

FILED
October 21, 2020
INDIANA UTILITY
REGULATORY COMMISSION

STATE OF INDIANA

INDIANA UTILITY REGULATORY COMMISSION

APPLICATION OF INDIANAPOLIS POWER & LIGHT)	
COMPANY FOR APPROVAL OF A FUEL COST)	
FACTOR FOR ELECTRIC SERVICE DURING THE)	
BILLING MONTHS OF DECEMBER 2020 THROUGH)	
FEBRUARY 2021, IN ACCORDANCE WITH THE)	CAUSE NO. 38703
PROVISIONS OF I.C. 8-1-2-42, AND CONTINUED USE)	FAC-129 HIRC
OF RATEMAKING TREATMENT FOR COSTS OF)	DIDIC'S
WIND POWER PURCHASES PURSUANT TO CAUSE)	PUBLIC 3
NOS. 43485 AND 43740.)	EXMIBIT NO.
		11-12 REPORTER
		DAIE

INDIANA OFFICE OF UTILITY CONSUMER COUNSELOR

PUBLIC'S EXHIBIT NO. 2

TESTIMONY OF OUCC WITNESS MICHAEL D. ECKERT

October 21, 2020

Respectfully Submitted,

Lorraine Hitz-Bradley

Attorney No. 18006-29

Deputy Consumer Counselor

TESTIMONY OF OUCC WITNESS MICHAEL D. ECKERT CAUSE NO. 38703 FAC-129 <u>INDIANAPOLIS POWER & LIGHT</u>

I. <u>INTRODUCTION</u>

1	Q:	Please state your name, business address, and employment capacity.
2	A:	My name is Michael D. Eckert, and my business address is 115 W. Washington
3		St., Suite 1500 South, Indianapolis, Indiana 46204. I am employed by the Indiana
4		Office of Utility Consumer Counselor ("OUCC") as Assistant Director of the
5		Electric Division. My qualifications are set forth in Appendix A of this document.
6 7	Q:	Have you previously testified before the Indiana Utility Regulatory Commission ("Commission")?
8	A:	Yes.
9	Q:	What is the purpose of your testimony in this cause?
10	A:	I discuss the following aspects of Indianapolis Power & Light's ("IPL")
11		application: 1) purchased power benchmark agreement approved in Cause No.
12		43414; 2) Ancillary Services Market ("ASM"); 3) bill analysis; 4) steam
13		generation cost comparison; 5) actual cost of fuel (Mills/kWh) comparison; 6)
14		coal contract analysis; 7) coal inventory; 8) Lakefield Wind Park ("Lakefield")
15		and Hoosier Wind Power Project LLC ("Hoosier"); 9) coal price decrement; 10)
16		IPL Petersburg Generating Station run status; and 11) unit commitment status.
17		Ultimately, the OUCC recommends the Commission require IPL to update the
18		Commission in its next FAC filing on its current coal inventory situation (as
19		further described in my testimony below). The OUCC further recommends the

1 Commission approve IPL's proposed fuel cost factors as recalculated and 2 confirmed by OUCC witness Gregory T. Guerrettaz. 3 Q: Please describe the review and analysis you conducted in order to prepare 4 your testimony. 5 I read IPL's prefiled testimony and prefiled application in this proceeding, its A: 6 revised schedules, workpapers, and relevant Commission Orders. I also reviewed 7 IPL's responses to OUCC data requests ("DR") and pertinent sections of Title 8 8 of the Indiana Code and Title 170 of the Indiana Administrative Code. The OUCC 9 performed its field audit via conference call and Microsoft Teams on Monday, 10 October 19, 2020, due to the Coronavirus. I also participated in meetings with 11 other OUCC staff members and IPL personnel in developing issues identified in 12 this Cause.

II. PURCHASED POWER OVER THE BENCHMARK

13 Is the purchased power over the benchmark treatment controlled by the **O**: 14 Commission's Cause No. 43414 Order? 15 A: Yes. On April 23, 2008, the Commission issued its Cause No. 43414 Final Order 16 approving a joint Settlement Agreement and ordering IPL and Vectren South to 17 file testimony in each FAC regarding any purchased power, including the volume, 18 cost, and reasons for purchases. The Settlement Agreement provides a mechanism 19 by which IPL may recover purchased power costs that exceed the benchmark. 20 After reviewing the Cause No. 43414 Settlement Agreement and IPL's testimony 21 and workpapers in the current proceeding, it is my opinion IPL followed the 22 guidelines and procedures that were established in Cause No. 43414.

2	Q:	purchased power costs that exceed the benchmark correctly?
3	A:	Yes. I also reviewed IPL's daily plant logs for the generating stations that were
4		off-line on the days IPL incurred purchased power over the benchmark.
5 6	Q:	How does your calculation of purchased power over the benchmark compare to IPL's calculation?
7	A:	I calculated the same amount of purchased power cost in excess of the benchmark
8		as IPL, following the procedures established in Cause No. 43414. IPL's purchased
9		power cost that exceeded the benchmark of \$167,492 is recoverable. Therefore,
10		the OUCC recommends the Commission allow IPL to recover \$167,492 in
11		purchased power over the benchmark.
		III. <u>ASM</u>
12 13	Q:	Is IPL's calculation of ASM charges consistent with the Commission's Cause No. 43426 Order?
14	A:	Yes. IPL's proposed ratemaking treatment for the ASM charge types is consistent
15		with the Commission's approved ratemaking treatment in its Cause No. 43426
16		Phase II Order, dated June 30, 2009.
17		IV. <u>BILL ANALYSIS</u>
18 19 20	Q:	Have you calculated the bill impact on a typical residential customer's bill using 1,000 kWhs at the proposed rate and compared that to the same typical customer's bill using the currently approved rate?
21	A:	Yes, I did, and I arrived at the same numbers as IPL witness Natalie Herr Coklow,
22		using IPL's original forecast. An average residential customer using 1,000 kWh
23		will experience a decrease of \$1.17 or 1.08%.

¹ See IPL's Exhibit DJ-2, Column labeled "Amount Above Daily Benchmark."

Have you calculated the bill impact on a typical residential customer's bill using 500, 1,000, 1,500, and 2,000 kWhs using the OUCC's proposed rate and then comparing it to the same typical customer's bill using the currently approved rate?

A: Yes, I did. Table 1 below demonstrates the comparison using the OUCC's

6 proposed rate.

Table 1 – OUCC's Proposed FAC														
Consumption	Bill at Proposed FAC	Bill at Current FAC	Dollar Inc/(Dec)	% Increase/ (Decrease)										
500	\$65.94	\$66.52	(\$0.58)	(0.87%)										
1,000	\$107.03	\$108.19	(\$1.17)	(1.07%)										
1,500	\$148.12	\$149.86	(\$1.74)	(1.16%)										
2,000	\$189.20	\$191.53	(\$2.32)	(1.21%)										

7 Q: What assumptions did you make in this calculation?

13

14

15

16

17

8 A: In making this calculation, I did not include any dollar amount for other trackers,
9 nor did I include taxes. Therefore, this calculation reflects the proposed change to
10 the FAC factor and IPL's base rates.

11 Q: Have you provided a calculation of a typical customer's bill using 1,000 kWh in October 2020?

A: Yes. See Attachment MDE-4. A typical residential customer using 1,000 kWh in October 2020 will pay \$112.65, excluding taxes. This amount consists of \$115.60 in base charges that were set in IPL's last rate case (Cause No. 45029), (\$7.41) in FAC charges, and \$4.46 in non-FAC tracker charges (DSM, ECR, Capacity, OSS, & RTO).

