

**BEFORE THE CORPORATION COMMISSION OF THE STATE OF OKLAHOMA**

APPLICATION OF THE EMPIRE DISTRICT )  
ELECTRIC COMPANY, A KANSAS )  
CORPORATION, FOR AN ADJUSTMENT IN ITS )  
RATES AND CHARGES FOR ELECTRIC SERVICE )  
IN THE STATE OF OKLAHOMA )

CAUSE NO. PUD 202100163

**FILED**  
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CORPORATION COMMISSION  
OF OKLAHOMA

**Direct Testimony**

**of**

**Drew Landoll**

**Submitted on behalf of**

**The Empire District Electric Company**

**February 28, 2022**

**\*\*DENOTES CONFIDENTIAL\*\***



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THE EMPIRE DISTRICT ELECTRIC COMPANY  
BEFORE THE CORPORATION COMMISSION OF THE STATE OF OKLAHOMA  
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**LIST OF EXHIBITS IN SUPPORT OF DIRECT TESTIMONY**

1.	DL-1 (Confidential) Asbury Decommissioning Memo
2.	DL-2 (Confidential) Asbury Station Demolition/Decommissioning Estimate by Black & Veatch

DIRECT TESTIMONY OF DREW LANDOLL  
THE EMPIRE DISTRICT ELECTRIC COMPANY  
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1 **I. INTRODUCTION**

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

3 A. Drew W. Landoll; 602 S Joplin Ave. Joplin, MO, 64801.

4 **Q. By whom are you employed and in what capacity?**

5 A. I am employed by Liberty Utilities Service Corp. (“LUSC”), a subsidiary of Liberty  
6 Utilities Co. (“LUCo”), as the Director of Strategic Projects for The Empire District  
7 Electric Company (“Liberty-Empire” or the “Company”).

8 **Q. On whose behalf are you testifying in this proceeding?**

9 A. I am testifying on behalf of Liberty-Empire.

10 **Q. Please describe your educational and professional background.**

11 A. I completed my Bachelor of Science in Civil Engineering at the University of Missouri  
12 – Rolla, now known as Missouri University of Science and Technology. My civil  
13 engineering emphasis was in construction and environmental with a minor in  
14 communications. I am a registered Professional Engineer within the State of Missouri.  
15 Until 2012, I was employed by Aquaterra Environmental Solutions, a civil and  
16 environmental consulting firm within the Midwest as a Project Engineer. As a Project  
17 Engineer, I designed and permitted landfill expansions, wastewater pumping systems,  
18 air emissions permit applications, and operational support for multiple clients within  
19 the waste and environmental industries.

1           In May of 2012, I joined Liberty-Empire at the Asbury Power Plant as a Local  
2 Projects Manager planning and managing projects and outages for the plant. In May  
3 of 2015, I was promoted to Manager of Strategic Projects. In that role, I was the lead  
4 for: the demolition of Riverton Units 7, 8, and 9; the completion of the Riverton 12  
5 Combined Cycle Conversion Project; the early development of the Missouri wind  
6 farms, Kings Point and North Fork Ridge; and multiple other smaller projects within  
7 the Company. Then, in July of 2019, I was promoted to my current position of Director  
8 of Strategic Projects. As Director of Strategic Projects, I oversee environmental  
9 compliance, certain large projects, capital expenditure budgeting, project accounting  
10 and forecasting, and I provide support for regulatory filings related to certain projects.

11 **Q. Have you previously testified in a proceeding before the Oklahoma Corporation**  
12 **Commission (“Commission”) or before any other utility regulatory agency?**

13 A. No. However, I have provided testimony in Liberty-Empire’s most recent rate case  
14 application filed with the Missouri Public Service Corporation<sup>1</sup>.

