## OFFICIAL EXHIBITS

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Cause No. 45744 Southern Indiana Gas and Electric Company d/b/a CenterPoint Energy Indiana South CEI South Exh. 1

IURC Center point PETITIONER'S-EXHIBIT NO.\_\_\_\_\_ BATE REPORTER

Owned Resource IC 8   1-8.5-13(i)(1) definition	ICAP (MW) Nameplate capacity	Summer UCAP (MW) IC 8-1-8.5-13(f) definition	Winter UCAP (MW) IC 8-1-8.5-13(g) definition	Location: RTO Interconnection zone	Fuel Source	Additional Comments
AB Brown 1	245	239.2	236.7	MISO Zone 6	Coal	For all thermal resources, summer is assumed to be June-August and winter is assumed to be December-February. Seasonal UCAP calculated using annual GVTC results and XEFORd values specific to each season.
AB Brown 2	240	224.7	227.6	MISO Zone 6	Coal	-
AB Brown 3	80	74.7	74.5	MISO Zone 6	Gas/Fuel Oil	Primary fuel is natural gas but can operate on fuel oil
AB Brown 4	80	59.4	66	MISO Zone 6	Gas	-
FB Culley 2	90	83.5	87.9	MISO Zone 6	Coal	-
FB Culley 3	270	265.2	260.8	MISO Zone 6	Coal	-
Warrick 4	150	138.3	134.7	MISO Zone 6	Coal	Jointly owned 300MW unit that is operated by Alcoa. CEI South owns 50%.
OVEC (Ohio Valley Electric Corp.)	32.2	29.8	30.9	MISO External Zone 23	Coal	CEI South owns 1.5% share of OVEC's total capacity. OVEC is located in MISO external zone 23, and is interconnected through the transmission provider LGEE (Louisville Gas & Electric) to SIGE with Transmission Service Request reference #88106335.
Troy Solar	50	36.4	0.4	MISO Zone 6	Solar	Summer UCAP based on first year's operation data. Winter UCAP based on first year's operational data and MISO's proposed accreditation in seasonal construct.
Oak Hill Solar	2	0.0	0.0	MISO Zone 6	Solar	Located on CEI South distribution system and accounted for in peak load forecast. Not a UCAP resource.
Volkman Rd Solar	2	0.0	0.0	MISO Zone 6	Solar	Located on CEI South distribution system and accounted for in peak load forecast. Not a UCAP resource.
Volkman Road Battery	1	0.0	0.0	MISO Zone 6	Battery	Located on CEI South distribution system and accounted for in peak load forecast. Not a UCAP resource.
Blackfoot Landfill	3.2	0.0	0.0	MISO Zone 6	Landfill Gas	Located on CEI South distribution system and accounted for in peak load forecast. Not a UCAP resource.

Contracted Resource IC 8-1-8.5-13(i)(2) definition	ICAP (MW) Nameplate capacity	Summer UCAP (MW) IC 8-1-8.5-13(f) definition	Winter UCAP (MW) IC 8-1-8.5-13(g) definition	Location: RTO interconnection zone	Fuel Source	Additional Comments
Benton County Wind Farm	29.5	2.2	7.4	MISO Zone 6	Wind	Winter accreditation uses MISO LOLE average wind ELCC from DecFeb. to determine accreditation
Fowler Wind Farm	50	3.9	12.5	MISO Zone 6	Wind	Winter accreditation uses MISO LOLE average wind ELCC from DecFeb. to determine accreditation

Demand Response Resource IC 8-1-8.5-13(i)(3) definition	Summer UCAP (MW) IC 8-1-8.5-13(f) definition	Winter UCAP (MW) IC 8-1-8,5-13(g) definition	Additional Comments
DR - DLC - Summer Cycler	8.7	0	Direct load control via switches on electric cooling units and electric water heaters. This DR is only available in summer months per CEI South tariff

RTO established Planning Reserve Margin requirement (see iC 8-1-8.5-13 (i)(4)	Summer Demand 1022.7MWx(1+ % PRM 8.7%)x(1+%Transmission Loss 2.4%) = 1138.4MW				
Please describe any other federal reliability requirement:	-				
Reliability Adequacy Metrics [defined in IC 8-1-8 5-13(e)]					
Summer RA Metric	Winter RA Metric IC				
IC 8-1-8.5-13(e)(1)	8-1-8.5-13(e)(2)				
Summer UCAP/PRM Requirement = 102%	Winter UCAP/PRM Requirement = 128.8%				

Summer PRMR	Winter PRMR
1138.4	884.9

SUMMER TOTAL UCAP	WINTER TOTAL UCAR
1166.0	1139.4
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Summer RA Metric (%)	Winer RA Metric (%)

2022-2023 Coincident Peak (Summer)	95.69%
2022-2023 PRM	8.70%
Transmission Losses	2.40%
Load	
2022-2023 MISO PY Winter Load Forecast (With Transmission Losses)	851.2
Coincident Peak With Transmission Losses	814.5
Transmission Losses	19.5
Demand Forecast (Coincident Peak Without Transmission Losses)	795.0
Effective PRM	69.2
PRMR Without Transmission Losses	864.1
Transmission Losses	20.7
Winter PRMR With Transmission Losses	884.9

Note: Projected winter peak load and summer coincidence factor used to calculate winter PRMR

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