

## **2020 Year-End (2020YE) 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 resource<sup>1</sup> on their premises with a nameplate capacity<sup>2</sup> 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<sup>3 4</sup>. Further, of this amount of available capacity 40% is to be reserved for residential customers and 15% for organic waste biomass facilities<sup>5</sup>. After these capacity reservations, an amount equivalent to 0.675% of summer peak load is available for non-biomass commercial, industrial, and school customers<sup>6</sup>.

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 2019-2<sup>7</sup>. One directive from that Order called for investor-owned utilities (IOUs) to provide quarterly updates on their net metering participation<sup>8</sup>.

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, 2020. Utility and statewide comparative data are presented on the following pages, while the individual utility net metering summary reports are included in Appendix A.

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<sup>1</sup> 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)].

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

<sup>3</sup> IC 8-1-40-10 and IC 8-1-40-12(a)(1).

<sup>4</sup> The previous Commission rules required availability to an aggregate amount of nameplate capacity of 1% of a utility's summer peak load.

<sup>5</sup> IC 8-1-40-12(a)(2).

<sup>6</sup> In this report we refer to this available capacity as the Non-reserved Nameplate Capacity.

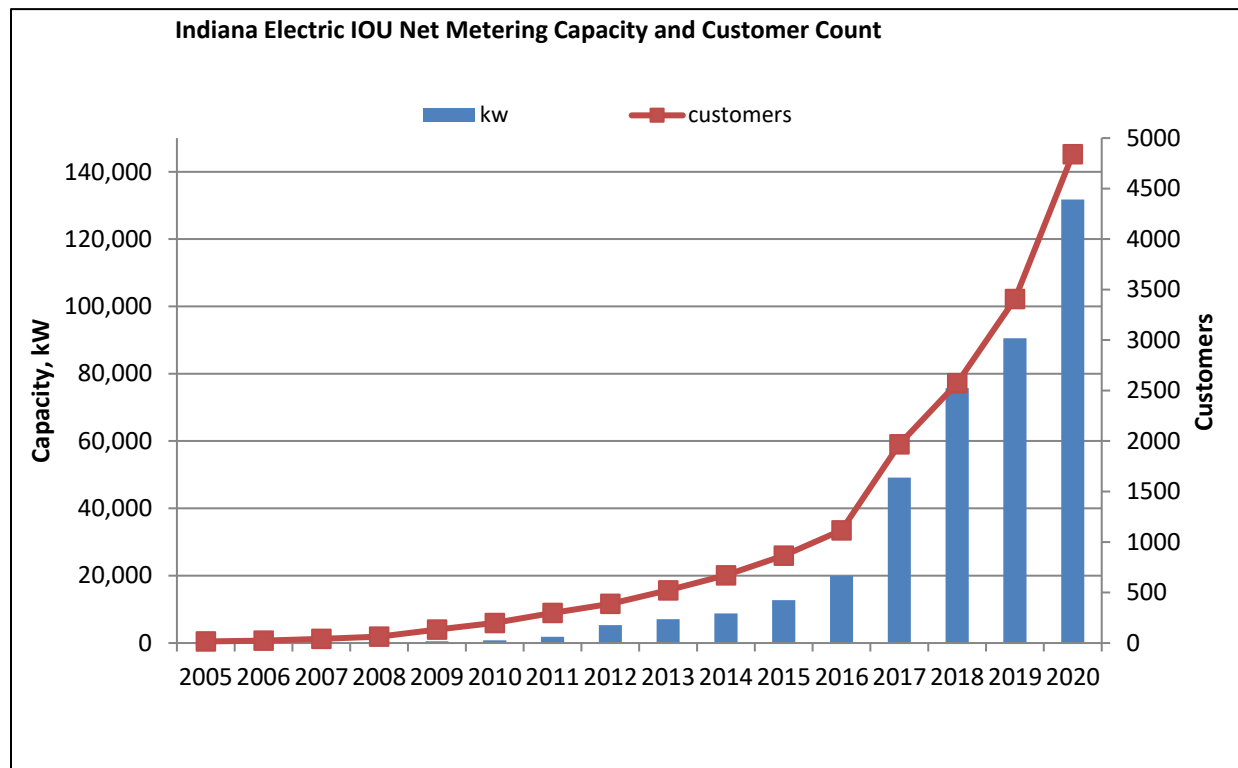
<sup>7</sup> The Informational Collaborative Meeting was held on April 10, 2019, and GAO 2019-2 was adopted on August 29, 2019.

