

FILED  
May 16, 2023  
INDIANA UTILITY  
REGULATORY COMMISSION

**SOUTHERN INDIANA GAS AND ELECTRIC COMPANY  
d/b/a CENTERPOINT ENERGY INDIANA SOUTH  
(CEI SOUTH)**

**IURC CAUSE NO. 38708 FAC 139**

IURC  
PETITIONER'S  
EXHIBIT NO. 2  
7-10-23  
DATE REPORTER ur

**DIRECT TESTIMONY  
OF  
RYAN M. WILHELMUS  
MANAGER, REGULATORY AND RATES  
ON  
FUEL COST**

**OFFICIAL  
EXHIBITS**

**SPONSORING ATTACHMENTS RMW-1 THROUGH RMW-2**

**DIRECT TESTIMONY OF RYAN M. WILHELMUS**

1   **INTRODUCTION**

2

3   **Q.     Please state your name and business address.**

4   A.     My name is Ryan M. Wilhelmus. My business address is 211 NW Riverside Drive,  
5           Evansville, Indiana 47708.

6

7   **Q.     By whom are you employed?**

8   A.     I am employed by CenterPoint Energy Service Company, LLC ("Service Company"),  
9           a wholly owned subsidiary of CenterPoint Energy, Inc. The Service Company provides  
10          centralized support services to CenterPoint Energy, Inc.'s operating units, one of  
11          which includes Southern Indiana Gas and Electric Company d/b/a CenterPoint Energy  
12          Indiana South ("CEI South")<sup>1</sup>.

13

14   **Q.     On whose behalf are you submitting this direct testimony?**

15   A.     I am submitting testimony on behalf of CEI South, which is an indirect subsidiary of  
16          CenterPoint Energy, Inc.

17

18   **Q.     What is your role with respect to CEI South?**

19   A.     I am Manager of Regulatory and Rates for CEI South.

20

21   **Q.     Please describe your educational background.**

22   A.     I am a 2001 graduate of the University of Evansville with a Bachelor of Science Degree  
23          in Mechanical Engineering.

24

25   **Q.     Please describe your professional experience.**

26   A.     From 1999 to 2002, I was employed by Spencer Industries as a manufacturing  
27          engineer. From 2002 to 2019 I was employed by CEI South in various engineering and  
28          technical roles in its power generation group. In 2019, I moved into Resource Planning

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<sup>1</sup> For the sake of clarity, my testimony refers to CEI South, even though in certain situations, I may be referring to one of CEI South's predecessor companies.

1 as a generation planning engineer. I was named to my current position in November  
2 2020.

3  
4 **Q. What are your present duties and responsibilities as Manager, Regulatory and**  
5 **Rates?**

6 A. I am responsible for various Indiana Electric regulatory and rate matters in proceedings  
7 before the Indiana Utility Regulatory Commission ("Commission"). I also have  
8 responsibility for assisting with the implementation of all electric regulatory initiatives  
9 for CEI South, as well as the preparation of regulatory and rates exhibits submitted in  
10 various regulatory proceedings. Additionally, I am responsible for generation related  
11 submissions to North American Electric Reliability Corporation ("NERC"), Midcontinent  
12 Independent System Operator ("MISO"), and the U.S. Energy Information  
13 Administration ("EIA") as well as playing a key role in CEI South's Integrated Resource  
14 Plan Analysis.

15  
16 **Q. Have you previously testified before this Commission?**

17 A. Yes. I have testified before the Commission on behalf of CEI South in its Reliability  
18 Cost and Revenue Adjustment ("RCRA") filing in Cause No. 43406 and its MISO Cost  
19 and Revenue Adjustment ("MCRA") filing in Cause No. 43354, as well as in prior FAC  
20 proceedings under this Cause No. 38708.

21  
22 **Q. What is the purpose of your testimony in this proceeding?**

23 A. The purpose of my testimony is to provide information regarding CEI South's Petition  
24 for approval of a change in its FAC for the period August, September and October  
25 2023 (the "FAC period"), and to sponsor Attachments RMW-1 through RMW-2.

26  
27 **Q. Were these attachments prepared and filed pursuant to your direction or under**  
28 **your supervision?**

29 A. Yes.

1 **DERIVATION OF FUEL COST ADJUSTMENT**

2

3 **Q. What is CEI South requesting in this Cause?**

4 A. CEI South requests Commission approval of a fuel cost adjustment to CEI South's  
5 electric rates to be applicable during the FAC period.

6

7 **Q. Please describe Attachment RMW-1.**

8 A. Attachment RMW-1 contains the tariff sheet setting forth the proposed fuel cost  
9 adjustment to be effective for the FAC period.

10

11 **Q. Please explain Attachment RMW-2.**

12 A. Attachment RMW-2 consists of schedules that detail estimated fuel costs for the FAC  
13 period along with the actual fuel costs and the reconciliation of actual costs and  
14 estimated costs for the months of December 2022, and January and February 2023  
15 ("the reconciliation period").

16

17 **Q. What are the percentage deviations between the estimated average cost and  
18 actual average cost of fuel supplied for the reconciliation period?**

19 A. The weighted average estimating deviation for the three-month reconciliation period is  
20 (43.08)%. The estimating deviation was (53.85)% in December 2022, (36.57)% in  
21 January 2023, and (25.41)% in February 2023.

22

23 **Q. What were the primary drivers of the variance between the estimated average  
24 cost and actual average cost of fuel supplied for the reconciliation period?**

25 A. As discussed in Mr. Games testimony in FAC 138, A. B. Brown Units 1 and 2 both  
26 experienced operational issues due to extreme cold, exacerbated by high winds. Both  
27 units tripped off-line on December 22, 2022. Brown Unit 1 remained off-line until  
28 January 1, 2023, while Brown Unit 2 was intermittently on- and off-line through January  
29 3, 2023. As these units were operating at full load at the time they tripped off-line, the  
30 loss of generation required CEI South to purchase power through the MISO market.  
31 At the time power prices were higher than normal.

32

1 **Q. Is the FAC variance included in this FAC request materially accurate?**

2 A. Yes. The variance is accurate with respect to CEI South's books and records.

3

4 **Q. If the Commission approves CEI South's proposed Fuel Cost Adjustment, what**  
5 **will be the impact on the bills of its Residential customers?**

6 A. As requested, the fuel cost adjustment applicable to Residential customers would  
7 increase by 11.259 mills per kWh, from 1.434 mills per kWh to 12.693 mills per kWh.  
8 The monthly bill during the FAC period for a Residential customer using 1,000 kWh  
9 would increase by \$11.26 under CEI South's proposal.

10

11 **Q. Is the estimate of CEI South's prospective average fuel costs for the FAC period**  
12 **reasonable?**

13 A. Yes. CEI South has used estimating techniques that have been judged sound by this  
14 Commission in its previous fuel cost adjustment proceedings when comparing total  
15 estimated fuel costs with total actual fuel costs. The average fuel cost estimate was  
16 calculated by determining the amount of generation that would be required from each  
17 generating unit, the amount of fuel required for the generation, and the price of fuel for  
18 each generating unit, assuming a normal weather supply plan. The price used for each  
19 coal-fired generation unit is the estimated average price of all coal in inventory for each  
20 unit. CEI South has included projections for solar generation within this FAC  
21 proceeding, included on Line 4 of Schedule 1 under "Solar Generation."

