

2022 Year-End (2022YE) Net Metering 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 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 established the availability of net metering to new customers would end no later than July 1, 2022³.

This report summarizes the net metering reports filed by each of the investor-owned utilities (IOU) in compliance with 170 IAC 4-4.2-9(c) to reflect participation as of December 31, 2022. Utility and statewide comparative data are presented on the following pages, while the individual utility net metering summary reports are included in Appendix A.

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)].

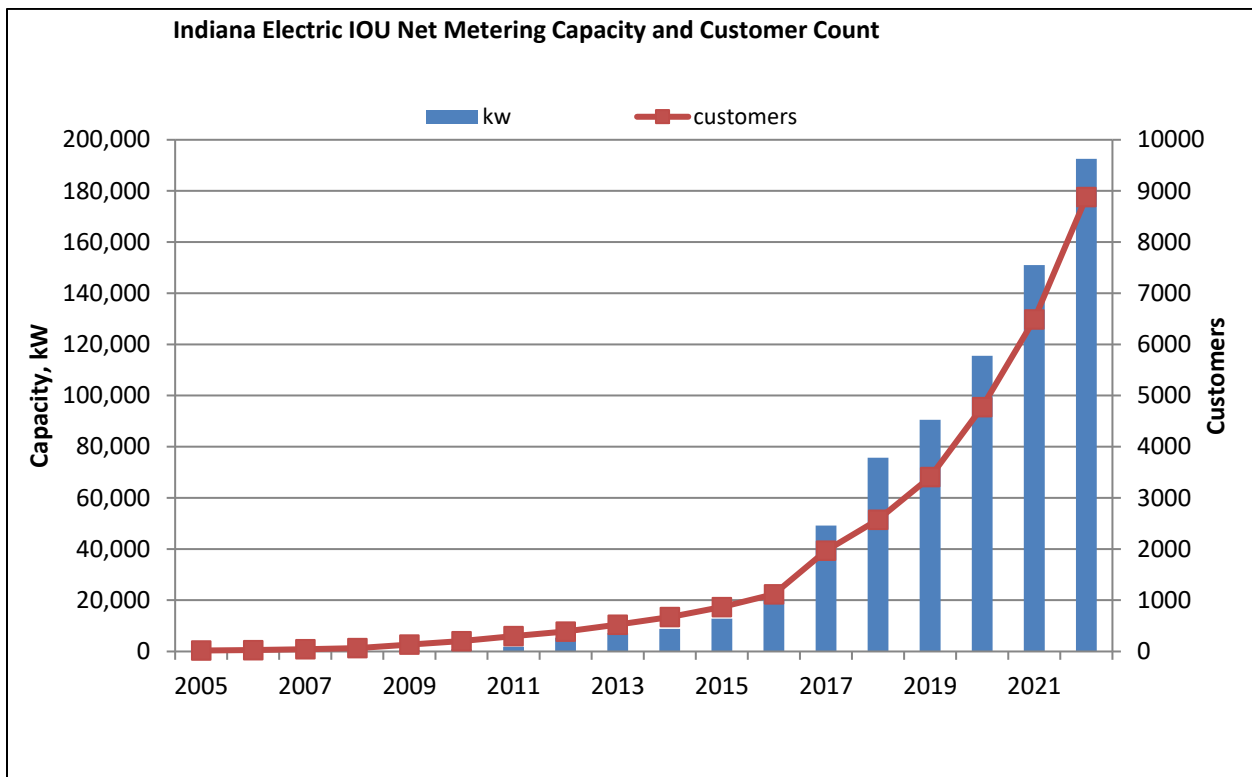
² Nameplate capacity is the full-load continuous rating of a generator as designated by the manufacturer.

³ Existing customers are grandfathered into net metering through July 1, 2032, or July 1, 2047, based on when the specific customer began participating in the net metering program [IC 8-1-40-13 and IC 8-1-40-14].

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Figure 1. Number of customers and total capacity by year



⁴ Values compiled and presented in the tables may have been rounded to the nearest integer and may not sum directly.

Table 1. Nameplate Capacity by utility, by resource type, 2022YE

	Total (kW)	Solar (kW)	Wind (kW)⁵	Biomass (kW)
Duke Energy Indiana	70,709	68,446	2,263	0
NIPSCO	56,578	54,380	2,198	0
I&M	30,349	29,960	150	240
SIGECO⁶	20,026	20,022	4	0
IPL⁷	14,882	14,821	61	0
Total	192,543	187,629	4,675	240

Table 2. Nameplate Capacity by utility, by resource type, 2022YE change from 2021YE

	Total (kW)	Solar (kW)	Wind (kW)⁸	Biomass (kW)
NIPSCO	13,884	13,884	0	0
Duke Energy Indiana	13,451	15,537	(2,086)	0
I&M	5,669	5,669	0	0
SIGECO	2,164	2,176	(12)	0
IPL	6,354	6,343	11	0
Total	41,521	43,610	(2,087)	0

⁵ Customers and capacity identified as dual (i.e. composed of both solar and wind) are grouped with the wind resources.

