2022 Q1 Net Metering Quarterly Reporting Summary

Indiana's net metering rules became effective in March 2005 and established a minimum standard for the net metering offering required of utilities. It also set out the participation requirements for eligible customers and utilities.

At the direction of the Indiana General Assembly, the Commission revised its rules in 2011 and raised the minimum standard offering by expanding the eligibility to more facilities and to all customer classes. At a minimum, as defined in 170 IAC 4-4.2, a net metering customer is a customer in good standing who owns and operates an eligible net metering energy resource[1] on their premises with a nameplate capacity[2] of less than or equal to 1 MW. This capacity must be used primarily to offset all or part of the customer's annual electricity requirements.

Senate Enrolled Act 309 of 2017 directed the Commission to revise its rules to increase the availability of net metering to an aggregate amount of nameplate capacity of 1.5% of a utility's summer peak load[3] [4]. Further, of this amount of available capacity 40% is to be reserved for residential customers and 15% for organic waste biomass facilities[5]. After these capacity reservations, an amount equivalent to 0.675% of summer peak load is available for non-biomass commercial, industrial, and school customers[6].

In light of increasing net metering participation the Commission held an Informational Collaborative meeting with stakeholders which led to the approval of General Administrative Order 2019-2[7]. One directive from that Order called for investor-owned utilities (IOUs) to provide quarterly updates on their net metering participation.

This report summarizes the net metering quarterly reports filed by each of the IOUs to reflect the participation as of March 31, 2022.

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[1] Eligible net metering energy resources include wind, solar, hydro, fuel cells, hydrogen, organic waste biomass and dedicated crops powered generation [*170 IAC 4-4.2-1(d) and IC 8-1-37-4(a)(1)-(8)*].

[2] Nameplate capacity is the full-load continuous rating of a generator as designated by the manufacturer.

[3] IC 8-1-40-10 and IC 8-1-40-12(a)(1).

[4] The previous Commission rules required availability to an aggregate amount of nameplate capacity of 1% of a utility's summer peak load.

[5] IC 8-1-40-12(a)(2).

[6] In this report we refer to this available capacity as the Non-reserved Nameplate Capacity.

[7] The Informational Collaborative Meeting was held on April 10, 2019, and GAO 2019-2 was adopted on August 29, 2019.

Utility and statewide comparative data are presented on the following pages, while the individual utility net metering summary reports are included in Appendix A.

Summary of Figures and Tables[8]

Table 1. Nameplate Capacity by utility, by resource type, March 31, 2022

	Total (kW)	Solar (kW)	Wind (kW)[9]	Biomass (kW)
Duke Energy Indiana	58,084	53,735	4,349	0
NIPSCO	43,791	41,593	2,198	0
I&M	26,286	25,896	150	240
SIGECO[10]	18,218	18,214	4	0
IPL[11]	9,446	9,396	50	0
Total	**155,825**	**148,834**	**6,751**	**240**

[8] Values compiled and presented in the tables may have been rounded to the nearest integer and may not sum directly.

[9] Customers and capacity identified as dual (i.e. composed of both solar and wind) are grouped with the wind resources.

[10] Southern Indiana Gas & Electric Company d/b/a CenterPoint Energy Indiana South.

[11] Indianapolis Power & Light Company d/b/a AES Indiana.

Table 2. Nameplate Capacity relative to 1.5% of peak load by utility, March 31, 2022

	2021 Summer Peak Load (kW)	March 31, 2022 Net Metering Capacity (kW)	Percent of available Total Net Metering Capacity Consumed
SIGECO	984,300	18,218	123%
NIPSCO	3,163,130	43,791	92%
Duke Energy Indiana	5,413,000	58,084	72%
I&M	3,374,000	26,286	52%
IPL	2,716,000	9,446	23%
Total	**15,650,430**	**155,825**	**66%**

Table 3. Non-reserved Nameplate Capacity relative to the available 0.675% of peak load by utility, March 31,2022

	2021 Summer Peak Load (kW)	March 31, 2022 Non-reserved Net Metering Capacity (kW)	Percent of available Non-reserved Net Metering Capacity Consumed
NIPSCO	3,163,130	34,744	163%
SIGECO	984,300	9,565	144%
Duke Energy Indiana	5,413,000	41,326	113%
I&M	3,374,000	15,586	68%
IPL	2,716,000	3,397	19%
Total	**15,650,430**	**104,618**	**99%**