<sup>8</sup> The Quarterly Reporting Summaries are available at <https://www.in.gov/iurc/2990.htm>.

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**Figure 1. Number of customers and total capacity by year**



<sup>9</sup> 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 and by resource type, 2020YE**

	<b>Total (kW)</b>	<b>Solar (kW)</b>	<b>Wind (kW)<sup>10</sup></b>	<b>Biomass (kW)</b>
<b>Duke Energy Indiana</b>	62,440	58,091	4,349	0
<b>NIPSCO</b>	30,353	28,155	2,198	0
<b>I&amp;M</b>	18,801	18,411	150	240
<b>Vectren</b>	14,664	14,648	16	0
<b>IPL</b>	5,486	5,436	50	0
<b>Total</b>	<b>131,744</b>	<b>124,741</b>	<b>6,763</b>	<b>240</b>

**Table 2. Nameplate Capacity by utility and by resource type, 2020YE change from 2019YE**

	<b>Total (kW)</b>	<b>Solar (kW)</b>	<b>Wind (kW)<sup>11</sup></b>	<b>Biomass (kW)</b>
<b>Duke Energy Indiana</b>	23,145	23,145	0	0
<b>NIPSCO</b>	7,153	7,153	0	0
<b>I&amp;M</b>	4,992	4,999	-7	0
<b>Vectren</b>	3,964	3,964	0	0
<b>IPL</b>	1,971	1,971	0	0
<b>Total</b>	<b>41,225</b>	<b>41,232</b>	<b>-7</b>	<b>0</b>

<sup>10</sup> Customers and capacity identified as dual (i.e. composed of both solar and wind) are grouped with the wind resources.

<sup>11</sup> Customers and capacity identified as dual (i.e. composed of both solar and wind) are grouped with the wind resources.

**Table 3. Nameplate Capacity relative to 1.5% of peak load by utility, 2020YE**

	Summer Peak Load (kW)	2020YE Net Metering Capacity (kW)	Percent of available Total Net Metering Capacity Consumed	Remaining Net Metering Capacity under 1.5% threshold (kW)
Vectren	984,300	14,664	99%	100
Duke Indiana	5,091,000	62,440	82%	13,925
NIPSCO	3,009,340	30,353	67%	14,787
I&M	3,318,000 <sup>12</sup>	18,801	38%	30,969
IPL	2,724,000	5,486	13%	35,374
<b>Total</b>	<b>15,126,640</b>	<b>131,744</b>	<b>58%</b>	<b>95,156</b>

**Table 4. Non-reserved Nameplate Capacity relative to the available 0.675% of peak load by utility, 2020YE**

	Summer Peak Load (kW)	2020YE 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 Indiana	5,091,000	50,443	147%	13
NIPSCO	3,009,340	25,126	124%	See footnote 13
Vectren	984,300	7,498	113%	See footnote 13
I&M	3,318,000	11,932	53%	10,465
IPL	2,724,000	2,337	13%	16,050
<b>Total</b>	<b>15,126,640</b>	<b>97,336</b>	<b>95%</b>	<b>4,769</b>

<sup>12</sup> 2020 Summer Peak Load as presented in Cause No. 45506 is listed and used in the calculations for consistency across utilities.

<sup>13</sup> Each of these utilities has elected to provide additional non-reserved capacity.

