

2020 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, 2020.

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, 2020
Table 2	Nameplate Capacity relative to 1.5% of peak load by utility, September 30, 2020
Table 3	Non-reserved Nameplate Capacity relative to 0.675% of peak load by utility, September 30, 2020
Table 4	Customer and Nameplate Capacity by customer class, September 30, 2020

Table 1. Nameplate Capacity by utility, by resource type, September 30, 2020

	Total (kW)	Solar (kW)	Wind (kW) ⁹	Biomass (kW)
Duke Energy Indiana	57,570	53,221	4,349	0
NIPSCO	27,629	25,432	2,198	0
I&M	17,822	17,425	157	240
Vectren	13,830	13,814	16	0
IPL	5,042	4,992	50	0
Total	121,893	114,884	6,770	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,
September 30, 2020**

	2019 Summer Peak Load (kW)	September 30, 2020 Net Metering Capacity (kW)	Percent of available Total Net Metering Capacity Consumed	Remaining Net Metering Capacity under 1.5% threshold (kW)
Vectren	1,054,400	13,830	87%	1,986
Duke Energy Indiana	5,207,000	57,570	74%	20,535
NIPSCO	3,133,260	27,630	59%	19,369
I&M	3,465,000	17,822	34%	34,153
IPL	2,737,000 ¹⁰	5,042	12%	36,013
Total	15,596,660	121,894	52%	112,056

¹⁰ 2019 Summer Peak Load as reported by IPL in previous filings was listed and used in the calculations for consistency across utilities.

Table 3. Non-reserved Nameplate Capacity relative to the available 0.675% of peak load by utility, September 30, 2020

	2019 Summer Peak Load (kW)	September 30, 2020 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	5,207,000	46,664	133%	DEI has elected to provide additional non-reserved capacity
NIPSCO	3,133,260	23,006	109%	NIPSCO has elected to provide additional non-reserved capacity
Vectren	1,054,400	7,391	104%	Vectren has elected to provide additional non-reserved capacity
I&M	3,465,000	11,701	50%	11,688
IPL	2,737,000 ¹¹	2,337	13%	16,138
Total	15,596,660	91,099	87%	14,178

¹¹ 2019 Summer Peak Load as reported by IPL in previous filings was listed and used in the calculations for consistency across utilities.

**Table 4. Customer and Nameplate Capacity by customer class,
September 30, 2020**

	Duke Energy Indiana	I&M	IPL	NIPSCO	Vectren	Total
Residential Customers	1,454	659	406	547	613	3,679
Residential kW	10,906	5,881	2,705	4,623	6,439	30,554
Commercial Customers	277	109	41	123	80	630
Commercial kW	33,167	5,556	1,337	9,172	6,287	55,518
Industrial Customers	8	5	1	0	0	14
Industrial kW	376	1,493	1,000	0	0	2,869
School Customers	50	16	0	30	5	101
School kW	13,122	4,892	0	13,834	1,104	32,952

Appendix A; IOU Submitted Net Metering Quarterly Summary Reports

Indiana Utility Regulatory Commission – Net Metering Report Summary Q3 2020 Report

Utility Name:	Duke Energy Indiana, LLC
Contact Name:	Kelley Karn
Phone Number:	317-838-2461
Email:	Kelley.Karn@duke-energy.com
Calendar Year/Quarter:	Calendar Year 2020 / 2020 Q3
Summer Peak Load for 2019(year):	5207 MW
Total Number of Eligible* Net Metering Customers:	1789 ¹
Total Number of Eligible* Net Metering Facilities:	1789
Number and Size of Solar Facilities – aggregate capacity:	1750 and 53,221.18 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:	88 (Q3 2020)
Number of Previous Net Metering Customers who left the program in the calendar year:	2
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)

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.

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	kW	Customer Class
	1454	10,905.87	Residential
	277	33,166.55	Commercial
	8	375.75	Industrial
	50	13,121.67	Schools
Total	1789	57,569.84	

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.

Indiana Utility Regulatory Commission – Net Metering Report Summary

Utility Name:	Indiana Michigan Power Company
Contact Name:	Tanner Guthrie
Phone Number:	260-408-3686
Email:	tlguthrie@aep.com
Calendar Year/Quarter:	2020 3 rd Quarter
Summer Peak Load for 2019:	3,465 MW
Total Number of Eligible* Net Metering Customers:	789
Total Number of Eligible* Net Metering Facilities:	789
Number and Size of Solar Facilities – aggregate capacity:	751 facilities with 17,425 kW aggregate capacity
Number and Size of Wind Facilities – aggregate capacity:	37 facilities with 157 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:	118
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
	659	5,881	Residential
	109	5,556	Commercial
	5	1,493	Industrial
	16	4,892	Schools
Total	789	17,822	

Indiana Utility Regulatory Commission – Net Metering Report Summary

Utility Name:	Indianapolis Power & Light Company
Contact Name:	Austin Baker
Phone Number:	317-261-3601
Email:	austin.baker@aes.com
Calendar Year/Quarter:	2020/Q3 – period ending September 30, 2020
Summer Peak Load for 2020:	2,724 MW
Total Number of Eligible* Net Metering Customers:	448
Total Number of Eligible* Net Metering Facilities:	452
Number and Size of Solar Facilities – aggregate capacity:	451 Systems; 4,992 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:	168 New Agreements – 9 months ended 9/30/20
Number of Previous Net Metering Customers who left the program in the calendar year:	1 since 12/31/19
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	1,224.9 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
	406	2,705	Residential
	41	1,337	Commercial
	1	1,000	Industrial
	0	0	Schools
Total	448	5,042	

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:	2020/3 rd Quarter (Ending September, 2020)
Summer Peak Load for 2019:	3,133,260 kW
Total Number of Eligible* Net Metering Customers:	700
Total Number of Eligible* Net Metering Facilities:	729
Number and Size of Solar Facilities – aggregate capacity:	693 (25,432 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:	55 customers and 56 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):	6,764,277 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 July 1 and September 30, 2020

***Generated between July 1 and September 30, 2020

****Emergency disconnections between July 1 and September 30, 2020

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	kW	Customer Class
	547	4,623	Residential
	123	9,172	Commercial
	0	0.0	Industrial
	30	13,834	Schools
Total	700	27,629	

Indiana Utility Regulatory Commission – Net Metering Report Summary

Utility Name:	Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc., a CenterPoint Energy Company
Contact Name:	Brian Ankenbrand
Phone Number:	(812) 491-4154
Email:	Brian.Ankenbrand@centerpointenergy.com
Calendar Year/Quarter:	2020 Q3
Summer Peak Load for 2019:	1,054.4MW
Total Number of Eligible* Net Metering Customers:	698
Total Number of Eligible* Net Metering Facilities:	698
Number and Size of Solar Facilities – aggregate capacity:	695-13,813.943 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:	52
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
	613	6,439.143	Residential
	80	6,286.6	Commercial
	0	0	Industrial
	5	1,104.4	Schools
Total	698	13,830.143	