Table 4. Customer and Nameplate Capacity by customer class, March 31, 2022

	Duke Energy Indiana	I&M	IPL	NIPSCO	SIGECO	Total
Residential Customers	2,135	1,146	848	1,067	818	**6,014**
Residential kW	16,758	10,460	6,049	9,047	8,653	**50,967**
Commercial Customers	258	155	49	168	111	**741**
Commercial kW	23,835	9,139	2,397	18,108	8,461	**61,940**
Industrial Customers	10	7	1	0	0	**18**
Industrial kW	1,036	1,795	1,000	0	0	**3,831**
School Customers	61	16	0	35	5	**117**
School kW	16,455	4,892	0	16,636	1,104	**39,088**

Appendix A; IOU Submitted Net Metering Quarterly Summary Reports

Indiana Utility Regulatory Commission – Net Metering Report
Q1 2022 Report

Utility Name:	Duke Energy Indiana, LLC
Contact Name:	Beth Heneghan
Phone Number:	317-838-1254
Email:	Beth.Heneghan@duke-energy.com
Calendar Year/Quarter:	2022 Q1
Summer Peak Load for 2020	5413 MW
Total Number of Eligible* Net Metering Customers:	2,464[1]
Total Number of Eligible* Net Metering Facilities:	2,464
Number and Size of Solar Facilities – aggregate capacity:	2,425 and 53,735.16 kW
Number and Size of Wind Facilities – aggregate capacity:	28 and 2,188.4 kW
Number and Size of Organic Waste Biomass Facilities – aggregate capacity:	0 and 0
Number and Size of Other Qualifying Facilities – aggregate capacity:	11 and 2,160.26 [2]
Number of New Net Metering Customer Interconnections:	90 (Q1 2022)
Number of Previous Net Metering Customers who left the program in the calendar year:	0 Transfers of Ownership
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	Not available
List Any System Emergency Disconnections that occurred, and an explanation of each:	No emergency disconnections

*(*i.e.*, operating participants as of end of quarter.)

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	**kW**	**Customer Class**
	2135	16,758.28	Residential
	258	23,834.62	Commercial
	10	1,035.75	Industrial
	61	16,455.17	Schools
Total	**2,464**	**58,083.82**	

Any discrepancies between this report and previous are the result of a change in source in order to automate and provide the report quarterly. The previous data was manual. It is now pulled from Duke Energy Indiana's source of record for Interconnection Projects.

[1] Due to automation of the report and availability of data, Number of Customers is equivalent to Number of Facilities based on number of billing accounts.

[2] Due to automation of the report and data availability, the "Other" Qualifying Facilities is made up of Solar/Wind Hybrid projects which are included in the system combined as opposed to separate facilities.

Indiana Utility Regulatory Commission – Net Metering Report Summary

Utility Name:	Indiana Michigan Power Company
Contact Name:	Bryan Owens
Phone Number:	303-325-4083
Email:	bsowens@aep.com
Calendar Year/Quarter:	2022 1st Quarter
Summer Peak Load for 2021:	3,374 MW
Total Number of Eligible* Net Metering Customers:	1,324
Total Number of Eligible* Net Metering Facilities:	1,324
Number and Size of Solar Facilities – aggregate capacity:	1,288 facilities with 25,896 kW aggregate capacity
Number and Size of Wind Facilities – aggregate capacity:	35 facilities with 150 kW aggregate capacity
Number and Size of Organic Waste Biomass Facilities – aggregate capacity:	1 facility with 240 kW capacity
Number and Size of Other Qualifying Facilities – aggregate capacity:	N/A
Number of New Net Metering Customer Interconnections:	96
Number of Previous Net Metering Customers who left the program in the calendar year:	0
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	N/A
List Any System Emergency Disconnections that occurred, and an explanation of each:	N/A

***(i.e., operating participants as of end of quarter.)**

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	**kW**	**Customer Class**
	1,146	10,460	Residential
	155	9,139	Commercial
	7	1,795	Industrial
	16	4,892	Schools
Total	1,324	26,286	