**Table 5. Customer and Nameplate Capacity by customer class, 2020YE**

	<b>Duke Energy Indiana</b>	<b>I&amp;M</b>	<b>IPL</b>	<b>NIPSCO</b>	<b>Vectren</b>	<b>Total</b>
<b>Residential Customers</b>	1,560	730	467	615	680	<b>4,052</b>
<b>Residential kW</b>	11,997	6,629	3,149	5,227	7,166	<b>34,168</b>
<b>Commercial Customers</b>	289	116	41	133	86	<b>665</b>
<b>Commercial kW</b>	34,246	5,850	1,337	10,220	6,393	<b>58,046</b>
<b>Industrial Customers</b>	8	5	1	0	0	<b>14</b>
<b>Industrial kW</b>	376	1,430	1,000	0	0	<b>2,806</b>
<b>School Customers</b>	57	16	0	31	5	<b>109</b>
<b>School kW</b>	15,822	4,892	0	14,906	1,104	<b>36,724</b>

**Table 6. Customer and Nameplate Capacity by customer class, 2020YE change from 2019YE**

	<b>Duke Energy Indiana</b>	<b>I&amp;M</b>	<b>IPL</b>	<b>NIPSCO</b>	<b>Vectren</b>	<b>Total</b>
<b>Residential Customers</b>	338	263	215	221	193	<b>1,230</b>
<b>Residential kW</b>	3,439	2,337	1,502	1,813	2,057	<b>11,148</b>
<b>Commercial Customers</b>	91	42	13	23	20	<b>189</b>
<b>Commercial kW</b>	16,340	2,461	469	2,441	1,908	<b>23,619</b>
<b>Industrial Customers</b>	0	1	0	0	0	<b>1</b>
<b>Industrial kW</b>	0	195	0	0	0	<b>195</b>
<b>School Customers</b>	10	0	0	3	0	<b>13</b>
<b>School kW</b>	3,365	0	0	2,899	0	<b>6,264</b>

**Table 7. Solar Nameplate Capacity growth year over year**

	<b>Capacity (kW)</b>	<b>% change from previous year</b>	<b>Absolute change from previous year (kW)</b>
<b>2009</b>	307	84%	140
<b>2010</b>	529	72%	221
<b>2011</b>	1,119	112%	591
<b>2012</b>	1,789	60%	670
<b>2013</b>	2,657	49%	868
<b>2014</b>	4,346	64%	1,689
<b>2015</b>	8,123	87%	3,777
<b>2016</b>	15,476	91%	7,353
<b>2017</b>	44,310	186%	28,834
<b>2018</b>	71,018	60%	26,708
<b>2019</b>	83,509	18%	12,491
<b>2020</b>	124,741	49%	41,232

**Table 8. Wind Nameplate Capacity growth year over year**

	<b>Capacity (kW)</b>	<b>% change from previous year</b>	<b>Absolute change from previous year (kW)</b>
<b>2009</b>	196	202%	131
<b>2010</b>	255	30%	58
<b>2011</b>	732	187%	477
<b>2012</b>	3,509	379%	2,777
<b>2013</b>	4,431	26%	922
<b>2014</b>	4,446	0%	15
<b>2015</b>	4,620	4%	174
<b>2016</b>	4,476	(3)%	(144)
<b>2017</b>	4,590	3%	114
<b>2018</b>	4,556	(1)%	(34)
<b>2019</b>	6,770	49%	2,214
<b>2020</b>	6,763	0%	-7

**Table 9. Total Nameplate Capacity growth year over year**

	Capacity (kW)	% change from previous year	Absolute change from previous year (kW)
<b>2009</b>	504	117%	271
<b>2010</b>	783	55%	280
<b>2011</b>	1,852	136%	1,068
<b>2012</b>	5,297	186%	3,445
<b>2013</b>	7,087	34%	1,790
<b>2014</b>	8,791	24%	1,704
<b>2015</b>	12,742	45%	3,951
<b>2016</b>	19,952	57%	7,210
<b>2017</b>	49,140	146%	29,188
<b>2018</b>	75,715	54%	26,575
<b>2019</b>	90,519	20%	14,804
<b>2020</b>	131,744	46%	41,225

