

STATE OF INDIANA

INDIANA UTILITY REGULATORY COMMISSION

VERIFIED PETITION OF DUKE ENERGY)
INDIANA, LLC, INDIANA MICHIGAN POWER)
COMPANY, INDIANAPOLIS POWER & LIGHT)
COMPANY D/B/A AES INDIANA, NORTHERN)
INDIANA PUBLIC SERVICE COMPANY, LLC,)
SOUTHERN INDIANA GAS & ELECTRIC)
COMPANY D/B/A CENTERPOINT ENERGY)
INDIANA SOUTH, FOR EMERGENCY AND) CAUSE NO. 45744
EXPEDITED DETERMINATIONS THAT)
CERTAIN INFORMATION CONTAINED IN)
REPORTS SUBMITTED TO THE COMMISSION)
PURSUANT TO IND. CODE § 8-1-8.5-13 IS)
CONFIDENTIAL AND EXEMPT FROM)
DISCLOSURE PURSUANT TO 170 IAC 1-1.1-4,)
IND. CODE § 8-1-8.5-13, IND. CODE § 8-1-2-29,)
IND. CODE § 5-14-3-4, AND IND. CODE § 8-1-2-113)

INDIANAPOLIS POWER & LIGHT COMPANY'S
SUBMISSION OF REDACTED 1520 RESPONSES

Indianapolis Power & Light Company d/b/a AES Indiana ("AES Indiana", "IPL",
"Company", or "Petitioner"), by counsel, in accordance with the July 13, 2022 Docket Entry in
this Cause, respectfully submits the attached public version of its HEA 1520 Responses.

Respectfully submitted,



on behalf of

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D/B/A AES INDIANA

CERTIFICATE OF SERVICE

The undersigned hereby certifies that a copy of the foregoing was served this 22nd day of July, 2022, by email transmission to:

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IC 8-1-8.5-13(i) Reporting Form - Planning Resource Planning Year 2022 to 2023
Indiana Utility Regulatory Commission

Add rows below as necessary. For resources located outside of Zone 6, please provide a description of the deliverability arrangements.
For demand response resources, please provide a description of each program.

Owned Resource <i>IC 8-1-8.5-13(i)(1) definition</i>	ICAP (MW) <i>Nameplate capacity</i>	Summer UCAP (MW) <i>IC 8-1-8.5-13(f) definition</i>	Winter UCAP (MW) <i>IC 8-1-8.5-13(g) definition</i>	Location: <i>RTO interconnection zone</i>	Fuel Source	Additional Comments
Petersburg Unit 2	410	362.4	362.4	MISO Zone 6	Coal	
Petersburg Unit 3	518	487.1	487.1	MISO Zone 6	Coal	
Petersburg Unit 4	536	513	513	MISO Zone 6	Coal	
Eagle Valley CCGT	671	591.5	591.5	MISO Zone 6	Natural Gas	
Harding Steet Unit 5	100	96.8	96.8	MISO Zone 6	Natural Gas	
Harding Steet Unit 6	99	98.2	98.2	MISO Zone 6	Natural Gas	
Harding Steet Unit 7	415	403.6	403.6	MISO Zone 6	Natural Gas	
Harding Street GT4	74	63.4	63.4	MISO Zone 6	Natural Gas	
Harding Street GT5	74	67.5	67.5	MISO Zone 6	Natural Gas	
Harding Street GT6	154	143.2	143.2	MISO Zone 6	Natural Gas	
Harding Street GT1& GT 2	38	33.6	33.6	MISO Zone 6	Oil	
Georgetown GT1	79	66.3	66.3	MISO Zone 6	Natural Gas	
Georgetown GT4	79	74.1	74.1	MISO Zone 6	Natural Gas	

Contracted Resource <i>IC 8-1-8.5-13(i)(2) definition</i>	ICAP (MW) <i>Nameplate capacity</i>	Summer UCAP (MW) <i>IC 8-1-8.5-13(f) definition</i>	Winter UCAP (MW) <i>IC 8-1-8.5-13(g) definition</i>	Location: <i>RTO interconnection zone</i>	Fuel Source	Additional Comments
Hoosier Wind Park	100	6.3	6.3	MISO Zone 6	Wind	
Lakefield Wind	200	0	0	MISO Zone 3	Wind	Lakefield capacity does not have firm transmission so it does not receive Zonal Resource Credits (ZRCs)
Rate REP	96	44	1.9	MISO Zone 6	Wind/Solar	Rate REP is an adjustment to load

