

Numbers may not add due to rounding.

Filed: 2010-05-26  
EB-2010-0008  
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Tab 1  
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Table 1

Table 1  
Capital Project Listing - Regulated Hydroelectric  
Projects >\$10M Total Project Cost<sup>1</sup>

Line No.	Project Name	Project Summary Ref. No.	Category	Changes from EB-2007-0905	Start Date	Final In-Service Date	Total Project Cost (\$M)	In-Service 2010 (\$M)	In-Service 2011 (\$M)	In-Service 2012 (\$M)	2007 Actual (\$M)	2008 Actual (\$M)	2009 Actual (\$M)	2010 Budget (\$M)	2011 Plan (\$M)	2012 Plan (\$M)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)
	Project summaries for the following projects are included in this section of the application															
	<b>Niagara Plant Group</b>															
1	Niagara Tunnel Project	EXEC0007	Value Enhancing	Ongoing	2005	Dec-13	1,600.0	0.0	0.0	0.0	63.9	131.3	213.5	241.8	288.0	199.0
2	DeCew Falls I GS - Penstock and Saddle Replacement	DCW10019	Sustaining	New	2009	Apr-11	10.3	5.1	5.2	0.0	0.0	0.0	3.0	6.2	1.1	0.0
3	Sir Adam Beck I GS - Unit G9 Upgrade	SAB10047	Sustaining	Ongoing	2008	Dec-10	32.1	32.1	0.0	0.0	0.0	0.9	13.6	17.6	0.0	0.0
4	Sir Adam Beck I GS - Unit G10 Upgrade	SAB10050	Sustaining	Ongoing	2012	Dec-14	29.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
5	Sir Adam Beck I GS - Unit G3 Upgrade	SAB10064	Sustaining	Ongoing	2011	Dec-12	29.4	0.0	0.0	29.4	0.0	0.0	0.0	2.0	12.5	15.0
6	Sir Adam Beck I GS - Rehabilitate Canal Lining (H-98-0053)	SAB10056	Sustaining	Deferred	2016		121.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	Sir Adam Beck I GS - Unit G7 Frequency Conversion	SAB10032	Value Enhancing	Completed	2007	Jun-09	27.6	0.0	0.0	0.0	6.1	17.8	3.7	0.0	0.0	0.0
8	Sir Adam Beck Pump GS - Dyke Foundation Grouting	SABP0022	Sustaining	Deferred	2016		21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Saunders GS</b>															
9	St. Lawrence Power Development Visitor Centre	HOSL0005	Sustaining	New	2008	Sep-10	12.0	12.0	0.0	0.0	0.0	0.5	7.2	4.7	0.0	0.0
10	Replace Generator Protection & Control Upgrades	SAUN0047	Sustaining	Ongoing	2009	Mar-12	21.1	1.1	17.0	3.0	0.0	0.0	3.9	8.3	8.1	0.5
11	Station Service Replacement	SAUN0080	Sustaining	New	2011	Dec-17	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9
12	Replace HVAC System	H-97-1864	Sustaining	Completed	2007	May-08	11.4	0.0	0.0	0.0	8.0	3.0	0.0	0.0	0.0	0.0
13	<b>Total</b>						1,926.6	50.3	22.2	32.4	78.0	153.5	244.9	280.6	309.9	217.7

Notes:

- 1 Projects with expenditures during Test Period or in-service amounts during the Bridge Year.