22

23 **Q. Please describe Schedule 8 (Percentage Change in Rate).**

24 A. Schedule 8 calculates the percentage change in rate, inclusive of retail variance, from  
25 the currently effective rate, inclusive of retail variance, approved in FAC 138. The  
26 percentage change in the rate, by Rate Schedule, is included in the Petition in  
27 compliance with the Commission's General Administrative Order ("GAO") 2020-05  
28 issued December 29, 2020.

29

**OTHER ITEMS**

**Q. Have any estimated costs associated with MISO been included in this Cause?**

A. Yes. CEI South has included in its forecast estimated costs that reflect its participation in the MISO, based on experience with the MISO since April 1, 2005.

**Q. What were the amounts of Contestable Revenue Sufficiency Guarantee ("RSG") charges incurred in each of the three months of the reconciliation period?**

A. CEI South's books show Contestable RSG charges of \$181,868.54 for December 2022, \$7,331.97 for January 2023, and \$41.11 for February 2023. Contestable RSG charges are no longer included for recovery in the FAC but are included for recovery in MCRA filings.

**Q. Is the accounting treatment afforded the above-mentioned MISO charges in accordance with orders previously issued by this Commission?**

A. Yes.

**Q. Has CEI South allocated the cost of Company Use differently in the projection of this FAC than in FAC 137?**

A. No. CEI South has used the same allocation methodology in this FAC, and in each FAC since FAC 92.

**Q. Do the reconciliation amounts in this FAC include actual System Losses and Company Use?**

A. Yes. Actual System Losses and Company Use have been included in the variance calculations by voltage group since May 3, 2011, the effective date of rates in CEI South's last base rate case (Cause No. 43839). System Losses are allocated to the Rate Schedules by voltage group on a line-loss adjusted basis, and Company Use is allocated on an energy sales basis. For purposes of these reconciliations, CEI South uses the same methodology illustrated on Attachment RMW-2, Schedule 1b to determine modified line losses, based on actual System Losses, allocable to each Voltage Group.

1 **Q. Are line loss percentages applicable to voltage service levels for special**  
2 **contract customers also modified for actual losses?**

3 A. No. As first described in FAC 92, the applicable line loss percentages for special  
4 contract customers are fixed, for both estimating and reconciliation purposes, at the  
5 levels identified in CEI South's most recent line-loss study completed in August 2006.  
6

7 **Q. How are line losses attributable to special contract customers treated in the**  
8 **determination of the FAC?**

9 A. As first described in FAC 92, the line losses attributable to special contract customers  
10 are deducted from total system losses before losses are allocated to retail customers  
11 in the determination of the FACs. This calculation is reflected in CEI South's work  
12 papers provided to the Commission and the OUCC.  
13

14 **Q. Has CEI South complied with the terms of the Commission's order in Cause No.**  
15 **43839 as related to voltage differentiated line loss adjustments in the FAC?**

16 A. Yes. CEI South continues to estimate and reconcile voltage differentiated line loss  
17 adjusted FAC adjustments per the Commission's Order in Cause No. 43839.  
18

19 **Q. Has CEI South complied with the terms of the Commission's order in Cause No.**  
20 **45378 as related to the recovery of Excess Distributed Generation ("EDG")**  
21 **credits paid by CEI South to EDG customers through the FAC?**

22 A. Yes. CEI South has incorporated the recovery of EDG credits through the FAC  
23 beginning with the EDG effective date of May 14, 2021, per the Commission's Order  
24 in Cause No. 45378.<sup>2</sup>  
25

26 **Q. Has CEI South properly applied its fuel cost adjustment since the Commission**  
27 **Order in its last filed FAC?**

28 A. Yes.

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<sup>2</sup> The Court of Appeals reversed the Commission's determination as to how those credits are to be calculated in a January 28, 2022, Memorandum Decision. Case No. 21A-EX-821. On March 14, 2022, CEI South filed a Petition to Transfer to the Indiana Supreme Court. The Indiana Supreme Court granted transfer on June 1, 2022. Case No. 22S-EX-166. The Supreme Court heard oral arguments on September 15, 2022, and took the case under advisement. On January 4, 2023, the Indiana Supreme Court issued their Opinion recognizing the Commission's legal authority and technical expertise underpinning their original order and approving Petitioner's netting method.

1   **CONCLUSION**

2

3   **Q.     Does this conclude your direct testimony?**

4   **A.     Yes, at the present time.**

## VERIFICATION

I affirm under penalties for perjury that the foregoing representations are true to the best of my knowledge, information, and belief.

SOUTHERN INDIANA GAS AND ELECTRIC  
COMPANY D/B/A CENTERPOINT ENERGY  
INDIANA SOUTH



Ryan M. Wilhelmus  
Manager, Regulatory and Rates

5/15/2023

Date

Southern Indiana Gas and Electric Company D/B/A  
CenterPoint Energy Indiana South (CEI South)  
Tariff for Electric Service  
I.U.R.C. No. E-13

Sheet No. 65  
Fifty-Second Revised Page 2 of 2  
Cancels Fifty-First Revised Page 2 of 2

**APPENDIX A**  
**FUEL ADJUSTMENT CLAUSE**  
(Continued)

3. "LLF" is the line loss percentage for the applicable Rate Schedule, as set forth below in the FAC Rates section.
  4. "BF" is the line loss adjusted base fuel cost for the applicable Rate Schedules as set forth below.
- B. The FAC Rates as computed above shall be further modified to allow the recovery of revenue based tax charges occasioned by the FAC revenues.
- C. The FAC Rates shall be further modified commencing with the third succeeding month to reflect the difference between the estimated fuel cost billed and fuel cost actually experienced during the month(s) in which such estimated fuel cost was billed.

