

refer back to the middle of the last century rather than the present day, for example:

1. The 0 to 2 psig test pressure for steam boilers may be perfectly adequate for residential and small commercial (cast iron) boilers sized boilers, however is not compatible with large boilers as it will cause water carryover in large quantities, and an inability to meet design water flow rates and firing rates. Typically test pressures in range 10 to 12 psig are required.

2. Test temperatures defined for hot water boilers are guaranteed to cause thermal shock problems in large boilers.

3. The instrumentation chart, Table 1, has several problem areas, as follows:

a. Steam pressure cannot be measured by mercury manometer as the use of mercury in instruments and controls is banned. The correct instrument is a Bourdon Tube Gauge 0 to 30 psig

b. Large boilers typically fire into a positive pressure combustion chamber, thus gas pressure, firebox pressure and vent/flue pressure instruments all need to reflect this.

c. The use of scales to measure water/condensate/moisture flow rates is incompatible with the sheer volume of these fluids being used or generated by large boilers. Water flow meters should be used and in the case of moisture content, current practice is to use a throttling calorimeter.

d. The measurement of carbon dioxide as a means of calculating excess air or oxygen is considered obsolete in the large boiler industry. Direct measurement of excess oxygen is the preferred method as modern oxygen meters can easily be calibrated against the oxygen in the ambient air.

e. Carbon Monoxide levels are no longer measured as a percentage. The current preferred unit is ppm.

ANSI/AHRI 1500–2015 has taken into account these changes.

C. Paragraph 431.86(c)(2)(iii)(B) Rating. This paragraph specifies that for boilers capable of supplying either steam or hot water, that they are tested on steam only, the hot water efficiency shall be based on the testing in the steam mode. We propose to use an adjusted steam efficiency for hot water when testing on steam only. The adjustment is made to the measured stack temperature to be used in calculating efficiency based on the relative difference between the flue gas temperature and the bulk fluid temperature, when operating on steam versus hot water, using the following relationship:

$$T_{\text{stackhw}} = (T_{\text{stacksteam}} - T_{\text{sat}}) + T_{\text{bulkhw}}$$

Where:

T_{stackhw} = Stack temperature to be used to determine the efficiency on hot water

$T_{\text{stacksteam}}$ = Measured stack temperature when testing on steam

T_{sat} = Saturation temperature of steam at the test pressure

T_{bulkhw} = 180 °F

The dominant heat transfer variable for both steam and hot water boilers is the gas side coefficient and there is very little difference in the overall heat transfer coefficient between steam and hot water boilers. It is possible therefore to determine what a hot water boiler stack temperature will be, based on a steam test and the bulk fluid temperature difference within the boiler. We believe that using this adjusted stack temperature to calculate efficiency is a more accurate representation of the actual efficiency when operating as a hot water boiler than simply using the steam efficiency value.

The basic York-Shipley Global—Division of AESYS Technologies, LLC model series for which this request is applicable to, are as follows:

- York-Shipley Global—Series 400C and 500C
- Centerline Furnace—Dryback Configuration—ASME SCIV
- York-Shipley Global—Series 400L and 500L
- Low-Offset Furnace—Waterback Configuration—ASME SCIV

Other known Manufacturers of similar products are listed below. These manufacturers will be notified by York-Shipley Global—Division of AESYS Technologies, LLC of this waiver, if and when the deviation is granted, in accordance with paragraph 431.401(c).

Bryan Steam
Burnham Commercial
Cleaver Brooks
Easco
Fulton Boiler Works
Hurst
Johnston Boiler Company
Lattner Boiler Company
Miura
Precision Boilers LLC
Superior Boiler Works
Unilux
Vapor Power International LLC
Victory Energy Operations LLC
Williams & Davis

We kindly request your consideration for this waiver. If there are any further comments or concerns, please feel free to call.

Sincerely,
York-Shipley Global
Division of AESYS Technologies, LLC

Kevin J. Hoey
President & CEO

cc. File (15–0721 AESYS US–DOE
Waiver Request R2)
S. Lynch—ABMA

[FR Doc. 2016–08749 Filed 4–14–16; 8:45 am]

BILLING CODE 6450–01–P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

Combined Notice of Filings #1

Take notice that the Commission received the following electric corporate filings:

Docket Numbers: EC16–88–000.

