

## 2009 Capital Projects

System	Fund	Project #	Title	Tot Proj Bud	2009 est	2010	2011	2012	2013
Distribution	DSCN		Andrew York 115kV Terminations Improv Vehicles-T&D	2,221,411	650,000	686,233	431,794	453,384	
		20042171	DS-Entiat Valley 115KV Trnsmn	8,051,811	150,000	0	0	0	0
		2XXX0100	UG Xfrms-Capital Purchases	300,000	300,000	1,591,350	1,639,091	1,688,263	0
		2XXX0200	OH Xfrms-Capital Purchases	200,000	200,000	1,273,080	1,311,272	1,350,611	0
		2XXX0300	Electric Line Devices	103,000	103,000	106,090	109,273	112,551	0
		DS060002	College 3-104 Extension	507,310	442,690	0	0	0	0
		DS060004	DS-Okanogan Substation	3,515,000	250,000	3,250,000	150,000	0	0
		DS060007	DS-Entiat Valley Substatn Upgr	3,000,000	250,000	100,000	0	0	2,100,000
		DS070003	DS - Waterfront Substation	3,070,631	615,000	0	0	0	0
		DS070004	Entiat Switching Station	2,500,000	0	300,000	0	0	0
		DS080003	Headquarters Generator	150,000	95,190	0	0	0	0
		DS080005	Entiat Valley Radio Site	250,000	0	0	0	0	0
		DSXX0001	DS - Customer Services	1,133,000	1,133,000	1,166,990	1,202,000	1,238,060	0
		DSXX0002	DS - Electric Meters	150,000	150,000	154,500	159,135	163,909	168,826
		DSXX0003	DS-Undergrnd Cable Replacement	484,100	484,100	498,623	513,582	528,989	0
		DSXX0005	Elec Trans OH Replacements	200,000	200,000	200,000	200,000	200,000	0
		DSXX0006	Substation Equip Replacements	1,615,000	1,615,000	45,000	350,000	350,000	350,000
		DSXX0007	Distribution Line Improvements	545,000	545,000	200,000	200,000	200,000	0
		DSXX0008	Transmission Improvements	490,000	490,000	280,000	280,000	385,000	0
		DSXX0009	Substation Improvements	891,000	891,000	750,000	1,250,000	750,000	750,000
		DSXX0010	Automated Metering System	15,000,000	9,300,000	3,000,000	0	0	2,500,000
DSXX0011	Elec Reconductor Upgrades	1,897,000	1,897,000	1,910,000	1,500,000	1,500,000	1,500,000		
DSXX0014	Elec Mandated Relocate	250,000	250,000	500,000	500,000	500,000	500,000		
DSXX0016	T-D Facility Addns-Imprmnts	49,080	49,080	150,000	150,000	100,000	100,000		
	DSLE	DSLEPROJ	DSLE Projects	1,500,000	1,500,000	1,545,000	1,591,350	1,639,091	1,688,263
<b>Distribution Total</b>				<b>48,371,343</b>	<b>21,858,060</b>	<b>17,706,866</b>	<b>11,537,496</b>	<b>11,159,857</b>	<b>9,657,090</b>
Networks	NWCN		Vehicles-Networks	128,854	30,000	31,500	33,075	34,279	
		20031595	Fiber Distribution	51,604,003	5,000,000	4,800,000	4,600,000	4,600,000	0
		20031596	Fiber Node Electronics	7,949,021	1,200,000	850,000	650,000	500,000	0
		20031597	Fiber Network Operations Ctr	4,297,943	450,000	450,000	450,000	450,000	0
		20031599	Fiber Premises Devices	16,785,724	1,650,000	1,750,000	1,750,000	1,750,000	0
		20031600	Fiber Premises Drops	15,924,032	1,500,000	1,500,000	1,500,000	1,500,000	0