**FAC RATES**

Pursuant to the Indiana Utility Regulatory Commission's Order in Cause No. 38708-FAC139, the Fuel Cost Adjustments for August, September and October 2023 are as stated below:

<u>Rate Schedule</u>	<u>FAC Rate (\$ per kWh)</u>	<u>Line Loss</u>	<u>Base Fuel Exclusive of IURT (\$ per kWh)</u>
RS, B, SGS, OSS, SL, & OL	\$0.012693	7.292194%	\$0.0382950
DGS/MLA	\$0.012691	7.253440%	\$0.0382753
LP	\$0.012495	4.727763%	\$0.0371232
HLF	\$0.012291	1.867255%	\$0.0358825

Effective: August 1, 2023

**CENTERPOINT ENERGY INDIANA SOUTH**  
**Determination of Fuel Cost Adjustment**  
**Beginning with August 2023 Based on the Estimated**  
**Three Months Average of August, September and October 2023**

		(A)	(B)	(C)	(D)	(E)	
Line No.	Description	Estimated Month of:			Total	Estimated Three Month Average	Line No.
		August 2023	September 2023	October 2023			
	<b>kWh Source (000's)</b>						
1	Steam Generation	573,704	352,755	351,109	1,277,568	425,856	1
2	Nuclear Generation	-	-	-	-	-	2
3	Hydro Generation	-	-	-	-	-	3
4	Solar Generation	11,000	10,400	7,800	29,200	9,733	4
5	Other Generation	5,800	3,400	3,100	12,300	4,100	5
6	Purchases Through MISO	413	47,202	39,824	87,439	29,146	6
7	Purchased Power Other than MISO	21,793	24,208	33,823	79,824	26,608	7
8	Purchased Power for Other Systems	-	-	-	-	-	8
	Less:						0
9	Company Use					-	9
10	Inter-System Sales Through MISO	140,965	30,662	51,520	223,148	74,383	10
11	Inter-System Sales Other Than MISO	-	-	-	-	-	11
12	Sales Not Subject to FAC	-	-	-	-	-	12
13	<b>Supply (S)</b>	<b>471,745</b>	<b>407,302</b>	<b>384,135</b>	<b>1,263,182</b>	<b>421,060</b>	<b>13</b>
<b>Fuel Cost (\$)</b>							
14	Steam Generation	\$ 14,972,064	\$ 9,219,991	\$ 9,300,329	\$ 33,492,384	\$ 11,164,128	14
15	Nuclear Generation	-	-	-	-	-	15
16	Hydro Generation	-	-	-	-	-	16
17	Solar Generation	-	-	-	-	-	17
18	Other Generation	240,886	127,620	120,288	488,794	162,931	18
19	Purchases Through MISO	18,712	1,754,865	1,318,474	3,092,051	1,030,684	19
20	MISO Components of Cost of Fuel	13,854	1,583,338	1,335,851	2,933,043	977,681	20
21	Purchased Power Other than MISO	1,042,036	1,191,295	1,938,453	4,171,784	1,390,595	21
	Less:						
22	Inter-System Sales Through MISO w/ Transmission Losses	4,120,147	999,071	1,597,010	6,716,228	2,238,743	22
23	Inter-System Sales Other Than MISO	-	-	-	-	-	23
24	<b>Total Fuel Cost (F)</b>	<b>\$ 12,167,405</b>	<b>\$ 12,878,038</b>	<b>\$ 12,416,385</b>	<b>\$ 37,461,828</b>	<b>\$ 12,487,276</b>	<b>24</b>
25	<b>Cost of Supply (F) ÷ (S) (Line 24 ÷ Line 13 (Mills/kWh))</b>					<b>29.657</b>	<b>25</b>
26	<b>Estimated Company Use Cost (Sch 1b, Line 12)</b>				<b>\$ 104,449</b>	<b>\$ 34,816</b>	<b>26</b>
27	<b>Adjusted Total Fuel Cost (Line 24 - Line 26)</b>				<b>\$ 37,357,379</b>	<b>\$ 12,452,460</b>	<b>27</b>
<b>Months to be Reconciled</b>							
		<u>December 2022</u>	<u>January 2023</u>	<u>February 2023</u>			
28	<b>Retail Fuel Cost Variance excluding Special Contracts (Sch 4, Line 6) (Mills/kWh)</b>	<b>\$ 14,853,794</b>	<b>\$ 3,381,269</b>	<b>\$ 2,536,223</b>	<b>\$ 20,771,286</b>		<b>28</b>
29	Retail Variance Charge Excluding Special Contracts (Line 28 Total ÷ estimated Retail Supply) of		1,184,833	kWh (000's)		17,531	29
30	Adjusted Supply Fuel Cost Charge (Line 25 + Line 29)					47,188	30
<b>Conversion to (F+S) mills per kWh Sold</b>		RS, B, SGS, OSS, SL, OL	DGS	LP	HLF	Total Special Contracts	
31	Projected Line loss % (Historical)	7.292194%	7.253440%	4.727763%	1.867255%	1.179326%	31
32	Fuel Cost (Adjusted for line losses) (Sch 1b, Line 11)	50.900	50.878	49.530	48.086	30.095	32
33	Estimated Cost of Company Use (Sch 1b, Line 13)	0.088	0.088	0.088	0.088	0.088	33
34	Fuel Cost (Including Company Use) (Line 32+Line 33)	50.988	50.966	49.618	48.174	30.183	34
35	Less: Base Cost of Fuel Included In Rates (Cause No.43839)	38.295	38.275	37.123	35.883		35
36	Fuel Cost Charge per kWh Sold (Line 34 - Line 35)	12.693	12.691	12.495	12.291	30.183	36

**CENTERPOINT ENERGY INDIANA SOUTH**  
**Calculation of Special Contracts Supply Costs**  
**to Support Schedule 1**

Line No.	Source	Estimated Supply (kWh 000s)	August 2023	September 2023	October 2023	Total
1	Sch 1b, L59	Total Estimated Supply Excluding Co Use (S)	470,556	406,019	383,085	1,259,660
2	Sch 1b, L37	Total Special Contracts Supply	28,670	22,769	23,388	74,827
3	(L1 - L2)	Retail Supply	441,886	383,250	359,697	1,184,833
<b>Calculation of Supply Charge</b>						
4	Sch 1, L24	Total Fuel Cost (F <sub>1</sub> ) (Sch 1, Line 24)	\$ 12,167,405	\$ 12,878,038	\$ 12,416,385	\$ 37,461,828
5	(L1)	Total Supply Excluding Co Use (S) (Sch 1b, Line 59)	470,556	406,019	383,085	1,259,660
6	(L4 / L5)	(F <sub>1</sub> ) ÷ (S) (Line 4 ÷ Line 5 (Mills/kWh))	25.858	31.718	32.412	29.740
7	(L2 * L6)	Total Special Contract Fuel Cost				\$ 2,225,355
8	Sch 1b, L22	Total Special Contract Sales				73,944
9	(L7 / L8)	Total Special Contract Cost /kWh Sold (mills/kWh)				30.095
10	Sch 1b L13	Co Use cost per kWh Sold				0.088
11	(L9 + L10)	<b>Total Special Contract Cost (mills/kWh)</b>				<b>30.183</b>

Calculation of Supply and Losses Based on Estimated Sales  
Line Loss Study % and Historical Loss %  
August, September and October 2023