15 **Q. What is the purpose of your Direct Testimony in this proceeding?**

16 A. I provide an update on the status of the Company’s decommissioning plan for the  
17 Asbury Power Plant (“Asbury”). Asbury Unit 1, first operational in 1970, was  
18 originally an approximate 200 MW mine-mouth, coal-fired electric power plant located  
19 in Jasper County, Missouri. My Direct Testimony also addresses the creation of the  
20 Asbury Renewable Operations Center and the repurposing of certain assets to support  
21 ongoing operations.

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<sup>1</sup> ER-2021-0312

1 **Q. Do additional Liberty-Empire witnesses address issues related to the retirement**  
2 **of Asbury?**

3 A. Yes. Liberty-Empire witnesses Aaron J. Doll and Shaen T. Rooney address various  
4 components of the Company’s decision making regarding the retirement of Asbury,  
5 and Liberty-Empire witness Frank C. Graves addresses the appropriateness of the  
6 Company recovering the undepreciated investments at Asbury. Finally, Company  
7 witness Charlotte T. Emery addresses the impact of the retirement of Asbury within the  
8 Company’s revenue requirement.

9 **II. CURRENT STATUS OF ASBURY POWER PLANT**

10 **Q. What is the current status of Asbury?**

11 A. Asbury Unit 1 was de-designated from the Southwest Power Pool (“SPP”) and retired  
12 in March of 2020. The Asbury campus includes facilities and buildings that were  
13 necessary to support the operations of the original plant. Some of these facilities are  
14 now repurposed to support the Asbury Renewable Operations Center.

15 **Q. What is the purpose of the Asbury Renewable Operations Center?**

16 A. The Company repurposed certain Asbury facilities to host the operations and  
17 maintenance activities of the Kings Point, North Fork Ridge, and Neosho Ridge wind  
18 farms (collectively, the “Wind Projects”), the Prosperity Solar Facility and other  
19 renewable generation facilities that may be contemplated in the future. To support the  
20 personnel that are operating and maintaining the Wind Projects, the Asbury Renewable  
21 Operations Center is using the former Asbury office and break room facilities, the  
22 maintenance buildings, parking areas, and supporting infrastructure. An aerial  
23 photograph showing the assets remaining in use is provided in Figure 2 later in this  
24 testimony.

1 **III. ASBURY DECOMMISSIONING AND REPURPOSING**

2 **Q. Is the decommissioning and repurposing at Asbury complete?**

3 A. No. The Company has received the decommissioning study from Black and Veatch  
4 and has developed a plan for the decommissioning of the plant in a safe and efficient  
5 manner. Under the current plan, it will take approximately 3 to 4 years to  
6 decommission and dismantle the plant. Concurrently with executing this plan, the  
7 Company continues to evaluate potential for repurposing certain plant components.

8 **Q. Please briefly describe the scope and status of Asbury decommissioning and**  
9 **repurposing activities.**

10 A. The Company has been working towards three goals recently: (A) creating a safe and  
11 compliant work location; (B) developing a decommissioning plan for the final  
12 disposition of the unused physical facilities on site; and (C) repurposing certain  
13 facilities onsite to support the operations and maintenance activities of the Wind  
14 Projects, the Prosperity Solar Facility and other renewable generation facilities as they  
15 are envisioned.

16 **IV. CREATING A SAFE AND COMPLIANT FACILITY**

17 **Q. What activities have been done on site since Asbury Unit 1's de-designation in**  
18 **March of 2020?**

19 A. Once the unit was de-designated, the Company prioritized removal of environmentally  
20 sensitive items. This first step was needed to protect the environment, increase safety  
21 to employees and neighbors, reduce risks of potential contamination, and meet, and in  
22 some instances, reduce the Company's environmental permit obligations. The work  
23 completed to date includes:

24 a. removal of anhydrous ammonia;

- 1           b. removal of oil from equipment;
- 2           c. removal of Coal Combustion Residuals (“CCR”) waste within plant ductwork;
- 3           d. removal of certain chemicals stored onsite and within equipment;
- 4           e. removal of residual coal from the coal piles;
- 5           f. modifications to water discharge Outfalls;
- 6           g. isolation and Lock-Out Tag-Out on certain plant systems; and
- 7           h. modifications of environmental and operating permits.