V. <u>STEAM GENERATION COST COMPARISON</u>

4 electric IOUs (See Attachment MDE-1). VI. ACTUAL COST OF FUEL (MILLS/KWH) COMPARISON 5 Q: Did you do a comparison of the actual monthly cost of fuel (Mills/kWh) the five Indiana electric IOUs? 7 A: Yes. IPL's actual monthly cost of fuel (including wind and solar) (mills/kWh) comparable to the other Indiana electric IOUs (see Attachment MDE-2). VII. COAL CONTRACTS 9 Q: Did you prepare a schedule that shows the timelines associated with each IPL's coal contracts? 11 A: Yes, I did. The timeline shows contract expiration dates by coal mine 12 Attachment MDE-3). VIII. LAKEFIELD AND HOOSIER 13 Q: Did IPL update the Commission on locational marginal prices ("LMPs" Lakefield and Hoosier wind farms? 14 Yes. IPL witness David Jackson provided testimony on this issue. ² IPL of	1 2	Q:	Did you do a comparison of steam generation costs for Indiana's five electric investor-owned utilities ("IOUs")?
VI. ACTUAL COST OF FUEL (MILLS/KWH) COMPARISON Or Did you do a comparison of the actual monthly cost of fuel (Mills/kWh) the five Indiana electric IOUs? A: Yes. IPL's actual monthly cost of fuel (including wind and solar) (mills/kWh) comparable to the other Indiana electric IOUs (see Attachment MDE-2). VII. COAL CONTRACTS Did you prepare a schedule that shows the timelines associated with each IPL's coal contracts? Yes, I did. The timeline shows contract expiration dates by coal mine Attachment MDE-3). VIII. LAKEFIELD AND HOOSIER O: Did IPL update the Commission on locational marginal prices ("LMPs" Lakefield and Hoosier wind farms? Yes. IPL witness David Jackson provided testimony on this issue. IPL of Lakefield and Hoosier into the day-ahead market to mitigate the impact	3	A:	Yes, I did. IPL's steam generation costs are comparable to the other Indiana
Did you do a comparison of the actual monthly cost of fuel (Mills/kWh) the five Indiana electric IOUs? Yes. IPL's actual monthly cost of fuel (including wind and solar) (mills/kWh) comparable to the other Indiana electric IOUs (see Attachment MDE-2). VII. COAL CONTRACTS Did you prepare a schedule that shows the timelines associated with each IPL's coal contracts? Yes, I did. The timeline shows contract expiration dates by coal mine Attachment MDE-3). VIII. LAKEFIELD AND HOOSIER Did IPL update the Commission on locational marginal prices ("LMPs" Lakefield and Hoosier wind farms? Yes. IPL witness David Jackson provided testimony on this issue. IPL of Lakefield and Hoosier into the day-ahead market to mitigate the impact	4		electric IOUs (See Attachment MDE-1).
the five Indiana electric IOUs? Yes. IPL's actual monthly cost of fuel (including wind and solar) (mills/kWF comparable to the other Indiana electric IOUs (see Attachment MDE-2). VII. COAL CONTRACTS Did you prepare a schedule that shows the timelines associated with each IPL's coal contracts? A: Yes, I did. The timeline shows contract expiration dates by coal mine Attachment MDE-3). VIII. LAKEFIELD AND HOOSIER Did IPL update the Commission on locational marginal prices ("LMPs" Lakefield and Hoosier wind farms? A: Yes. IPL witness David Jackson provided testimony on this issue. IPL of Lakefield and Hoosier into the day-ahead market to mitigate the impact			VI. ACTUAL COST OF FUEL (MILLS/KWH) COMPARISON
comparable to the other Indiana electric IOUs (see Attachment MDE-2). VII. COAL CONTRACTS 9 Q: Did you prepare a schedule that shows the timelines associated with each IPL's coal contracts? 11 A: Yes, I did. The timeline shows contract expiration dates by coal mine Attachment MDE-3). VIII. LAKEFIELD AND HOOSIER 13 Q: Did IPL update the Commission on locational marginal prices ("LMPs" Lakefield and Hoosier wind farms? 14 A: Yes. IPL witness David Jackson provided testimony on this issue. IPL of Lakefield and Hoosier into the day-ahead market to mitigate the impact		Q:	Did you do a comparison of the actual monthly cost of fuel (Mills/kWh) for the five Indiana electric IOUs?
VII. COAL CONTRACTS 9 Q: Did you prepare a schedule that shows the timelines associated with each IPL's coal contracts? 11 A: Yes, I did. The timeline shows contract expiration dates by coal mine Attachment MDE-3). VIII. LAKEFIELD AND HOOSIER 13 Q: Did IPL update the Commission on locational marginal prices ("LMPs" Lakefield and Hoosier wind farms? 14 Yes. IPL witness David Jackson provided testimony on this issue. IPL of Lakefield and Hoosier into the day-ahead market to mitigate the impact	7	A:	Yes. IPL's actual monthly cost of fuel (including wind and solar) (mills/kWh) is
9 Q: Did you prepare a schedule that shows the timelines associated with each IPL's coal contracts? 11 A: Yes, I did. The timeline shows contract expiration dates by coal mine Attachment MDE-3). VIII. LAKEFIELD AND HOOSIER 13 Q: Did IPL update the Commission on locational marginal prices ("LMPs" Lakefield and Hoosier wind farms? 14 Yes. IPL witness David Jackson provided testimony on this issue. IPL of Lakefield and Hoosier into the day-ahead market to mitigate the impact	8		comparable to the other Indiana electric IOUs (see Attachment MDE-2).
10 IPL's coal contracts? 11 A: Yes, I did. The timeline shows contract expiration dates by coal mine 12 Attachment MDE-3). VIII. LAKEFIELD AND HOOSIER 13 Q: Did IPL update the Commission on locational marginal prices ("LMPs" Lakefield and Hoosier wind farms? 14 Yes. IPL witness David Jackson provided testimony on this issue. IPL of 16 Lakefield and Hoosier into the day-ahead market to mitigate the impact			VII. <u>COAL CONTRACTS</u>
12 Attachment MDE-3). VIII. LAKEFIELD AND HOOSIER 13 Q: Did IPL update the Commission on locational marginal prices ("LMPs" Lakefield and Hoosier wind farms? 14 Yes. IPL witness David Jackson provided testimony on this issue. ² IPL of Lakefield and Hoosier into the day-ahead market to mitigate the impact		Q:	Did you prepare a schedule that shows the timelines associated with each of IPL's coal contracts?
VIII. LAKEFIELD AND HOOSIER 13 Q: Did IPL update the Commission on locational marginal prices ("LMPs" Lakefield and Hoosier wind farms? 15 A: Yes. IPL witness David Jackson provided testimony on this issue. ² IPL of Lakefield and Hoosier into the day-ahead market to mitigate the impact	11	A:	Yes, I did. The timeline shows contract expiration dates by coal mine (see
13 Q: Did IPL update the Commission on locational marginal prices ("LMPs" Lakefield and Hoosier wind farms? 15 A: Yes. IPL witness David Jackson provided testimony on this issue. ² IPL of Lakefield and Hoosier into the day-ahead market to mitigate the impact	12		Attachment MDE-3).
Lakefield and Hoosier wind farms? Yes. IPL witness David Jackson provided testimony on this issue. ² IPL of Lakefield and Hoosier into the day-ahead market to mitigate the impact			VIII. <u>LAKEFIELD AND HOOSIER</u>
Lakefield and Hoosier into the day-ahead market to mitigate the impact		Q:	Did IPL update the Commission on locational marginal prices ("LMPs") at Lakefield and Hoosier wind farms?
	15	A:	Yes. IPL witness David Jackson provided testimony on this issue. ² IPL offers
17 negative LMPs in real-time.	16		Lakefield and Hoosier into the day-ahead market to mitigate the impact of
	17		negative LMPs in real-time.

² See IPL's Witness Jackson's testimony, pp. 13-14.

IX. PETERSBURG GENERATING STATION

- O: Did IPL provide an update the commitment of the Petersburg Generating Station Units?
- 3 A: Yes. IPL witness David Jackson provided fifteen (15) pages of testimony updating the Commission on Petersburg's status.³
- What is the status of the Petersburg Units and when were they last called on by MISO to produce power?
- A: As of October 19, 2020, the status of the Peterburg Units and the last time MISO called on each of the Petersburg units is shown below:

Generating Units	Last Date Called on by MISO	Online/Offline	Offer Status
Petersburg Unit 1	September 14, 2020	Offline	Economics
Petersburg Unit 2	October 19, 2020	Online	Must Run
Petersburg Unit 3	September 17, 2020	Offline	Planned Outage
Petersburg Unit 4	October 19, 2020	Online	Must Run

- 9 Q: Should IPL continue to update the Commission on the IPL Petersburg Units commitment status?
- 11 A: Yes.

X. COAL INVENTORY

- 12 Q: What is IPL's current coal inventory situation?
- 13 A: IPL's current coal inventory is above IPL's target levels (25-50 days). This
- increase is attributable to 1) lower natural gas prices; 2) lower purchase power
- prices; 3) mild weather; 4) decreased demand; and 5) the Coronavirus.

³ See IPL's Witness Jackson's testimony, pp. 14-28.

1	Q:	Is IPL actively trying to manage its coal purchases and coal inventory?
2	A:	Yes. IPL indicated in discussions with the OUCC that it is actively looking at
3		options ⁴ to address its increasing coal inventory.
4	Q:	Should IPL update the Commission on its coal inventory?
5	A:	Yes. IPL should also update the Commission on its 2020 and 2021 projected coal
6		burn and coal purchases. The OUCC also recommends IPL update the
7		Commission on how it proposes to address its coal inventory if it reaches
8		maximum levels.
		XI. <u>HEDGING PROPOSAL</u>
9	Q:	Did IPL file the results of its natural gas hedging program?
10	A:	Yes. Mr. Jackson provided the results of its natural gas hedging program. IPL had
11		a net cost of \$5,625 for this FAC period, which occurred in July 2020. IPL did not
12		have any natural gas hedges in the months of May 2020 and June 2020.
13 14	Q:	Did IPL provide additional information regarding its natural gas hedging program?
15	A:	Yes. IPL provided additional information in the testimony of Mr. Jackson. IPL
16		also provided information at the FAC audit.
17 18	Q:	What does the OUCC recommend regarding IPL's natural gas hedging proposal?
19	A:	The OUCC recommends the Commission:
20 21		1) Require IPL to continue to file the results of its natural gas hedging program in each subsequent FAC; and
22 23		2) Require IPL to provide analysis of the facts and circumstances as they existed at the time the transactions at issue were entered into.

 $^{^4}$ See IPL's Witness Jackson's testimony, pp. 29-31.

XII. <u>UNIT COMMITMENT STATUS</u>

1	Q:	Does	the OUCC review IPL's unit commitment status during its FAC audit?
2	A:	Yes.	The OUCC generally reviews IPL's unit commitment status and Mr.
3		Guerr	rettaz's testimony details some of the analysis done by the OUCC during its
4		FAC	audit. In general, the OUCC's FAC audit process has focused more on the
5		cost c	of fuel and the cost of purchased power.
			XIII. <u>RECOMMENDATIONS</u>
6	Q:	What	t does the OUCC recommend in this proceeding?
7	A:	The C	OUCC recommends the Commission:
8 9		1)	Approve IPL's proposed fuel cost factor as recalculated and confirmed by Mr. Guerrettaz;
10 11		2)	Allow IPL to recover its total purchased power over the benchmark in the amount of \$167,492;
12		3)	Require IPL to continue to file the results of its natural gas hedging program in each FAC;
14 15		4)	Require IPL to provide analysis of the facts and circumstances as they existed at the time the hedging transactions were entered into;
16 17		5)	Require IPL to update the Commission on its 2020 and 2021 projected coal burn and coal purchases;
18 19 20		6)	Require IPL to provide the Commission information on how IPL proposes to address its coal inventory if it reaches maximum levels;
21 22		7)	Require IPL to update the Commission on the Petersburg Units' commitment status; and
23 24 25		8)	Require IPL to provide the inputs to its calculation of the coal price decrement, and the reasons for any use of decrement pricing, it implemented.
26	Q:	Does	this conclude your testimony?

