

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

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

	Total (kW)	Solar (kW)	Wind (kW)⁹	Biomass (kW)
Duke Energy Indiana	69,128	64,779	4,349	0
NIPSCO	34,972	32,775	2,198	0
I&M	20,644	20,255	150	240
SIGECO¹⁰	16,426	16,410	16	0
IPL¹¹	7,372	7,322	50	0
Total	148,542	141,542	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,
June 30, 2021**

	2020 Summer Peak Load (kW)	June 30, 2021 Net Metering Capacity (kW)	Percent of available Total Net Metering Capacity Consumed	Remaining Net Metering Capacity under 1.5% threshold (kW)
SIGECO	984,300	16,426	111%	SIGECO elected to provide additional capacity
Duke Energy Indiana	5,091,000	69,128	91%	7,237
NIPSCO	3,009,340	34,972	77%	10,168
I&M	3,318,000	20,644	41%	29,126
IPL	2,724,000 ¹²	7,372	18%	33,488
Total	15,126,640	148,542	65%	

¹² 2020 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, June 30, 2021

	2020 Summer Peak Load (kW)	June 30, 2021 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	5,091,000	55,092	160%	DEI elected to provide additional non-reserved capacity
NIPSCO	3,009,340	28,596	141%	NIPSCO elected to provide additional non-reserved capacity
SIGECO	984,300	8,174	123%	SIGECO elected to provide additional non-reserved capacity
I&M	3,318,000	12,432	56%	9,965
IPL	2,724,000 ¹³	3,206	17%	15,181
Total	15,126,640	107,500	105%	

¹³ 2020 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,
June 30, 2021**

	Duke Energy Indiana	I&M	IPL	NIPSCO	SIGECO	Total
Residential Customers	1,816	873	595	748	781	4,813
Residential kW	14,036	7,972	4,166	6,376	8,252	40,802
Commercial Customers	305	126	44	145	96	716
Commercial kW	38,261	6,284	2,206	12,592	7,070	66,413
Industrial Customers	9	6	1	0	0	16
Industrial kW	736	1,496	1,000	0	0	3,232
School Customers	60	16	0	34	5	115
School kW	16,095	4,892	0	16,004	1,104	38,096

Appendix A; IOU Submitted Net Metering Quarterly Summary Reports

**Indiana Utility Regulatory Commission – Net Metering Report
Q2 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 Q2
Summer Peak Load for 2020	5091 MW
Total Number of Eligible* Net Metering Customers:	2190 ¹
Total Number of Eligible* Net Metering Facilities:	2190
Number and Size of Solar Facilities – aggregate capacity:	2151 and 64,779.24 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:	168 (Q2 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
	1816	14,036.15	Residential
	305	38,260.83	Commercial
	9	735.75	Industrial
	60	16,095.17	Schools
Total	2190	69,127.90	

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 2 nd Quarter
Summer Peak Load for 2020:	3,318 MW
Total Number of Eligible* Net Metering Customers:	1,021
Total Number of Eligible* Net Metering Facilities:	1,021
Number and Size of Solar Facilities – aggregate capacity:	985 facilities with 20,255 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
	873	7,972	Residential
	126	6,284	Commercial
	6	1,496	Industrial
	16	4,892	Schools
Total	1,021	20,644	

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/Q2 – period ending June 30, 2021
Summer Peak Load for 2021:	2,716 MW
Total Number of Eligible* Net Metering Customers:	640
Total Number of Eligible* Net Metering Facilities:	644
Number and Size of Solar Facilities – aggregate capacity:	643 Systems; 7,322 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:	132 New Agreements – 6 months ended 6/30/21
Number of Previous Net Metering Customers who left the program in the calendar year:	1 since 12/31/20
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	1,398 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
	595	4,166	Residential
	44	2,206	Commercial
	1	1,000	Industrial
	0	0	Schools
Total	640	7,372	

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:	2021/2 nd Quarter (Ending June, 2021)
Summer Peak Load for 2020:	3,009,340 kW
Total Number of Eligible* Net Metering Customers:	927
Total Number of Eligible* Net Metering Facilities:	966
Number and Size of Solar Facilities – aggregate capacity:	927 (32,775 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:	80 customers and 83 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):	10,819,044 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, 2021

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

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

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	kW	Customer Class
	748	6,376	Residential
	145	12,592	Commercial
	0	0	Industrial
	34	16,004	Schools
Total	927	34,972	

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 Q2
Summer Peak Load for 2020:	984.3 MW
Total Number of Eligible* Net Metering Customers:	882
Total Number of Eligible* Net Metering Facilities:	882
Number and Size of Solar Facilities – aggregate capacity:	879-16,410.282 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:	39
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
	781	8,252.062	Residential
	96	7,070.02	Commercial
	0	0	Industrial
	5	1,104.4	Schools
Total	882	16,426.482	