8   **Q. Please describe the ongoing modifications of environmental and operating**  
9   **permits.**

10   A. The facility’s air emission Part 70 Permit to Operate (OP2018-001), enforced through  
11   the Missouri Department of Natural Resources (“MDNR”) Air Program, became non-  
12   effective on March 1, 2020. This action also removed all other associated air permits  
13   including, but not limited to, the facility’s Acid Rain Permit and construction permits.  
14   The facility is in the process of renewing its National Pollutant Discharge Elimination  
15   System Permit (NPDES) MO-0095362 with the MDNR that will expire March 31,  
16   2022. The Company and MDNR have been working together to remove certain  
17   operating parameters that no longer apply to the facility since it is no longer a coal-  
18   fired electric generating facility. This will eliminate certain monitoring and testing  
19   requirements of water discharges from the facility. In response to recent changes and  
20   extensions to the federal Coal Combustion Residuals Rule (CCR Rule), the Company  
21   has updated the operating record and is revising the closure plan for the applicable ash  
22   impoundment. Also, since the Company is not storing anhydrous ammonia on site,  
23   there is no longer a requirement to maintain a Risk Management Plan (“RMP”). For



1 that reason, Asbury's RMP has been deregistered with the Environmental Protection  
2 Agency.

3 **Q. What tasks remain to accomplish the goal of maintaining a safe and compliant**  
4 **facility?**

5 A. The Company has obligations to comply with all safety requirements, remaining  
6 permits, and all regulations pertaining to the facility, and will meet these requirements  
7 as we have for the last fifty years at Asbury. The Company and onsite personnel will  
8 continue permit compliance reporting and keep the facility maintained to provide a  
9 workplace that is safe for our employees, contractors and the general public.

10 As the above work proceeds, Liberty-Empire will continue identifying and  
11 proactively mitigating (where feasible) any risks posed by the age and condition of the  
12 remaining equipment and facilities. Some examples that may require emergency  
13 intervention (and may affect the scope and timing of the overall project) include  
14 ruptured piping, broken hoses, leaking roofs, inoperable elevators, exposed asbestos or  
15 other items that require immediate attention.

16 The Company recently completed the process of removing the residual coal  
17 from the previous two coal piles and creating a rainwater detention pond that will  
18 comply with the NPDES permit. Additional improvements may be necessary to comply  
19 with the terms of the new permit and are not known at this time. In addition, ongoing  
20 stormwater sampling remains a requirement. The NPDES permit renewal application  
21 was submitted to the MDNR in late 2021 and will follow the public comment process  
22 as required by federal and state regulations, with an anticipated effective date of May  
23 1, 2022.

1 **Q. Does the work described above include the work required for the ash**  
2 **impoundment closure?**

3 A. No, the ash impoundment closure is required regardless of whether Asbury Unit 1 was  
4 retired or not. The ongoing compliance for the ash impoundment under the CCR rule,  
5 in general, has not changed over the last several years. The Company still plans to close  
6 the impoundment in place. The final Impoundment Closure Plan is being revised to  
7 comply with the most recently promulgated changes in deadlines and reporting  
8 obligations to the CCR Rule.<sup>2</sup>

9 **V. DEVELOPING A DECOMMISSIONING PLAN**

10 **Q. Has the Company developed a plan of final disposition for the facility?**

11 A. Yes, with a three-phased plan to be executed over the coming years. The Company  
12 completed Phase 1, the initial decommissioning analysis and studies of the facility. The  
13 studies completed were to determine the final disposition of Unit 1 within the  
14 Company's overall decommissioning plan. Based on these findings, the Company  
15 plans to demolish the unused portions of Unit 1 while maintaining operations of the  
16 Asbury Renewable Operations Center for the Company's renewable generation plants.  
17 The memo contained in Confidential Direct Exhibit DL-1 includes the summary,  
18 findings, schedule, preliminary cost estimates, and supporting reports for the Phase 1  
19 Studies.