27

A:

Yes, it does.

APPENDIX A

QUALIFICATIONS OF MICHAEL D. ECKERT

1 Q: Please describe your educational background and experience.

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

A:

I graduated from Purdue University in West Lafayette, Indiana in December 1986, with a Bachelor of Science degree, majoring in Accounting. I am licensed in the State of Indiana as a Certified Public Accountant. Upon graduation, I worked as a Field Auditor with the Audit Bureau of Circulation in Schaumburg, Illinois until October 1987. In December 1987, I accepted a position as a Staff Accountant with the OUCC. In May 1995, I was promoted to Principal Accountant and in December 1997, I was promoted to Assistant Chief Accountant. As part of the OUCC's reorganization, I accepted the position of Assistant Director of its Telecommunications Division in July 1999. From January 2000 through May 2000, I was the Acting Director of the Telecommunications Division. As part of an OUCC reorganization, I accepted a position as a Senior Utility Analyst. In September 2017 I was promoted to Assistant Director of the Electric Division. As part of my continuing education, I have attended the National Association of Regulatory Utility Commissioner's ("NARUC") two-week seminar in Lansing, Michigan. I attended NARUC's Spring 1993 and 1996 seminars on system of accounts. In addition, I attended several CPA sponsored courses and the Institute of Public Utilities Annual Conference in December 1994 and December 2000.

AFFIRMATION

I affirm, under the penalties for perjury, that the foregoing representations are true.

By: Michael D. Eckert

Assistant Director of the Electric Division Indiana Office of Utility Consumer Counselor

Cause No. 38703 FAC-129 Northern Indiana Public Service Company, LLC

Date: October 21, 2020

Indianapolis Power & Light Company Cause No. 38702 FAC - 129

Steam Generation Cost Comparison

	Year	Duke Energy	Michigan Power	Indianapoli s Power & Light	NIPSCO	Vectren South	Month	Year	Duke Energy	Indiana Michigan Power	Indianapoli s Power & Light	NIPSCO	Vectren South
January February March	2007 2007 2007	**	\$17.170 16.302 17.037	\$13.258 13.658 13.241	\$19.628 19.596 19.639	\$20.067 20.069 19.883	January February March	2014 2014 2014		25,529 27,393 23,107	24.550 24.538 23.463	29.414 32.326 31.978	28.097 28.048 27.154
April May June	2007 2007 2007		17.769 18.673 16.973	13.688 13.579 14.096	19.540 20.843 20.389	20.585 20.707 20.182	April May June	2014 2014 2014		26.567 28.489 27.603	24.278 24.487 23.021	29.116 29.296 28.575	28.722 26.666 27.346
July August August September	2007 2007 2007 2007		17.916 19.025 20.209	14.094 14.530 14.002	21.661 20.498 20.295	20.429 20.422 20.422 19.849	July August September	2014 2014 2014		26,952 27,390 21,997	23.416 28.445 30.773	27.969 28.231 28.230	26.762 25.763 26.197
October November December	2007 2007 2007		20.572 26.158 20.936	14.038 13.596 13.583	20.777 20.928 21.147	20.904 20.652 21.612	October November December	2014 2014 2014		25.738 26.728 25.605	32.170 24.532 23.527	27.248 28.011 26.574	26.417 25.478 26.039
January February March	2008 2008 2008		19.527 20.362 23.903	14.241 14.706 15.223	20.253 22.090 22.098	20.948 21.970 20.854	January February March	2015 2015 2015		27.191 26.269 22.549	23.497 24.232 24.195	25.752 25.913 25.525	27.287 26.293 26.750
April May June	2008 2008 2008		20.990 22.972 23.708	14.687 15.028 15.694	22.363 22.700 22.885	22.476 22.579 22.903	April May June	2015 2015 2015		22.438 25.270 27.006	23.437 23.325 25.561	24.555 25.308 26.773	26.463 25.994 26.904
July August September	2008 2008 2008		23.512 26.033 26.369	15.753 16.174 16.089	22.269 22.720 22.392	21.947 21.701 21.398	July August September	2015 2015 2015		26.312 24.397 17.891	23.672 23.601 23.741	26.544 27.554 26.131	26.387 25.480 26.280
October November December	2008 2008 2008		28.047 26.882 25.630	16.990 16.446 16.200	20.222 21.422 22.406	21.922 21.192 21.476	October November December	2015 2015 2015		25.405 24.520 26.001	23.667 23.089 28.690	26.135 29.840 22.179	26.346 27.464 29.998
January February March	2009 2009 2009		25.582 24.000 20.815	16.107 15.711 15.782	25.922 28.132 26.784	25.786 28.839 29.188	January February March	2016 2016 2016		26.382 24.782 12.691	22.756 24.789 23.912	29.902 29.464 29.439	28.590 28.292 29.261
April May June	2009 2009 2009		23.918 21.705 23.730	15.672 15.793 15.295	26.647 26.314 26.048	30.698 33.507 32.740	April May June	2016 2016 2016		24.150 24.981 25.364	23.508 23.653 22.978	29.110 28.551 25.862	27.242 27.164 26.213
July August September	2009 2009 2009		22.364 20.489 19.544	15.113 15.247 14.968	26.327 25.707 25.708	32.846 33.152 34.242	July August September	2016 2016 2016		25.592 26.126 26.854	24.093 23.881 23.757	26.559 25.866 26.956	26.252 26.767 25.976
October November December	2009 2009 2009		22.783 22.076 22.543	15.046 14.985 15.117	25.820 26.323 27.094	31.128 33.328 33.067	October November December	2016 2016 2016		25.295 26.251 25.324	25.603 23.529 24.034	27.421 27.415 26.265	25.344 27.014 26.114
January February March	2010 2010 2010		21.322 20.569 22.576	15.724 17.057 18.453	27.370 26.853 25.518	31.800 32.762 32.732	January February March	2017 2017 2017		24.234 25.272 18.832	23.289 23.028 21.687	26.796 26.318 27.503	25.785 26.177 25.618
April May June	2010 2010 2010		22.109 22.244 22.853	18.843 19.988 20.389	26.032 25.762 27.820	33.361 34.854 32.529	April May June	2017 2017 2017		24.427 24.615 24.941	23.770 23.800 22.189	28.401 29.785 28.828	26.435 25.270 24.834
July August September	2010 2010 2010		24.191 25.663 24.650	20.687 21.080 20.705	32.402 26.834 26.115	33.720 33.480 34.401	July August September	2017 2017 2017		24.333 24.583 24.531	22.378 23.027 23.494	27.586 26.420 25.583	25.042 25.339 26.558
October November December	2010 2010 2010		22.395 22.491 22.659	21.082 21.118 20.555	26.942 26.585 28.795	34.857 35.410 35.591	October November December	2017 2017 2017		20.555 24.661 23.847	24.385 23.090 23.840	24.418 27.061 25.733	26.092 26.360 26.961
January February March	2011 2011 2011		20.956 22.068 24.766	20.753 21.425 21.651	27.896 28.394 29.036	35.043 35.582 36.068	January February March	2018 2018 2018		23.180 25.057 20.209	22.415 22.815 22.083	26.382 28.280 26.959	26.764 26.907 26.656
April May June	2011 2011 2011		23.263 23.302 23.935	22.169 21.442 22.420	29.308 28.825 29.311	37.562 35.813 35.859	April May June	2018 2018 2018		24.048 23.933 25.669	21.120 22.590 21.705	27.127 24.337 24.064	25.571 26.095 26.096
July August September	2011 2011 2011		24.189 23.782 23.088	22.527 23.009 22.088	29.875 29.334 27.931	36.551 35.493 36.721	July August September	2018 2018 2018		25.526 24.755 26.052	21.817 22.268 21.867	25.030 27.141 26.613	25.669 25.227 25.425
October November December	2011 2011 2011		23.970 23.311 21.902	22.163 22.263 22.376	27.925 26.560 26.644	37.020 38.509 38.877	October November December	2018 2018 2018		18.367 24.338 25.841	21.395 23.050 21.380	26.252 25.631 24.654	25.825 25.805 26.225
January February March	2012 2012 2012		21.278 21.571 26.117	21.584 22.496 21.941	26.283 24.679 24.520	27.727 26.060 25.741	January February March	2019 2019 2019		27.252 28.353 22.088	21.678 21.415 22.505	26.527 27.631 25.570	26.319 26.192 24.653
April May June	2012 2012 2012		21.401 21.419 22.167	23.745 23.965 22.958	24.526 25.157 26.526	26.097 26.037 25.572	April May June	2019 2019 2019		26.536 27.450 28.017	21.771 22.668 21.700	24.720 24.365 24.427	24.620 24.981 25.731
July August September	2012 2012 2012		22,455 22,751 21,266	25.210 24.524 23.399	27.584 27.429 26.974	25.854 26.735 28.336	July August September	2019 2019 2019		25.638 26.093 26.601	20.550 20.107 20.371	24.218 23.645 23.086	24.456 24.936 24.475
October November December	2012 2012 2012		21.222 22.161 22.868	23.124 22.904 22.894	26.595 25.797 25.730	28.630 28.008 29.143	October November December	2019 2019 2019		26.979 27.029 27.624	19.891 20.701 19.249	24.856 24.098 23.921	25.012 24.902 25.989
January February March	2013 2013 2013		24.306 25.587 25.487	23.140 22.911 22.800	28.319 27.123 27.074	29.340 28.796 28.431	January February March	2020 2020 2020		39.156 27.154 15.799	20.278 19.399 18.525	24.143 25.026 25.307	24.714 25.625 26.131
April May June	2013 2013 2013		24.394 26.229 26.294	23.318 22.910 24.314	28.563 28.938 28.394	29.049 28.567 28.089	April May June	2020 2020 2020		25.067 27.314	(0.211) 37.614 19.931	26.145 30.549 27.363	27.705 26.225
July August September	2013 2013 2013		25.817 25.693 23.863	23.734 24.479 23.218	28.072 27.054 26.685	28.035 28.219 28.022	July August September	2020 2020 2020			19.821		
October November December	2013 2013 2013		26.216 25.848 26.081	23.472 23.232 24.007	26.844 27.822 27.499	27.719 28.231 28.142							