		(A) RS, B, SGS, OSS, SL, OL	(B) DGS	(C) LP	(D) HLF	(E) Total Retail	(F) Total Special Contracts	(G) Company Use	(H) Total	
1	Estimated kWh Sales	L17 thru L23, Total	387,114,622	271,818,662	431,345,678	21,042,000	1,111,320,962	73,944,000	-	1,185,264,962
2	Estimated kWh Supply for cost estimate	Historical Loss, 5.906% in total	417,564,213	293,076,812	452,750,656	21,442,384	1,184,834,065	74,826,448	3,521,917	1,263,182,430
3	Estimated kWh Supply for cost allocation (available to retail)	L24 thru L28 Total	417,564,213	293,076,812	452,750,656	21,442,384	1,184,834,065	74,826,448	-	1,259,660,513
4	Estimated Losses kWh	(L3 - L1) Total Ties to L29	30,449,591	21,258,150	21,404,978	400,384	73,513,103	882,448		74,395,551
5	Losses as % of Supply	(L4 ÷ L3)	7.292194%	7.253440%	4.727763%	1.867255%		1.179326%		5.906000%
6	Supply cost (mills/per kWh) excl cost of co use	(Sch 1, L25, Col E)	29.657	29.657	29.657	29.657	29.657	29.657		29.657
7	Prior variance (mills/ kWh) Supply	(L9 ÷ L3)	17.531	17.531	17.531	17.531	-			
8	Total Supply Cost per kWh	(L6 + L7)	47.188	47.188	47.188	47.188	29.657	29.657		
9	Prior Variance	(Sch 1, L28 ÷ L3e X L3)	7,320,304	5,137,920	7,937,156	375,906	-			
10	Estimated Cost by voltage group	(L3 * L8/1000)	\$ 19,704,020	\$ 13,829,709	\$ 21,364,398	\$ 1,011,823	\$ 55,909,950	\$ 2,219,128	\$	58,129,078
11	Estimated Cost per kWh Sold	(L10 ÷ L1)*1000	50.900	50.878	49.530	48.086	50.309			49.043
12	Cost of Company Use	(L2, col g/1000 * L6)							\$	104,449
13	Company Use mills per kWh sold	L12 col h/L1 col h	0.088	0.088	0.088	0.088		0.088		0.088
14	Company Use Costs Allocated to Voltage groups	(L1 * L13/1000)	\$ 34,066	\$ 23,920	\$ 37,958	\$ 1,852	\$ 97,796	\$ 6,507	\$	104,303
15	Class % of Losses	L52 thru L56, % of Total	41.42%	28.92%	29.12%	0.54%	100.00%			
16	Losses based on Historical Loss % (sum of monthly losses)	L52 thru L56, Total	30,449,591	21,258,150	21,404,978	400,384	73,513,103			

Budgeted Sales		August 2023	September 2023	October 2023	Total		
17	RS, B, SGS, OSS, SL, OL	Budget	159,035,533	126,272,647	101,806,442	387,114,622	
18	DGS	Budget	100,197,299	83,129,686	88,491,677	271,818,662	
19	LP	Budget	148,108,070	143,249,624	139,987,984	431,345,678	
20	HLF	Budget	7,092,000	6,888,000	7,062,000	21,042,000	
21	Total Retail	Budget	414,432,902	359,539,957	337,348,103	1,111,320,962	
22	Special Contracts	Budget	28,332,000	22,500,000	23,112,000	73,944,000	
23	Total Budgeted Sales	Budget	442,764,902	382,039,957	360,460,103	1,185,264,962	
Supply Based on Historical Loss %		August 2023	September 2023	October 2023	Total		
24	RS, B, SGS, OSS, SL, OL	L17 + L52	171,386,877	136,230,672	109,946,664	417,564,213	Ties to line 2
25	DGS	L18 + L53	107,922,743	89,637,975	95,516,094	293,076,812	Ties to line 2
26	LP	L19 + L54	155,351,248	150,363,183	147,036,225	452,750,656	Ties to line 2
27	HLF	L20 + L55	7,224,954	7,019,122	7,198,308	21,442,384	Ties to line 2
28	Total Retail Supply		441,885,822	383,250,952	359,697,291	1,184,834,065	
29	Total Losses Based on Historical Loss %	(L23*5.906%)/(1-5.906%)	27,791,034	23,979,510	22,625,007	74,395,551	5.906% in total
30	Less Special Contract Losses		338,114	268,515	275,819	882,448	
31	Losses Allocated to Retail	L29-L30	27,452,920	23,710,995	22,349,188	73,513,103	

Calculation of Supply and Losses Based on Estimated Sales  
Line Loss Study % and Historical Loss %  
August, September and October 2023

Supply Based on Loss Study %		August 2023	September 2023	October 2023	Total	
32 RS, B, SGS, OSS, SL, OL	L17/(1-8.294716%)	173,420,250	137,693,971	111,014,805	422,129,026	
33 DGS	L18/(1-8.239646%)	109,194,543	90,594,338	96,437,811	296,226,693	
34 LP	L19/(1-5.388646%)	156,543,653	151,408,492	147,961,083	455,913,228	
35 HLF	L20/(1-2.136625%)	7,246,838	7,038,384	7,216,183	21,501,405	
36 Total Retail Supply based on Loss Study	sum L32 thru L35	446,405,284	386,735,185	362,629,882	1,195,770,352	
37 Special Contracts		28,670,114	22,768,515	23,387,819	74,826,448	
38 Total Supply Based on Loss Study	L36 + L37	475,075,398	409,503,700	386,017,701	1,270,596,800	
Estimated Losses Based on Loss Study		August 2023	September 2023	October 2023	Total	
39 RS, B, SGS, OSS, SL, OL	L32-L17	14,384,717	11,421,324	9,208,363	35,014,404	
40 DGS	L33-L18	8,997,244	7,464,652	7,946,134	24,408,031	
41 LP	L34-L19	8,435,583	8,158,868	7,973,099	24,567,550	
42 HLF	L35-L20	154,838	150,384	154,183	459,405	
43 Total Retail		31,972,382	27,195,228	25,281,779	84,449,390	
44 Special Contracts	L37-L22	338,114	268,515	275,819	882,448	
45 Total Estimated Losses Based on Loss Study		32,310,496	27,463,743	25,557,598	85,331,838	
Voltage Group Losses % based on Loss Study		August 2023	September 2023	October 2023		
46 RS, B, SGS, OSS, SL, OL	L39/L43	44.991%	41.998%	36.423%		
48 DGS	L40/L43	28.141%	27.448%	31.430%		
49 LP	L41/L43	26.384%	30.001%	31.537%		
50 HLF	L42/L43	0.484%	0.553%	0.610%		
51 Total		100.000%	100.000%	100.000%		
Historical Class Loss % allocated based on Study Relationship		August 2023	September 2023	October 2023	Total	% of total
52 RS, B, SGS, OSS, SL, OL	L31 * L47	12,351,344	9,958,025	8,140,222	30,449,591	41.42%
53 DGS	L31 * L48	7,725,444	6,508,289	7,024,417	21,258,150	28.92%
54 LP	L31 * L49	7,243,178	7,113,559	7,048,241	21,404,978	29.12%
55 HLF	L31 * L50	132,954	131,122	136,308	400,384	0.54%
56 Total Retail Losses		27,452,920	23,710,995	22,349,188	73,513,103	
Totals by Month						
57 Sales	Budget	442,764,902	382,039,957	360,460,103	1,185,264,962	Ties to L1, col (h)
58 Supply including Co Use	Budget	471,744,745	407,302,215	384,135,470	1,263,182,430	Ties to L2, col (h)
59 Supply excluding Co Use	Budget	470,555,936	406,019,467	383,085,110	1,259,660,513	Ties to L3, col (h)