20 Phase 2 includes the development of work plans, schedules, engineering plans  
21 and specifications, expound on and execution of the Isolation Study, asbestos removal,

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<sup>2</sup> See <https://www.federalregister.gov/documents/2020/08/28/2020-16872/hazardous-and-solid-waste-management-system-disposal-of-coal-combustion-residuals-from-electric>  
Phase one part one: <https://www.federalregister.gov/documents/2018/07/30/2018-16262/hazardous-and-solid-waste-management-system-disposal-of-coal-combustion-residuals-from-electric>. "A Holistic Approach to Closure Part A: Deadline to Initiate Closure and Enhancing Public Access to Information."

1 completion of NPDES modifications, and risk register mitigations. Phase 2 will  
2 conclude with the preparation of the bid documents for the demolition of the selected  
3 facilities and is anticipated to be complete by Q1-2022 to Q2-2022 timeframe. The  
4 Company is currently working on certain scopes of Phase 2.

5 Phase 3 is planned to include finalization of bid documents, revision of cost  
6 estimates, bid administration, construction management, demolition of the facilities,  
7 reporting, and project accounting. Phase 3 is tentatively scheduled to be completed in  
8 2024 subject to the scope and timing of required engineering work and the results of  
9 Phase 2.

10 **Q. Did the Company engage a qualified consulting firm to assist in developing the**  
11 **Phase 1 plan?**

12 A. Yes, the Company retained Black and Veatch (“B&V”), one of the top-ranked design  
13 firms in fossil fuel generation and the original engineering firm that designed Asbury  
14 Unit 1. B&V was retained in August 2019 to perform a multi-part study to support  
15 Phase 1 of the Asbury decommissioning. This work included the initial retirement  
16 planning process and provided technical guidance and support to the Company’s  
17 decision-making process for the final disposition of the facility.

18 **Q. Please describe the findings of Phase 1.**

19 A. Phase 1 included an internal meeting to discuss the possibility of repurposing Asbury  
20 into the Asbury Renewable Operations Center and document major items to be  
21 cognizant of should the process move forward. Phase 1 also included two market  
22 studies to determine “bookend” values of the facility; one if the operating facility was  
23 to be sold on the open market to another owner-operator and the other to determine an  
24 estimate of razing the facility.

1           The Fair Market Valuation Report found that the facility had a \*\* [REDACTED]  
2           [REDACTED] \*\* meaning the Company would have to pay someone \*\* [REDACTED]  
3           [REDACTED] \*\* to purchase and operate the facility in its state at the time and assume all  
4           associated liabilities. The original Demolition Order of Magnitude Report estimated  
5           the cost to raze the in-scope facilities to be approximately \*\* [REDACTED]  
6           [REDACTED] \*\*. The  
7           estimate was further refined in late 2021 to a Class 4 Intermediate estimate, per the  
8           AACE guidelines, to a cost of approximately \*\* [REDACTED]  
9           [REDACTED] \*\*. Please see the memo  
10          contained in Confidential Direct Exhibit DL-2. This updated estimate does not include  
11          the work performed under Phase 1 and 2. An aerial photograph from this report which  
12          depicts these facilities is provided below:



13  
14

Figure 1 – Facilities Identified for Demolition

1           A study of Unit 1’s equipment was performed to establish potential for  
2 secondary markets and begin the work for isolating Unit 1 from the remaining onsite  
3 facilities to support Asbury Renewable Operations Center. The Equipment Study was  
4 also shared with external vendors through B&V to explore whether any additional  
5 markets existed for the unit. This endeavor was not successful. Upon identifying no  
6 viable markets for the operating facility, the Company then explored the middle-ground  
7 of the “bookends”, Abandon-In-Place (“AIP”).