**Table 10. Customer growth year over year**

	Participating Customers	% change from previous year	Absolute change from previous year
<b>2009</b>	133	111%	70
<b>2010</b>	199	50%	66
<b>2011</b>	298	50%	99
<b>2012</b>	388	30%	90
<b>2013</b>	522	35%	134
<b>2014</b>	671	29%	149
<b>2015</b>	866	29%	195
<b>2016</b>	1,116	29%	250
<b>2017</b>	1,968	76%	852
<b>2018</b>	2,573	31%	605
<b>2019</b>	3,407	32%	834
<b>2020</b>	4,840	42%	1,433

## Appendix A; IOU Submitted Net Metering Summary Reports



## 2020 Net Metering Report Summary

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

Net Metering Customer Information		
Customer Class	Number of Customers	Nameplate Capacity (kW)
Residential	1560	11,996.76
Commercial	296	34,245.81
Industrial	8	375.75
Schools	57	15,821.67
<b>Total</b>	<b>1914</b>	<b>62,439.99</b>
<b>New Interconnections</b>		280
<b>Former Customers</b>		7 (Transfers of Ownership)

Net Metering Facility Information			
Generation Technology	Number	Nameplate Capacity	Electricity Generated (Net)
Solar	1875	58,091.33	Not Available
Wind	28	2,188.4	Not Available
Organic Waste Biomass	0	0	Not Available
Other Qualified Net Metering Facilities	11	2,160.26	Not Available
<b>Total</b>	<b>1914</b>	<b>62,439.99</b>	Not Available

2020 Net Metering Indiana Statutory Threshold Calculation (in kW)			
	2020	Installed	% of Category Threshold
<b>Summer Peak</b>	5,091,000		
<b>Capacity Threshold (1.5% of Summer Peak)</b>	76,365		
<b>Residential (40%)</b>	30,546	11,996.76	39.27%
<b>Biomass (15%)</b>	11,454.75	0	0%
<b>All Other (45%)</b>	34,364.25	50,443.23	146.79%
<b>Total Installed as of December 31, 2020</b>		62,439.99	

## Indiana Utility Regulatory Commission – Net Metering Report Summary

<b>Utility Name:</b>	Indiana Michigan Power Company
<b>Contact Name:</b>	Tanner Guthrie
<b>Phone Number:</b>	260-408-3686
<b>Email:</b>	tlguthrie@aep.com
<b>Calendar Year/Quarter:</b>	2020 4 <sup>th</sup> Quarter
<b>Summer Peak Load for 2019:</b>	3,465 MW
<b>Total Number of Eligible* Net Metering Customers:</b>	867
<b>Total Number of Eligible* Net Metering Facilities:</b>	867
<b>Number and Size of Solar Facilities – aggregate capacity:</b>	831 facilities with 18,411 kW aggregate capacity
<b>Number and Size of Wind Facilities – aggregate capacity:</b>	35 facilities with 150 kW aggregate capacity
<b>Number and Size of Organic Waste Biomass Facilities – aggregate capacity:</b>	1 facility with 240 kW capacity
<b>Number and Size of Other Qualifying Facilities – aggregate capacity:</b>	N/A
<b>Number of New Net Metering Customer Interconnections:</b>	80
<b>Number of Previous Net Metering Customers who left the program in the calendar year:</b>	2
<b>Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):</b>	N/A
<b>List Any System Emergency Disconnections that occurred, and an explanation of each:</b>	N/A

\*(i.e., operating participants as of end of quarter.)

<b>Total Number of Eligible Net Metering Customers by Customer Class:</b>			
	<b>Number of Customers:</b>	<b>kW</b>	<b>Customer Class</b>
	730	6,629	Residential
	116	5,850	Commercial
	5	1,430	Industrial
	16	4,892	Schools
<b>Total</b>	867	18,801	