**CENTERPOINT ENERGY INDIANA SOUTH**  
**Determination of Net Energy Cost of Other Purchased Power**  
**For the estimated Months of:**  
**August, September and October 2023**

Line No	Supplier and Type of Power	(A) kWh Purchased (000's)	(B) Energy *	Line No
<u>August 2023</u>				
1	Purchases other than MISO	21,793	\$ 1,042,036	1
2	Purchases through MISO	413	\$ 18,712	2
3	MISO Components of Fuel Cost	-	\$ 13,854	3
4	Total	<u>22,206</u>	<u>\$ 1,074,602</u>	4
<u>September 2023</u>				
5	Purchases other than MISO	24,208	\$ 1,191,295	5
6	Purchases through MISO	47,202	\$ 1,754,865	6
7	MISO Components of Fuel Cost	-	\$ 1,583,338	7
8	Total	<u>71,410</u>	<u>\$ 4,529,498</u>	8
<u>October 2023</u>				
9	Purchases other than MISO	33,823	\$ 1,938,453	9
10	Purchases through MISO	39,824	\$ 1,318,474	10
11	MISO Components of Fuel Cost	-	\$ 1,335,851	11
12	Total	<u>73,647</u>	<u>\$ 4,592,778</u>	12
13	Total Net Energy Cost of Other Purchased Power	<u>167,263</u>	<u>\$ 10,196,878</u>	13

\*Demand Charges have not been estimated.

**CENTERPOINT ENERGY INDIANA SOUTH**  
**Determination of Fuel Costs Recovered Through**  
**Inter-System Sales by Month**  
**For the estimated Months of:**  
**August, September and October 2023**

Line No.	Purchaser and Type of Transaction	(A) kWh Sold	(B) Fuel Cost*	Line No.
<u>August 2023</u>				
1	Intersystem Sales through MISO	140,965,460	\$ 4,120,147	1
2	Intersystem Sales other than MISO	-	-	2
3	Total	<u>140,965,460</u>	<u>4,120,147</u>	3
<u>September 2023</u>				
4	Intersystem Sales through MISO	30,662,470	\$ 999,071	4
5	Intersystem Sales other than MISO	-	-	5
6	Total	<u>30,662,470</u>	<u>999,071</u>	6
<u>October 2023</u>				
7	Intersystem Sales through MISO	51,520,340	\$ 1,597,010	7
8	Intersystem Sales other than MISO	-	-	8
9	Total	<u>51,520,340</u>	<u>1,597,010</u>	9
10	Total Inter-System Sales	<u>223,148,270</u>	<u>\$ 6,716,228</u>	10

\*Demand Charges have not been estimated.

**CENTERPOINT ENERGY INDIANA SOUTH**  
**Reconciliation of Actual Incremental Cost of Fuel**  
**Incurred to Applicable Incremental Retail Fuel Clause**  
**Revenues for December 2022**

Line No.	Class of Customers	KWH Sales (in 000's)	Base cost of fuel recovered in rates	Actual cost of fuel incurred	Actual incremental cost of fuel incurred	Actual incremental cost of fuel billed including gross receipts tax	Actual incremental cost of fuel billed excluding gross receipts tax	Fuel cost Variance from Cause No. 38708 FAC 136	Incremental fuel clause revenues to be reconciled with actual incremental cost of fuel incurred	Fuel cost Variance	Line No.
1	RS, B, SGS, OSS, OL, SL	149,889	5,739,981	10,807,412	5,067,431	(605,699)	(605,699)	244,451	(850,150)	5,917,581	1
2	DGS	76,962	2,945,725	5,546,309	2,600,584	(310,001)	(310,001)	445,409	(755,410)	3,355,994	2
3	LP	112,665	4,182,475	7,915,148	3,732,673	(762,740)	(762,740)	798,211	(1,560,951)	5,293,624	3
4	HLF	7,122	255,555	486,511	230,956	(24,799)	(24,799)	30,840	(55,639)	286,595	4
5		-	-	-	-	-	-	-	-	-	5
6	Subtotal	346,637	13,123,736	24,755,380	11,631,644	(1,703,239)	(1,703,239)	1,518,911	(3,222,150)	14,853,794	6
7	Special Contracts Total Special Contracts	18,504	-	1,256,570	1,256,570	693,080	693,080	167,918	525,162	731,408	7
8	Total Retail sales subject to fuel clause adjustment	365,141	13,123,736	26,011,950	12,888,214	(1,010,159)	(1,010,159)	1,686,829	(2,696,988)	15,585,202 *	8
9	Total Retail sales not subject to fuel clause adjustment	-	-	-	-	-	-	-	-	-	9
10	Sales for resale (Municipals)	-	-	-	-	-	-	-	-	-	10
11	Total Sales	365,141	-	-	-	-	-	-	-	-	11

\* Credit balance represents an over recovery (credit to balance sheet, debit to revenues) and a debit balance represents an under recovery (debit to balance sheet, credit to revenues).

**CENTERPOINT ENERGY INDIANA SOUTH**  
**Reconciliation of Actual Incremental Cost of Fuel**  
**Incurred to Applicable Incremental Retail Fuel Clause**  
**Revenues for January 2023**

Line No.	Class of Customers	KWH Sales (in 000's)	Base cost of fuel recovered in rates	Actual cost of fuel incurred	Actual incremental cost of fuel incurred	Actual incremental cost of fuel billed including gross receipts tax	Actual incremental cost of fuel billed excluding gross receipts tax	Fuel cost Variance from Cause No. 38708 FAC 136	Incremental fuel clause revenues to be reconciled with actual incremental cost of fuel incurred	Fuel cost Variance	Line No.
1	RS, B, SGS, OSS, OL, SL	134,365	5,145,506	5,443,931	298,425	(542,969)	(542,969)	244,451	(787,420)	1,085,845	1
2	DGS	72,228	2,764,558	2,923,655	159,097	(290,935)	(290,935)	445,408	(736,343)	895,440	2
3	LP	103,841	3,854,921	4,006,198	151,277	(391,482)	(391,482)	798,210	(1,189,692)	1,340,969	3
4	HLF	6,798	243,929	248,433	4,504	(23,671)	(23,671)	30,840	(54,511)	59,015	4
5		-	-	-	-	-	-	-	-	-	5
6	Subtotal	317,233	12,008,914	12,622,217	613,303	(1,249,057)	(1,249,057)	1,518,909	(2,767,966)	3,381,269	6
7	Special Contracts Total Special Contracts	19,872	-	709,570	709,570	632,592	632,592	68,605	563,987	145,583	7
8	Total Retail sales subject to fuel clause adjustment	337,105	12,008,914	13,331,787	1,322,873	(616,465)	(616,465)	1,587,514	(2,203,979)	3,526,852 *	8
9	Total Retail sales not subject to fuel clause adjustment	48									9
10	Sales for resale (Municipals)	-									10
11	Total Sales	337,153									11

\* Credit balance represents an over recovery (credit to balance sheet, debit to revenues) and a debit balance represents an under recovery (debit to balance sheet, credit to revenues).