 $[\]begin{tabular}{ll} **** Information was obtained from the prefiled applications of the identified companies. \end{tabular}$

Indiampolis Power & Light Company Cause No. 38702 FAC - 129 Actual Cest of Fuel (MillsAWN) Comparison

AD AD #	338	8 8 8	28.8	107 108	88 S	880	99=	0	222	222	2 2 2	SE 25 25 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28	995	r- (- as	00 00 O1	9 9 9	885	12 12 13	<u> ម</u> ម ម ម	883	ភភភ	222	888	15 55 89	8 8		
"																							8-8	200	27		
Vediren South 31.372 28.081	29.794 27.872	26.598 26.957 28.087	32.12	29.391 30.336	30.921 28.615 28.305	27.81	29.740 30.239 29.121	29.836 30.855 30.488	29.950 28.771 28.265	26.712 29.685 30.003	27.882 31.710 28.482	28.530 35.215 30.258	30.792 31.200 57.975	25.55	30.349 30.349 30.339	25.92 29.460 39.980	30,418 30,170 27,684	27.4	29.551 28.564	29.326 30.169 28.991	28.448 28.448 27.533	25.996 26.535 26.291	8,88,84	38.6	26.0		
FAC # 103 103	5 2 0 5 2 5 5	105	106 106	107	108	90 100 100 100	222	EEE	999	888	H H H	55 55	911 91	1111	11 118	6 6 6 6 6 6	8 8 8	555	តួតួគ	នួនន	2 2 2	251 251	821 821 821	121	52 52 52		
34.595 34.595 37.834	33.398 35.651 33.714	29.863 32.375 30.605	32.872 31.478 28.582	27.708 28.799 27.126	36.642 30.907 29.840	30.308 29.21.7 27.402	29.507 29.507 25.701	28.094 27.173 28.645	29,993 28,012	29,037 30,723 26,647	29,456 25.671 31,266	25.030 25.559 29.281	27,979 40 776 38,270	30.394 27.890 30.863	26,716 28,242 27,849	28.257 24.417 26.439	28.143 33.338 27.333	29.397 30,370 30,804	30,741 29,687 28,404	29,419 26,500 27,621	28.110 28.110 26.117	28,479 26,392 27,152	26.212 27.676 25.033	24.481 23.630 21.374	21.644 24.053 26.901		
FAC #	¥ % %	25 80 80 201 80	106 107	107 108 108	8 8 8 8	100	9111	= = =	13 11 11 11 11 11 11 11 11 11 11 11 11 1	553	115	115 116 116	116	117	8 6 6 10 10 11 11 11 11 11 11 11 11 11 11 11 1	81 19 02 02 100 02	8 2 2	ខ្មន	ដូនដ	888	225	អ <u> ម</u> ម ម	821 751	2	<u> </u>	61	
ndianapoli Power & Light 38.669 33.548 31.913	34.215 32.795 30.676	30.751 28.445 30.773	32.170 33.967 30.310	32.323 35.110 33.821	31.806 32.544 32.135	29 603 30.582 32.514	33.759 33.194 33.530	31.011 31.384 31.872	34.113 31.826 32.695	33.373 32.393 33.792	36.193 33.237 34.630	32,794 33,628 33,489	35.914 34.165 31.957	30,707 30,919 34,909	35,580 34,357 34,259	31.217 32.695	32.296 31.038 30.336	31.372	32.335 36.504 31.266	31.347	34.101 29.268 28.508	26.573 25.729 28.648	29.860 29.860 26.835	25.755 27.088 26.905	26.252 25.556 26.005	23.987	
23 * FF		555	228	5				222								2 2 2	2 2 E	2 2 2	2 2 2	888	£ 53 53	222	22 22 23	88 85 85	88		
Indiana Michigan Power 17,821 18,468 14,478	16.280 15.244 16.754	16.282	2319 2385 4591	17,009 17,573 16,500	5.035	21.461 16.383 13.252	5.024 5.709 5.995	(519 (968 (427	1554	5.533	1381 1.278 1.101	1317	L343 L308 L564	1677	CS82 L123 CE7.1	1784	21.019 15.780 13.872	1113	1,789 1,686 1,918	1366	1822	1454	.723 .409	1987 1919 1987	.337		
Nied Nied	222												222	225	252	222	822	220	200	222	222	222	222	224	==		
FAC 100	101			2 2 8	8 2 2 8							225	222	2 Z Z Z	115	116	117	8118	258	885	558	888	888	222	ឆ្ម		
Duke Energy 43.923 38.863 35.381	33,730	32.587 34.960 515.60	32.201 36.849 31.889	30.854 32.468 27.290	28,062	27.835 26.964 25.864	24,507 25,146 24,158	25.25 24.25 26.25 26.25	26.465 25.192 28.079	27.782 27.651 27.841	29.245 27.750 30.778	26384 24410 24557	25.677 25.043	25.285 24.613	25.602 75.737 26.808	31.487 23.675 23.377	26.283 30.197 27.354	25.688 27.940 29.008	27.691	30.530 26.897	25.594 27.571 27.335	28.209 25.731 26.562	21.544	26.864 24.757 24.827	23.37		
Year 2014 2014	201 4 101 4 4 102	2014 2014	2014 2014	2015 2015 2015	2015 2015 2015	2015 2015 2015	2015 2015 2015	2016 2016 2016	2016 2016 2016	2016 2016 2016	2016 2016 2016	2017 7102 7102	2017	2017	700	2018 2018 2018	2018 2018 2018	2018 2018 2018	2018 2018 2018	2019 2019 2019	2019 2019 2019	2019 2019 2019	2019	2020 2020 2020	2020 2020 2020	2020 2020 2020	
1.		ķ	5 25			ŧ	it it			ti	b to			b	br 64			ь	8 11			h				te	
douth praiser februar farch	Jay Jay	uly Vugust Septemb	Jorober Jovenib Jecenib	musav February farch	April Jay	uly Septemb	Seteber Sovemb	muunv ebuunv farch	Jay Jay	uly Vugust Septemb	Accents Jovenis	amuny Tebrum Jurch	fred yell	uly uagust iepšemb	Actober Jovembe Jecembe	annary Tebraary Jurch	day une	uly ungust ieptemb	October Jovenib Jecenib	return's February Jarch	fani Jay	uly Luguet Septemb	October Jovensber December	ebruary forth	liny dail	uly kugust ieptembe	
FAC Morth 75 January 75 Februar 76 March	76 76 April 77 May June	77 77 July 77 August 78 Septemb	78 October 78 Novemb 79 Decemb	79 January 79 February 80 March	S0 April S0 May 81 June	81 July 81 August 82 Septemb	82 October 82 November 83 December	83 January 83 February 84 March	84 April 84 May 85 June	85 July 85 August 86 Septemb	86 October 86 Novemb 87 Decemb	S7 January 87 February 88 March	88 April 88 May 89 June	89 July 89 August 90 Septemb	90 October 90 November 91 December	91 January 91 February 92 March	92 April 92 May 93 June	93 Angust 94 Septemb	94 October 94 November 95 December	95 Junuary 95 February 96 March	96 April 96 May 97 June	97 July 97 August 98 Septemb	98 October 98 November 99 December	99 January 99 February 100 March	100 April 100 May 101 June	101 July 101 August 102 Septembe	100 100 100 100
Vectren FAC Mouth 23.238 73 January 22.609 76 March 25.231 76 March		29,769 77 July 28,097 77 August 22,298 78 Septend	25.574 78 October 19.199 78 Novemb 23.509 79 Decemb		882	26.389 81 July 23.701 81 August 25.788 82 Septemb	ជជធ	222	34.001 84 April 30.723 84 May 31.368 85 Iune	2 2 2 2	888	8 82 82 83	8 8 8		888	2 2 2	888	223		8 8 8	886	28,724 97 July 28,754 97 August 28,926 98 Septemb	31.975 98 October 30.425 98 November 31.466 99 December	32.678 99 January 30.967 99 February 31.333 100 March	32,686 100 April 33,775 100 May 29,553 101 June	29,274 101 July 28,500 101 August 27,660 102 Septemb	28.817 102 29.709 102 28.584 103
FAC Vector FAC Moreth θ South N Moreth 75 29,238 75 January 75 22,638 75 February 75 23,213 76 March 75 52,213 76 March	23.808 22.858 18.872	77 24,456 77 July 77 29,769 77 July 28,097 77 August 77 22,298 78 Septemb	78 25.574 78 Outober 78 19.199 78 Novemb 78 23.509 79 Decemb	883	882	228	ឧជឧ	222	222	2 2 2 2	888	8 82 82 83	8 8 8	39,798 89 31,524 89 35,523 90	888	40,515 91 34,433 91 36,973 92	888	2 2 2	228	8 8 8	886	8 25 25	98 31.975 98 October 98 30.425 98 November 98 31.466 99 December	32.678 99 1 30.967 99 1 31.333 100 1	100 32,686 100 April 100 33,775 100 May 100 29,553 101 June	101 29,274 101 July 101 28,500 101 August 101 27,660 102 Septemb	102 25.817 102 102 25.709 102 102 28.584 103
3 "	76 23.808 76 22.858 76 18.872	35,423 77 23,456 77 35,433 77 29,769 77 August 26,007 77 72,238 78 Septemb	24.308 78 25.574 78 October 24.781 78 19.199 78 Novemb 40.363 78 23.509 79 Decemb	883	882	228	ឧជឧ	222	34.001 84 30.723 84 31.368 85	2 2 2 2	888	87 39.151 87 87 31.902 87 87 33.092 88	88 32543 88 88 32517 88 88 35331 89	39,798 89 31,524 89 35,523 90	90 37.169 90 90 34.065 90 90 38.433 91	91 40,515 91 91 34,433 91 91 36,973 92	43.578 92 34.593 92 36.617 93	2 2 2	34,156 94 34,967 94 35,743 95	8 8 8	886	8 25 25	27.643 98 31.975 98 October 29.119 98 30.425 98 November 28.481 98 31.466 99 December	32.678 99 1 30.967 99 1 31.333 100 1	30,441 100 32,686 100 April 31,942 100 33,775 100 May 32,265 100 29,553 101 June	32.283 101 25.274 101 July 32.864 101 28.500 101 August 27.120 101 27.669 102 Septemb	31.698 102 38.817 102 32.653 102 29.709 102 32.602 102 38.584 103
