

Power Supply Purchase **2022 - 2052**

Request for Proposal For *Great Lakes Utilities*

September 30, 2021
Amended – October 7, 2021

Contact: Andy Onesti
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Great Lakes Utilities

Request for Proposal

Energy and/or Capacity Purchase(s)

Great Lakes Utilities (GLU) is a municipal electric company formed under Section 66.0825, Wis. Stats. As such, it is a public body and a political subdivision of the State of Wisconsin, with separate legal status from that of its members. GLU was formed in 2000 in order to become a vehicle for obtaining low cost and reliable electric power for its members. GLU is currently forecasting that it will need additional capacity and energy resources beginning in 2022 and is in the process of planning for how to obtain those resources.

GLU is a full Market Participant (MP) of the Midcontinent Independent Transmission System Operator (MISO) and is responsible for the load assets of the WPS.GLU load zone.

GLU's current projection of its annual energy and capacity requirements are shown in Appendix 1 and 2. GLU is also interested in reviewing proposals for renewable (wind or solar up to a total of 75 MWs) energy projects, with or without associated storage capabilities, that are either sited in north-east Wisconsin or have the energy delivered to WPS.GLU (or similar delivery point) and the capacity delivered to MISO Zone 2.

GLU is requesting proposals from electric suppliers to supply short-term and/or long-term energy and capacity resources to meet a portion of its members' projected load requirements. GLU is willing to entertain any viable alternative to meet its energy and capacity requirements including block energy products, tolling agreements, etc. Suppliers may submit proposals for energy with standard detailed information being provided in the RFP Response Package. The requested start date for the capacity purchases is June 1, 2023 and for energy purchases is January 1, 2022.

Transmission and Delivery Point(s)

Energy resources proposed to meet GLU's requirements shall be deliverable to the Midcontinent Independent Transmission System Operator (MISO) energy market. Seller shall clearly define the proposed delivery point within the MISO system. GLU's preferred delivery points for the capacity and energy products are listed in the tables in the Appendixes. GLU will entertain offers from other delivery points within the MISO system that are proposed.

Seller shall clearly define in the proposal how the energy will be scheduled within the MISO energy market (DA or RT). If the proposal is for settling the transaction in the DA market, Seller shall define their method for scheduling the energy. GLU's preference is for physical, DA energy products.

Pricing

Prices quoted shall be clearly indicated as either firm priced offers or prices subject to change. If prices are subject to change, the drivers in the pricing formula must be clearly stated.

Reservation of Rights

GLU reserves the right to accept or reject any proposals at its sole discretion. In addition, GLU reserves the right to consider other alternatives outside of this request to satisfy its energy supply needs.

RFP Schedule

The following schedule and deadlines apply to this RFP:

Activity	Date
Issue RFP	September 30, 2021
RFP Response Package Due	October 20, 2021
Pricing review	November 2021
Contract awards	December 2021

All proposals submitted in response to this RFP must be received by GLU no later than October 20, 2021. Electronic versions of the responses will be acceptable. GLU reserves the right to unilaterally revise or suspend the schedule.

Proposal Responses and Inquiries

By submitting a proposal, each bidder agrees to accept and abide by the terms of this RFP. All costs incurred in responding to this RFP and preparing a proposal are the sole costs of the bidder. GLU will not reimburse any bidder for costs incurred in responding to this RFP or for costs incurred during any subsequent negotiations related to this RFP.

Please direct any questions and send proposals to the GLU Official Contact. Questions must be provided in writing to the Official Contact email address.

GLU Official Contact:

Andy Onesti
Great Lakes Utilities
1323 South 7th Street, P.O. Box 965
Manitowoc, WI 55221
Phone: (920) 686-4371
E-mail: aonesti@mpu.org