Demand Response Resource <i>IC 8-1-8.5-13(i)(3) definition</i>	Summer UCAP (MW) <i>IC 8-1-8.5-13(f) definition</i>	Winter UCAP (MW) <i>IC 8-1-8.5-13(g) definition</i>	Additional Comments
Coolcents ACLM	29.3	0	Air Conditioning Load Management
Conservation Voltage Reduction	12.2	12.2	Voltage adjustment to reduce load
Rider 17	0.6	0.6	Load Curtailment
Rider 14	9.8	9.8	Load Curtailment

RTO established Planning Reserve Margin requirement <i>(see IC 8-1-8.5-13 (i)(4))</i>	Summer Demand 2682 MWx(1+ % PRM 8.7) = 2915.4MW
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Please describe any other federal reliability requirement:	
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Reliability Adequacy Metrics <i>[defined in IC 8-1-8.5-13(e)]</i>	
Summer RA Metric <i>IC 8-1-8.5-13(e)(1)</i>	Winter RA Metric <i>IC 8-1-8.5-13(e)(2)</i>
Summer UCAP(3058.9)/PRM Requirement(2915.4) = 105%	Winter UCAP(3031.5)/PRM Requirement(2758.8) = 110%

*MISO does not calculate a Winter UCAP at this time. Annual UCAP values based on Summer are shown for Winter.

IC 8-1-8.5-13(i) Reporting Form - Planning Resource Planning Year 2023 to 2024
Indiana Utility Regulatory Commission

Add rows below as necessary. For resources located outside of Zone 6, please provide a description of the deliverability arrangements.
For demand response resources, please provide a description of each program.

Owned Resource <i>IC 8-1-8.5-13(i)(1) definition</i>	ICAP (MW) <i>Nameplate capacity</i>	Summer UCAP (MW) <i>IC 8-1-8.5-13(f) definition</i>	Winter UCAP (MW) <i>IC 8-1-8.5-13(g) definition</i>	Location: <i>RTO interconnection zone</i>	Fuel Source	Additional Comments
Petersburg Unit 2	410	0	0	MISO Zone 6	Coal	
Petersburg Unit 3	518			MISO Zone 6	Coal	
Petersburg Unit 4	536			MISO Zone 6	Coal	
Eagle Valley CCGT	671			MISO Zone 6	Natural Gas	
Harding Steet Unit 5	100			MISO Zone 6	Natural Gas	
Harding Steet Unit 6	99			MISO Zone 6	Natural Gas	
Harding Steet Unit 7	415			MISO Zone 6	Natural Gas	
Harding Street GT4	74			MISO Zone 6	Natural Gas	
Harding Street GT5	74			MISO Zone 6	Natural Gas	
Harding Street GT6	154			MISO Zone 6	Natural Gas	
Harding Street GT1& GT 2	38			MISO Zone 6	Oil	
Georgetown GT1	79			MISO Zone 6	Natural Gas	
Georgetown GT4	79			MISO Zone 6	Natural Gas	

Contracted Resource <i>IC 8-1-8.5-13(i)(2) definition</i>	ICAP (MW) <i>Nameplate capacity</i>	Summer UCAP (MW) <i>IC 8-1-8.5-13(f) definition</i>	Winter UCAP (MW) <i>IC 8-1-8.5-13(g) definition</i>	Location: <i>RTO interconnection zone</i>	Fuel Source	Additional Comments
Hoosier Wind Park	100	6.8	6.8	MISO Zone 6	Wind	
Lakefield Wind	200	0	0	MISO Zone 3	Wind	Lakefield capacity does not have firm transmission so it does not receive Zonal Resource Credits (ZRCs)
Rate REP	96	44	1.9	MISO Zone 6	Wind/Solar	Rate REP is an adjustment to load
Hardy Hills	195			MISO Zone 6	Solar	
Completed Capacity Purchase 1	25			MISO Zone 4	NA	
Completed Capacity Purchase 2	100			MISO Zone 6	NA	
Planned Capacity Purchase	75			MISO Zone 6	NA	

Demand Response Resource <i>IC 8-1-8.5-13(i)(3) definition</i>	Summer UCAP (MW) <i>IC 8-1-8.5-13(f) definition</i>	Winter UCAP (MW) <i>IC 8-1-8.5-13(g) definition</i>	Additional Comments
Coolcents ACLM			Air Conditioning Load Management
Conservation Voltage Reduction			Voltage adjustment to reduce load
Rider 17			Load Curtailment
Rider 14			Load Curtailment