		NW070001	Out of Band Mgmt for NW Nodes	89,440	0	0	0	0	0
		NW080005	Networks Node Enclosures	150,000	100,000	0	0	0	0
<b>Networks Total</b>				<b>96,929,017</b>	<b>9,930,000</b>	<b>9,381,500</b>	<b>8,983,075</b>	<b>8,834,279</b>	<b>0</b>

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Water/Wastewater	SLCN	SWXX0001	New Sewer Svcs-Lake Wenatchee	46,350	46,350	47,741	49,173	50,648	52,167	
	SPCN	SWXX0002	New Sewer Svcs-Peshastin	12,360	12,360	12,731	13,113	13,506	13,911	
	WMCN		Squilchuck 1427 Reservoir-Transmsn Main	2,250,000	250,000	2,000,000				
			Squilchuck 1744 Reservoir	500,000	500,000					
			Sunnyslope 1800 Reservoir	1,065,000	65,000	1,000,000				
			Vehicles-Water	175,000	175,000					
	WR050003		Skyline Booster Pump Station	935,817	0	0	0	0	0	
	WR060008		Sage Hills-Lester Rd Watr Main	285,764	180,000	0	0	0	0	
	WR070002		Squilchuck Pump Station #1	275,000	225,000	0	0	0	0	
	WR070003		Squilchuck Pump Station #2	238,000	188,000	0	0	0	0	
	WR070005		WS Security-Intrusion Preventn	150,000	75,000	0	0	0	0	
	WR080001		SleepyHollow Wtr Main Intertie	435,000	356,000	0	0	0	0	
	WR080002		Lower Sunnyslope Wtr Main Repl	225,000	200,000	0	0	0	0	
	WR080A13		919 Reservoir-Transmsn Main	5,200,000	3,600,000	1,000,000	0	0	0	
	WRXX0001		WS - New Water Main Services	82,400	82,400	84,872	87,418	90,041	118,246	
	WRXX0002		WS - Customer Line Extensions	51,500	51,500	53,045	54,636	56,275	0	
WRXX0003		WS - Water Main Replacements	840,000	840,000	550,000	1,550,000	1,620,000	0		
WRXX0004		WS - Water Main Fire Hydrants	7,500	7,500	7,725	7,957	8,195	8,695		
<b>Water/Wastewater Total</b>				<b>12,774,691</b>	<b>6,854,110</b>	<b>4,756,113</b>	<b>1,762,297</b>	<b>1,838,666</b>	<b>193,019</b>	
Rocky Reach	RRCN		Rocky Reach Columbia Metering	400,000	90,000	310,000				
			Rocky Reach SPCC	200,000	200,000					
			RR 7-710 Breaker Upgrade	258,000	258,000					
			RR Synchronization Imprv	125,000	125,000					
			Relay 6-770 Upgrade	85,000	85,000					
			Relay 6-720 Upgrade	85,000	85,000					
			RR 6-720 Breaker Upgrade	208,000	208,000					
			HTTR0001 Intake Screens	39,177	39,177					
			HTCH0005 Upgrd Rear Bldg-Cap	1,210,567	67,930	798,022	344,615			
	RR070019		RR Tainter Gate Arm Strengthen	3,600,000	900,000	800,000	1,200,000	0	0	
	RR080006		RR Grounding Replace	155,000	0	0	0	0	0	
	RR080008		RR 230kV Breaker 7-680	212,687	0	0	0	0	0	
	RREN	RR060007		ChFall Hatch GrndWtr Prod Well	3,172,749	1,205,679	500,000	750,000	0	0
		RR070002		Chel Falls Hatchry Rearing Fac	309,553	10,006	347,199	3,722,250	0	0
		RR070003		Chel Falls Hatchery Water Main	300,000	200,000	1,615,000	0	0	0
		RR080001		Auvil Property Well Drilling	500,000	0	0	0	0	0
