

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

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

	Total (kW)	Solar (kW)	Wind (kW)⁹	Biomass (kW)
Duke Energy Indiana	55,496	51,147	4,349	0
NIPSCO	26,556	24,359	2,198	0
I&M	15,554	15,157	157	240
Vectren	12,945	12,928	16	0
IPL	4,219	4,169	50	0
Total	114,769	107,760	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,
June 30, 2020**

	2019 Summer Peak Load (kW)	June 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	12,945	82%	2,871
Duke Energy Indiana	5,207,000	55,496	71%	22,609
NIPSCO	3,133,260	26,556	57%	20,443
I&M	3,465,000	15,554	30%	36,421
IPL	2,737,000	4,219	10%	36,836
Total	15,596,660	114,769	49%	119,181

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

	2019 Summer Peak Load (kW)	June 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	45,430	129%	DEI has elected to provide additional non-reserved capacity
NIPSCO	3,133.260	22,345	106%	NIPSCO has elected to provide additional non-reserved capacity
Vectren	1,054,400	7,010	98%	107
I&M	3,465,000	10,247	44%	13,142
IPL	2,737,000	1,984	11%	16,491
Total	15,596,660	87,016	83%	18,262

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

	Duke Energy Indiana	I&M	IPL	NIPSCO	Vectren	Total
Residential Customers	1,374	562	341	497	568	3,342
Residential kW	10,065	5,067	2,235	4,211	5,935	27,513
Commercial Customers	272	87	31	119	73	582
Commercial kW	32,598	4,148	984	8,931	5,905	52,566
Industrial Customers	8	6	1	0	0	15
Industrial kW	376	1,447	1,000	0	0	2,823
School Customers	47	16	0	29	5	97
School kW	12,457	4,892	0	13,414	1,104	31,867

Appendix A; IOU Submitted Net Metering Quarterly Summary Reports

Indiana Utility Regulatory Commission – Net Metering Report Summary Q2 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 Q2
Summer Peak Load for 2019(year):	5207 MW
Total Number of Eligible* Net Metering Customers:	1701 ¹
Total Number of Eligible* Net Metering Facilities:	1701
Number and Size of Solar Facilities – aggregate capacity:	1662 and 51,147.06 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:	64(Q2 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
	1374	10,065.25	Residential
	272	32,598.05	Commercial
	8	375.75	Industrial
	47	12,456.67	Schools
Total	1701	55,495.72	

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. There was a backlog of net metering installations added to this report in Q2 2020 that were actually effective in prior periods.

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 1 st Quarter
Summer Peak Load for 2019:	3,465 MW
Total Number of Eligible* Net Metering Customers:	671
Total Number of Eligible* Net Metering Facilities:	671
Number and Size of Solar Facilities – aggregate capacity:	633 facilities with 15,157 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:	59
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
	562	5,067	Residential
	87	4,148	Commercial
	6	1,447	Industrial
	16	4,892	Schools
Total	671	15,554	

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/Q2 – period ending June 30, 2020
Summer Peak Load for 2019:	2,737 MW
Total Number of Eligible* Net Metering Customers:	373
Total Number of Eligible* Net Metering Facilities:	377
Number and Size of Solar Facilities – aggregate capacity:	372 Systems; 4,169 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:	91 New Agreements – 6 months ended 6/30/20
Number of Previous Net Metering Customers who left the program in the calendar year:	3 since 12/31/19
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	633.3 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
	341	2,235	Residential
	31	984	Commercial
	1	1,000	Industrial
	0	0	Schools
Total	373	4,219	

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:	2020/2 nd Quarter (Ending June, 2020)
Summer Peak Load for 2019:	3,133,260 kW
Total Number of Eligible* Net Metering Customers:	645
Total Number of Eligible* Net Metering Facilities:	673
Number and Size of Solar Facilities – aggregate capacity:	637 (24,359kW)
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:	53 customers and 55 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):	6,010,009 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 April 1 and June 30, 2020

***Generated between April 1 and June 30, 2020

****Emergency disconnections between April 1 and June 30, 2020

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	kW	Customer Class
	497	4,211	Residential
	119	8,931	Commercial
	0	0	Industrial
	29	13,414	Schools
Total	645	26,556	

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 Q2
Summer Peak Load for 2019:	1,054.4MW
Total Number of Eligible* Net Metering Customers:	646
Total Number of Eligible* Net Metering Facilities:	646
Number and Size of Solar Facilities – aggregate capacity:	643-12928.427 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:	36
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
	568	5934.827	Residential
	73	5905.4	Commercial
	0	0	Industrial
	5	1104.4	Schools
Total	646	12944.627	