⁶ Southern Indiana Gas & Electric Company d/b/a CenterPoint Energy Indiana South.

⁷ Indianapolis Power & Light Company d/b/a AES Indiana.

⁸ Customers and capacity identified as dual (i.e. composed of both solar and wind) are grouped with the wind resources.

Table 3. Customer and Nameplate Capacity by customer class, 2022YE

	Duke Energy Indiana	I&M	IPL	NIPSCO	SIGECO	Total
Residential Customers	3,058	1,389	1,195	1,428	840	7,910
Residential kW	25,183	12,881	8,370	12,178	8,922	67,534
Commercial Customers	242	191	96	183	122	834
Commercial kW	22,829	10,443	5,512	26,765	9,999	75,548
Industrial Customers	3	10	1	0	0	14
Industrial kW	1,960	2,133	1,000	0	0	5,093
School Customers	66	16	0	36	5	123
School kW	20,737	4,892	0	17,635	1,104	44,368

Table 4. Customer and Nameplate Capacity by customer class, 2022YE change from 2021YE

	Duke Energy Indiana	I&M	IPL	NIPSCO	SIGECO	Total
Residential Customers	1,008	331	453	459	26	2,277
Residential kW	9,171	3,143	3,107	3,937	305	19,663
Commercial Customers	(11)	43	51	18	13	114
Commercial kW	(926)	1,889	3,247	8,948	1,859	15,017
Industrial Customers	(7)	4	0	0	0	(3)
Industrial kW	924	637	0	0	0	1,561
School Customers	5	0	0	1	0	6
School kW	4,282	0	0	999	0	5,281

Table 5. Solar Nameplate Capacity growth year over year

	Capacity (kW)	% change from previous year	Absolute change from previous year (kW)
2013	2,657	49%	868
2014	4,346	64%	1,689
2015	8,123	87%	3,777
2016	15,476	91%	7,353
2017	44,310	186%	28,834
2018	71,018	60%	26,708
2019	83,509	18%	12,491
2020	108,544	30%	25,035
2021	144,019	33%	35,475
2022	187,629	30%	43,610

Table 6. Wind Nameplate Capacity growth year over year

	Capacity (kW)	% change from previous year	Absolute change from previous year (kW)
2013	4,431	26%	922
2014	4,446	0%	15
2015	4,620	4%	174
2016	4,476	(3)%	(144)
2017	4,590	3%	114
2018	4,556	(1)%	(34)
2019	6,770	49%	2,214
2020	6,763	0%	(7)
2021	6,763	0%	0
2022	4,675	(31)%	(2088)

Table 7. Total Nameplate Capacity growth year over year

	Capacity (kW)	% change from previous year	Absolute change from previous year (kW)
2013	7,087	34%	1,790
2014	8,791	24%	1,704
2015	12,742	45%	3,951
2016	19,952	57%	7,210
2017	49,140	146%	29,188
2018	75,715	54%	26,575
2019	90,519	20%	14,804
2020	115,547	28%	25,028
2021	151,022	31%	35,475
2022	192,543	27%	41,521

Table 8. Customer growth year over year

	Participating Customers	% change from previous year	Absolute change from previous year
2013	522	35%	134
2014	671	29%	149
2015	866	29%	195
2016	1,116	29%	250
2017	1,968	76%	852
2018	2,573	31%	605
2019	3,407	32%	834
2020	4,775	40%	1,368
2021	6,487	36%	1,712
2022	8,881	37%	2,394

Appendix A; IOU Submitted Net Metering Summary Reports

2022 Net Metering Report Summary

Utility Contact Information

Utility	Duke Energy Indiana LLC
Name	Beth Heneghan
Title	Deputy General Counsel
Phone Number	317-838-1254
Email Address	Beth.Heneghan@duke-energy.com

Net Metering Customer Information

Customer Class	Number of Customers	Nameplate Capacity (kW)
Residential	3,058	25,182.76
Commercial	242	22,829.43
Industrial	3	1,960.00
Schools	66	20,736.91
Total	3,369	70,709.10
New Interconnections		747
Former Customers		5 (Transfers of Ownership)

Net Metering Facility Information

Generation Technology	Number of Customers	Nameplate Capacity	Electricity Generated (Net)
Solar	3,326	68,446.40	Not Available
Wind	33	2,196.20	Not Available
Organic Waste Biomass	0	0.00	Not Available
Other Qualified Net Metering Facilities	10	66.50	Not Available
Total	3,369	70,709.10	Not Available

