reliability	Projects Already Underway	\$3,957	\$1,946	\$1,666			\$7,569	None
Y		Infrastructure	Committed - Reliability	Projects Already Underway	\$322	\$1,164	\$4,547	\$9,279	\$2,170	\$17,483	None