Applicants: The Empire District Electric Company, Liberty Utilities (Central) Co.

Description: Supplement to March 16, 2016 Application for Authorization for Disposition of Jurisdictional Facilities of The Empire District Electric Company, et al.

Filed Date: 4/8/16.

Accession Number: 20160408–5339.

Comments Due: 5 p.m. ET 4/22/16.

Take notice that the Commission received the following electric rate filings:

Docket Numbers: ER10–2265–010; ER14–1818–010; ER12–261–018; ER12–1239–007; ER12–1238–007; ER11–4308–019; ER11–4307–019; ER11–2805–018; ER11–2508–018; ER11–2108–010; ER11–2107–010; ER11–2062–019; ER10–2888–019; ER10–2385–008; ER10–2382–008; ER10–2369–007; ER10–2368–007; ER10–2361–003; ER10–2357–008; ER10–2340–012; ER10–2338–012.

Applicants: NRG Power Marketing LLC, Boston Energy Trading and Marketing LLC, Broken Bow Wind, LLC, CP Power Sales Nineteen, L.L.C., CP Power Sales Twenty, L.L.C., Crofton Bluffs Wind, LLC, Elkhorn Ridge Wind, LLC, Energy Plus Holdings LLC, GenOn Energy Management, LLC, Green Mountain Energy Company, Independence Energy Group LLC, Laredo Ridge Wind, LLC, North Community Turbines LLC, North Wind Turbines LLC, Norwalk Power LLC, Reliant Energy Northeast LLC, RRI Energy Services, LLC, San Juan Mesa Wind Project, LLC, Sleeping Bear, LLC, Taloga Wind, LLC, Wildorado Wind, LLC.

Description: Supplement to December 31, 2015 Updated Market Power Analysis for the Southwest Power Pool Region of NRG SPP MBR Sellers.

Filed Date: 4/11/16.

Accession Number: 20160411–5135.
Comments Due: 5 p.m. ET 5/2/16.
Docket Numbers: ER10–3079–010.
Applicants: Tyr Energy LLC.
Description: Supplement to December 28, 2015 Updated Market Power Analysis of Tyr Energy, LLC.
Filed Date: 4/8/16.
Accession Number: 20160408–5312.
Comments Due: 5 p.m. ET 4/29/16.
Docket Numbers: ER12–2600–001.
Applicants: American Illuminating Company, LLC.
Description: Notice of Material Change in Status of American Illuminating Company, LLC.
Filed Date: 4/11/16.
Accession Number: 20160411–5134.
Comments Due: 5 p.m. ET 5/2/16.
Docket Numbers: ER13–77–009.
Applicants: Tucson Electric Power Company.
Description: Compliance filing: Attachment K Compliance Filing to be effective 6/3/2015.
Filed Date: 4/11/16.
Accession Number: 20160411–5000.
Comments Due: 5 p.m. ET 5/2/16.
Docket Numbers: ER16–206–003.
Applicants: Midcontinent Independent System Operator, Inc., ITC Midwest LLC.
Description: Compliance filing: 2016–04–11 SA 2862 ITC Midwest-WPL FSA (G870) Compliance Filing to be effective 11/1/2015.
Filed Date: 4/11/16.
Accession Number: 20160411–5110.
Comments Due: 5 p.m. ET 5/2/16.
Docket Numbers: ER16–1375–000.
Applicants: PJM Interconnection, L.L.C., Trans-Allegheny Interstate Line Company, American Transmission Systems, Incorporated, Monongahela Power Company, West Penn Power Company, The Potomac Edison Company, Pennsylvania Electric Company.
Description: § 205(d) Rate Filing: American Transmission Systems, Inc., et al. Filing of Revised Service Agreement to be effective 5/20/2016.
Filed Date: 4/8/16.
Accession Number: 20160408–5305.
Comments Due: 5 p.m. ET 4/29/16.
Docket Numbers: ER16–1376–000.
Applicants: Taloga Wind, LLC.
Description: § 205(d) Rate Filing: Market-Based Rate Tariff Revisions to be effective 4/12/2016.
Filed Date: 4/11/16.
Accession Number: 20160411–5199.
Comments Due: 5 p.m. ET 5/2/16.
Docket Numbers: ER16–1377–000.
Applicants: Midcontinent Independent System Operator, Inc., Otter Tail Power Company.