2022 Net Metering

Indiana Statutory Threshold Calculation (in kW)

	2022	Installed	% of Category
Summer Peak	5,413,000		
Capacity Threshold (1.5% of Summer Peak)	81,195		
Residential (40%)	32,478	25,183	78%
Biomass (15%)	12,179	0	0%
All Other (45%)	36,538	45,526	125%
Total Installed as of December 31, 2022		70,709	

Indiana Utility Regulatory Commission – Net Metering Report Summary

Utility Name:	Indiana Michigan Power Company
Contact Name:	Dona Seger-Lawson
Phone Number:	260-408-3587
Email:	dseger-lawson@aep.com
Calendar Year/Quarter:	2022
Summer Peak Load for 2022:	3,218 MW
Total Number of Eligible* Net Metering Customers:	1,606
Total Number of Eligible* Net Metering Facilities:	1,606
Number and Size of Solar Facilities – aggregate capacity:	1,570 facilities with 29,960 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:	378
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
	1,389	12,881	Residential
	191	10,443	Commercial
	10	2,133	Industrial
	16	4,892	Schools
Total	1,606	30,349	

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:	2022/Q4 – period ending December 31, 2022
Summer Peak Load for 2022:	2,730 MW
Total Number of Eligible* Net Metering Customers:	1,292
Total Number of Eligible* Net Metering Facilities:	1296
Number and Size of Solar Facilities – aggregate capacity:	1,294 Systems; 14,821 kW
Number and Size of Wind Facilities – aggregate capacity:	2 Systems; 60.5 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:	402 New Agreements – 12 months ended 12/31/22
Number of Previous Net Metering Customers who left the program in the calendar year:	0 since 12/31/21
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	5,155.89 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
	1,195	8,370	Residential
	96	5,511.5	Commercial
	1	1,000	Industrial
	0	0	Schools
Total	1,292	14,881.5	

2022 Net Metering Report Summary

Utility Contact Information

Utility	Northern Indiana Public Service Company
Name	Alison Becker
Title	Manager, Regulatory Policy
Phone Number	317.684.4910
Email Address	abecker@nisource.com

Net Metering Customer Information

Customer Class	Number of Customers	Nameplate Capacity (kW)
Residential	1,428	12,178
Commercial	183	26,765
Industrial	0	0
Schools	36	17,635
Total	1,647	56,578
New Interconnections	478 customers for 502 facilities	
Former Customers	0	

Net Metering Facility Information

Generation Technology	Number	Nameplate Capacity	Electricity Generated (Net)
Solar	1,685	54,380 kW	29,849,731 kWh
Wind	29	1,905 kW	1,297,636 kWh
Organic Waste Biomass	0	0	0
Other Qualified Net Metering Facilities	7	293 kW	82,591 kWh
Total	1,721	56,578 kW	31,229,958 kWh

2022 Net Metering Indiana Statutory Threshold Calculation (in kW)

	2022	Installed	% of Category Threshold
Summer Peak 2022	2,969,530		
Capacity Threshold (1.5% of Summer Peak)	44,542.95		
Residential (40%)	17,817.18	12,178	68.35
Biomass (15%)	6,681.44	0	0
All Other (45%)	20,044.33	44,400	221.51
Total Installed as of December 31, 2022		56,578	
Total Installed of 1.5% Threshold		127.02%	

2022 Net Metering Report Summary

Utility Contact Information

Utility Name	Southern Indiana Gas and Electric Company d/b/a CenterPoint Energy Indiana South
Title	Brian Ankenbrand
Phone Number	Senior Analyst, Regulatory and Rates
Email Address	(812) 491-4154
	Brian.Ankenbrand@centerpointenergy.com

Net Metering Customer Information

Customer Class	Number of Customers	Nameplate Capacity
Residential	840	8,922.310
Commercial	122	9,999.140
Industrial	0	0.000
Schools	5	1,104.400
Total	967	20,025.850
New Interconnections	40	
Former Customers	1	

Net Metering Facility Information

Generation Technology	Number	Nameplate Capacity	Electricity Generated (Net)
Solar	965	20,021.650	Not Available
Wind	2	4.200	Not Available
Organic Waste Biomass	0	0.000	Not Available
Other Qualified Net Metering Facilities	0	0.000	Not Available
Total	967	20,025.850	Not Available

2022 Net Metering Indiana Statutory Threshold Calculations (in kW)

	2020	Installed	% Of Category Threshold
Summer Peak Load Capacity Threshold of Summer Peak (1.5%)	984,300.000		
Residential (40%)	14,764.500		
Biomass (15%)	5,905.800	8,922.310	151.08%
All Others (45%)	2,214.675	0.000	0.00%
	6,644.025	11,103.540	167.12%
Total Installed as of December 31, 2022		20,025.850	
Total Installed of 1.5% Threshold		135.64%	