8           AIP uses a minimalistic approach for securing the plant and equipment that will  
9 no longer be used. A cost estimate and summary report were performed to analyze the  
10 scope of work needed to safely abandon the structures while still operating the Asbury  
11 Renewable Operations Center over the coming ten years. Risk registers were then  
12 created to summarize and document the risks associated with demolition and  
13 abandoning Unit 1. Finally, a summary letter was prepared by B&V of the work  
14 completed. The B&V reports are found in attachments within Confidential Direct  
15 Exhibit DL-1.

16 **Q. Why was demolition chosen over abandoning-in-place?**

17 A. While the AIP scenario has a lower initial cost, the ongoing safety and environmental  
18 risks outweigh the temporary savings. To maintain an abandoned fifty-year-old power  
19 plant at an operating facility, the Asbury Renewable Operations Center, there would be  
20 an initial expense and ongoing expenses to keep the facility compliant and safe. These  
21 expenses borne by the Company, and ultimately our customers, over the next ten years  
22 has been estimated at approximately \*\* [REDACTED] \*\* – See  
23 Confidential Exhibit DL-1, Abandon-In-Place Cost Estimate (2020), p. 115. The AIP  
24 scenario should also not be considered an in lieu of demolition plan, but instead

1           delaying the eventual demolition of Unit 1. Within the Abandon-In-Place Cost  
2           Estimate Report, B&V provided the following:

3                     It should be noted that the cumulative cost in 2030 at the end of the 10-year  
4           period does not exceed the estimated demolition cost of \*\* [REDACTED] \*\*. However,  
5           these should be considered costs to Liberty Utilities (and the rate payers) for deferral  
6           of the demolition project, thus adding to the overall cost of the Asbury Plant.

7                     In addition to increasing the ultimate cost of retirement and removal of the  
8           plant, a ten-year delay in final removal would also further contribute to inter-  
9           generational customer inequity, by distancing the customers that benefitted from  
10          Asbury's Unit 1 energy production from those customers paying for its demolition.

11                    To support options analysis and prioritize the scope and sequencing of  
12          activities, the Company and B&V developed risk registers for both AIP and demolition  
13          scenarios. See Confidential Direct Exhibit DL-1, Abandon-In-Place Risk Register  
14          (2020), p. 116-120 and Demolition Risk Register (2020), p. 121-128. When comparing  
15          the risks of each scenario, the demolition scenario appears to carry less long-term risk  
16          exposure to employees, contractors, customers, and the Company. The greatest risks  
17          identified for this option involve the potential of physical harm to humans from  
18          deteriorating structures and potential exposure to remaining environmentally sensitive  
19          items, which may get worse over time. The AIP scenario would have also required  
20          frequent re-assessments and risk register updates in the event of future events affecting  
21          the site, such as regulation changes, damage to remaining facilities, extreme weather  
22          or other events impacting the Company's decisions.

23                    Having considered these risks and their economic implications, the Company  
24          decided to proceed with the demolition of Unit 1.

1 **Q. What activities are involved in Phase 2?**

2 A. Over the next year, we anticipate performing the following scopes of work:

- 3 1. asbestos identification and quantification study;
- 4 2. Unit 1 engineering for isolation of the utilities;
- 5 3. Construction work to isolate and repower the Asbury Renewable Operations
- 6 Center from Unit 1;
- 7 4. continued compliance-driven modifications;
- 8 5. certain risk register mitigations; and
- 9 6. on-going development of demolition plans and associated work specifications;
- 10 7. Removal of asbestos.