3 "	25.958 76 23.808 30.934 76 22.858 32.563 76 18.872	77 35,423 77 23,456 77 144 78 35,433 77 23,056 77 14wment 78 26,007 77 72,298 78 Septemb	85 25 85	79 23,349 79 1 79 25,213 79 1 80 9,754 80	80 27.651 80 80 21.578 80 80 32.326 81	81 25,389 81 81 23,701 81 81 25,788 82	82 29,726 82 82 22,083 82 82 31,687 83	83 28,921 83 83 28,921 83 83 31,381	84 34.001 84 84 30.723 84 84 31.368 85	85 33.710 85 85 29.665 85 85 32.274 86	86 33.583 86 86 29.872 86 86 33.634 87	28,790 87 39,151 87 28,178 87 31,902 87 26,411 87 33,092 88	31,716 88 39,423 88 32,805 88 32,517 88 31,756 88 35,331 89	89 39.798 89 89 31.924 89 89 35.523 90	27.117 90 37.109 90 29.378 90 34.065 90 26.331 90 38.433 91	28 619 91 40,515 91 28,461 91 34,433 91 30,975 91 36,973 92	92 43,978 92 92 34,593 92 92 36,617 93	93 37,800 93 93 35,610 93 93 35,023 94	94 34,156 94 94 34,967 94 94 35,743 95	95 29.573 95 95 27.723 95 96 912.72 59	96 23.861 96 96 27.456 96 96 26.781 97	97 28,243 97 97 28,784 97 97 28,926 98	888	28.891 99 32.678 99 12.078 20 12.276 99 31.333 100 18	100 3.0.41 100 32.686 100 April 101 31.942 100 33.775 100 Alay 101 32.265 100 29.533 101 June	32.283 32.861 27.120	102 31 008 102 28.817 102 103 32.053 102 29.709 102 103 32.02 102 28.584 103
NIPSCO # S 36.497 75 33.278 75	76 25,958 76 23,808 77 30,934 76 22,858 77 32,563 76 18,872	11,775 77 35,423 77 25,456 77 11,075 21,676 78 25,433 77 25,699 77 Indiv	85 25 85	28.307 79 23.349 79 1 30.597 79 25.213 79 E 33.271 79 27.944 80 N	80 27.651 80 80 21.578 80 80 32.326 81	81 33,511 81 26,389 81 82 28,781 81 23,701 81 83 26,785 82 82 83	82 26.998 82 29,736 82 83 23.261 82 23.261 82 23.483 82 83	83 30,202 83 30,813 83 84 20,775 83 28,921 83 84 27,307 83 31,381 84	25.287 84 34.001 84 27.833 84 30.723 84 25.152 84 M.348 85	85 27.087 85 33.710 85 86 27.712 85 29.665 85 86 26.006 85 32.274 86	86 26,106 86 33,383 86 87 26,635 86 29,872 86 87 30,148 86 33,634 87	87 28,790 87 39,151 87 88 28,178 87 31,902 87 88 26,411 87 33,092 88	88 31.716 88 39.423 88 89 32.805 88 32.517 88 89 31.756 88 35.331 89	85 31.182 89 39.798 89 90 28.523 89 31.924 89 90 20.4429 89 35.523 90	90 27.117 90 37.109 90 91 29.378 90 34.065 90 91 29.331 90 38.433 91	91 28.619 91 40.515 91 92 38.461 91 34.433 91 92 30.975 91 36.973 92	30,774 92 43,978 92 31,881 92 34,593 92 31,557 92 36,617 93	93 36825 93 37,800 93 94 31,232 93 35,610 93 94 27,128 93 35,023 94	94 30,278 94 34,156 94 95 38,628 94 34,967 94 95 29,004 94 35,743 95	95 28.343 95 29.573 95 96 27.723 95 27.2188 95 27.219 96	96 23.861 96 96 27.456 96 96 26.781 97	97 28,243 97 97 28,784 97 97 28,926 98	888	28.891 99 32.678 99 12.078 20 12.276 99 31.333 100 18	30.441 31.942 32.265	32.283 32.861 27.120	30.331 102 31.088 102 32.837 102 30.725 105 32.053 102 29.709 102 33.448 108 32.02 102 38.584 109
PAC NIPSCO # S 25.497 75 75 76 26.336 75 75 76 26.336 75	76 25,958 76 23,808 77 30,934 76 22,858 77 32,563 76 18,872	17,772 777 3 21,676 78 3 18,446 78	78 24,308 78 79 24,781 78 79 40,363 78	79 28,307 79 23,349 79 18 18 18 18 18 18 18 18 18 18 18 18 18	80 28.639 80 27.651 80 81 28.679 80 21.578 80 81 33.815 80 32.336 81	81 33,511 81 26,389 81 82 28,751 81 23,701 81 83 26,785 82 82 82	82 26.998 82 29,736 82 83 23.261 82 23.261 82 23.483 82 83	83 30,202 83 30,813 83 84 20,775 83 28,921 83 84 27,307 83 31,381 84	84 29.287 84 34.001 84 85 27.833 84 30.723 84 85 29.152 84 31.368 85	85 27.087 85 33.710 85 86 27.712 85 29.665 85 86 26.006 85 32.274 86	86 26,106 86 33,383 86 87 26,635 86 29,872 86 87 30,148 86 33,634 87	87 28,790 87 39,151 87 88 28,178 87 31,902 87 88 26,411 87 33,092 88	88 31.716 88 39.423 88 89 32.805 88 32.517 88 89 31.756 88 35.331 89	25,000 89 31,182 89 39,788 89 26,035 90 28,533 89 31,924 89 24,232 90 24,439 89 35,533 90	90 27.117 90 37.109 90 91 29.378 90 34.065 90 91 29.331 90 38.433 91	27.062 91 28.619 91 40.515 91 27.910 92 28.461 91 34.433 91 26.976 92 30.975 91 36.973 92	92 30,774 92 45,978 92 93 31,881 92 34,593 92 93 31,557 92 36,617 93	93 36825 93 37,800 93 94 31,232 93 35,610 93 94 27,128 93 35,023 94	94 30,278 94 34,156 94 95 28,628 94 34,967 94 95 20,004 94 35,743 95	95 28.343 95 29.573 95 96 26.878 95 27.723 95 96 27.188 95 27.919 96	96 28.242 96 28.861 96 97 30.838 96 27.456 96 97 29.793 96 26.781 97	97 33.010 97 28.243 97 98 27.818 97 28.056 98 97 97 98.056 98	98 27.643 98 99 20.119 98 99 38.481 98	99 28.891 99 32.678 99 10 10 10 27.903 99 30.967 99 10 10 10 29.276 99 31.333 100 10	30.441 31.942 32.265	32.283 32.861 27.120	72 30,331 162 31,698 102 38,817 102 72 30,725 160 32,653 102 25,799 102 73 33,448 163 32,602 102 38,584 103
PAC NIPSCO # S 25.497 75 75 76 26.336 75 75 76 26.336 75	17.807 76 25.958 76 23.808 17.807 77 30.954 76 22.858 15.887 77 32.563 76 18.872	17,772 777 3 21,676 78 3 18,446 78	78 24,308 78 79 24,781 78 79 40,363 78	79 28,307 79 23,349 79 18 18 18 18 18 18 18 18 18 18 18 18 18	80 28.639 80 27.651 80 81 28.679 80 21.578 80 81 33.815 80 32.336 81	62 20,897 82 28,751 81 23,599 81 62 20,897 82 28,751 81 23,701 81 62 20,088 82 28,752 81 23,708 82	62 10.596 83 25.6578 82 29.756 82 62 62 62 62 62 63 25.66 82 25.657 82 31.687 83	63 20.815 83 30.202 83 30.813 83 63 19.347 84 20.775 83 28.921 83 63 18.589 84 27.307 83 31.381 64	84 29.287 84 34.001 84 85 27.833 84 30.723 84 85 29.152 84 31.368 85	64 18.46 85 27.687 85 33.710 85 64 18.198 86 27.712 85 29.665 85 64 18.897 86 26.006 85 32.274 86	64 17,674 86 26,106 86 33,853 86 64 18,699 87 26,038 86 29,872 86 65 18,259 87 30,148 86 33,654	65 11,9873 87 28,790 87 39,151 87 65 21,275 88 28,178 87 31,902 87 65 21,229 88 26,411 87 33,092 88	65 22.762 88 31.716 88 39.423 88 65 25.530 89 32.805 88 32.517 88 66 25.690 89 31.756 88 35.331 89	66 15.046 89 31.182 89 33.788 89 66 26.035 90 28.523 89 31.924 89 66 24.332 90 24.429 89 85.533 90	66 25.489, 90 27.117 90 37.109 90 66 25.345 91 29.378 90 34.065 90 67 25.683 91 26.331 90 38.433 91	67 27.062 91 28.619 91 40.515 91 67 27.910 92 28.461 91 34.433 91 67 26.976 92 30.975 91 36.973 92	67 24.906 92 30.774 92 43.978 92 67 24.906 93 11.881 92 14.593 92 68 29.536 99 31.557 92 36.617 93	68 25,412 94 31,222 95 35,610 95 68 5 68 5 69 5 69 69 69 69 69 69 69 69 69 69 69 69 69	68 30.866 94 30.278 94 341.86 94 68 30.866 95 28.628 94 34.967 94 68 28.638 94 34.967 94 95 35.743 95	69 25.507 55 28.343 55 29.573 55 60 60 60 60 60 60 60 60 60 60 60 60 60	96 28.242 96 28.861 96 97 30.838 96 27.456 96 97 29.793 96 26.781 97	97 33.010 97 28.243 97 98 27.818 97 28.056 98 97 97 98.056 98	98 27.643 98 99 20.119 98 99 38.481 98	99 28.891 99 32.678 99 10 10 10 27.903 99 30.967 99 10 10 10 29.276 99 31.333 100 10	30.441 31.942 32.265	32.283 32.861 27.120	11.742 77 30.331 10.2 31.068 102 32.817 10.2 20.34 7 10.2 20.34 7 20.25 10.6 20.65 10.2 26.709 10.2 18.467 73 33.448 10.8 72.02 10.2 33.584 10.3
