

187 MW Solar Portfolio

Project Name	Fuel Type	Contracted Capacity (MW)	PPA Price LCOE (\$/MWh)	Energy Proxy Price	Capacity Proxy Price (\$/MW-Year)
Marshall Solar	Solar	63.00		Day-ahead LMP	\$108,030.39
North Star Solar	Solar	100.00		Day-ahead LMP	\$108,030.39

- Energy Proxy Price day-ahead LMP is at each respective generation node.
- 2019 Avg. LMP @ Marshall was \$20.97/MWh. 2019 Avg. LMP @ Northstar was \$22.34/MWh.
- Capacity Proxy Price per EL16-037 Settlement, Attachment G

Community-Based Energy Development Projects

Project Name	Fuel Type	Contracted Capacity (MW)	PPA Price LCOE or Avg. \$/MWh	Proxy Price (\$/MWh)
Adams Wind Generation	Wind	19.80		\$41.98
Big Blue Wind Farm	Wind	36.00		\$41.98
Danielson Wind Farms	Wind	19.80		\$41.98
Ewington Energy Systems, LLC	Wind	20.00		
Grant County Windfarm, LLC	Wind	20.00		\$41.98
Hilltop Power, LLC	Wind	2.00		\$41.98
Jeffers Wind Energy Center	Wind	50.00		
North Community Turbines LLC	Wind	15.00		\$41.98
North Wind Turbines LLC	Wind	15.00		\$41.98
Ridgewind Power Partners, LLC	Wind	25.30		\$41.98
Uilk Wind Farm, LLC	Wind	4.50		\$41.98
Valley View Transmission	Wind	10.00		\$41.98
Winona County Wind LLC	Wind	1.50		\$41.98
Woodstock Municipal Wind, LLC	Wind	0.80		\$41.98
Zephyr Wind LLC	Wind	30.80		\$41.98

- C-BED Proxy Price is the 2010 LBL price of \$41.98/MWh or the actual PPA price if less than \$41.98/MWh.
- C-BED Proxy Price reflects both energy and capacity values.

Renewable Energy Development Fund Projects

Project Name	Fuel Type	Contracted Capacity (MW)	PPA Price LCOE or Avg. \$/MWh	Proxy Price (\$/MWh)
Carleton College	Wind	1.70		
Diamond K Dairy Inc.	Biomass	0.40		SQF Rate
Slayton Solar, LLC	Solar	1.70		SQF Rate
Sr. Notre Dame	Solar	0.70		SQF Rate
St. Johns	Solar	0.50		SQF Rate
St. Olaf College	Wind	1.70		

- RDF Wind Proxy Price is the existing PPA price since the PPA price is lower than 2010 LBL price of \$41.98/MWh.
- RDF Solar and Biomass Proxy Price is the energy rate currently in effect for small qualifying facilities under the Company's Occasional Delivery Energy Service tariff (Sec. No. 9, Sheet 2), which is currently \$23.70/MWh effective 01-01-20.
- RDF Proxy Price reflects both energy and capacity values.

NOTE: LCOE = Levelized Cost of Energy

PPA Prices Sources:

- 187 MW Solar Portfolio: EL16-037 Petition to Suspend Proposed Fuel Clause Rider, Attachment 2
- C-BED: EL16-037 Confidential Exhibit_JPT-2
- RDF: EL16-037 Confidential Exhibit_JPT-3

Contracted Capacity Sources:

- 187 MW Solar Portfolio: EL16-037 Petition to Suspend Proposed Fuel Clause Rider
- C-BED & RDF: EL16-037 NSP Response to Staff DR 4-4