Description: § 205(d) Rate Filing: 2016–04–11 SA 2915 Otter Tail Power-Minnkota Power FCA (Warsaw Substation) to be effective 4/12/2016.
Filed Date: 4/11/16.

Accession Number: 20160411–5228.
Comments Due: 5 p.m. ET 5/2/16.

Docket Numbers: ER16–1378–000.
Applicants: Rocky Mountain Reserve Group.

Description: Compliance filing: Re-baseline to be effective 4/15/2016.

Filed Date: 4/11/16.

Accession Number: 20160411–5233.
Comments Due: 5 p.m. ET 5/2/16.

The filings are accessible in the Commission's eLibrary system by clicking on the links or querying the docket number.

Any person desiring to intervene or protest in any of the above proceedings must file in accordance with Rules 211 and 214 of the Commission's Regulations (18 CFR 385.211 and 385.214) on or before 5:00 p.m. Eastern time on the specified comment date. Protests may be considered, but intervention is necessary to become a party to the proceeding.

eFiling is encouraged. More detailed information relating to filing requirements, interventions, protests, service, and qualifying facilities filings can be found at: <http://www.ferc.gov/docs-filing/efiling/filing-req.pdf>. For other information, call (866) 208–3676 (toll free). For TTY, call (202) 502–8659.

Dated: April 11, 2016.

Nathaniel J. Davis, Sr.,

Deputy Secretary.

[FR Doc. 2016–08686 Filed 4–14–16; 8:45 am]

BILLING CODE 6717–01–P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Project No. 12514–074]

Northern Indiana Public Service Company; Notice of Technical Conference and Public Meeting To Discuss Proposed Operational Changes at the Norway-Oakdale Project

a. Date and Time of Meetings: A technical conference will be held with Northern Indiana Public Service Company (NIPSCO), U.S. Fish and Wildlife Service, other resource agencies, and non-governmental organizations on Tuesday May 10, 2016, from 9:00 a.m. to 12:00 p.m. (EDT). A public meeting will be held Tuesday May 10, 2016, from 6:00 p.m. to 9:00 p.m. (EDT). Although the technical

conference is primarily designed for resource agencies and non-governmental organizations, anyone may attend one or both of these meetings.

b. Location for both meetings: Sportsman Inn, 12340 N Upper Lakeshore Dr., Monticello, Indiana 47960. (574) 583–5133.

c. FERC Contact: Mark Pawlowski at (202) 502–6052 or email at mark.pawlowski@ferc.gov.

d. Purpose of Technical Conference: Commission staff will meet with NIPSCO, the resource agencies, and non-governmental organizations to discuss NIPSCO's proposed operational changes to protect threatened and endangered mussels in the Tippecanoe River downstream of Oakdale dam. We will discuss the several hydraulic analyses that have been performed, effects on lake levels in project reservoirs, alternatives to NIPSCO's proposal, and Commission staff's analysis in the Draft Environmental Assessment (DEA) issued October 10, 2015.

Purpose of Public Meeting: Commission staff is providing the public and other stakeholders another opportunity to provide comments on Commission staff's DEA and any alternatives to NIPSCO's proposal. Staff will be available to answer any questions on the DEA.

e. At the technical meeting resource agencies, and non-governmental organizations will participate in a technical discussion regarding NIPSCO's proposed operational changes to protect threatened and endangered mussels and alternatives to NIPSCO proposal. A summary of the technical meeting will be prepared for the Commission's public record for the project. The public meeting will be recorded by a court reporter and all statements (verbal and written) will become part of the Commission's public record for the project.

f. All local, state, and federal agencies, Indian tribes, and other interested parties are invited to attend. Please call Mark Pawlowski at (202) 502–6052 or send an email to mark.pawlowski@ferc.gov by May 6, 2016, to register to attend the morning meeting. No registration is required to attend the evening meeting.

Dated: April 11, 2016.

Nathaniel J. Davis, Sr.,

Deputy Secretary.

[FR Doc. 2016–08688 Filed 4–14–16; 8:45 am]

BILLING CODE 6717–01–P