

CONFIDENTIAL

080253-EM

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REDACTED

1. Biomass Purchase

Capacity 58 MW summer, 62 MW winter

CF based on [redacted] first year, [redacted] thereafter based on summer/winter capacity (see attachment)

On-line date 2012 for first unit

Must run unit

Term 30 years

Capacity Degradation [redacted] per year

Annual all-in cost to FMPA (see attachment)

SCR assumed for NOx reduction , cost of SCR and associated operating costs included , but NOx allowance costs not included in attached projected biomass costs.

2. PV Project

Capacity maximum 10 MW AC rating.

Degradation [redacted] per year

Capacity Credit 25% (2.5 MW)

Output energy profile (to be provided by Chris Gowder)

Term 20 years

Annual All-in Cost [redacted]

3. DSM Project

Demand Response Type Project

Minimal amount of energy reduction (maximum hours of curtailment is [redacted])

[redacted]

Energy cost is \$ per MWh energy payment rate based on actual MW curtailment X hours curtailed

Amount of curtailment can be greater than contractual amount up to 150% of contractual amount (payment rate to be provided).

Projected Reduction amounts are as follows:

- [redacted] MW in 2009
- [redacted] MW in 2010 [redacted] MW cumulative)
- [redacted] MW in 2011 [redacted] MW cumulative)
- [redacted] MW in 2012 [redacted] MW cumulative)

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■ MW in 2013 ■ MW cumulative)
■ MW in 2014 ■ MW cumulative)
■ MW in 2015 ■ MW cumulative)
■ MW in 2016 ■ MW cumulative)
■ MW in 2017 ■ MW cumulative)

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Costs for ESC Demand Response Proposal					
Year	Demand Pricing \$/kW-Yr	Demand Reduction MW	Demand Cost \$1,000	Present Value in 2008 \$	
				Annual \$1,000	Cumulative \$1,000
2008	-	-	-	-	-
2009	██████	██████	██████	██████	██████
2010	██████	██████	██████	██████	██████
2011	██████	██████	██████	██████	██████
2012	██████	██████	██████	██████	██████
2013	██████	██████	██████	██████	██████
2014	██████	██████	██████	██████	██████
2015	██████	██████	██████	██████	██████
2016	██████	██████	██████	██████	██████
2017	██████	██████	██████	██████	██████
2018	██████	██████	██████	██████	██████
2019	██████	██████	██████	██████	██████
2020	██████	██████	██████	██████	██████
2021	██████	██████	██████	██████	██████
2022	██████	██████	██████	██████	██████
2023	██████	██████	██████	██████	██████
2024	██████	██████	██████	██████	██████
2025	██████	██████	██████	██████	██████
2026	██████	██████	██████	██████	██████
2027	██████	██████	██████	██████	██████

██████ Discount Rate
 2008 Present Value Year

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Projected All-in Costs
for Biomass Project

Year	\$/MWh	Capacity Factor	
2012	[REDACTED]	[REDACTED]	1
2013	[REDACTED]	[REDACTED]%	2
2014	[REDACTED]	[REDACTED]%	3
2015	[REDACTED]	[REDACTED]%	4
2016	[REDACTED]	[REDACTED]%	5
2017	[REDACTED]	[REDACTED]%	6
2018	[REDACTED]	[REDACTED]%	7
2019	[REDACTED]	[REDACTED]%	8
2020	[REDACTED]	[REDACTED]%	9
2021	[REDACTED]	[REDACTED]%	10
2022	[REDACTED]	[REDACTED]%	11
2023	[REDACTED]	[REDACTED]%	12
2024	[REDACTED]	[REDACTED]%	13
2025	[REDACTED]	[REDACTED]%	14
2026	[REDACTED]	[REDACTED]%	15
2027	[REDACTED]	[REDACTED]%	16
2028	[REDACTED]	[REDACTED]%	17
2029	[REDACTED]	[REDACTED]%	18
2030	[REDACTED]	[REDACTED]%	19
2031	[REDACTED]	[REDACTED]%	20
2032	[REDACTED]	[REDACTED]%	21
2033	[REDACTED]	[REDACTED]%	22
2034	[REDACTED]	[REDACTED]%	23
2035	[REDACTED]	[REDACTED]%	24
2036	[REDACTED]	[REDACTED]%	25
2037	[REDACTED]	[REDACTED]%	26
2038	[REDACTED]	[REDACTED]%	27
2039	[REDACTED]	[REDACTED]%	28
2040	[REDACTED]	[REDACTED]%	29
2041	[REDACTED]	[REDACTED]%	30