## Indiana Utility Regulatory Commission – Net Metering Report Summary

<b>Utility Name:</b>	Indianapolis Power & Light Company
<b>Contact Name:</b>	Austin Baker
<b>Phone Number:</b>	317-261-3601
<b>Email:</b>	<a href="mailto:austin.baker@aes.com">austin.baker@aes.com</a>
<b>Calendar Year/Quarter:</b>	2020/Q4 – period ending December 31, 2020
<b>Summer Peak Load for 2020:</b>	2,724 MW
<b>Total Number of Eligible* Net Metering Customers:</b>	509
<b>Total Number of Eligible* Net Metering Facilities:</b>	513
<b>Number and Size of Solar Facilities – aggregate capacity:</b>	512 Systems; 5,436 kW
<b>Number and Size of Wind Facilities – aggregate capacity:</b>	1 System; 50 kW
<b>Number and Size of Organic Waste Biomass Facilities – aggregate capacity:</b>	0
<b>Number and Size of Other Qualifying Facilities – aggregate capacity:</b>	0
<b>Number of New Net Metering Customer Interconnections:</b>	235 New Agreements – 12 months ended 12/31/20
<b>Number of Previous Net Metering Customers who left the program in the calendar year:</b>	7 since 12/31/19
<b>Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):</b>	1,704 MWh-net amount exported to IPL YTD
<b>List Any System Emergency Disconnections that occurred, and an explanation of each:</b>	None

\*(i.e., operating participants as of end of quarter.)

<b>Total Number of Eligible Net Metering Customers by Customer Class:</b>			
	<b>Number of Customers:</b>	<b>kW</b>	<b>Customer Class</b>
	467	3,149	Residential
	41	1,337	Commercial
	1	1,000	Industrial
	0	0	Schools
<b>Total</b>	509	5,486	

## 2020 Net Metering Report Summary

### Utility Contact Information

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

### Net Metering Customer Information

Customer Class	Number of Customers	Nameplate Capacity (kW)
Residential	615	5,227
Commercial	133	10,220
Industrial	0	0
Schools	31	14,906
<b>Total</b>	<b>779</b>	<b>30,353</b>
<b>New Interconnections</b>	247 customers for 262 facilities	
<b>Former Customers</b>	0	

### Net Metering Facility Information

Generation Technology	Number	Nameplate Capacity	Electricity Generated (Net)
Solar	775	28,155	19,006,701 kW
Wind	29	1,905	1,402,446 kW
Organic Waste Biomass	0	0	0
Other Qualified Net Metering Facilities	7	293	74,307 kW
<b>Total</b>	<b>811</b>	<b>30,353</b>	<b>20,483,454 kW</b>

### 2020 Net Metering Indiana Statutory Threshold Calculation (in kW)

	2020	Installed	% of Category Threshold
<b>Summer Peak 2020</b>	3,009,340		
<b>Capacity Threshold (1.5% of Summer Peak)</b>	45,140.1		
<b>Residential (40%)</b>	18,056.0	5,227	28.95
<b>Biomass (15%)</b>	6,771.0	0	0
<b>All Other (45%)</b>	20,313.1	25,126	123.69
<b>Total Installed as of December 31, 2020</b>		30,353	
<b>Total Installed of 1.5% Threshold</b>		67.24%	

## 2020 Net Metering Report Summary

### Utility Contact Information

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

### Net Metering Customer Information

Customer Class	Number of Customers	Nameplate Capacity
Residential	680	7,166.472
Commercial	86	6,393.200
Industrial	0	0.000
Schools	5	1,104.400
<b>Total</b>	<b>771</b>	<b>14,664.072</b>
<b>New Interconnections</b>	<b>214</b>	
<b>Former Customers</b>	<b>1</b>	

### Net Metering Facility Information

Generation Technology	Number	Nameplate Capacity	Electricity Generated (Net)
Solar	768	14,647.872	Not Available
Wind	3	16.200	Not Available
Organic Waste Biomass	0	0.000	Not Available
Other Qualified Net Metering Facilities	0	0.000	Not Available
<b>Total</b>	<b>771</b>	<b>14,664.072</b>	Not Available

### 2020 Net Metering Indiana Statutory Threshold Calculations (in kW)

	2020	Installed	% Of Category Threshold
Summer Peak Load	984,300.000		
Capacity Threshold (1.5% of Summer Peak)	14,764.500		
Residential (40%)	5,905.800	7,166.472	121.35%
Biomass (15%)	2,214.675	0.000	0.00%
All Others (45%)	6,644.025	7,497.600	112.85%
Total Installed as of December 31, 2020		14,664.072	
Total Installed of 1.5% Threshold		99.32%	