Example Exam	12.022 59 17.625 76 25.553 76 23.588 11.225 59 17.877 77 30.694 76 22.588 11.088 60 15.589 77 32.561 76 18.872	11.945 60 17.772 777 3 12.454 60 21.676 78 3 13.895 60 18.446 78	1 60 21,142 78 24,308 78 3 60 17,200 79 24,781 78 4 61 17,212 79 40,363 78	61 18.146 79 28.307 79 23.349 79 19 19 16 16 18.902 80 32.597 79 25.213 79 19 16 19.380 80 33.271 79 27.944 80 19	64 18.572 86 28.659 80 27.651 80 2 64 16.340 81 28.659 80 21.578 80 3 62 23.130 81 33.815 80 32.236 81	62 20,897 82 28,751 81 23,599 81 62 20,897 82 28,751 81 23,701 81 62 20,088 82 28,752 81 23,708 82	62 10.596 83 25.6578 82 29.756 82 62 62 62 62 62 63 25.66 82 25.657 82 31.687 83	63 20.815 83 30.202 83 30.813 83 63 125.417 84 20.775 83 28.921 83 63 18.589 84 27.307 83 31.381 84	19.811 63 18.739 84 25.287 84 34.001 84 16.654 63 20.030 85 27.833 84 30.723 84 16.643 64 18.840 85 27.152 84 31.368 85	64 18.46 85 27.687 85 33.710 85 64 18.198 86 27.712 85 29.665 85 64 18.897 86 26.006 85 32.274 86	64 17,674 86 26,106 86 33,853 86 64 18,699 87 26,038 86 29,872 86 65 18,259 87 30,148 86 33,654	65 11,9873 87 28,790 87 39,151 87 65 21,275 88 28,178 87 31,902 87 65 21,229 88 26,411 87 33,092 88	17165 66 22.762 88 N1.716 88 59.423 88 16.887 65 25.530 89 32.805 88 32.517 88 17.106 66 25.640 89 N1.756 88 55.331 89	18.178 66 26.035 90 31.182 89 39.798 89 18.703 66 26.035 90 28.533 89 31.924 89 19.11 66 24.232 90 24.429 89 35.533 90	20,662 66 34,894 90 27117 90 37109 90 21,777 66 25,345 91 29,378 90 34,065 90 19,573 67 25,683 91 29,331 90 38,433 91	16.798 67 27.062 91 28.615 91 40.515 91 16.740 67 27.910 92 28.461 91 34.433 91 17.181 67 26.976 92 30.975 91 36.973 92	67 24.906 92 30.774 92 43.978 92 67 24.906 93 11.881 92 14.593 92 68 29.536 99 31.557 92 36.617 93	17.568 68 29.255 93 36.825 93 37.800 93 17.566 68 28.442 94 31.225 93 36.610 93 18.269 68 27.791 94 27.128 93 35.023 94	20.1-2 68 38.766 94 30.278 94 31.156 94 19.616 68 30.566 95 38.628 94 34.967 94 17.589 69 38.416 95 32.004 94 35.743 95	69 29.577 95 28.343 95 29.573 95 69 29.573 95 69 29.577 96 26.878 95 27.723 95 69 29.723 96 27.023 96 27.023 96 27.023	69 31,234 96 38,242 96 28,861 96 69 30,213 97 30,888 96 27,456 96 70 29,701 97 25,783 96 26,781 97	70 35,113 97 33,010 77 28,243 97 76 17 17 17 17 17 17 17 17 17 17 17 17 17	3 70 30.855 98 27.643 98 5 70 30.706 99 20.119 98 0 71 29.430 99 28.481 98	7 17 20-232 99 28-801 99 37-678 99 17-77 1 20-238 100 27-903 99 30-367 99 10 17-77 1 28-759 100 20-256 99 31-333 100 1	30.441 31.942 32.265	32.283 32.861 27.120	99 2017-12 72 30.331 10.0 31.08 10.0 38.817 10.0 99 20.154 72 30.725 10.0 32.63 10.0 32.59 10.0 10.0 18.467 73 33.548 103 32.00 10.0 38.584 103
Inclina Inclina Inclinaçoji Inclina	73 11.225 59 17.626 76 25.938 76 23.838 77 11.825 59 17.817 77 34.054 76 22.838 77 11.838 69 15.859 77 82.549 76 18.872	11.945 60 17.772 777 3 12.454 60 21.676 78 3 13.895 60 18.446 78	75 14564 60 21,142 78 24,308 78 75 13,773 60 17,280 79 24,781 78 76 11,834 61 17,212 79 40,363 78	7. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	64 18.572 86 28.659 80 27.651 80 2 64 16.340 81 28.659 80 21.578 80 3 62 23.130 81 33.815 80 32.236 81	78 15.569 62 24.171 81 72.551 81 26.389 81 78 17.520 62 20.897 82 28.751 81 23.701 81 79 16.509 62 20.027 82 28.252 81 25.788 82	10.783 6.2 10.981 82 26.598 82 29.736 82 20.375 6.2 19.596 83 23.261 82 23.683 82 18.698 6.3 19.337 83 25.457 82 31.687 83	80 1742 63 20815 83 30,202 83 30,813 85 80 17523 63 19347 84 20,775 83 28,921 83 81 15505 63 18,589 84 27,307 83 31,381 84	8 1981 63 18.739 84 20.357 84 34.001 84 81 1861 85 18.030 85 27.833 84 30.723 84 82 1864 85 27.83 84 3.368 85	82 15.337 64 18.196 85 27.187 85 33.710 85 82 15.662 64 18.196 86 27.712 85 29.665 85 83 14.044 64 18.897 86 26.006 85 32.214 86	R3 14.412 64 17.674 86 26.106 86 33.853 86 R3 14.699 64 18.669 87 26.635 86 29.72 86 84 16.357 65 18.259 87 30.148 86 33.634 87	B4 16.738 65 19.873 87 28.750 87 39.151 87 B4 16.056 65 21.235 88 28.178 87 31.902 87 85 18.965 65 22.256 88 26.411 87 33.092 88	85 17165 65 22.762 88 31.716 88 39.423 88 85 16887 65 25.530 89 32.805 88 32.517 88 86 171.96 66 25.690 89 31.756 88 35.331 89	18.178 66 26.035 90 31.182 89 39.798 89 18.703 66 26.035 90 28.533 89 31.924 89 19.11 66 24.232 90 24.429 89 35.533 90	87 20,652 66 34,859 50 27,117 50 37,109 50 87 87 87 87 87 87 87 87 87 87 87 87 87	88 16.788 67 21.062 91 28.619 91 40.515 91 88 16.740 67 27.910 92 28.461 91 34.433 91 89 17.181 67 26.976 92 30.975 91 36.973 92	89 15.747 67 26.946 92 30.774 92 43.978 92 89 16369 67 24.906 93 11.881 92 34.593 92 90 173.05 68 29.536 93 31.557 92 36.617 93	17.568 68 29.255 93 36.825 93 37.800 93 17.566 68 28.442 94 31.225 93 36.610 93 18.269 68 27.791 94 27.128 93 35.023 94	91 106142 68 30,566 94 30,278 94 34,156 94 91 105 94 91 105 94 91 105 94 91 105 94 91 105 94 91 105 95 95 95 95 95 95 95 95 95 95 95 95 95	17.181 69 28.597 95 28.3143 95 29.573 95 16.520 69 29.772 96 36.878 95 27.712 95 19.672 69 27.712 95 19.672 69 27.919 95	69 31,234 96 38,242 96 28,861 96 69 30,213 97 30,888 96 27,456 96 70 29,701 97 25,783 96 26,781 97	70 35,113 97 33,010 77 28,243 97 76 17 17 17 17 17 17 17 17 17 17 17 17 17	3 70 30.855 98 27.643 98 5 70 30.706 99 20.119 98 0 71 29.430 99 28.481 98	7 17 20-232 99 28-801 99 37-678 99 17-77 1 20-238 100 27-903 99 30-367 99 10 17-77 1 28-759 100 20-256 99 31-333 100 1	30.441 31.942 32.265	32.283 32.861 27.120	315-88 59 317-27 72 36,331 162 31.008 162 28,337 162 31,975 59 20,334 72 36,725 163 22,639 162 28,398 162 22,661 163,677 73 33,448 163 32,602 162 38,388 163
Daley 150 Markan Makampoli 150 Makam	73 11.225 59 17.626 76 25.938 76 23.838 77 11.825 59 17.817 77 34.054 76 22.838 77 11.838 69 15.859 77 82.549 76 18.872	21,455 74 11,943 60 11,772 77 2 26,428 74 12,454 60 21,676 78 3 18,147 75 13,895 60 18,446 78 5	21620 75 14564 60 21,142 78 24,308 78 16620 75 13,736 60 17,300 79 24,781 78 18,945 76 11,834 61 17,212 79 40,363 78	1196 76 12156 61 18146 79 25207 79 25349 79 1 22933 76 15415 61 15802 80 2537 79 25213 79 1 2293 77 1411 61 15380 80 35,717 79 7594 80 1	34034 77 16.09a 61 18.27-2 80 28.69 80 77.661 80 20,186 77 14.0ez 61 18.57-2 80 28.679 80 27.561 80 20,286 78 78 78 78 78 78 80 20,286 78 78 78 78 78 78 80 20,286 78 78 78 78 78 78 78 78 20,286 78	25.25 78 15.59 6.2 34.17 81 25.51 81 25.89 81 81 82.85 81 81 82.85	14546 79 11783 6.2 11084 82 11546 82 12756 82 124888 82 124888 82 124888 82 124888 82 124888 82 12488 82 12488	17.446 80 17.462 61 30.815 83 30.202 83 30.913 83 24.664 80 17.245 64 19.947 84 37.775 83 3.931 83 45.66 81 15.506 64 18.509 84 77.007 83 31.381 84	24.739 81 19811 65 18.739 64 22.27 84 14.00 64 17.139 87 17.139 84	25.29 E2 15.37 64 18.46 85 27.67 85 33.710 85 25.00 82 15.00 82 15.00 64 18.70 86 27.712 85 20.00 85 25.00 85 2	23467 88 14412 64 17.574 86 25.016 86 33.853 86 23.855 87 1468 87 18.855 87 1468 87 18.855 87 18.855 88 29.872 86 18.29 87 20.148 88 30.041 87	2586 E4 16.78 67 1987 87 28.79 87 1915 87 27 27 27 27 27 27 27 27 27 27 27 27 27	2586 65 17346 66 2550 88 31.74 88 94.23 88 250 82 2	25.11 66 18.13 66 25.90 89 31.18 89 3078 89 17.218 18.21 18.	26.407 87 20.405 66 21.889 90 22.117 90 17109 90 20.405 90 20.405 81 21.77 66 25.94 91 29.318 90 84.05 90 21.05 91 20.21 88 20.21 80 20.405 90 20.	20156 88 16.788 67 21.062 91 28.619 91 49.515 91 20.002 82 82 16.749 67 27.910 92 28.461 91 40.518 91 20.002 82 82 82 82 82 82 82 82 82 82 82 82 82	20.319 50 18.747 67 36.046 22 86.74 92 45.98 92 78.74 18 18 18 18 18 18 18 18 18 18 18 18 18	11.61 50 17548 66 120.25 39 1462 91 1780 97 1780 1780 1780 1780 1780 1780 1780 178	25.58 91 20.142 68 20.066 94 20.238 94 34.156 94 20.078 19 34.156 94 20.078 19 34.078 94 20.078	10,004 C2 (7.18) G6 28,597 C5 28,313 C5 28,573 S5 28,508 C5 28,009	10.379 93 19.120 69 31.524 96 32.32 96 32.861 96 10.37 10.00 10.37	30,599 94 171,44 70 35113 97 34,810 97 32,34 97 22,05 97	30,775 95 15,978 70 30,885 98 27,645 98 30,776 99 20,119 98 34,198 96 16,430 71 29,430 99 28,481 98	2071 66 17944 71 20.722 99 28.801 99 32.678 99 12.97 28.81 29.81 2	31.685 97 20.385 71 30.248 100 30.441 31.786 97 19.934 71 29.122 101 31.942 133.34 98 17.433 72 29.588 101 32.265	33.399 98 18.668 72 28.960 101 32.283 12.505 201 201 201 201 201 201 201 201 201 201	201 1156 9 20 2014 17 72 2013 102 1069 102 2014 103 2014
