

2021 Q3 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 September 30, 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, September 30, 2021
Table 2	Nameplate Capacity relative to 1.5% of peak load by utility, September 30, 2021
Table 3	Non-reserved Nameplate Capacity relative to 0.675% of peak load by utility, September 30, 2021
Table 4	Customer and Nameplate Capacity by customer class, September 30, 2021

Table 1. Nameplate Capacity by utility, by resource type, September 30, 2021

	Total (kW)	Solar (kW)	Wind (kW)⁹	Biomass (kW)
Duke Energy Indiana	70,786	66,437	4,349	0
NIPSCO	39,333	37,135	2,198	0
I&M	22,266	21,876	150	240
SIGECO¹⁰	17,444	17,427	16	0
IPL¹¹	7,991	7,941	50	0
Total	157,820	150,817	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.

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,
September 30, 2021**

	2020 Summer Peak Load (kW)	September 30, 2021 Net Metering Capacity (kW)	Percent of available Total Net Metering Capacity Consumed
SIGECO	984,300	17,444	118%
Duke Energy Indiana	5,091,000	70,786	93%
NIPSCO	3,009,340	39,333	87%
I&M	3,318,000	22,266	45%
IPL	2,724,000	7,991	20%
Total	15,126,640	157,820	70%

Table 3. Non-reserved Nameplate Capacity relative to the available 0.675% of peak load by utility, September 30, 2021

	2020 Summer Peak Load (kW)	September 30, 2021 Non-reserved Net Metering Capacity (kW)	Percent of available Non-reserved Net Metering Capacity Consumed
Duke Energy Indiana	5,091,000	55,757	162%
NIPSCO	3,009,340	32,002	158%
SIGECO	984,300	8,912	134%
I&M	3,318,000	12,870	57%
IPL	2,724,000	3,265	18%
Total	15,126,640	112,806	110%

**Table 4. Customer and Nameplate Capacity by customer class,
September 30, 2021**

	Duke Energy Indiana	I&M	IPL	NIPSCO	SIGECO	Total
Residential Customers	1,928	990	667	862	807	5,254
Residential kW	15,029	9,156	4,726	7,331	8,531	44,773
Commercial Customers	313	135	45	152	107	752
Commercial kW	38,566	6,722	2,265	15,366	7,808	70,727
Industrial Customers	9	6	1	0	0	16
Industrial kW	736	1,496	1,000	0	0	3,232
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
Q3 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 Q3
Summer Peak Load for 2020	5413 MW
Total Number of Eligible* Net Metering Customers:	2,311 ¹
Total Number of Eligible* Net Metering Facilities:	2,311
Number and Size of Solar Facilities – aggregate capacity:	4.494 and 66,437.42 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:	343 (Q5 2021)
Number of Previous Net Metering Customers who left the program in the calendar year:	5 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
	3; 4:	37.24; 045	Residential
	535	5: .7870 5	Commercial
	9	735.75	Industrial
	83	38.6770 9	Schools
Total	4.533	92.9; 80:	

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 3 rd Quarter
Summer Peak Load for 2020:	3,318 MW
Total Number of Eligible* Net Metering Customers:	1,147
Total Number of Eligible* Net Metering Facilities:	1,147
Number and Size of Solar Facilities – aggregate capacity:	1,111 facilities with 21,876 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:	50
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
	990	9,156	Residential
	135	6,722	Commercial
	6	1,496	Industrial
	16	4,892	Schools
Total	1,147	22,266	

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/Q3 – period ending September 30, 2021
Summer Peak Load for 2021:	2,716 MW
Total Number of Eligible* Net Metering Customers:	713
Total Number of Eligible* Net Metering Facilities:	717
Number and Size of Solar Facilities – aggregate capacity:	716 Systems; 7,941 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:	207 New Agreements – 9 months ended 9/30/21
Number of Previous Net Metering Customers who left the program in the calendar year:	3 since 12/31/20
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	2,376 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
	667	4,726	Residential
	45	2,265	Commercial
	1	1,000	Industrial
	0	0	Schools
Total	713	7,991	

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:	2021/3 rd Quarter (Ending September, 2021)
Summer Peak Load for 2020:	3,009,340 kW
Total Number of Eligible* Net Metering Customers:	1,049
Total Number of Eligible* Net Metering Facilities:	1,096
Number and Size of Solar Facilities – aggregate capacity:	1,060 (37,135 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:	122 customers and 130 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):	19,284,244 kWh***
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 September 30, 2021

*** Generated between January 1 and September 30, 2021

**** Emergency disconnections between January 1 and September 30, 2021

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	kW	Customer Class
	862	7,331	Residential
	152	15,366	Commercial
	0	0	Industrial
	35	16,636	Schools
Total	1,049	39,333	

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 Q3
Summer Peak Load for 2020:	984.3 MW
Total Number of Eligible* Net Metering Customers:	919
Total Number of Eligible* Net Metering Facilities:	919
Number and Size of Solar Facilities – aggregate capacity:	916-17,427.376 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:	37
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
	807	8,531.136	Residential
	107	7,808.040	Commercial
	0	0	Industrial
	5	1,104.400	Schools
Total	919	17,443.576	