RTO established Planning Reserve Margin requirement <i>(see IC 8-1-8.5-13 (i)(4))</i>	
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Please describe any other federal reliability requirement:	
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Reliability Adequacy Metrics <i>[defined in IC 8-1-8.5-13(e)]</i>	
Summer RA Metric <i>IC 8-1-8.5-13(e)(1)</i>	Winter RA Metric <i>IC 8-1-8.5-13(e)(2)</i>

*MISO does not calculate a Winter UCAP at this time. Annual UCAP values based on Summer are shown for Winter.
*Planning Reserve Margin from 2022-2023 MISO LOLE Report

IC 8-1-8.5-13(i) Reporting Form - Planning Resource Planning Year 2024 to 2025
Indiana Utility Regulatory Commission

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For demand response resources, please provide a description of each program.

Owned Resource <i>IC 8-1-8.5-13(i)(1) definition</i>	ICAP (MW) <i>Nameplate capacity</i>	Summer UCAP (MW) <i>IC 8-1-8.5-13(f) definition</i>	Winter UCAP (MW) <i>IC 8-1-8.5-13(g) definition</i>	Location: <i>RTO interconnection zone</i>	Fuel Source	Additional Comments
Petersburg Unit 2	410	0	0	MISO Zone 6	Coal	
Petersburg Unit 3	518			MISO Zone 6	Coal	
Petersburg Unit 4	536			MISO Zone 6	Coal	
Eagle Valley CCGT	671			MISO Zone 6	Natural Gas	
Harding Steet Unit 5	100			MISO Zone 6	Natural Gas	
Harding Steet Unit 6	99			MISO Zone 6	Natural Gas	
Harding Steet Unit 7	415			MISO Zone 6	Natural Gas	
Harding Street GT4	74			MISO Zone 6	Natural Gas	
Harding Street GT5	74			MISO Zone 6	Natural Gas	
Harding Street GT6	154			MISO Zone 6	Natural Gas	
Harding Street GT1& GT 2	38			MISO Zone 6	Oil	
Georgetown GT1	79			MISO Zone 6	Natural Gas	
Georgetown GT4	79			MISO Zone 6	Natural Gas	

Contracted Resource <i>IC 8-1-8.5-13(i)(2) definition</i>	ICAP (MW) <i>Nameplate capacity</i>	Summer UCAP (MW) <i>IC 8-1-8.5-13(f) definition</i>	Winter UCAP (MW) <i>IC 8-1-8.5-13(g) definition</i>	Location: <i>RTO interconnection zone</i>	Fuel Source	Additional Comments
Hoosier Wind Park	100	6.8	6.8	MISO Zone 6	Wind	
Lakefield Wind	200	0	0	MISO Zone 3	Wind	Lakefield capacity does not have firm transmission so it does not receive Zonal Resource Credits (ZRCs)
Rate REP	96	44	1.9	MISO Zone 6	Wind/Solar	Rate REP is an adjustment to load
Hardy Hills	195			MISO Zone 6	Solar	
Petersburg Energy Center	300			MISO Zone 6	Solar/Battery	
Planned Capacity Purchase	165			MISO Zone 6	NA	

Demand Response Resource <i>IC 8-1-8.5-13(i)(3) definition</i>	Summer UCAP (MW) <i>IC 8-1-8.5-13(f) definition</i>	Winter UCAP (MW) <i>IC 8-1-8.5-13(g) definition</i>	Additional Comments
Coolcents ACLM			Air Conditioning Load Management
Conservation Voltage Reduction			Voltage adjustment to reduce load
Rider 17			Load Curtailment
Rider 14			Load Curtailment

RTO established Planning Reserve Margin requirement <i>(see IC 8-1-8.5-13 (i)(4))</i>	
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Please describe any other federal reliability requirement:	
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Reliability Adequacy Metrics <i>[defined in IC 8-1-8.5-13(e)]</i>	
Summer RA Metric <i>IC 8-1-8.5-13(e)(1)</i>	Winter RA Metric <i>IC 8-1-8.5-13(e)(2)</i>

*MISO does not calculate a Winter UCAP at this time. Annual UCAP values based on Summer are shown for Winter.
*Planning Reserve Margin from 2022-2023 MISO LOLE Report