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Projects \$5M - \$10M Total Project Cost<sup>1</sup>

Line No.	Project Name	Category	Changes from EB-2007-0905	Project Description	Final In-Service Date	Total Project Cost (\$M)	In-Service 2010 (\$M)	In-Service 2011 (\$M)	In-Service 2012 (\$M)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
	<b>Niagara Plant Group</b>								
1	DeCew Falls I GS - Station Upgrade (DCW10024)	Sustaining	New	General Station Upgrade of Electrical and Mechanical Equipment	Dec-12	5.6	0.0	2.1	3.5
2	Sir Adam Beck Pump GS - Transformer Replacements (SABP0025)	Sustaining	Ongoing	PGS Transformer Replacements	Dec-11	7.2	3.6	3.6	0.0
3	Sir Adam Beck Pump GS - Governor Replacement (SABP0033)	Sustaining	New	Governor Replacement	Dec-13	5.6	0.0	2.0	1.8
4	Sir Adam Beck Pump GS - 13.8 kV Breaker Replacements (SABP0034)	Sustaining	New	13.8 kV Breaker Replacements	Mar-13	5.9	0.0	2.0	3.0
5	Sir Adam Beck I GS - Elevator 1 Shaft and Tunnel Rehabilitation (SAB10084)	Sustaining	Cancelled	A new grouting technique will be used to seal porous rock layers that are allowing water seepage into the elevator shaft. If the new \$1.1M OM&A project planned for 2011 and 2012 is successful, the \$6.1M capital rehabilitation will not be required.		0.0	0.0	0.0	0.0
	<b>Saunders GS</b>								
6	SAUN0079 - Replace Excitation System	Sustaining	New	R.H. Saunders GS - Replace Westinghouse analog static excitors	Dec-13	5.1	0.0	0.0	2.2
7	<b>Total</b>					29.4	3.6	9.7	10.5

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Table 3  
 Capital Project Listing - Regulated Hydroelectric  
Projects <\$5M Total Project Cost<sup>1</sup>

Line No.	Project Description	Number of Projects	Total Project Cost (\$M)	Average Cost Of All Projects (\$M)
		(a)	(b)	(c)
	<b>Niagara Plant Group</b>			
1	<b>Aggregate Total All Projects &lt;\$5M</b>	23	26.8	1.2
	<b>Saunders GS</b>			
2	<b>Aggregate Total All Projects &lt;\$5M</b>	5	13.5	2.7
3	<b>Total</b>	28	40.3	1.4

In-Service 2010 (\$M)	In-Service 2011 (\$M)	In-Service 2012 (\$M)
(d)	(e)	(f)
4.2	7.9	7.3
2.8	3.0	1.3
7.0	11.0	8.6

Notes:

- 1 Projects with expenditures during Test Period or in-service amounts during the Bridge Year.

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Table 4  
 Capital Project Listing - Regulated Hydroelectric  
In-Service Summary - All Capital Projects

Line No.	Project Description	Reference	In-Service 2010 (\$M)	In-Service 2011 (\$M)	In-Service 2012 (\$M)
			(a)	(b)	(c)
1	Projects > \$10 M	D1-1-2 Table 1	50.3	22.2	32.4
2	Projects \$5M - \$10M	D1-1-2 Table 2	3.6	9.7	10.5
3	Projects <\$5M	D1-1-2 Table 3	7.0	11.0	8.6
4	Total Capital Project In-Service Amounts		60.9	42.9	51.5

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Comparison of In-Service Capital Additions - Regulated Hydroelectric Operations (\$M)

Line No.	Sponsoring Division/Category	Budgeted		Actual and Variance				Bridge Year	Test Years	
		2008	2009	2008		2009		2010 Budget	2011 Plan	2012 Plan
				Actual	(c)-(a) Variance	Actual	(e)-(b) Variance			
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1	Niagara Plant Group	32.7	41.6	3.2	(29.5)	32.6	(9.1)	44.8	21.6	44.7
2	Saunders GS	13.1	6.6	11.6	(1.5)	1.1	(5.5)	15.9	20.1	6.5
3	Total Facility Projects	45.8	48.2	14.8	(31.0)	33.7	(14.5)	60.7	41.7	51.2
4	Minor Fixed Assets	0.4	0.3	0.3	(0.1)	0.1	(0.2)	0.2	1.2	0.3
5	Total Hydroelectric Operations	46.2	48.5	15.1	(31.1)	33.8	(14.7)	60.9	42.9	51.5