Appendix 1

GLU Projected Energy Requirements

Great Lakes Utilities											
2023 - 2035 Energy Requirements											
Request For Quotations											
Item #	Quantity (MWs)	Period	Delivery Period	Delivery Point	Pricing	Delivery Point	Pricing	Delivery Point	Pricing	Delivery Point	Pricing
Product #1	40 MWs 35 MWs	7 X 24 5 X 16	CY 2023	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #2	40 MWs 35 MWs	7 X 24 5 X 16	CY 2024	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #3	40 MWs 35 MWs	7 X 24 5 X 16	CY 2025	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #4	40 MWs 35 MWs	7 X 24 5 X 16	CY 2023 - 2025	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #5	40 MWs 35 MWs	7 X 24 5 X 16	CY 2023 - 2030	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #6	40 MWs 35 MWs	7 X 24 5 X 16	CY 2031 - 2035	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #7	25 MWs	7 X 24	January, February, July & August 2022	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #8	25 MWs	7 X 24	January, February, July & August 2023	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #9	25 MWs	7 X 24	January, February, July & August 2024	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #10	25 MWs	7 X 24	January, February, July & August 2025	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #11	25 MWs	7 X 24	January, February, July & August 2023 - 2025	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #12	25 MWs	7 X 24	January, February, July & August 2023 - 2030	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #13	25 MWs	7 X 24	January, February, July & August 2031 - 2035	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #14	10 MWs	7 X 24	March, June & August 2023	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #15	10 MWs	7 X 24	March, June & August 2024	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #16	10 MWs	7 X 24	March, June & August 2025	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #17	10 MWs	7 X 24	March, June & August 2023 - 2025	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #18	10 MWs	7 X 24	March, June & August 2023 - 2030	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #19	10 MWs	7 X 24	March, June & August 2031 - 2035	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #20	15 MWs	7 X 24	November & December 2023	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #21	15 MWs	7 X 24	November & December 2024	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #22	15 MWs	7 X 24	November & December 2025	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #23	15 MWs	7 X 24	November & December 2023 - 2025	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #24	15 MWs	7 X 24	November & December 2023 - 2030	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	
Product #25	15 MWs	7 X 24	November & December 2031 - 2035	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	

Appendix 2
 GLU Projected Capacity Requirements

Great Lakes Utilities							
2023 - 2052 Capacity Requirements							
Request For Quotations							
Item #	Quantity	Capacity Type	Delivery Period	Preferred Delivery Zone	Pricing	Proposed Delivery Zone	Pricing
Product #1	45 MWs	ZRC	PY 23 - 24	Zone 2			
Product #2	10 MWs	ZRC	PY 23 - 24	Zone 1			
Product #3	60 MWs	ZRC	PY 24 - 25	Zone 2			
Product #4	10 MWs	ZRC	PY 24 - 25	Zone 1			
Product #5	60 MWs	ZRC	PY 25 - 26	Zone 2			
Product #6	10 MWs	ZRC	PY 25 - 26	Zone 1			
Product #7	60 MWs	ZRC	PY 23 - 26	Zone 2			
Product #8	10 MWs	ZRC	PY 23 - 26	Zone 1			
Product #9	60 MWs	ZRC	PY 23 - 30	Zone 2			
Product #10	10 MWs	ZRC	PY 23 - 30	Zone 1			
Product #11	60 MWs	ZRC	PY 31 - 35	Zone 2			
Product #12	30 MWs	ZRC	PY 31 - 35	Zone 1			
Product #13	35 MWs	ZRC	PY 23 - 52	Zone 2			

Appendix 2
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2023 - 2035 Capacity Requirements							
Request For Quotations							
Item #	Quantity	Capacity Type	Delivery Period	Preferred Delivery Zone	Pricing	Proposed Delivery Zone	Pricing
Product #1	45 MWs	ZRC	PY 23 - 24	Zone 2			
Product #2	10 MWs	ZRC	PY 23 - 24	Zone 1			
Product #3	60 MWs	ZRC	PY 24 - 25	Zone 2			
Product #4	10 MWs	ZRC	PY 24 - 25	Zone 1			
Product #5	60 MWs	ZRC	PY 25 - 26	Zone 2			
Product #6	10 MWs	ZRC	PY 25 - 26	Zone 1			
Product #7	60 MWs	ZRC	PY 23 - 26	Zone 2			
Product #8	10 MWs	ZRC	PY 23 - 26	Zone 1			
Product #9	60 MWs	ZRC	PY 23 - 30	Zone 2			
Product #10	10 MWs	ZRC	PY 23 - 30	Zone 1			
Product #11	60 MWs	ZRC	PY 31 - 35	Zone 2			
Product #12	30 MWs	ZRC	PY 31 - 35	Zone 1			
Product #13	35 MWs	ZRC	PY 23 - 52	Zone 2			