**CENTERPOINT ENERGY INDIANA SOUTH**  
**Reconciliation of Actual Incremental Cost of Fuel**  
**Incurred to Applicable Incremental Retail Fuel Clause**  
**Revenues for February 2023**

Line No.	Class of Customers	KWH Sales (in 000's)	Base cost of fuel recovered in rates	Actual cost of fuel incurred	Actual incremental cost of fuel incurred	Actual incremental cost of fuel billed including gross receipts tax	Actual incremental cost of fuel billed excluding gross receipts tax	Fuel cost Variance from Cause No. 38708 FAC 137	Incremental fuel clause revenues to be reconciled with actual incremental cost of fuel incurred	Fuel cost Variance	Line No.
1	RS, B, SGS, OSS, OL, SL	105,753	4,049,823	3,779,623	(270,200)	968,700	968,700	2,048,728	(1,080,028)	809,828	1
2	DGS	57,894	2,215,902	2,068,834	(147,068)	530,828	530,828	1,493,114	(962,286)	815,218	2
3	LP	137,426	5,101,685	4,876,829	(224,856)	1,246,315	1,246,315	2,336,364	(1,090,049)	865,193	3
4	HLF	4,992	179,125	175,843	(3,282)	44,778	44,778	94,044	(49,266)	45,984	4
5		-	-	-	-	-	-	-	-	-	5
6	Subtotal	306,065	11,546,535	10,901,129	(645,406)	2,790,621	2,790,621	5,972,250	(3,181,629)	2,536,223	6
7	Special Contracts Total Special Contracts	19,296	-	684,506	684,506	754,368	754,368	227,722	526,646	157,860	7
8	Total Retail sales subject to fuel clause adjustment	325,361	11,546,535	11,585,635	39,100	3,544,989	3,544,989	6,199,972	(2,654,983)	2,694,083 *	8
9	Total Retail sales not subject to fuel clause adjustment	-	-	-	-	-	-	-	-	-	9
10	Sales for resale (Municipals)	-	-	-	-	-	-	-	-	-	10
11	Total Sales	325,361	-	-	-	-	-	-	-	-	11

\* Credit balance represents an over recovery (credit to balance sheet, debit to revenues) and a debit balance represents an under recovery (debit to balance sheet, credit to revenues).

**CENTERPOINT ENERGY INDIANA SOUTH**  
**Comparison of Actual and Estimated Cost of Fuel**  
**Reconciliation of December 2022**

Line No.	Description	December 2022		Line No.
	<b>kWh Source (000's)</b>	Actual	Forecast	
1	Steam Generation	346,979	442,105	1
2	Nuclear Generation	-	-	2
3	Hydro Generation	-	-	3
4	Solar Generation	3,039	3,600	4
5	Other Generation	17,881	3,300	5
6	Purchases Through MISO	55,150	65	6
7	Purchased Power Other than MISO	42,668	36,643	7
8	Purchased Power for Other Systems	-	-	8
9	Interchange Power-In	782,973	-	9
10	Interchange Power-Out	774,483	-	10
	Less:		-	
11	Inter-System Sales Through MISO	85,470	84,266	11
12	Inter-System Sales Other Than MISO			12
13	Energy Losses and Company Use	-	-	13
14	Retail - Back-up Sales	-	-	14
15	Supply (S)	<u>388,738</u>	<u>401,447</u>	15
	<b>Fuel Cost (\$)</b>			
16	Steam Generation	\$ 10,496,966	\$ 13,275,838	16
17	Nuclear Generation	-	-	17
18	Hydro Generation	-	-	18
19	Solar Generation	-	-	19
20	Excess Distributed Generation	-	-	20
21	Other Generation	1,458,167	210,293	21
22	Purchases Through MISO	9,529,296	6,305	22
23	MISO Components of Cost of Fuel	5,309,337	22,977	23
24	Purchased Power Other than MISO	2,061,353	1,963,542	24
	Less:			
25	Inter-System Sales Through MISO	2,843,203	3,081,750	25
26	Inter-System Sales Other Than MISO	-	-	26
27	Transmission Losses	-	-	27
28	Retail - Back-up Sales	-	-	28
29	Retail Portion of Coal Deferral Amortization	-	-	29
30	Total Fuel Costs (F)	<u>\$ 26,011,916</u>	<u>\$ 12,397,205</u>	30
31	F ÷ S (Mills/kWh)	<u>66.914</u>	<u>30.881</u>	31
32	Weighted Average Deviation	<u>-53.85%</u>		32

**CENTERPOINT ENERGY INDIANA SOUTH**  
**Comparison of Actual and Estimated Cost of Fuel**  
**Reconciliation of January 2023**

Line No.	Description	January 2023		Line No.
	<b>kWh Source (000's)</b>	Actual	Forecast	
1	Steam Generation	348,606	626,520	1
2	Nuclear Generation	-	-	2
3	Hydro Generation	-	-	3
4	Solar Generation	3,059	3,300	4
5	Other Generation	3,453	3,100	5
6	Purchases Through MISO	29,711	61	6
7	Purchased Power Other than MISO	36,676	37,461	7
8	Purchased Power for Other Systems	-	-	8
9	Interchange Power-In	591,533	-	9
10	Interchange Power-Out	584,036	-	10
	Less:		-	
11	Inter-System Sales Through MISO	50,036	252,430	11
12	Inter-System Sales Other Than MISO			12
13	Energy Losses and Company Use	-	-	13
14	Retail - Back-up Sales	48		14
15	Supply (S)	<u>378,919</u>	<u>418,011</u>	15
	<b>Fuel Cost (\$)</b>			
16	Steam Generation	\$ 11,564,445	\$ 17,468,743	16
17	Nuclear Generation	-	-	17
18	Hydro Generation	-	-	18
19	Solar Generation	-	-	19
20	Excess Distributed Generation	-	-	20
21	Other Generation	688,799	325,526	21
22	Purchases Through MISO	1,096,222	6,623	22
23	MISO Components of Cost of Fuel	(331,375)	21,478	23
24	Purchased Power Other than MISO	1,848,108	2,176,000	24
	Less:			
25	Inter-System Sales Through MISO	1,532,351	10,670,025	25
26	Inter-System Sales Other Than MISO	-	-	26
27	Transmission Losses	-	-	27
28	Retail - Back-up Sales	2,159	-	28
29	Retail Portion of Coal Deferral Amortization	-	-	29
30	Total Fuel Costs (F)	<u>\$ 13,331,689</u>	<u>\$ 9,328,345</u>	30
31	F ÷ S (Mills/kWh)	<u>35.183</u>	<u>22.316</u>	31
32	Weighted Average Deviation	<u>-36.57%</u>		32

**CENTERPOINT ENERGY INDIANA SOUTH**  
**Comparison of Actual and Estimated Cost of Fuel**  
**Reconciliation of February 2023**