11 **Q. When does the Company expect to complete Phase 3 and at what cost?**

12 A. Upon completion of Phase 2, the Company will prepare an execution strategy, which  
13 will include the demolition scope of work. This execution strategy will be dependent  
14 on what is found during the removal of asbestos, timing of the original stack removal,  
15 and other items that the contractor is to perform. The Company will follow an approach  
16 for contracting and execution of the demolition of Asbury similar to the approach used  
17 for the Riverton Units 7, 8, and 9 demolition performed in 2017. Currently, the  
18 Company anticipates completing the demolition of Unit 1 in 2024. Current Phase 3  
19 cost estimates have been provided within Confidential Direct Exhibit DL-2; Asbury  
20 Station Demolition/ Decommissioning Estimate Table 3. This estimate amounts to  
21 **\*\* [REDACTED] \*\*** in costs and is a Class 4 Budget Estimate per the Association of Cost  
22 Engineering guidelines, or -30% to +50% accuracy. Cost estimates will be updated as  
23 the scope of work is established, quantities are determined, and bids are received. The  
24 Company will continue exploring cost savings, contracting, and execution strategies

1 while developing these plans. Work for Phase 1 and Phase 2 is expected to be  
2 completed by Q2-2022 and is forecasted to cost approximately\*\* [REDACTED]\*\* - which  
3 is not part of the Phase 3 estimate of \*\* [REDACTED]\*\*. The Company is requesting to  
4 continue tracking these costs for the decommissioning and retirement of Asbury Unit  
5 1 captured in the regulatory account established in the last rate case<sup>3</sup> as further  
6 described by Company Witness Charlotte T. Emery.

7 **VI. REPURPOSING EXISTING ASBURY ASSETS**

8 **Q. How is the Asbury Renewable Operations Center being utilized?**

9 A. The Asbury Renewable Operations Center is the main operations and maintenance  
10 center for the Company's renewable generation fleet and the Company's Site Support  
11 Services group. The facility houses approximately 27 employees responsible for  
12 inventory management, engineering, operations, purchasing, and maintenance of these  
13 facilities. It also is the location of the primary warehouse for inventory, tools and  
14 equipment. The Vestas long-term maintenance-contract employees and their associated  
15 equipment and inventory are located on the site as well. Company witness Shaen  
16 Rooney provides further details of the contract work that will be conducted by Vestas  
17 relating to the Wind Projects.

18 **Q. What renewable generation resources will be operated from the Asbury  
19 Renewable Operations Center?**

20 A. The Company's Wind Projects, the Prosperity Solar Facility, other future community  
21 solar facilities, and future solar and battery distributed energy resources will be  
22 operated from the former Asbury plant site.

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<sup>3</sup> Cause No. PUD 201800133



