

Consumers Energy Solicitations

Consumers Energy : Request for Proposals/Requests for Information/Pre-Qualifications						
Issue Date	Type	Description	Requested Capacity	Company Owned	Applicable Technology*	Responses
7/23/2010	RFP	Requested bids for the Installation of a Utility Owned Wind Farm	100 MW by 2012	Yes	Wind	7 Proposals
1/15/2010	RFP	Requested bids for Utility Owned Wind Turbines				11 Proposals/ 4 Suppliers
7/27/2009	RFP	Requested Substation Transformer Bids for Utility Owned Wind Farm				4 Proposals
2/19/2010	RFQ	Request for Qualifications for the Installation of a 100 MW Utility Owned Wind Farm	N/A	Yes	Wind	8 Recipients
7/14/2010	RFQ	Request for Qualifications for 100 MWs of Utility Owned Wind Turbines	N/A	Yes	Wind	8 Recipients
5/7/2009	RFP	Requested CEREC**	100 MW by 2012 / 150 MW by 2014	No	All	80 Proposals
1/29/2009	RFP	Requested CEREC**	17.4 MW	No	All	12 Proposals/ 11 Suppliers

* All=Any Renewable Energy Resource defined by 2008 PA 295; REC=Renewable Energy Credit; ACEC=Advanced Cleaner Energy Credit

** CEREC=Capacity, Energy, and Renewable Energy Attributes

Detroit Edison Solicitations

Detroit Edison Company : Request for Proposals/Requests for Information/Pre-Qualifications

Issue Date	Type	Description	Requested Capacity	Company Owned	Applicable Technology*	Responses
11/18/2010	RFP	Requested CEREC**	245 MW by 12/31/2014	No	All	In Progress
7/26/2010	Pre-Q	Pre-qualification for 100-200 MW of Utility Owned Wind Turbines	N/A	Yes	Wind	In Progress
3/29/2010	SOI	Solicitation of Interest to Host Utility Owned Solar at the Customers Location	N/A	Yes	Solar	10 Responses
11/23/2009	RFP	Requested bids for the Installation of Utility Owned Solar	3 MW	Yes	Solar	11 Proposals
10/23/2009	Pre-Q	Pre-Qualification for the Installation of 3 MW of Utility Owned Solar	N/A	Yes	Solar	30 Responses
8/18/2009	RFP	Joint Development for Utility Owned Wind	75 MW by 12/31/2011	Yes	Wind	12 Proposals/ 9 Suppliers
8/18/2009	RFP	Requested CEREC**	106 MW by 12/31/2011	No	All	35 Proposals/ 21 Suppliers
5/22/2009	RFI	Request for Information for the Joint Development of Wind Farms	N/A	Yes	Wind	155 Registered 27 Responses
12/23/2008	RFP	Requested RECs* and ACECs* Without the Associated Energy	250,000 RECs*/Year	No	All	43 Proposals/ 11 Suppliers

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Consumers Energy Contracts

Consumers Energy : Contracts							
Seller	Quantity	Cost*	Term	Renewable Energy Type	Request for Proposal	Commission Approval	Commercial Operation Date
Vestas-American Wind Technology	56 V100 1.8 MW Turbines	The combined average price of \$95.00/MWh	Company Owned	Wind	1/15/2010	12/2/2010	12/31/2012
White Construction, Inc.	Installation and construction of wind farm		Company Owned	Wind	7/23/2010	12/2/2010	12/31/2012
GE Prolec Transformers, Inc.	2 - 125 KV transformers		Company Owned	Wind	7/27/2009	12/2/2010	12/31/2012
Heritage Garden Wind Farm I	28.6 MW	\$106.20 MWh	20 Years	Wind	Unsolicited	11/19/2010	1/1/2012
Heritage Stony Corners Wind Farm II	12.3 MW	\$98.50 MWh	20 Years	Wind	Unsolicited	11/19/2010	1/1/2012
Experimental Advanced Renewable Program	Commercial 836.6 KW Residential 200.1 KW	Commercial \$0.45/KWh Residential \$0.65/KWh	12 Years	Solar	Unsolicited	12/21/2010	5/1/2010
Scenic View Dairy**	0.35 MW	\$83.07/MWh	63 Months	Anaerobic	Unsolicited	10/26/2010	7/29/2010
Blissfield Wind	81 MW	\$100.88/MWh	20 Years	Wind	5/7/2009	7/27/2010	12/31/2012
Harvest II Wind	59.4 MW	\$98.38/MWh	20 Years	Wind	5/7/2009	7/27/2010	12/31/2012
Michigan Wind 2	90 MW	\$94.00/MWh	20 Years	Wind	5/7/2009	7/27/2010	6/30/2012
WM Renewable Energy - Pine Tree Acres	12.8 MW	\$98.75/MWh	20 Years	Biomass	5/7/2009	7/27/2010	6/30/2012
WM Renewable Energy - Northern Oaks Landfill	1.6 MW	\$126.32/MWh	20 Years	Landfill Gas	1/29/2009	10/13/2009	11/11/2010
NANR - Lennon	1.6 MW	\$137.75/MWh	20 Years	Landfill Gas	1/29/2009	10/13/2009	12/31/2010
Elk Rapids Hydro Electric**	0.7 MW	\$143.50/MWh	10 Years	Hydro	1/29/2009	10/13/2009	7/11/2009
Zeeland**	1.6 MW	\$147.28/MWh	7 Years	Landfill Gas	1/29/2009	10/13/2009	7/11/2009
Freemont Community Digester	3.1 MW	\$140.80/MWh	20 Years	Anaerobic	1/29/2009	10/13/2009	11/11/2012
Scenic View Dairy**	0.82 MW	\$160.56/MWh	7 Years	Anaerobic	1/29/2009	10/13/2009	7/11/2009
Total	396 MW						