Year Date recommendation Fig. 1 kinding Fig. 2 kindi	20,146 73 12,022 99 17,626 76 25,558 76 25,858 71,021 73 71,021 75	2007 28,425 74 11,549 60 11,772 77 1 2 2007 26,428 74 12,454 60 21,676 78 7 2007 2007 1 18,147 75 13,895 60 18,446 78 7	3007 31 620 75 14 564 60 311.42 78 24 308 78 3007 18 650 75 13 77 60 71.32 78 78 78 78 78 78 3007 18 650 75 11 594 60 17 212 78 78 78 78 70 18 78 76 18 78 60 17 212 78 60 26 78	2008 21.946 76 12.156 61 18.146 70 25.207 70 21.349 70 13.45 70 20.207 70 20	XX6 X1014 77 (4.29) 61 18.572 80 26.679 80 715.61 80 XX6 XX3 XX XX	XME X.526 78 15.59 C. XA,17 81 X.51 81 X.548 C. XME X.578 78 17.50 C. X.887 C. X.518 81 X.510 S. XME XME 16 X.887 C. X.878 S. X.878 S. XME XME 16 X.887 C. X.887 S. X.887 S.	2008 31456 79 20078 62 20098 R2 20098 82 20158 82 2008 21,200 20 20 20 20 20 20 82 2008 20 20 20 20 20 20 82 82 2009 20 20 20 20 20 20 82 82 2009 20 20 20 20 20 20 82 82 2009 20 20 20 20 20 20 82 82 82 82 20 20 20 20 20 20 20 82 <t< th=""><th>3000 37448 80 17462 61 30815 83 80.002 83 90.001 83 300 34564 80 15.505 60 18599 84 77.507 83 33.931 88 300 34500 81 15.505 60 18.599 84 77.507 83 31.381 88</th><th>200 34,70 81 19811 65 18,70 64 23,20 84 34,00 64 200 21,70 81 16459 64 18,800 85 21,733 84 39,73 84 200 21,70 82 16459 64 18,800 85 21,533 84 39,73 84 200 21,70 82 16459 64 18,800 85 21,535 84 39,73 84 200 22 24 24 18,800 85 21,535 84 39,73 84</th><th>2000 36.249 R2 15.347 64 18.466 SS 27.687 SS 31.710 SS 200 25.266 R2 14.644 64 18.897 86 27.712 SS 29.666 SS 200 25.269 R3 14.644 64 18.897 86 26.066 85 32.746 SS</th><th>2009 24,617 R1 14,612 64 17,674 86 35,106 86 13,839 86 2009 13,818 R1 14,817 64 17,674 86 35,106 86 13,839 86 2009 13,818 R1 14,817 66 18,229 87 36,612 86 39,671 86 2009 18,818 R1 14,817 66 18,229 87 30,614 86 30,641 86 20 20 18 18 30,644 86 30,644 86 30,644 86</th><th>2010 25,966 84 16.78 65 19873 87 87 91.51 87 2010 25.71 84 84 83.73 81 18.00 87 201 25.71 84 86 82 3.04 87 89 201 25.72 84 86 82 3.04 87 89 201 25.72 84 86 82 3.04 82 82 201 25.72 86 82 25.42 82 82 82 201 25.72 86 82 25.42 82 82 82 82 201 25.72 86 82</th><th>2010 25,846 85 13,146 66 23,552 88 9,473 88 9,473 88 2010 25,846 85 11,146 66 21,653 89 31,864 88 31,547 88 2010 25,846 86 11,146 66 21,669 89 31,564 88 31,531 88 2010 25,846 86 11,946 66 21,669 89 31,564 88 33,531 88</th><th>2010 35.41 86 18.17 66 25.69 19 31.12 89 39.78 89 2010 21.218 84 18.17 66 25.60 30 31.51 89 39.78 89 2010 21.218 84 18.17 66 24.22 90 34.53 89 31.54 89 2010 22.22 90 24.22 89 34.53 89 35.53 39</th><th>200 2640 RT 20465 66 5489 50 27117 90 71109 90 200 200 200 200 200 200 200 200 20</th><th>2011 29.16 R 16.78 67 21.062 91 38.61 91 49.515 91 2011 25.082 88 16.78 67 27.910 92 38.64 91 40.515 91 2011 25.0062 98 17.181 67 26.976 22 30.975 91 36.973 22</th><th>MII 20.30 By IASTAT 67 No.64 92 No.74 92 45.94 93 MII 78.20 By 18.04 93 18.05 93 18.94 99 99 99 MI 78.20 By 18.05 80 18.95 90</th><th>2011 31,451 50 17368 68 25255 59 M625 93 37860 93 378 10 32899 90 17368 68 27525 11 372 93 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8</th><th>2011 27,538 91 20,12 68 32,766 94 NO.23 94 NLISS 91 2011 23,766 91 NS.766 94 NS.72 94 NLISS 94 2011 23,766 91 NS.766 94 NS.76 94 NS.76 94 2011 23,766 94 24,766 94 NS.76 94 NS.76 94</th><th> 2012 20,004 72 7188 60 26,607 54 26,414 55 25,515 55 57 57 57 57 57 57 </th><th>2012 30.29 9.0 19.12.0 60 31.55.4 66 32.52.2 66 32.86 66 20.1 20.0</th><th>2012 26.559 94 17146 70 35113 97 33010 97 32.40 97 2012 29.586 54 177 70 3594 68 57.488 97 3274 97 2012 29.586 54 1555 70 1799 68 57.488 97 3205 98</th><th>2012 30,736 95 15,928 70 310,855 98 27,643 98 2012 30,377 95 16,197 70 310,855 98 27,614 98 2012 34,377 95 16,197 70 28,400 99 32,419 98 31,10 96 96 32,441 98 32,441 98 31,10 96 96 32,441 98 32,441 98</th><th>2013 36.711 66 17944 71 26.712 89 28.691 79 26.78 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68</th><th>2013 31.685 97 20.385 71 30.248 100 30.441 2013 31.786 97 19.954 71 29.122 101 31.942 2013 33.34 58 17.435 72 29.588 101 32.265</th><th>2013 33399 58 18.668 72 38.590 101 35.250 201 30.391 301 301 301 301 301 301 301 301 301 30</th><th>31.548 99 21.772 72 30,331 102 31,008 13,1975 90 20,334 72 30,725 103 32,053 125 100 18,467 73 33,448 105 72,020</th></t<>	3000 37448 80 17462 61 30815 83 80.002 83 90.001 83 300 34564 80 15.505 60 18599 84 77.507 83 33.931 88 300 34500 81 15.505 60 18.599 84 77.507 83 31.381 88	200 34,70 81 19811 65 18,70 64 23,20 84 34,00 64 200 21,70 81 16459 64 18,800 85 21,733 84 39,73 84 200 21,70 82 16459 64 18,800 85 21,533 84 39,73 84 200 21,70 82 16459 64 18,800 85 21,535 84 39,73 84 200 22 24 24 18,800 85 21,535 84 39,73 84	2000 36.249 R2 15.347 64 18.466 SS 27.687 SS 31.710 SS 200 25.266 R2 14.644 64 18.897 86 27.712 SS 29.666 SS 200 25.269 R3 14.644 64 18.897 86 26.066 85 32.746 SS	2009 24,617 R1 14,612 64 17,674 86 35,106 86 13,839 86 2009 13,818 R1 14,817 64 17,674 86 35,106 86 13,839 86 2009 13,818 R1 14,817 66 18,229 87 36,612 86 39,671 86 2009 18,818 R1 14,817 66 18,229 87 30,614 86 30,641 86 20 20 18 18 30,644 86 30,644 86 30,644 86	2010 25,966 84 16.78 65 19873 87 87 91.51 87 2010 25.71 84 84 83.73 81 18.00 87 201 25.71 84 86 82 3.04 87 89 201 25.72 84 86 82 3.04 87 89 201 25.72 84 86 82 3.04 82 82 201 25.72 86 82 25.42 82 82 82 201 25.72 86 82 25.42 82 82 82 82 201 25.72 86 82	2010 25,846 85 13,146 66 23,552 88 9,473 88 9,473 88 2010 25,846 85 11,146 66 21,653 89 31,864 88 31,547 88 2010 25,846 86 11,146 66 21,669 89 31,564 88 31,531 88 2010 25,846 86 11,946 66 21,669 89 31,564 88 33,531 88	2010 35.41 86 18.17 66 25.69 19 31.12 89 39.78 89 2010 21.218 84 18.17 66 25.60 30 31.51 89 39.78 89 2010 21.218 84 18.17 66 24.22 90 34.53 89 31.54 89 2010 22.22 90 24.22 89 34.53 89 35.53 39	200 2640 RT 20465 66 5489 50 27117 90 71109 90 200 200 200 200 200 200 200 200 20	2011 29.16 R 16.78 67 21.062 91 38.61 91 49.515 91 2011 25.082 88 16.78 67 27.910 92 38.64 91 40.515 91 2011 25.0062 98 17.181 67 26.976 22 30.975 91 36.973 22	MII 20.30 By IASTAT 67 No.64 92 No.74 92 45.94 93 MII 78.20 By 18.04 93 18.05 93 18.94 99 99 99 MI 78.20 By 18.05 80 18.95 90	2011 31,451 50 17368 68 25255 59 M625 93 37860 93 378 10 32899 90 17368 68 27525 11 372 93 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2011 27,538 91 20,12 68 32,766 94 NO.23 94 NLISS 91 2011 23,766 91 NS.766 94 NS.72 94 NLISS 94 2011 23,766 91 NS.766 94 NS.76 94 NS.76 94 2011 23,766 94 24,766 94 NS.76 94 NS.76 94	2012 20,004 72 7188 60 26,607 54 26,414 55 25,515 55 57 57 57 57 57 57	2012 30.29 9.0 19.12.0 60 31.55.4 66 32.52.2 66 32.86 66 20.1 20.0	2012 26.559 94 17146 70 35113 97 33010 97 32.40 97 2012 29.586 54 177 70 3594 68 57.488 97 3274 97 2012 29.586 54 1555 70 1799 68 57.488 97 3205 98	2012 30,736 95 15,928 70 310,855 98 27,643 98 2012 30,377 95 16,197 70 310,855 98 27,614 98 2012 34,377 95 16,197 70 28,400 99 32,419 98 31,10 96 96 32,441 98 32,441 98 31,10 96 96 32,441 98 32,441 98	2013 36.711 66 17944 71 26.712 89 28.691 79 26.78 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68 89 13.68	2013 31.685 97 20.385 71 30.248 100 30.441 2013 31.786 97 19.954 71 29.122 101 31.942 2013 33.34 58 17.435 72 29.588 101 32.265	2013 33399 58 18.668 72 38.590 101 35.250 201 30.391 301 301 301 301 301 301 301 301 301 30	31.548 99 21.772 72 30,331 102 31,008 13,1975 90 20,334 72 30,725 103 32,053 125 100 18,467 73 33,448 105 72,020