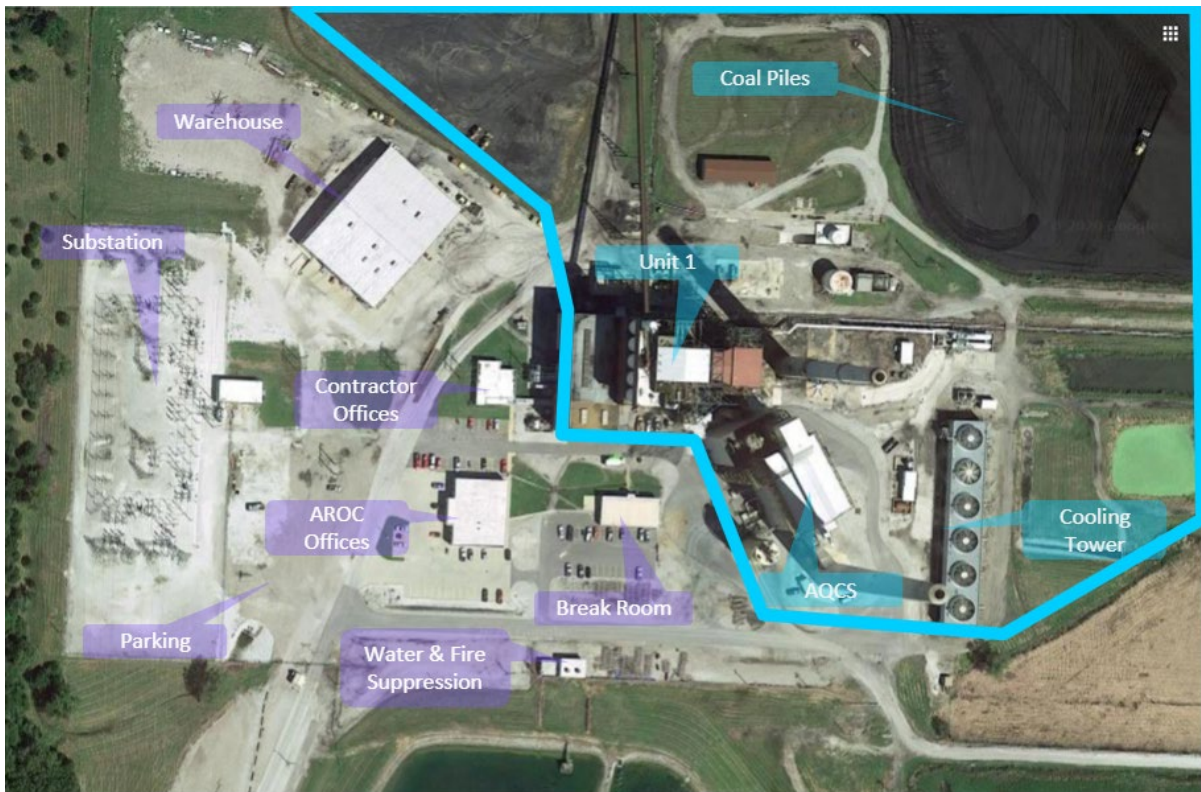
1 A control room has been established in the administration building that will be operated  
2 24/7 and currently has control of the Wind Projects and the Prosperity Solar Facility.  
3 The control room can be expanded to include future renewable generation assets, if  
4 necessary.

5 **Q. What facilities have been repurposed?**

6 A. The following items are being utilized by the Asbury Renewable Operations Center:  
7 administration building, maintenance building, break room building, old admin  
8 building, land, fire suppression and detection, rail spur, warehouses, and the related  
9 infrastructure supporting these facilities. These repurposed in-service facilities  
10 represented approximately \$12.8M of net plant (excluding general plant assets<sup>4</sup>) at  
11 March 31, 2020. An aerial photograph, with items identified in purple remaining in use,  
12 is provided in Figure 2.

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<sup>4</sup> General plant assets include items such as office furniture/equipment and computer, communication, and transportation equipment.



1 Figure 2 – Remaining Facilities Indicated in Purple

2 **Q. Why was Asbury chosen for the Renewable Operations Center?**

3 A. Asbury’s centralized location relative to the Wind Projects made the site an ideal  
4 candidate on location alone. Other attributes that led to the decision to host the  
5 renewable operations center at Asbury include warehouse and office facilities that met  
6 Vestas’ minimum space requirements, ample parking, no schedule impacts due to  
7 building construction, existing fiber communication lines, co-located point of  
8 interconnection with North Fork Ridge, existing Company networking infrastructure,  
9 offices and break rooms meeting Company requirements, and no additional permitting  
10 or zoning requirements. The repurposing of these assets came with minimal additional  
11 investment which would have otherwise been required nearly immediately, saving our  
12 customers money.

1 A large part of the workforce that previously supported Asbury Unit 1 had spent most  
2 of their careers there, and, as such, had housing and family plans built around working  
3 from the Asbury location. Maintaining the operations center at Asbury and primarily  
4 staffing with legacy employees allowed an easy and welcomed transition for those  
5 employees. For all of these reasons, Liberty-Empire was excited to choose the Asbury  
6 campus for repurposing.