* Per MWh prices represent levelized costs.

** Pre-existing projects prior to 2008 PA 295 - The commercial operation date would refer to the effective date of the contract.

Detroit Edison Contracts

Detroit Edison Company : Contracts

Seller	Quantity	Cost*	Term	Renewable Energy Type	Request for Proposal	Commission Approval	Commercial Operation Date
Nova Consultants	Unchanged from original contract	Unchanged from original contract	Company Owned	Solar	Extension	12/21/2010	12/31/2011
Blue Water Renewables - Smiths Creek Landfill	3.2 MW	\$99.00/MWh	20 Years	Landfill	Unsolicited	Pending	12/31/2011
Gratiot County Wind	200 MW	\$94.43/MWh	20 Years	Wind	8/18/2009	9/14/2010	12/1/2011
WM Renewable Energy - Eagle Valley Landfill	3.2 MW	Combined average price of \$98.94/MWh	20 years	Landfill	8/18/2009	8/10/2010	6/1/2011
L'Anse Warden Electric Company**	17 MW		20 years	Biomass	8/18/2009	8/10/2010	7/1/2010
Boyce Hydro**	Firm 210,000 RECs w/additional 112,000 RECs dependent on generation	\$7.75/ REC	7 Years	Hydro	12/23/2009	4/27/2010	3/16/2010
Nova Consultants	Up to 3 MW	Up to \$18 Million	Company Owned	Solar	11/23/2009	3/2/2010	12/31/2010
Heritage Sustainable Energy Stoney Corners Wind Farm	12.2 MW	Unchanged from original contract	20 Years	Wind	Unsolicited	12/1/2009	1/1/2011
UPPCO**	Firm 500,000 RECs	Combined average price of \$12.46/REC	7 Years	Hydro	12/23/2009	12/1/2009	10/1/2009
Sterling Planet**	Firm 2,500,000 RECs		10 Years	MISC	12/23/2009	12/1/2009	10/1/2009
Heritage Sustainable Energy Stoney Corners Wind Farm	14 MW	\$115.00/MWh	20 Years	Wind	Unsolicited	4/30/2009	12/21/2009
Total	252 MW						

* Per MWh prices represent levelized costs.

** Pre-existing projects prior to 2008 PA 295 - The commercial operation date would refer to the effective date of the contract.

Other Contracts

Alpena Power Company : Contracts

Seller	Quantity	Cost*	Term	Renewable Energy Type	Request for Proposal	Commission Approval	Commercial Operation Date
Consumers Energy	"Bulk of RECs needed to meet the RPS"	\$30.37/REC (estimated)	20 Years	MSC	Unsolicited	9/15/2009	8/4/2009

AEP/Indiana Michigan : Contracts

Seller	Quantity	Cost*	Term	Renewable Energy Type	Request for Proposal	Commission Approval	Commercial Operation Date
Fowler Ridge Wind Farm II	50 MW	Redacted	20 Years	Wind	Unsolicited	11/15/2009	2/15/2010

* Per MWh prices represent levelized costs.

** Pre-existing projects prior to 2008 PA 295 - The commercial operation date would refer to the effective date of the contract.

Simple Average Cost of Contracts by Technology Type

Consumers Energy

Technology	Wind	Anaerobic	Biomass	Landfill Gas	Hydro
Average	\$98.83	\$128.14	\$98.75	\$137.12	\$143.50

Detroit Edison

Technology	Wind	Anaerobic	Biomass	Landfill Gas	Hydro
Average	\$104.72		\$98.94	\$98.97	
Combined Average	\$101.78	\$128.14	\$98.85	\$118.05	\$143.50

Contract Prices Over Time