RR080002			Chelan Hatchery Packed Columns	100,000	113,097	865,158	0	0	0	
RRRC			Riverside WH Pallet Racking	20,000	20,000					
	20021348		RR EASEMENTS	1,144,841	389,000	0	0	0	0	
	RR060009		Security-RR CCTV Upgrds-Cntrls	184,731	0	0	0	0	0	
	RR070008		RR Swyd 230kV York Line Termnl	1,244,727	60,000	0	0	0	0	
RRRL	20042123		RR RELICEN ADMIN	2,325,542	25,000	0	0	0	0	
	RR070011		RR Lic Impl:Entiat WW Cap Rsrv	1,300,000	1,462,294	0	0	0	0	
<b>Rocky Reach Total</b>				<b>17,180,574</b>	<b>5,543,183</b>	<b>5,235,379</b>	<b>6,016,865</b>	<b>0</b>	<b>0</b>	

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Rock Island	R1CN	20042131	RI Turbine Gen Rehab	132,682,000	12,500,000	27,000,000	27,000,000	3,200,000	0	
		20042133	RI Electric Replacement	12,993,572	231,783	400,000	400,000	0	0	
		20042134	RI Balance of Plant	3,952,640	240,279	50,000	50,000	0	0	
		RI060001	RI PH1 Safety Improvements	2,000,000	100,129	0	0	0	0	
		RI060002	RI PH1 Fire Alarm System	895,000	86,290	0	0	0	0	
		RI060007	George Sellar RelocateRR-W-MK	520,000	0	675,000	0	0	0	
		RI060008	RI PH1-McKenzie 115KV Rebuild	2,000,000	0	1,450,000	0	0	0	
		RI070007	Line Uprate RR-W-MK	1,500,000	0	400,000	9,000,000	200,000	0	
		RI070009	N Wenatchee 12kv CB	238,000	0	40,000	0	0	0	
		RI070026	RI B1-B4 Gen Modernization	19,600,000	6,267,413	20,000	10,000	10,000	1,100,000	
		RI080001	N. Wen Breaker 6-200 Replace	200,000	0	0	0	0	0	
		RI080002	N. Wen Breaker 6-210 Relay Rep	64,941	0	0	0	0	0	
		RI080003	N. Wen Breaker 6-210 Replace	186,760	0	0	0	0	0	
		RI080004	Wenatchee Grounding Replace	40,000	0	0	0	0	0	
		RI08016A	B3-B4 Generator Coolers	306,000	0	0	0	0	0	
	RI08016B	B1-B2 Generator Coolers	306,000	0	0	0	0	0		
	R2CN	RI060017	RI2 Trashrake	3,044,876	200,000	0	0	0	0	
		RI080007	RI PH2 Station Svc Breakers	500,000	0	112,000	112,000	112,000	0	
		RI080008	RI Rt Bank Fish Ladder Screen	666,706	446,706	200,000	0	0	0	
		RI080017	PH2 Governor Air Compressor	147,115	140,000	0	0	0	0	
	RJCN	RI060004	Security-RI PH1&2 Access Cntrl	116,000	0	0	0	0	0	
		RI070006	C13 Building Addition	250,000	189,133	0	0	0	0	
		RI070011	Chiwawa Steelhead Rearing Pond	308,896	9,070	360,907	6,213,415	0	0	
		RI070022	E Bk Adult Steelhead Hold Mods	680,140	0	116,974	758,284	0	0	
		RI080009	Eastbank Alarm System	50,000	0	167,420	0	0	0	
		RI080010	Eastbank Aquifer Msrmnt Equip	187,000	127,600	0	0	0	0	
		RI080011	Chiwawa Pump Shelter	156,000	0	0	0	0	0	
		RI080012	Eastbank Predator ExclusionSys	57,500	0	94,214	0	0	0	
	RJRC	RI070017	RI Easements	150,076	75,000	0	0	0	0	
	<b>Rock Island Total</b>				<b>183,799,222</b>	<b>20,613,403</b>	<b>31,086,515</b>	<b>43,543,699</b>	<b>3,522,000</b>	<b>1,100,000</b>
	Lake Chelan	LCCN	20031768	LC Hydro Modernization	42,391,662	19,601,634	10,609,424	1,361,927	0	0