Line No.	Description	February 2023		Line No.
	<b>kWh Source (000's)</b>	Actual	Forecast	
1	Steam Generation	273,205	536,685	1
2	Nuclear Generation	-	-	2
3	Hydro Generation	-	-	3
4	Solar Generation	5,118	4,600	4
5	Other Generation	1,301	4,200	5
6	Purchases Through MISO	27,839	-	6
7	Purchased Power Other than MISO	34,951	34,367	7
8	Purchased Power for Other Systems	-	-	8
9	Interchange Power-In	607,994		9
10	Interchange Power-Out	600,539		10
	Less:		-	
11	Inter-System Sales Through MISO	18,467	206,813	11
12	Inter-System Sales Other Than MISO		-	12
13	Energy Losses and Company Use	-	-	13
14	Retail - Back-up Sales	-	-	14
15	Supply (S)	<u>331,403</u>	<u>373,039</u>	15
	<b>Fuel Cost (\$)</b>			
16	Steam Generation	\$ 8,968,935	\$ 15,122,476	16
17	Nuclear Generation	-	-	17
18	Hydro Generation	-	-	18
19	Solar Generation	-	-	19
20	Excess Distributed Generation	-	-	20
21	Other Generation	19,096	353,144	21
22	Purchases Through MISO	645,045	-	22
23	MISO Components of Cost of Fuel	50,115	-	23
24	Purchased Power Other than MISO	2,541,571	1,954,050	24
	Less:			
25	Inter-System Sales Through MISO	639,236	7,701,952	25
26	Inter-System Sales Other Than MISO	-	-	26
27	Transmission Losses	-	-	27
28	Retail - Back-up Sales	-	-	28
29	Retail Portion of Coal Deferral Amortization	-	-	29
30	Total Fuel Costs (F)	<u>\$ 11,585,526</u>	<u>\$ 9,727,718</u>	30
31	F ÷ S (Mills/kWh)	<u>34.959</u>	<u>26.077</u>	31
32	Weighted Average Deviation	<u>-25.41%</u>		32

**CENTERPOINT ENERGY INDIANA SOUTH**  
**Comparison of Actual and Estimated Cost of Fuel**  
**Reconciliation of December 2022 and January and February 2023**

Line No.	Description	Total		Line No.
	<b>kWh Source (000's)</b>	Actual	Forecast	
1	Steam Generation	968,790	1,605,310	1
2	Nuclear Generation	-	-	2
3	Hydro Generation	-	-	3
4	Solar Generation	11,216	11,500	4
5	Other Generation	22,635	10,600	5
6	Purchases Through MISO	112,701	126	6
7	Purchased Power Other than MISO	114,295	108,471	7
8	Purchased Power for Other Systems	-	-	8
9	Interchange Power-In	1,982,500	-	9
10	Interchange Power-Out	1,959,057	-	10
	Less:	-	-	
11	Inter-System Sales Through MISO	153,973	543,509	11
12	Inter-System Sales Other Than MISO	-	-	12
13	Energy Losses and Company Use	-	-	13
14	Retail - Back-up Sales	48	-	14
15	Supply (S)	<u>1,099,059</u>	<u>1,192,498</u>	15
	<b>Fuel Cost (\$)</b>			
16	Steam Generation	\$ 31,030,346	\$ 45,867,057	16
17	Nuclear Generation	-	-	17
18	Hydro Generation	-	-	18
19	Solar Generation	-	-	19
20	Excess Distributed Generation	-	-	20
21	Other Generation	2,166,062	888,963	21
22	Purchases Through MISO	11,270,563	12,928	22
23	MISO Components of Cost of Fuel	5,028,077	44,455	23
24	Purchased Power Other than MISO	6,451,032	6,093,592	24
	Less:			
25	Inter-System Sales Through MISO	5,014,790	21,453,727	25
26	Inter-System Sales Other Than MISO	-	-	26
27	Transmission Losses	-	-	27
28	Retail - Back-up Sales	2,159	-	28
29	Retail Portion of Coal Deferral Amortization	-	-	29
30	Total Fuel Costs (F)	<u>\$ 50,929,131</u>	<u>\$ 31,453,268</u>	30
31	F ÷ S (Mills/kWh)	<u>46.339</u>	<u>26.376</u>	31
32	Weighted Average Deviation	<u>-43.08%</u>		32

**CENTERPOINT ENERGY INDIANA SOUTH**  
**MISO Charges by Month by Charge Type**  
**Reconciliation of December 2022 and January and February 2023**