7 **Q. What work must be completed to operate the Asbury Renewable Operations**  
8 **Center?**

9 A. Currently, the Asbury Renewable Operations Center is fully operational. Minimal  
10 improvements were made to create a new control room in the existing office building.  
11 However, as the decommissioning and demolition plan proceeds for Unit 1, the  
12 infrastructure providing power, water, sewer, fire protection, etc. to the plant must be  
13 de-energized and isolated to safely perform the demolition work. This will create the  
14 need to install a new 12kV power source and install new utilities at the Asbury  
15 Renewable Operations Center. These items are identified and described within the  
16 Confidential Direct Exhibit DL-1, Isolation Study, p. 78-97. The Asbury Renewable  
17 Operations Center staff are currently expanding upon the Isolation Study as part of  
18 Phase 2 work to create engineered plans and specifications to perform the isolations.  
19 While the full scoping of the work has not been completed, current cost estimates of  
20 these improvements are approximately \*\* [REDACTED] \*\* and anticipated to be in service  
21 in 2022.

22 **Q. What other items will the Asbury Renewable Operations Center support for the**  
23 **company?**

1 A. The Asbury Renewable Operations Center will also host the Company's Site Services  
2 Group. This is a group of skilled union employees that will maintain the balance of  
3 plant for the Wind Projects and support the Company's other generation plants. These  
4 employees ultimately report to the Plant Director – Wind.

5 **Q. Has the Company explored other options for the facility?**

6 A. Yes, during the Phase 1 study a lot of effort was put into the potential to repurpose  
7 Asbury Unit 1 to host additional renewables and/or battery storage. The Company went  
8 as far as soliciting proposals to perform an energy storage assessment to repurpose the  
9 structure for flow batteries and other technologies. These efforts to reuse the plant  
10 systems and the steel and concrete structure of Unit 1 were abandoned before  
11 performing any detailed study or engineering. It did not take long to find that reusing  
12 specific purpose-built systems and structures that contain asbestos, fifty-year-old  
13 motors, valves, wires and pipes, with limited detailed digital drawings did not align  
14 with the Company's current preferred plan for renewable generation additions. The  
15 Company continues to search for economic and value-enhancing proposals for  
16 expanding the reuse of the remaining facilities and infrastructure and expects to do so  
17 well into the future. The Company's Integrated Resource Plan will continue to be the  
18 platform by which these opportunities are analyzed. It is one of Liberty-Empire's key  
19 focuses to continue the drive of sustainability and reuse of our natural resources.  
20 Finding a secondary use for a mine-mouth coal-fired power plant's land, substructure,  
21 superstructure, and campus would be a great reuse of our resources. Should an  
22 opportunity present itself, the Company will keep stakeholders informed.

23 **VII. CONCLUSION**

24 **Q. Please briefly summarize your direct testimony.**

1 A. The Company is currently working on a three-phased decommissioning plan of the  
2 retired Asbury Power Plant. The decision has been made, with support from Black and  
3 Veatch, to demolish the Unit 1 structure and ancillary facilities. Phase 2 is currently  
4 underway to prepare for and develop the scope of work for the demolition. Phase 3 will  
5 entail the demolition of Unit 1 estimated to be completed in 2024 at a current estimate  
6 of \*\*[REDACTED]\*\*. In order to reduce costs and utilizing existing infrastructure to support  
7 our customers, the Company established a renewable operations center at Asbury. In  
8 doing so, the Company successfully repurposed tens of millions of dollars in assets  
9 while avoiding additional investments. Finally, the Company has and will continue to  
10 analyze and search for new opportunities for additional repurposing of retired assets at  
11 this location.

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

13 A. Yes.

CONFIDENTIAL IN ITS ENTIRETY

CONFIDENTIAL IN ITS ENTIRETY

**CERTIFICATION**

The undersigned, Drew Landoll, deposes and states that he is Director, Strategic Projects, that he has personal knowledge of the matters set forth in the foregoing responses and the information contained therein is true and accurate to the best of his information, knowledge and belief after reasonable inquiry.

*/s/ Drew W. Landoll* \_\_\_\_\_

Drew W. Landoll