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June 29, 2018



Mr. Darrell Nitschke
North Dakota Public Service Commission
State Capitol
600 East Boulevard, Dept. 408
Bismarck, ND 58505-0408

**PUBLIC DOCUMENT – NOT PUBLIC
(OR PRIVILEGED) DATA HAS BEEN
EXCISED**

RE: PURPA Section 210 Biennial Report

Dear Mr. Nitschke:

Otter Tail Power Company (Otter Tail) hereby submits its PURPA Section 210 Biennial Report (Report) in compliance with 18 Code of Federal Regulations 292.302 and Section 210, under Title II, of the Public Utility Regulatory Policies Act of 1978 (PURPA) to the North Dakota Public Service Commission (Commission).

Enclosed are an original (unbound) and four copies of the PUBLIC version of this report. An electronic copy has been sent to the Commission as well. Also enclosed is an original **NOT PUBLIC** copy of this report. It is provided in a sealed envelope labeled **PROTECTED INFORMATION-PRIVATE** along with Otter Tail's Application for Trade Secret Protection.

If you have any questions regarding this filing, please contact me at (218) 739-8417 or bhdraxten@otpc.com.

Sincerely,

Brian Draxten
Manager, Resource Planning

kaw
Enclosure
By electronic filing and U.S. mail

1 **PU-18-225** Filed: 6/29/2018 Pages: 7
2018 PURPA Section 210 Biennial Report - redacted

PUBLIC UTILITIES REGULATORY POLICIES ACT

TITLE II - SECTION 210

REPORT OF

Otter Tail Power Company
215 South Cascade Street
Fergus Falls, MN 56537
(218) 739-8417

TO THE

MINNESOTA PUBLIC UTILITIES COMMISSION
NORTH DAKOTA PUBLIC SERVICE COMMISSION
SOUTH DAKOTA PUBLIC UTILITIES COMMISSION

June 29, 2018

PREFACE

Otter Tail Power Company, a Minnesota corporation, hereby makes available its system data in accordance with 18 CFR § 292.302(b) and Section 210 of the Public Utility Regulatory Policies Act of 1978 (PURPA). Otter Tail Power Company's total sales of electric energy for purposes other than resale exceeded the threshold for reporting of 500 million kilowatt-hours in a calendar year. These sales represent sales that occurred in Otter Tail Power Company's jurisdictional service areas in the states of Minnesota, North Dakota and South Dakota.

ELECTRIC UTILITY INFORMATION

Submitted by: OTTER TAIL POWER COMPANY, A MINNESOTA CORPORATION

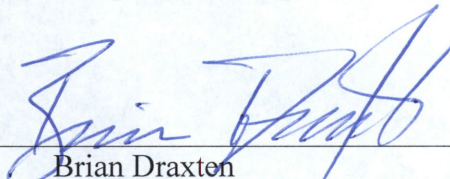
In Compliance With

18 Code of Federal Regulations Section 292.302
Public Utility Regulatory Policies Act, Title II – Section 210

Reporting Period: Biennial filing for year 2018

ATTESTATION: I have prepared or supervised the preparation of the information presented herewith, and I certify that it is as complete and accurate as the records of the respondent will permit, to the best of my knowledge and belief.

SIGNATURE: _____



Brian Draxten
Manager, Resource Planning
215 South Cascade Street
Fergus Falls, MN 56537
(218) 739-8417

Date Submitted: June 29, 2018

Otter Tail Power Company
Public Utility Regulatory Policies Act
Title II – Section 210
Biennial Report (June 29, 2018)

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Section: 292.302 (b) (1)

DESCRIPTION: For all blocks of energy, the estimated avoided energy costs are expressed in cents per kilowatt-hour for daily on-peak and off-peak periods for each year from 2018 through 2023.

Summer On-Peak: June 1 through September 30 including those hours from 8:00 a.m. to 10:00 p.m. Monday through Friday, excluding holidays.

Winter On-Peak: October 1 through May 31 including those hours from 7:00 a.m. to 10:00 p.m. Monday through Friday, excluding holidays.

Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

[PROTECTED DATA BEGINS...

...PROTECTED DATA ENDS]

Section: 292.302 (b) (2) – (3)

DESCRIPTION: Utility's plan for additions of capacity by amount and type, for purchases of firm energy and capacity, and for capacity retirements for each year during the succeeding 10 years 2018-2027.

Consistent with Otter Tail's preferred plan in the 2016 Integrated Resource Plan (MN Docket E017/RP-16-386; also filed with the North Dakota Public Service Commission and the South Dakota Public Utilities Commission), Otter Tail plans for the following resource additions over the next 10 years:

<u>Year</u>	<u>Nameplate Capacity</u>	<u>Resource Type</u>
2019-2020	150 MW	Wind
2020-2023	30 MW	Solar
2021	248 MW	Natural Gas combustion turbine

Otter Tail plans for the retirement of coal fired Hoot Lake Plant unit 2 (58.7 MW nameplate/installed capacity) and unit 3 (81.4 MW nameplate/installed capacity) in 2021.

Otter Tail Power Company
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Title II – Section 210
Biennial Report (June 29, 2018)

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Section: 292.302 (b) (2) – (3)

DESCRIPTION: Estimated capacity costs at completion of the planned capacity additions and planned capacity firm purchases on a dollars per kilowatt basis, and associated energy costs of each unit expressed in cents per kilowatt-hour. These costs shall be expressed in terms of individual generating units and of individual planned firm purchases.

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