

2019 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, 2019.

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, 2019
Table 2	Nameplate Capacity relative to 1.5% of peak load by utility, September 30, 2019
Table 3	Non-reserved Nameplate Capacity relative to 0.675% of peak load by utility, September 30, 2019
Table 4	Customer and Nameplate Capacity by customer class, September 30, 2019

Table 1. Nameplate Capacity by utility and by resource type, September 30, 2019

	Total (kW)	Solar (kW)	Wind (kW)⁹	Biomass (kW)
Duke Energy Indiana	37,809	33,518	4,291	0
NIPSCO	21,716	19,686	2,030	0
I&M	13,541	13,144	157	240
Vectren	10,252	10,235	16	0
IPL	3,135	3,085	50	0
Total	86,452	79,668	6,544	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, 2019**

	2018 Summer Peak Load (kW)	Sept. 30, 2019 Net Metering Capacity (kW)	Percent of available Total Net Metering Capacity Consumed	Remaining Net Metering Capacity under 1.5% threshold (kW)
Vectren	1,041,700	10,252	66%	5,374
Duke Energy Indiana	5,390,000	37,809	47%	43,041
NIPSCO	3,160,460	21,716	46%	25,691
I&M	3,629,000	13,541	25%	40,894
IPL	2,715,000	3,135	8%	37,590
Total	15,936,160	86,452	36%	152,590

**Table 3. Non-reserved Nameplate Capacity relative to the available 0.675% of
peak load by utility, September 30, 2019**

	2018 Summer Peak Load (kW)	Sept. 30, 2019 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)
NIPSCO	3,160,460	18,848	88%	2,485
Duke Energy Indiana	5,390,000	29,662	82%	6,721
Vectren	1,041,700	5,550	79%	1,481
I&M	3,629,000	9,247	38%	15,249
IPL	2,715,000	1,808	10%	16,518
Total	15,936,160	65,115	61%	42,454

Table 4. Customer and Nameplate Capacity by customer class, September 30, 2019

	Duke Energy Indiana	I&M	IPL	NIPSCO	Vectren	Total
Residential Customers	1,177	440	209	331	446	2,603
Residential kW	8,147	4,054	1,327	2,868	4,701	21,097
Commercial Customers	196	73	24	101	64	458
Commercial kW	16,829	3,359	808	7,419	4,446	32,861
Industrial Customers	8	4	1	0	0	13
Industrial kW	376	1,236	1,000	0	0	2,612
School Customers	47	16	0	26	5	94
School kW	12,457	4,892	0	11,429	1,104	29,882

Appendix A; IOU Submitted Net Metering Quarterly Summary Reports

**Indiana Utility Regulatory Commission – Net Metering Report Summary
Q3 2019**

Utility Name:	Duke Energy Indiana, LLC
Contact Name:	Kelley Karn
Phone Number:	317-838-2461
Email:	Kelley.Karn@duke-energy.com
Calendar Year/Quarter:	2019 Q3
Summer Peak Load for 2018	5390 MW
Total Number of Eligible* Net Metering Customers:	1428 ¹
Total Number of Eligible* Net Metering Facilities:	1428
Number and Size of Solar Facilities – aggregate capacity:	1390 and 33517.881 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:	10 and 2,102.49 ²
Number of New Net Metering Customer Interconnections:	169
Number of Previous Net Metering Customers who left the program in the calendar year:	2 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
	1177	8146.87	Residential
	196	16829.481	Commercial
	8	375.75	Industrial
	47	12456.67	Schools
Total	1428	37808.771	

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:	Tanner Guthrie
Phone Number:	260-408-3686
Email:	tlguthrie@aep.com
Calendar Year/Quarter:	2019 3 rd Quarter
Summer Peak Load for 2018 (year):	3,629 MW
Total Number of Eligible* Net Metering Customers:	533
Total Number of Eligible* Net Metering Facilities:	533
Number and Size of Solar Facilities – aggregate capacity:	495 facilities with 13,144 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:	105
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
	440	4,054	Residential
	73	3,359	Commercial
	4	1,236	Industrial
	16	4,892	Schools
Total	533	13,541	

Indiana Utility Regulatory Commission – Net Metering Report Summary

Utility Name:	Indianapolis Power & Light Company
Contact Name:	Jake Allen
Phone Number:	317-261-8972
Email:	jake.allen@aes.com
Calendar Year/Quarter:	2019/Q3 – period ending Sept. 30, 2019
Summer Peak Load for 2018:	2,715 MW
Total Number of Eligible* Net Metering Customers:	234
Total Number of Eligible* Net Metering Facilities:	234
Number and Size of Solar Facilities – aggregate capacity:	3,085 kW
Number and Size of Wind Facilities – aggregate capacity:	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:	27 New Agreements – 3 months ended 9/30/19 42 New Agreements – 2019 Year To Date
Number of Previous Net Metering Customers who left the program in the calendar year:	3 since 12/31/18
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	707,710 kWh–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
	209	1,327	Residential
	24	808	Commercial
	1	1,000	Industrial
	0	0	Schools
Total	234	3,135	

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:	2019/3 rd Quarter (Ending September 30, 2019)
Summer Peak Load for 2019:	3,148,590 kW
Total Number of Eligible* Net Metering Customers:	458
Total Number of Eligible* Net Metering Facilities:	478
Number and Size of Solar Facilities – aggregate capacity:	443 (19,686 kW)
Number and Size of Wind Facilities – aggregate capacity:	29 (1,906 kW)
Number and Size of Organic Waste Biomass Facilities – aggregate capacity:	None
Number and Size of Other Qualifying Facilities – aggregate capacity:	6 Combined Solar/Wind Facilities (124 kW)
Number of New Net Metering Customer Interconnections:	39 customers and 45 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):	3,956,945 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, 2019

***Generated between July 1 and September 30, 2019

****Emergency disconnections between July 1 and September 30, 2019

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	kW	Customer Class
	331	2,868	Residential
	101	7,419	Commercial
	0	0.0	Industrial
	26	11,429	Schools
Total	458	21,716	

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:	2019 / Q3
Summer Peak Load for 2019:	1,054.4MW
Total Number of Eligible* Net Metering Customers:	515
Total Number of Eligible* Net Metering Facilities:	515
Number and Size of Solar Facilities – aggregate capacity:	512 - 10,235.345kW
Number and Size of Wind Facilities – aggregate capacity:	3 – 16.2kW
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:	28
Number of Previous Net Metering Customers who left the program in the calendar year:	4
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
	446	4,701.485	Residential
	64	4,445.66	Commercial
	0	0	Industrial
	5	1,104.4	Schools
Total	515	10,251.545	