			20042259	LC Relay Replacement	1,000,000	0	75,000	0	0	0
			LC050001	LC 115kV Breaker Replacement	1,500,000	0	85,000	0	0	0
LC060013			LC EAC-CCTV	23,687	0	0	0	0	0	
LC070004			LC Stoplogs	466,780	20,000	100,000	100,000	100,000	0	
LC070005			Security-LC Chelan Switchyard	52,050	0	0	0	0	0	
LC070006			Security-LC RiverwalkPk Camera	15,000	0	0	0	0	0	
LC070008			LC PH Bridge Crane VFD	788,336	50,000	0	0	0	0	
LC080001		LC Powerhouse AC Modification	375,000	0	100,000	0	0	0		
LCRL		LC060016	LC Lic Impl - Pump Strn Canal	7,485,000	1,471,224	0	0	0	0	
		LC060017	LC Lic Impl - Low Level Outlet	3,900,000	2,441,803	0	0	0	0	
	LC060018	LC Lic Impl - Reach 4 Habitat	2,608,000	582,151	0	0	0	0		
	LC070001	LC11k Riverwalk Trail Extensn	400,000	438,162	0	0	0	0		
<b>Lake Chelan Total</b>				<b>61,005,515</b>	<b>24,604,974</b>	<b>10,969,424</b>	<b>1,461,927</b>	<b>100,000</b>	<b>0</b>	

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Internal Services	ISCH		Vehicles-Hydro Shared	2,202,000	352,000	650,000	400,000	400,000	400,000
		IS080001	Generator Vibration Test Equip	25,000	0	0	0	0	0
		IS080017	Fish & Wildlife Boat	65,000	67,262	0	0	0	0
	ISCN		Enterprise Storage HW/SW *	900,000	100,000	200,000	200,000	200,000	200,000
			Fleet Shop Equipment *	225,000	45,000	45,000	45,000	45,000	45,000
			Primavera Licenses	60,000	50,000	10,000			
			Servers *	1,000,000	200,000	200,000	200,000	200,000	200,000
			Vehicle Wash Pad	75,000	75,000				
			Vehicles-Internal Services	1,080,000	80,000	250,000	250,000	250,000	250,000
			HQ HVAC Upgrade	483,000	233,000	250,000			
			IT Software-New Services *	1,800,000	300,000	300,000	500,000	500,000	200,000
			Facilities Upgrades	625,000	25,000	150,000	150,000	150,000	150,000
		20032093	CMMS Hardware & Software	1,397,381	542,000	0	0	0	0
		20042279	Security-CCTV Distribution	504,251	0	0	0	0	0
		IS050003	Data Center Move	1,980,477	800,000	0	0	0	0
		IS050018	SCADA Intrusion Detection Sys	47,637	0	0	0	0	0
		IS060004	Network Admission Control	236,948	20,000	0	0	0	0
		IS070002	Storage Management HW/SW	199,936	90,000	0	0	0	0
		IS070004	GIS	302,549	1	0	0	0	0
		IS070005	Intranet Upgrade	40,000	20,000	0	0	0	0
IS070018	Power Mgmt System Firewall	20,000	0	0	0	0	0		
IS080006	Network Security Equip Upgrade	250,000	75,000	0	0	0	0		
IS080007	Enterprise Candidate Gateway	105,000	0	0	0	0	0		
IS080009	Exchange 2007 Email Servers	30,000	0	0	0	0	0		
<b>Internal Services Total</b>				<b>13,654,179</b>	<b>3,074,263</b>	<b>2,055,000</b>	<b>1,745,000</b>	<b>1,745,000</b>	<b>1,445,000</b>
<b>Grand Total</b>				<b>433,714,541</b>	<b>92,477,993</b>	<b>81,190,797</b>	<b>75,050,359</b>	<b>27,199,802</b>	<b>12,395,109</b>