Indianapolis Power and Light Company Cause No. 38703 FAC-129

Coal Contract Timelines

								202	20											2	02	1				
Provider	1	2	- 3	3	4	5	6	7	8	9	10	11	13	2 1	2	3	4	5	6	7	8	9	10	11	12	
Alliance Coal	Gibson Mine			7 A								/ 5775 274														
Sunrise Coal Sales	Oaktown Mine										11															
Peabody	Somerville/Bear Run Mine		Y.a. 3		ŽŽ																					
Solar Sources	Various Mines				Mya									14 P												

Indianapolis Power and Light Company Cause Number 38703 FAC 129

October 2020 Residential Customer Bill using 1,000kWh

Line					
No.	Description:	kWh	Rate	\$	% of Bill
1	Customer Charge			\$17.00	15.09%
2	Energy Charge (First 500 KWH per month)	500	\$0.106454	53.23	47.25%
3	Energy Charge (Second 500 KWH per month)	500	\$0.090752	45.38	40.28%
4	Fuel Charge	1,000	(\$0.007414)	(7.41)	-6.58%
5	Demand Side management Adjustment	1,000	\$0.005129	5.13	4.55%
6	ECR (NOX)	1,000	(\$0.002635)	(2.64)	-2.34%
7	Capacity Adjustment	1,000	\$0.000886	0.89	0.79%
8	Off-System Sales Margin Sharing	1,000	\$0.001327	1.33	1.18%
9	Regional Transmission Organization Adjustmen	1,000	(\$0.000248)	(0.25)	-0.22%
7	Total Billing Amount (Excluding Taxes)			\$112.65	100.00%
8	Base Charge (Lines 1, 2, and 3)			\$115.60	102.62%
9	Non-FAC Trackers (Lines 5 & 6)			4.46	3.96%
10	FAC (Line 4)			(7.41)	-6.58%
11	Total			\$112.65	100.00%

Note: Per Online tarrifs as of October 20, 2020

CERTIFICATE OF SERVICE

This is to certify that a copy of the foregoing *Indiana Office of Utility Consumer Counselor*Public's Exhibit No. 2 Testimony of OUCC Witness Michael D. Eckert has been served upon the following counsel of record in the captioned proceeding by electronic service on October 21, 2020.

Teresa Morton Nyhart Jeffrey M. Peabody BARNES & THORNBURG LLP tnyhart@btlaw.com jpeabody@btlaw.com

Lorraine Hitz-Bradley

Deputy Consumer Counselor

INDIANA OFFICE OF UTILITY CONSUMER COUNSELOR

115 West Washington Street Suite 1500 South Indianapolis, IN 46204 infomgt@oucc.in.gov 317/232-2494 – Phone

317/232-5923 - Facsimile