

FILED  
March 17, 2022  
INDIANA UTILITY  
REGULATORY COMMISSION

STATE OF INDIANA

INDIANA UTILITY REGULATORY COMMISSION

APPLICATION OF INDIANAPOLIS )  
POWER & LIGHT COMPANY D/B/A )  
AES INDIANA FOR APPROVAL OF A )  
FUEL COST FACTOR FOR ELECTRIC )  
SERVICE DURING THE BILLING )  
MONTHS OF JUNE 2022 THROUGH ) CAUSE NO. 38703 FAC 135  
AUGUST 2022, IN ACCORDANCE WITH )  
THE PROVISIONS OF I.C. 8-1-2-42, AND )  
CONTINUED USE OF RATEMAKING )  
TREATMENT FOR COSTS OF WIND )  
POWER PURCHASES PURSUANT TO )  
CAUSE NOS. 43485 AND 43740, AND )  
AUTHORITY TO RECOVER COSTS OF )  
THE FUEL HEDGING PLAN )  
PURSUANT TO I.C. 8-1-2-42. )

APPLICANT'S SUBMISSION OF DIRECT TESTIMONY OF  
JOHN BIGALBAL

Indianapolis Power & Light Company d/b/a AES Indiana ("AES Indiana", "IPL",  
"Company", or "Applicant"), by counsel, hereby submits the direct testimony of John Bigalbal.

Respectfully submitted,



IURC  
PETITIONER'S 3  
EXHIBIT NO. 572-22  
DATE REPORTER

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OFFICIAL  
EXHIBITS

ATTORNEYS FOR APPLICANT  
INDIANAPOLIS POWER & LIGHT COMPANY  
D/B/A AES INDIANA

VERIFIED TESTIMONY OF JOHN BIGALBAL  
CHIEF OPERATING OFFICER, US CONVENTIONAL GENERATION

1 Q1. Please state your name, employer, and business address.

2 A1. My name is John Bigalbal. I am employed by AES US Services, LLC ("the Service  
3 Company"), which is the service company that serves Indianapolis Power & Light  
4 Company d/b/a AES Indiana ("AES Indiana" or "IPL" or the "Applicant"). The Service  
5 Company is located at One Monument Circle, Indianapolis, Indiana 46204.

6 Q2. What is your position with the Service Company?

7 A2. I am the Chief Operating Officer, US Conventional Generation.

8 Q3. Please describe your duties as Chief Operating Officer.

9 A3. As Chief Operating Officer, I manage the US conventional generation fleet that includes  
10 coal and natural gas steam, combined cycle gas turbine and simple cycle generation plants  
11 with a combined capacity of approximately 3,600 megawatts.

12 Q4. Please summarize your educational and professional background.

13 A4. I graduated from Thames Valley State Technical College with a degree in Electrical  
14 Engineering. I have also completed an Executive Leadership Program at Georgetown  
15 University's McDonough School of Business.

16 Q5. Please summarize your prior work experience.

17 A5. I started my career in 1987 with Connecticut Light and Power and worked in Operations  
18 and Engineering. I left the utility in 1991 to perform the startup and commissioning of

VERIFIED TESTIMONY OF JOHN BIGALBAL  
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10       coal and natural gas steam, combined cycle gas turbine and simple cycle generation plants  
11       with a combined capacity of approximately 3,600 megawatts.

12   **Q4.   Please summarize your educational and professional background.**

13   A4.   I graduated from Thames Valley State Technical College with a degree in Electrical  
14       Engineering. I have also completed an Executive Leadership Program at Georgetown  
15       University's McDonough School of Business.

16   **Q5.   Please summarize your prior work experience.**

17   A5.   I started my career in 1987 with Connecticut Light and Power and worked in Operations  
18       and Engineering. I left the utility in 1991 to perform the startup and commissioning of

1 Exeter Energy, a 30-megawatt tire-fired generation plant. In 1992, I started working for  
2 AES at the AES Thames cogeneration plant. I have been with AES for 29 years. During  
3 my time with AES, I have worked in Instrumentation and Controls, Engineering,  
4 Environmental, Safety, Business Development, Commercial and Construction. I have been  
5 in several leadership roles including the management of a large merchant coal-fired  
6 generation plant and a fleet of six merchant coal-fired generation plants, business  
7 development, fuel, and logistics as well as this current role.

8 **Q6. Have you previously testified before this Commission?**

9 A6. Yes, I filed testimony in AES Indiana's FAC 133 and 134.

10 **Q7. What is the purpose of your testimony in this proceeding?**

11 A7. My testimony discusses the status of the Eagle Valley forced outage.

12 **Q8. Please describe the Eagle Valley CCGT.**

13 A8. The Eagle Valley CCGT plant ("Eagle Valley") is a 671 MW gas-fired facility located in  
14 Morgan County, Indiana. The plant consists of two GE 7FA.05 gas turbines, associated  
15 Nooter Eriksen heat recovery steam generators, and a Toshiba steam turbine.

16 **Q9. When did the outage at the Eagle Valley CCGT occur?**

17 A9. The outage began on April 25, 2021.

18 **Q10. What is the status of the Eagle Valley forced outage?**

19 A10. The Eagle Valley CCGT successfully started up both gas turbines and steam turbine. On  
20 March 15, 2022, Eagle Valley completed its MISO capacity test. The plant then operated  
21 with one gas turbine (GT1) and the steam turbine on line from March 15 to March 18, 2022  
22 to allow for Gas Turbine 2 and Heat Recovery Steam Generator 2 to cool while additional  
23 tuning changes were made and to test the gas turbine during a cold startup. Specifically,

1       these tuning changes were comprised of adjusting the fuel-to-air ratio for proper  
2       combustion and adjusting combustion and exhaust temperature to meet the Heat Recovery  
3       Steam Generator's warmup specification. The tuning changes were implemented and  
4       successfully tested on March 18, 2022. The facility was released for full load dispatch on  
5       March 18, 2022. The Company is working to finalize the written Root Cause Analysis  
6       report by early April 2022.

7       **Q11. Will the Company address these matters in the FAC 133 subdocket?**

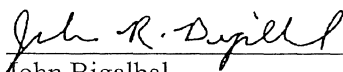
8       A11. Yes.

9       **Q12. Does that conclude your prefiled direct testimony?**

10      A12. Yes.

### Verification

I, John Bigalbal, Chief Operating Officer, US Conventional Generation for AES US Services, LLC affirm under penalties for perjury that the foregoing representations are true to the best of my knowledge, information, and belief.



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John Bigalbal

Dated March 24, 2022

CERTIFICATE OF SERVICE

The undersigned hereby certifies that a copy of the foregoing was served this 17th day of March, 2022, by email transmission, hand delivery or United States Mail, first class, postage prepaid to:

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