

LIST OF ENCLOSURES

- I. A list of claimed eligible improvements that excludes:
 - (i) Items that are not capital investments;
 - (ii) Items that were installed, replaced, or implemented for a primary reason other than increasing electric generating output; and
 - (iii) Items that have little or no effect on increasing electric generation output from the Facility.

- II. For the listed improvements taken as a whole, *a good faith estimate* of the total aggregate increase in electricity production attributable to the improvements, expressed either in MWh⁵ or on a percentage basis, above the historical generation baseline.

- III. For the listed improvements, if possible, *a good faith estimate* of the increase in electricity production attributable to such improvement, expressed either in MWh or on a percentage basis, above the historical generation baseline.

⁵ The Applicant has decided to supply this information in MWh as opposed to KWh.

Below is a list of claimed eligible improvements that excludes:

- (i) Items that are not capital investments;**
- (ii) Items that were installed, replaced, or implemented for a primary reason other than increasing electric generating output; and**
- (iii) Items that have little or no effect on increasing electric generation output from the Facility.**

List of Eligible Improvements		
Year	Description of Improvement	Description of Benefits
2008-2 (also see 2008-9)	Installed new leaf boom.	Minimized debris on rack, increase production and reduce need for maintenance. Racks would clog and plant would shut down. Major improvement in production.
2008-1 (also see 2009-8)	Installed new 24-inch exhaust fan with thermostat and floor fans.	Keeps generators cool to prevent plant from shutting down due to overheating of powerhouse. Installed floor fans with thermostatic control. Turbine/generator units used to shut down when powerhouse temperature exceeded 130°F
2008-9 (also see 2008-2)	Installed new 100 cfm Ingersoll Rand gas powered compressor.	Made trash rack cleaning safer and more efficient for operators, reduced head loss, increased production, cut down time for operators
2008-10 (also see 2012-6)	Refurbished left side of dam facing upstream.	Reduce leakage, improved structural stability of dam, enable project to keep operating. Required and necessary to ensure longevity of dam structure.
2009-5 (also see 2009-6 & 2010-14)	Installed new gate limit switches (ordered 2 spare switches).	Critical component for operation of plant. Without limit switch working, gates would not function and plant could not operate. Had reached end of previous useful life and was replaced with industry standard.
2009-6 (also see 2009-5 & 2010-14)	Modified gates for single gate operation.	Reconfigured gate operation by installing new controls (see item 2009-5), increasing production particular during low flows.
2009-8 (also see 2008-1)	Installed new small center fan and set up thermostat for floor fans.	Keep generators cool to prevented plant from shutting down due to overheating of powerhouse. Install floor fans with thermostatic control. T/G units used to shut down for overheating when powerhouse temperature exceeded 130°F
2010-14 (also see 2009-5 & 2010-6)	Replaced hydraulic lines to gates.	Enables gates to operate at higher head and colder temperatures
2012-6 (also see 2008-8)	Refurbished dam.	Refurbished undermined foundation of dam and by placing 28 cubic yards of gunnite on dam.

For the listed improvements taken as a whole, below is *a good faith estimate* of the total aggregate increase in electricity production attributable to the improvements, expressed either in MWh or on a percentage basis, above the historical generation baseline.

The total aggregate increase in electricity production attributable to the improvements since 2009 through 2012, measured in MWh or on a percentage basis, above the historical baseline would be as follows:

Year	Baseline Generation (MWh)	Annual Generation (MWh)	Total Aggregate Increase In Electricity production (MWh)	Total Aggregate Increase In Electricity production (Percentage)
2009	780.13	1,388.00	607.88	77.92
2010	780.13	899.00	118.88	15.24
2011	780.13	1,124.00	343.88	44.08
2012	780.13	1,069.00	288.88	37.03
Average	780.13	1,120.00	339.87	43.57

For the listed improvements, below is *a good faith estimate* of the increase in electricity production attributable to each such improvement, expressed in MWh or on a percentage basis, above the historical generation baseline.

Using the percentages shown below for the four principal Eligible Improvements,

Year	Description of Improvement	Percentage New (%)
2008-2 (also see 2008-9)	Installed new leaf boom.	15%
2008-1 (also see 2009-8)	Installed new 24-inch exhaust fan with thermostat and floor fans.	15%
2008-9 (also see 2008-2)	Installed new 100 cfm Ingersoll Rand gas powered compressor	see above
2008-10 (also see 2012-6)	Refurbished left side of dam facing upstream.	30%
2009-5 (also see 2009-6 & 2010-14)	Installed new gate limit switches (ordered 2 spare switches).	40%
2009-6 (also see 2009-5 & 2010-14)	Modified gates for single gate operation.	see above
2009-8 (also see 2008-1)	Installed new small center fan and set up thermostat for floor fans.	see above
2010-14 (also see 2009-5 & 2010-6)	Replaced hydraulic lines to gates.	see above
2012-6 (also see 2008-8)	Refurbished dam.	see above
		100%

below are Total Aggregate Increase In Electricity Production (MWh) and Total Aggregate Increase In Electricity Production (Percentage) allocated over the four principal Eligible Improvements:

Year	Baseline Generation (MWh)	Average Annual Generation (MWh)	Total Aggregate Increase In Electricity production (MWh)	Total Aggregate Increase In Electricity production (Percentage)
Average	780.13	1,120.00	339.87	43.57
Leaf Boom	Not Applicable	Not Applicable	50.98	6.54
Floor Fans	Not Applicable	Not Applicable	50.98	6.54
Refurbished Dam	Not Applicable	Not Applicable	101.96	13.07
Modified Gates	Not Applicable	Not Applicable	135.95	17.43