

2019 Q2 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 June 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, June 30, 2019
Table 2	Nameplate Capacity relative to 1.5% of peak load by utility, June 30, 2019
Table 3	Non-reserved Nameplate Capacity relative to 0.675% of peak load by utility, June 30, 2019
Table 4	Customer and Nameplate Capacity by customer class, June 30, 2019

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

	Total (kW)	Solar (kW)	Wind (kW)⁹	Biomass (kW)
Duke Energy Indiana	33,378	29,087	4,291	0
NIPSCO	20,433	18,402	2,029	0
I&M	12,305	11,908	157	240
Vectren	9,919	9,903	16	0
IPL	2,970	2,920	50	0
Total	79,005	72,220	6,543	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,
June 30, 2019**

	2018 Summer Peak Load (kW)	June 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	9,919	63%	5,706
NIPSCO	3,160,460	20,433	43%	26,974
Duke Energy Indiana	5,390,000	33,378	41%	47,472
I&M	3,629,000	12,305	23%	42,130
IPL	2,715,000	2,970	7%	37,755
Total	15,936,160	79,005	33%	160,037

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

	2018 Summer Peak Load (kW)	June 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	17,912	84%	3,421
Vectren	1,041,700	5,500	78%	1,531
Duke Energy Indiana	5,390,000	26,410	73%	9,973
I&M	3,629,000	9,054	37%	15,442
IPL	2,715,000	1,798	10%	16,528
Total	15,936,160	60,674	56%	46,895

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

	Duke Energy Indiana	I&M	IPL	NIPSCO	Vectren	Total
Residential Customers	1,025	338	183	301	420	2,267
Residential kW	6,968	3,011	1,172	2,521	4,419	18,091
Commercial Customers	184	70	23	92	62	431
Commercial kW	15,626	3,166	798	6,931	4,396	30,917
Industrial Customers	7	4	1	0	0	12
Industrial kW	296	1,236	1,000	0	0	2,532
School Customers	43	16	0	26	5	90
School kW	10,489	4,892	0	10,981	1,104	27,466

Appendix A; IOU Submitted Net Metering Quarterly Summary Reports

Indiana Utility Regulatory Commission – Net Metering Report Summary

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 Q2
Summer Peak Load for 2018	5390 MW
Total Number of Eligible* Net Metering Customers:	1259 ¹
Total Number of Eligible* Net Metering Facilities:	1259
Number and Size of Solar Facilities – aggregate capacity:	1221 and 29,087.356 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:	107
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
	1025	6967.775	Residential
	184	15626.051	Commercial
	7	295.75	Industrial
	43	10488.67	Schools
Total	1259	33,378.246	

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 2 nd Quarter
Summer Peak Load for 2018 (year):	3,629 MW
Total Number of Eligible* Net Metering Customers:	428
Total Number of Eligible* Net Metering Facilities:	428
Number and Size of Solar Facilities – aggregate capacity:	390 facilities with 11,908 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:	33
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
	338	3,011	Residential
	70	3,166	Commercial
	4	1,236	Industrial
	16	4,892	Schools
Total	428	12,305	

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/Q2 – period ending June 30, 2019
Summer Peak Load for 2018:	2,715 MW
Total Number of Eligible* Net Metering Customers:	207
Total Number of Eligible* Net Metering Facilities:	207
Number and Size of Solar Facilities – aggregate capacity:	2,920 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:	15
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):	376,110 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
	183	1,172	Residential
	23	798	Commercial
	1	1,000	Industrial
	0	0	Schools
Total	207	2,970	

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:	2019/2nd Quarter (Ending June, 30, 2019)
Summer Peak Load for 2018:	3,160,460 kW
Total Number of Eligible* Net Metering Customers:	419
Total Number of Eligible* Net Metering Facilities:	433
Number and Size of Solar Facilities – aggregate capacity:	398 (18,402 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:	6 Combined Solar/Wind Facilities (124 kW)
Number of New Net Metering Customer Interconnections:	39 Customers and 42 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):	6,028,171 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 June 30, 2019

***Generated between January 1 and June 30, 2019

****Emergency disconnections between January 1 and June 30, 2019

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	kW	Customer Class
	301	2,521	Residential
	92	6,931	Commercial
	0	0	Industrial
	26	10,981	Schools
Total	419	20,433	

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 / Q2
Summer Peak Load for 2018:	1,041.7 MW
Total Number of Eligible* Net Metering Customers:	487
Total Number of Eligible* Net Metering Facilities:	487
Number and Size of Solar Facilities – aggregate capacity:	9,902.885 – 484
Number and Size of Wind Facilities – aggregate capacity:	16.200 – 3
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:	43
Number of Previous Net Metering Customers who left the program in the calendar year:	3
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
	420	4,419.025	Residential
	62	4,395.660	Commercial
	0	0	Industrial
	5	1,104.400	Schools
Total	487	9,919.085	