

# CGS Long Range Plan

# Fiscal Year 2013

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Item Description	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	
	BPA Rate Period		BPA Rate Period		BPA Rate Period		BPA Rate Period		BPA Rate Period		BPA Rate Period	
<b>Direct and Indirect O&amp;M Costs</b>												
Baseline Costs	\$ 126,308	\$ 124,333	\$ 120,138	\$ 122,926	\$ 119,588	\$ 121,786	\$ 119,988	\$ 123,186	\$ 119,988	\$ 122,786	\$ 119,988	
Outage Costs (Incremental)	25,028	150	29,750	150	25,200	150	25,200	150	25,200	150	25,200	
Admin / General (A&G)	73,479	69,903	70,349	69,444	69,560	68,700	69,634	69,070	69,819	68,752	69,317	
O&M Projects	44,024	10,965	46,889	13,052	43,485	11,148	44,054	13,514	42,788	11,082	46,273	
Facilities O&M Projects	589	780	890	890	890	890	890	890	890	890	890	
O&M Risk Reserve	1,000	1,532	3,336	1,532	2,694	1,294	2,694	1,242	2,694	1,123	2,694	
<b>Subtotal Direct &amp; Indirect O&amp;M Costs</b>	<b>\$ 270,428</b>	<b>\$ 207,663</b>	<b>\$ 271,352</b>	<b>\$ 207,994</b>	<b>\$ 261,417</b>	<b>\$ 203,968</b>	<b>\$ 262,460</b>	<b>\$ 208,052</b>	<b>\$ 261,379</b>	<b>\$ 204,783</b>	<b>\$ 264,362</b>	
Escalation on Direct & Indirect	-	8,447	21,785	26,491	43,952	45,476	69,213	67,908	96,337	89,041	127,465	
<b>Subtotal Direct &amp; Indirect O&amp;M Costs</b>	<b>\$ 270,428</b>	<b>\$ 216,110</b>	<b>\$ 293,137</b>	<b>\$ 234,485</b>	<b>\$ 305,369</b>	<b>\$ 249,444</b>	<b>\$ 331,673</b>	<b>\$ 275,960</b>	<b>\$ 357,716</b>	<b>\$ 293,824</b>	<b>\$ 391,827</b>	
<b>Capital Costs</b>												
PRC Capital Projects	\$ 29,818	\$ 22,222	\$ 29,347	\$ 25,142	\$ 34,690	\$ 25,980	\$ 40,769	\$ 25,746	\$ 28,271	\$ 21,037	\$ 42,526	
Moveable Capital & Downtown Capital Projects	1,644	1,507	1,507	1,507	1,507	1,507	1,507	1,507	1,507	1,507	1,507	
Facilities Capital Projects	537	500	530	535	565	565	565	565	565	565	565	
Information Technology Capital Projects	3,001	7,772	6,230	5,789	5,706	9,141	6,115	6,168	5,808	7,555	6,465	
Admin / General (A&G)	5,507	3,954	3,846	3,514	4,805	3,214	4,147	3,005	3,724	3,757	3,916	
Capital Risk Reserve	4,414	2,412	3,508	2,052	3,641	1,989	4,002	2,142	3,848	2,142	3,848	
Fukushima Impacts	5,520	11,600	9,300	6,300	6,100	-	-	-	-	-	-	
<b>Subtotal Capital Costs</b>	<b>\$ 50,441</b>	<b>\$ 49,967</b>	<b>\$ 54,268</b>	<b>\$ 44,839</b>	<b>\$ 57,014</b>	<b>\$ 42,396</b>	<b>\$ 57,105</b>	<b>\$ 39,133</b>	<b>\$ 43,723</b>	<b>\$ 36,563</b>	<b>\$ 58,827</b>	
Escalation on Capital Costs	-	1,775	3,917	4,945	8,567	8,069	13,311	10,821	14,145	13,649	24,627	
<b>Subtotal Capital Costs</b>	<b>\$ 50,441</b>	<b>\$ 51,742</b>	<b>\$ 58,185</b>	<b>\$ 49,784</b>	<b>\$ 65,582</b>	<b>\$ 50,465</b>	<b>\$ 70,416</b>	<b>\$ 49,954</b>	<b>\$ 57,868</b>	<b>\$ 50,212</b>	<b>\$ 83,454</b>	
<b>Fuel Related Costs</b>												
Nuclear Fuel Amortization	\$ 39,532	50,732	46,252	64,739	57,477	63,684	56,560	69,672	61,856	74,419	67,090	
Spent Fuel Fee	7,923	8,847	8,047	8,956	7,901	8,932	7,899	8,918	7,867	8,894	7,989	
<b>Subtotal Fuel Related Costs</b>	<b>\$ 47,455</b>	<b>\$ 59,579</b>	<b>\$ 54,299</b>	<b>\$ 73,695</b>	<b>\$ 65,378</b>	<b>\$ 72,616</b>	<b>\$ 64,459</b>	<b>\$ 78,590</b>	<b>\$ 69,723</b>	<b>\$ 83,313</b>	<b>\$ 75,079</b>	
<b>Total Unescalated Budget</b>	<b>\$ 368,324</b>	<b>\$ 317,209</b>	<b>\$ 379,919</b>	<b>\$ 326,528</b>	<b>\$ 383,809</b>	<b>\$ 318,980</b>	<b>\$ 384,024</b>	<b>\$ 325,775</b>	<b>\$ 374,825</b>	<b>\$ 324,659</b>	<b>\$ 398,268</b>	
<b>Total Escalation</b>	<b>-</b>	<b>10,222</b>	<b>25,702</b>	<b>31,436</b>	<b>52,519</b>	<b>53,545</b>	<b>82,524</b>	<b>78,729</b>	<b>110,482</b>	<b>102,690</b>	<b>152,092</b>	
<b>Total Costs - Industry basis</b>	<b>\$ 368,324</b>	<b>\$ 327,431</b>	<b>\$ 405,621</b>	<b>\$ 357,964</b>	<b>\$ 436,329</b>	<b>\$ 372,525</b>	<b>\$ 466,548</b>	<b>\$ 404,504</b>	<b>\$ 485,307</b>	<b>\$ 427,349</b>	<b>\$ 550,360</b>	
Total Net Generation (Gwh)	8,473	9,517	8,291	9,517	8,473	9,517	8,473	9,517	8,473	9,517	8,473	
Outage Days	40	-	47	-	40	-	40	-	40	-	40	
<b>Cost of Power (Cents per kWh, constant FY13\$)</b>	<b>4.347</b>	<b>3.333</b>	<b>4.582</b>	<b>3.431</b>	<b>4.530</b>	<b>3.352</b>	<b>4.532</b>	<b>3.423</b>	<b>4.424</b>	<b>3.411</b>	<b>4.700</b>	
<b>Cost of Power (Cents per kWh, escalated)</b>	<b>4.347</b>	<b>3.440</b>	<b>4.892</b>	<b>3.761</b>	<b>5.150</b>	<b>3.914</b>	<b>5.506</b>	<b>4.250</b>	<b>5.728</b>	<b>4.490</b>	<b>6.495</b>	

### Key Assumption/Qualifications

Blended Escalation Rate = 3.95% starting FY 14