Line No.	Charge Type	Actual December 2022	Actual January 2023	Actual February 2023	Line No.
1	Day Ahead Market Administration Amount	\$ 58,240.78	\$ 57,125.86	\$ 64,696.38	1
2	Day Ahead Regulation Amount	(1,965.66)	(16,860.14)	(42,905.82)	2
3	Day Ahead Spinning Reserve Amount	(3,886.88)	(8,580.15)	(18,921.78)	3
4	Day Ahead Supplemental Reserve Amount	(17.10)	(53.91)	(16.75)	4
5	Day Ahead Asset Energy Amount	(3,747,966.59)	(1,744,505.42)	137,393.43	5
6	Day Ahead Financial Bilateral Transaction Congestion Amount	728.05	(3,799.67)	84.04	6
7	Day Ahead Financial Bilateral Transaction Loss Amount	(8,006.82)	(5,016.07)	(1,404.47)	7
8	Day Ahead Short-Term Reserve Amount	(1,475.63)	(2,683.06)	(1,719.41)	8
9	Day Ahead Congestion Rebate on Carve-Out Grandfathered Agrmnts	-	-	-	9
10	Day Ahead Losses Rebate on Carve-Out Grandfathered Agrmnts	-	-	-	10
11	Day Ahead Congestion Rebate on Option B Grandfathered Agrmnts	-	-	-	11
12	Day Ahead Losses Rebate on Option B Grandfathered Agrmnts	-	-	-	12
13	Day Ahead Non-Asset Energy Amount	653,530.11	441,153.42	193,625.62	13
14	Day Ahead Ramp Capability Amount	(1,615.78)	(109.81)	(226.33)	14
15	Day Ahead Revenue Sufficiency Guarantee Distribution Amount	11,894.21	10,081.25	8,052.62	15
16	Day Ahead Revenue Sufficiency Guarantee Make Whole Payment Amt	-	-	(202.57)	16
17	DA Sched. 24 Allocation Amount	11,130.21	9,059.26	8,463.94	17
18	Day Ahead Virtual Energy Amount	-	-	-	18
<b>Day Ahead Subtotal</b>		<u>\$ (3,029,411.10)</u>	<u>\$ (1,264,188.44)</u>	<u>\$ 346,918.90</u>	
19	Financial Transmission Rights Market Administration Amount	\$ -	\$ -	\$ -	19
20	Financial Transmission Rights Annual Transaction Amount	-	-	-	20
21	Financial Transmission Rights Full Funding Guarantee Amount	-	1,296.12	-	21
22	Financial Transmission Guarantee Uplift Amount	-	(1,173.20)	-	22
23	Financial Transmission Rights Hourly Allocation Amount	-	-	-	23
24	Financial Transmission Rights Monthly Allocation Amount	-	-	-	24
25	Financial Transmission Rights Monthly Transaction Amount	-	-	-	25
26	Financial Transmission Rights Transaction Amount	-	-	-	26
27	Financial Transmission Rights Yearly Allocation Amount	-	(1,296.12)	-	27
<b>Financial Transmission Rights Subtotal</b>		<u>\$ -</u>	<u>\$ (1,173.20)</u>	<u>\$ -</u>	
28	Auction Revenue Rights Transaction Amount	\$ (58,627.51)	\$ (58,627.51)	\$ (58,627.51)	28
29	Auction Revenue Rights Infeasible Uplift Amount	10,444.53	10,442.96	10,441.94	29
30	Auction Revenue Rights Stage 2 Distribution Amount	(98,523.97)	(98,523.97)	(98,523.97)	30
<b>Auction Revenue Rights Subtotal</b>		<u>\$ (146,706.95)</u>	<u>\$ (146,708.52)</u>	<u>\$ (146,709.54)</u>	
31	Real Time Market Administration Amount	\$ 10,422.83	\$ 6,900.82	\$ 7,186.49	31
32	Contingency Reserve Deployment Failure Charge Amount	-	-	-	32
33	Short-Term Reserve Deployment Failure Charge Amount	-	-	-	33
34	Excessive Energy Amount	(1,678.55)	(6,052.19)	(6,220.66)	34
35	Real Time Excessive Deficient Energy Deployment Charge Amount	6,876.94	5,720.11	16,355.85	35
36	Net Regulation Adjustment Amount	1,605.28	(140.63)	87.42	36
37	Non-Excessive Energy Amount	14,950,368.13	972,968.81	435,478.78	37
38	Real Time Regulation Amount	4,196.39	5,926.83	20,742.94	38
39	Regulation Cost Distribution Amount	5,134.99	17,131.22	12,645.27	39
40	Real Time Spinning Reserve Amount	(4,122.56)	(3,629.23)	490.14	40
41	Spinning Reserve Cost Distribution Amount	18,867.37	11,994.66	6,661.60	41
42	Real Time Supplemental Reserve Amount	(1,256.85)	(266.90)	1.63	42
43	Supplemental Reserve Cost Distribution Amount	(3,862.88)	4,369.32	1,470.86	43
44	Real Time Asset Energy Amount	(1,379,525.43)	(82,649.09)	(287,505.16)	44
45	Real Time Demand Response Allocation Uplift Charge	(6.37)	2,378.64	760.45	45
46	Real Time Financial Bilateral Transaction Congestion Amount	(4,297.10)	(259.66)	(720.22)	46
47	Real Time Financial Bilateral Transaction Loss Amount	(9,570.53)	(1,169.99)	(746.07)	47
48	Real Time Congestion Rebate on Carve-Out Grandfathered Agrmnts	-	-	-	48
49	Real Time Losses Rebate on Carve-Out Grandfathered Agrmnts	-	-	-	49
50	Real-Time Short-Term Reserve Amount	1,768.07	(743.99)	36.88	50
51	Short-Term Reserve Cost Distribution Amount	(12,409.41)	9,873.38	1,884.71	51
52	Real Time Distribution of Losses Amount	(57,653.70)	(91,966.56)	(31,631.31)	52
53	Real Time Miscellaneous Amount	12,036.12	5,730.32	(45,312.64)	53
54	Real Time MVP Distribution Amount	(3,807.45)	(23,098.12)	(23,373.67)	54
55	Real Time Non-Asset Energy Amount	(403,740.07)	(397,587.02)	(164,469.17)	55
56	Real Time Net Inadvertent Distribution Amount	58,466.10	(23,769.41)	(15,570.67)	56
57	Real Time Price Volatility Make Whole Payment Amt	(7,061.36)	(5,009.32)	(8,819.09)	57
58	Real Time Resource Adequacy Auction Amount	(422,685.31)	(419,538.32)	(378,210.56)	58
59	Real Time Ramp Capability Amount	(344.72)	(696.13)	(1,292.13)	59
60	Real Time Revenue Neutrality Uplift Amount	(614,799.80)	498,990.17	14,787.49	60
61	Real Time Revenue Sufficiency Guarantee First Pass Dist Amount	372,336.26	97,739.45	7,355.78	61
62	Real Time Revenue Sufficiency Guarantee Make Whole Payment Amt	(193,475.51)	(69,028.29)	-	62
63	Real Time Schedule 24 Allocation Amount	1,598.65	1,075.01	940.64	63
64	Real Time Schedule 24 Distribution Amount	394.86	-	-	64
65	Real Time Schedule 49 Cost Distribution Amount	14,843.33	12,451.28	45,953.78	65
66	Real Time Uninstructed Deviation Amount	-	-	-	66
67	Real Time Virtual Energy Amount	-	-	-	67
<b>Real Time Subtotal</b>		<u>\$ 12,338,617.71</u>	<u>\$ 527,645.17</u>	<u>\$ (391,030.64)</u>	
68	<b>Grand Total</b>	<u>\$ 9,162,499.66</u>	<u>\$ (884,424.99)</u>	<u>\$ (190,821.27)</u>	68

**CENTERPOINT ENERGY INDIANA SOUTH**  
**Statement showing actual cost of fuel per kWh by Month**  
**For the period March 2019 through February 2023**

<b>MONTHS</b>		<b>Mills/kWh</b>
March	<b>2019</b>	28.991
April		28.693
May		28.448
June		27.533
July		25.998
August		26.539
September		26.291
October		28.829
November		28.011
December		28.896
January	<b>2020</b>	26.646
February		26.672
March		26.041
April		26.045
May		26.714
June		25.925
July		25.437
August		24.932
September		24.619
October		26.318
November		30.687
December		27.405
January	<b>2021</b>	27.194
February		26.828
March		30.896
April		30.087
May		26.700
June		27.332
July		26.960
August		27.180
September		27.722
October		28.672
November		32.950
December		34.564
January	<b>2022</b>	30.303
February		28.775
March		29.605
April		36.817
May		31.429
June		37.701
July		42.010
August		43.217
September		46.797
October		36.463
November		33.552
December		66.914
January	<b>2023</b>	35.183
February		34.959

**CENTERPOINT ENERGY INDIANA SOUTH**  
**Percentage Change in Rate**

Line No.	Rate Class	(A)	(B)	(C)
		Total Rate Proposed (\$/kWh)	Total Rate Current (\$/kWh) [1]	% Change [2]
1	RS, B, SGS, OSS, SL, OL	\$ 0.012693	\$ 0.001434	785.15%
2	DGS	\$ 0.012691	\$ 0.001441	780.71%
3	LP	\$ 0.012495	\$ 0.001561	700.45%
4	HLF	\$ 0.012291	\$ 0.001692	626.42%
5	Special Contract	\$ 0.030183	\$ 0.027609	9.32%

[1] Per Cause No. 38078 FAC 138, Petitioner's Exhibit No. 2, Attachment RMW-2, Schedule 1, Line 36

[2] Column C = (Column A - Column B) ÷ Column B