Indiana Utility Regulatory Commission – Net Metering Report Summary

Utility Name:	Indianapolis Power & Light Company dba AES Indiana
Contact Name:	Austin Baker
Phone Number:	317-261-3601
Email:	austin.baker@aes.com
Calendar Year/Quarter:	2022/Q1 – period ending March 31, 2022
Summer Peak Load for 2021:	2,716 MW
Total Number of Eligible* Net Metering Customers:	898
Total Number of Eligible* Net Metering Facilities:	902
Number and Size of Solar Facilities – aggregate capacity:	901 Systems; 9,396 kW
Number and Size of Wind Facilities – aggregate capacity:	1 System; 50 kW
Number and Size of Organic Waste Biomass Facilities – aggregate capacity:	0
Number and Size of Other Qualifying Facilities – aggregate capacity:	0
Number of New Net Metering Customer Interconnections:	110 New Agreements – 3 months ended 3/31/22
Number of Previous Net Metering Customers who left the program in the calendar year:	0 since 12/31/21
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	573 MWh-net amount exported to AES Indiana YTD
List Any System Emergency Disconnections that occurred, and an explanation of each:	None

***(i.e., operating participants as of end of quarter.)**

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	**kW**	**Customer Class**
	848	6,049	Residential
	49	2,397	Commercial
	1	1,000	Industrial
	0	0	Schools
Total	898	9,446	

Indiana Utility Regulatory Commission – Net Metering Report Summary

Utility Name:	Northern Indiana Public Service Company LLC
Contact Name:	Alison Becker, Manager, Regulatory Policy
Phone Number:	317.684.4910
Email:	abecker@nisource.com
Calendar Year/Quarter:	2022/1st Quarter (Ending March 2022)
Summer Peak Load for *2021*:	3,163,130 kW
Total Number of Eligible* Net Metering Customers:	1270
Total Number of Eligible* Net Metering Facilities:	1320
Number and Size of Solar Facilities – aggregate capacity:	1284 (41,593 kW)
Number and Size of Wind Facilities – aggregate capacity:	29 (1,905 kW)
Number and Size of Organic Waste Biomass Facilities – aggregate capacity:	None
Number and Size of Other Qualifying Facilities – aggregate capacity:	7 Combined Solar/Wind Facilities (293 kW)
Number of New Net Metering Customer Interconnections:	101 customers and 101 facilities**
Number of Previous Net Metering Customers who left the program in the calendar year:	0
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	4,411,586 kW***
List Any System Emergency Disconnections that occurred, and an explanation of each:	0****

***(i.e., operating participants as of end of quarter.)**
****Added between January 1 and March 31, 2022**
*****Generated between January 1 and March 31, 2022**
******Emergency disconnections between January 1 and March 31, 2022**

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	**kW**	**Customer Class**
	1067	9,047	Residential
	168	18,108	Commercial
	0	0	Industrial
	35	16,636	Schools
Total	1,270	43,791	

Indiana Utility Regulatory Commission – Net Metering Report Summary

Utility Name:	CenterPoint Energy Indiana South
Contact Name:	Brian Ankenbrand
Phone Number:	812-491-4154
Email:	Brian.Ankenbrand@centerpointenergy.com
Calendar Year/Quarter:	2022 Q1
Summer Peak Load for 2020:	984.3 MW
Total Number of Eligible* Net Metering Customers:	934
Total Number of Eligible* Net Metering Facilities:	934
Number and Size of Solar Facilities – aggregate capacity:	932-18,214.292 kW
Number and Size of Wind Facilities – aggregate capacity:	2-4.2 kW
Number and Size of Organic Waste Biomass Facilities – aggregate capacity:	0
Number and Size of Other Qualifying Facilities – aggregate capacity:	0
Number of New Net Metering Customer Interconnections:	7
Number of Previous Net Metering Customers who left the program in the calendar year:	1
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	N/A
List Any System Emergency Disconnections that occurred, and an explanation of each:	N/A

***(i.e., operating participants as of end of quarter.)**

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	**kW**	**Customer Class**
	818	8,653.012	Residential
	111	8,461.080	Commercial
	0	0	Industrial
	5	1,104.400	Schools
Total	934	18,218.492	