

**BEFORE THE WASHINGTON  
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,**

**Complainant,**

**v.**

**PUGET SOUND ENERGY,**

**Respondent.**

**DOCKET UE-190882**

**EXHIBIT TO  
TESTIMONY OF**

**David C. Gomez**

**STAFF OF  
WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION**

*Pacific Power's Response to UTC Staff Data Request No. 314*

**January 10, 2020**



January 6, 2020

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RE: **WA UE-190882**  
WUTC Data Request (312-314)

Please find enclosed Pacific Power & Light Company's Responses to WUTC Data Requests 312-314.

If you have any questions, please call me at 503-813-5410.

Sincerely,

\_\_\_\_/s/\_\_\_\_  
Ariel Son  
Regulatory Affairs Manager

Enclosures

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UE-190882 / Pacific Power & Light Company  
January 6, 2020  
WUTC Data Request 312

### **WUTC Data Request 312**

Have Colstrip Units 3 or 4 ever burned coal treated with pre-combustion coal additive technologies between February 2018 through June 2018, including but not limited to those supplied by Tinnum Group? If yes, provide: (1) the dates when these chemicals were applied; (2) the area of the Rosebud mine that the coal came from.

### **Response to WUTC Data Request 312**

The company assumes that the reference to “Tinnum Group” is intended to be “Tinnum Group, LLC.”

Yes. Since 2010, the operators of Colstrip Units 3 and 4 have added Calcium Bromide to their coal supply for mercury reduction. From February 2018 to June of 2018, Area C coal was used except for troubleshooting efforts in late June 2018 where Area A coal was used.

There are no additives provided by Tinnum.

UE-190882 / Pacific Power & Light Company  
January 6, 2020  
WUTC Data Request 313

### **WUTC Data Request 313**

In the supplemental testimony submitted by Chuck Tack in Docket UE-190882, he refers to Exhibit CLT-7, which is a “spreadsheet that was used by Talen to track plant parameters (unofficial MATS PM results) while evaluating the impacts from troubleshooting efforts.”

SUBPART A: In reference to Exhibit CLT-7, where it is indicated that coal was treated with pre-combustion coal additive technologies, including but not limited to those supplied by Tinnum Group?

SUBPART B: In reference to Exhibit CLT-7, affirmatively or negatively state whether the use of coal treated with pre-combustion coal additive technologies, including but not limited to those supplied by Tinnum Group, in any way improved or worsened the unofficial MATS PM result parameters. If so, provide the underlying/supporting data.

### **Response to WUTC Data Request 313**

- A) PacifiCorp does not see a reference to “coal treated with pre-combustion coal additive technologies” in Company Confidential Exhibit CLT-7.
- B) The only pre-combustion coal additive PacifiCorp knows of that is used at Colstrip Units 3 and 4 is calcium bromide which helps with mercury reduction. This has been in place since 2010.

UE-190882 / Pacific Power & Light Company  
January 6, 2020  
WUTC Data Request 314

### **WUTC Data Request 314**

In the supplemental testimony submitted by Chuck Tack in Docket UE-190882, he states that Area A coal was burned as a way of investigating whether coal from a different location would have any impact on PM levels.

SUBPART A: Please provide the dates on when Area A coal was burned in Units 3 or 4 in the time period between February 2018 through June 2018.

SUBPART B: Was Area A coal used in the Colstrip Unit 3 official MATS PM compliance test conducted on June 21, 2018?

SUBPART C: Was Area A coal used in the Colstrip Unit 4 official MATS PM compliance test conducted on June 26, 2018?

### **Response to WUTC Data Request 314**

- A) Talen stated that they requested Area A coal in approximately the middle of June. It usually takes 2-4 days from the time the mine ships the coal to being burned in the boiler. They also stated that in mid-July they were back on Area C coal.
- B) Yes. Area A coal was being delivered during official Mercury and Air Toxic Standards (MATS) particulate matter (PM) compliance test.
- C) Yes. Area A coal was being delivered during official MATS PM compliance test.