

2021 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 program 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 resource¹ on their premises with a nameplate capacity² 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 facilities⁵. After these capacity reservations, an amount equivalent to 0.675% of summer peak load is available for non-biomass commercial, industrial, and school customers⁶.

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 2019-2⁷. 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, 2021.

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 Tables⁸

Table 1	Nameplate Capacity by utility and by resource type, March 31, 2021
Table 2	Nameplate Capacity relative to 1.5% of peak load by utility, March 31, 2021
Table 3	Non-reserved Nameplate Capacity relative to 0.675% of peak load by utility, March 31, 2021
Table 4	Customer and Nameplate Capacity by customer class, March 31, 2021

Table 1. Nameplate Capacity by utility, by resource type, March 31, 2021

	Total (kW)	Solar (kW)	Wind (kW) ⁹	Biomass (kW)
Duke Energy Indiana	66,513	62,164	4,349	0
NIPSCO	32,578	30,380	2,198	0
I&M	20,000	19,610	150	240
Vectren	15,645	15,629	16	0
IPL	6,157	6,107	50	0
Total	140,893	133,891	6,763	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.

**Table 2. Nameplate Capacity relative to 1.5% of peak load by utility,
March 31, 2021**

	2020 Summer Peak Load (kW)	March 31, 2021 Net Metering Capacity (kW)	Percent of available Total Net Metering Capacity Consumed	Remaining Net Metering Capacity under 1.5% threshold (kW)
Vectren	984,300	15,645	106%	Vectren elected to provide additional capacity
Duke Energy Indiana	5,091,000	66,513	87%	9,852
NIPSCO	3,009,340	32,578	72%	12,562
I&M	3,318,000	20,000	40%	29,770
IPL	2,724,000	6,157	15%	34,703
Total	15,126,640	140,893	62%	86,006

Table 3. Non-reserved Nameplate Capacity relative to the available 0.675% of peak load by utility, March 31, 2021

	2020 Summer Peak Load (kW)	March 31, 2021 Non-reserved Net Metering Capacity (kW)	Percent of available Non-reserved Net Metering Capacity Consumed	Remaining Non-reserved Net Metering Capacity under 0.675% of peak load (kW)
Duke Energy Indiana	5,091,000	53,753	156%	DEI elected to provide additional non-reserved capacity
NIPSCO	3,009,340	26,838	132%	NIPSCO elected to provide additional non-reserved capacity
Vectren	984,300	7,786	117%	Vectren elected to provide additional non-reserved capacity
I&M	3,318,000	12,288	55%	10,109
IPL	2,724,000	2,665	14%	15,722
Total	15,126,640	103,329	101%	

**Table 4. Customer and Nameplate Capacity by customer class,
March 31, 2021**

	Duke Energy Indiana	I&M	IPL	NIPSCO	Vectren	Total
Residential Customers	1,655	825	522	674	746	4,422
Residential kW	12,760	7,471	3,492	5,740	7,860	37,323
Commercial Customers	298	124	43	139	92	696
Commercial kW	36,922	6,140	1,665	10,834	6,681	62,242
Industrial Customers	9	6	1	0	0	16
Industrial kW	736	1,496	1,000	0	0	3,232
School Customers	60	16	0	34	5	115
School kW	16,095	4,892	0	16,004	1,104	38,096

Appendix A; IOU Submitted Net Metering Quarterly Summary Reports

**Indiana Utility Regulatory Commission – Net Metering Report
Q1 2021 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:	2021 Q1
Summer Peak Load for 2020	5091 MW
Total Number of Eligible* Net Metering Customers:	2022 ¹
Total Number of Eligible* Net Metering Facilities:	2022
Number and Size of Solar Facilities – aggregate capacity:	1983 and 62,164.4 kW
Number and Size of Wind Facilities – aggregate capacity:	28 and 2188.4 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:	108 (Q1 2021)
Number of Previous Net Metering Customers who left the program in the calendar year:	3 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
	1655	12,760.29	Residential
	298	36,921.85	Commercial
	9	735.75	Industrial
	60	16,095.17	Schools
Total	2022	66,513.06	

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:	2021 1 st Quarter
Summer Peak Load for 2020:	3,318 MW
Total Number of Eligible* Net Metering Customers:	971
Total Number of Eligible* Net Metering Facilities:	971
Number and Size of Solar Facilities – aggregate capacity:	935 facilities with 19,610 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:	104
Number of Previous Net Metering Customers who left the program in the calendar year:	N/A
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
	825	7,471	Residential
	124	6,140	Commercial
	6	1,496	Industrial
	16	4,892	Schools
Total	971	20,000	

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:	2021/Q1 – period ending March 31, 2021
Summer Peak Load for 2020:	2,724 MW
Total Number of Eligible* Net Metering Customers:	566
Total Number of Eligible* Net Metering Facilities:	570
Number and Size of Solar Facilities – aggregate capacity:	569 Systems; 6,107 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:	57 New Agreements – 3 months ended 3/31/21
Number of Previous Net Metering Customers who left the program in the calendar year:	0 since 12/31/20
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	329 MWh-net amount exported to IPL 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
	522	3,492	Residential
	43	1,665	Commercial
	1	1,000	Industrial
	0	0	Schools
Total	566	6,157	

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:	2021/1 st Quarter (Ending March, 2021)
Summer Peak Load for 2020:	3,009,340 kW
Total Number of Eligible* Net Metering Customers:	847
Total Number of Eligible* Net Metering Facilities:	883
Number and Size of Solar Facilities – aggregate capacity:	847 (30,380 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:	68 customers and 72 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):	3,709,372 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, 2021

***Generated between January 1 and March 31, 2021

****Emergency disconnections between January 1 and March 31, 2021

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	kW	Customer Class
	674	5,740	Residential
	139	10,834	Commercial
	0	0	Industrial
	34	16,004	Schools
Total	847	32,578	

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:	2021 Q1
Summer Peak Load for 2020:	984.3 MW
Total Number of Eligible* Net Metering Customers:	843
Total Number of Eligible* Net Metering Facilities:	843
Number and Size of Solar Facilities – aggregate capacity:	840-15,629.162 kW
Number and Size of Wind Facilities – aggregate capacity:	3-16.2 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:	72
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
	746	7,859.782	Residential
	92	6,681.18	Commercial
	0	0	Industrial
	5	1,104.4	Schools
Total	843	15,645.362	