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UTILITIES COMMISSION

May 7, 2018

#### VIA OVERNIGHT DELIVERY

Idaho Public Utilities Commission 472 West Washington Boise, ID 83702

Attention:

Diane Hanian

Commission Secretary

# RE: PAC-E-17-03 – PACIFICORP'S APPLICATION FOR ACKNOWLEDGEMENT OF THE 2017 INTEGRATED RESOURCE PLAN

Dear Ms. Hanian:

Enclosed herein for filing is a correction to PacifiCorp's 2017 IRP Update. Specifically, PacifiCorp requests that the enclosed corrected page 101 of Chapter 7 – Energy Vision 2020 Update to the 2017 IRP Update replace the original page 101 of Chapter 7 in its entirety. The filing also includes a redline showing the only correction made to page 101 was to correct the year referenced in the last sentence of the second full paragraph to read "...assuming commercial operation by the end of **2020**", and not "2021".

Note this change does not affect the preferred portfolio, inputs or outcomes of the 2017 IRP Update, and does affect any other materials provided. PacifiCorp has also made this correction to the 2017 IRP Update available online at <a href="https://www.pacificorp.com/irp">www.pacificorp.com/irp</a>.

Informal inquiries may be directed to Ted Weston, Idaho Regulatory Manager, at (801) 220-2963.

Sincerely,

Vice President, Regulation

**Enclosures** 

cc: Jim Yost, Idaho Governor's Office (without enclosures)

Benjamin Otto, Idaho Conservation League (without enclosures)

Mark Stokes, Idaho Power Company (without enclosures)
Terri Carlock, Idaho Public Utilities Commission staff
Mike Louis, Idaho Public Utilities Commission staff

Randall Budge, (Monsanto) (without enclosures)

Nancy Kelly, Western Resource Advocates (without enclosures)

reviews and approvals, and successful transmission rights of way (ROW) acquisition, PacifiCorp fully expects it will successfully meet the requirements necessary to ensure eligibility for 100 percent of the PTCs.

## **Updated Data and Assumptions**

During the period between the April 4, 2017 filing of the 2017 IRP and the preparation of this 2017 IRP Update, PacifiCorp has continued to refine its economic analysis supporting the Combined Projects. In addition to the assumption updates summarized earlier in this chapter, the updated analysis of the Combined Projects incorporates the most current cost-and-performance assumptions.

#### **Wind Projects**

Table 7.7 presents the winning wind bids from the 2017R RFP. The updated best-and-final pricing received on December 21, 2017 was used in the model analysis to establish the winning projects, and the model results are presented later in this chapter. The total capacity of the winning bids is 1,311 MW, assuming commercial operation by the end of 2020.

**Table 7.7 - 2017R RFP Final Shortlist** 

Project Name (Bidder)	Location	Capacity (MW)
TB Flats I & II (PacifiCorp)	Carbon & Albany Counties, WY	500
Cedar Springs (NextEra Energy Acquisitions)	Converse County, WY	400
Ekola Flats (PacifiCorp)	Carbon County, WY	250
Uinta (Invenergy Wind Development)	Uinta County, WY	161

The TB Flats I & II and Ekola Flats projects are company-benchmark resources that will be developed under engineer, procure, and construction (EPC) agreements. The Uinta project is being developed by Invenergy Wind Development under a build-transfer agreement (BTA). The Cedar Springs project is being developed by NextEra Energy Acquisitions as a 50-percent BTA and a 50-percent power-purchase agreement (PPA). In total, the updated final shortlist includes 361 MW that will be developed under BTAs, 750 MW of benchmark capacity that will be developed under EPC agreements, and 200 MW that will deliver energy and capacity under a PPA.

In aggregate, the winning bids are expected to operate at a capacity-weighted average annual capacity factor of 39.4 percent.

#### **Transmission Interconnection-Restudy Process**

Separate from the 2017R RFP process, the company completed an interconnection-restudy process to ensure that interconnection studies reflected the most current long-term transmission plan to construct the Aeolus-to-Bridger/Anticline D.2 segment of the Energy Gateway project by the end of 2020. PacifiCorp transmission restudied, in serial interconnection-queue order, interconnection requests that do not already have an interconnection agreement to determine whether the staging

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