**North American Energy Standards Board**

**Request for Initiation of a NAESB Business Practice Standard, Model Business Practice or Electronic Transaction**

**or**

**Enhancement of an Existing NAESB Business Practice Standard, Model Business Practice or Electronic Transaction**

**Instructions:**

**1. Please fill out as much of the requested information as possible. It is mandatory to provide a contact name, phone number and fax number to which questions can be directed. If you have an electronic mailing address, please make that available as well.**

**2. Attach any information you believe is related to the request. The more complete your request is, the less time is required to review it.**

**3. Once completed, send your request to:**

**Rae McQuade**

**NAESB, President**

**801 Travis, Suite 1675**

**Houston, TX 77002**

**Phone: 713‑356‑0060**

**Fax: 713‑356‑0067**

**by either mail, fax, or to NAESB’s email address, naesb@naesb.org.**

**Once received, the request will be routed to the appropriate subcommittees for review.**

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Date of Request: November 23, 2021

1. Submitting Entity & Address:

Southwest Power Pool

201 Worthen Drive

Little Rock, AR 72223

2. Contact Person, Phone #, Fax #, Electronic Mailing Address:

Name : Michael Desselle

Title : Vice President, Chief Compliance and Administrative Officer

Chairman, NAESB Board of Directors

Phone : (501) 614-3206

Fax : (501) 664-9553

E‑mail : mdesselle@spp.org

1. Title and Description of Proposed Standard or Enhancement:

Title: Standards Development to Support Enhanced Communication Between the Natural Gas and Electric Markets During Impending Extreme Weather-Related Emergency Operating Condition

Description: After review and unanimous endorsement by the NAESB Gas Electric Harmonization Committee on November 23, 2021, and in response to the FERC, NERC Joint Inquiry into 2021 Cold Weather Grid Operations, SPP is proposing that the NAESB Wholesale Electric Quadrant (WEQ), working jointly with the NAESB Wholesale Gas Quadrant (WGQ), consider standards development to support improved communication between the natural gas and electric markets during weather-related emergency operating conditions. Specifically, NAESB should investigate and consider the development of new standards and/or update its existing standards to:

1. Define a standard for the declaration of an Impending Extreme Weather-Related Emergency Operating Conditions by Balancing Authorities and Natural Gas Pipelines consistent with other industry designations.
2. Create standard designations of Critical Electric Infrastructure Facilities during Impending Extreme Weather-Related Emergency Operating Conditions consistent with other industry designations
3. Create standard designations of Critical Natural Gas Infrastructure Facilities that are essential to the operations of Critical Electric Infrastructure Facilities during Impending Extreme Weather-Related Emergency Operating Conditions consistent with other industry designations.
4. Define standards and communication protocols that support commercial information sharing between critical parties during Impending Extreme Weather-Related Emergency Operating Conditions.
5. Use of Proposed Standard or Enhancement (include how the standard will be used, documentation on the description of the proposed standard, any existing documentation of the proposed standard, and required communication protocols):

A. Pipelines should identify Critical Natural Gas Infrastructure Facilities.

B. Critical Natural Gas Infrastructure Facilities should include:

1. Natural gas pipelines requiring electricity to control and/or measure natural gas deliveries to Critical Electric Infrastructure Facilities requiring natural gas to generate electricity.
2. Electric powered natural gas compressors required to transport gas to, or on, pipelines delivering natural gas to Critical Electric Infrastructure Facilities requiring natural gas to generate electricity.
3. Natural gas processing facilities requiring electricity in order to provide pipeline quality gas to, or on, pipelines delivering natural gas to Critical Electric Infrastructure Facilities requiring natural gas to generate electricity.
4. Natural gas gathering facilities requiring electricity to control and/or measure flows into facilities required to transport, or process, natural gas to, or on, pipelines delivering natural gas to Critical Electric Infrastructure Facilities requiring natural gas to generate electricity.

C. Balancing Authorities should identify Critical Electric Infrastructure Facilities

D. Critical Electric Infrastructure Facilities should include:

1. Electric generating facilities, including those requiring natural gas to generate electricity, required to meet demand for electricity, including electricity to enable Critical Natural Gas Infrastructure Facilities to operate.

E. Balancing Authorities and Natural gas pipelines should identify what constitutes an Impending Extreme Weather-Related Emergency Operating Condition

F. An Impending Extreme Weather-Related Emergency Operating Condition should include:

1. Temperature and wind speed conditions which are such that significant freezing of Critical Natural Gas Infrastructure Facilities can occur.
2. Temperature and wind speed conditions which are such that significant freezing of Critical Electric Infrastructure Facilities can occur.
3. Temperature and wind speed conditions which are such that significant increases in electricity demand can occur.
4. Temperature and wind speed conditions which are such that significant increases in natural gas demand can occur.

G. Balancing Authorities and Natural gas pipelines should recognize that any one of the above weather conditions will constitute Impending Extreme Weather-Related Emergency Operating Conditions.

H. Standard information sharing and communication protocols to support electricity scheduling/service priorities should be developed by Balancing Authorities for the purpose of providing service to Critical Natural Gas Infrastructure Facilities when Impending Extreme Weather-Related Emergency Operating Conditions exist.

I. Standard information sharing and communication protocols to support natural gas scheduling/service priorities should be developed by Pipelines for the purpose of providing service to Critical Electric Infrastructure Facilities when Balancing Authority(ies) when Impending Extreme Weather-Related Emergency Operating Conditions exist.

5. Description of Any Tangible or Intangible Benefits to the Use of the Proposed Standard or Enhancement:

Improved communications and information sharing between the natural gas pipelines, balancing authorities and electric generating facilities in the event of extreme weather related conditions to support scheduling/service priorities for critical assets in the supply chain will mitigate and/or avoid load shedding events that impact their operations

6. Estimate of Incremental Specific Costs to Implement Proposed Standard or Enhancement:

Unknown at this time

7. Description of Any Specific Legal or Other Considerations:

Standards developed in support of this standards request should be consistent with NAESB WEQ Business Practice Standard No. WEQ-011-01.1 and NAESB WGQ Standard No. WGQ 0.3.11. These standards do not convey any rights or services beyond or in addition to those contained in the TSP’s tariff and/or general terms and conditions and/or do not impose any obligations that would otherwise be inconsistent with the requirements of applicable regulatory authorities. These communication standards should be used in addition to the NAESB WGQ standard nomination timeline and scheduling processes for the TSP’s contract / tariff services. In the event of a conflict between any of these communication standards and the TSP’s tariff or general terms and conditions, the latter will prevail.

8. If This Proposed Standard or Enhancement Is Not Tested Yet, List Trading Partners Willing to Test Standard or Enhancement (Corporations and contacts):

Trading partners have not yet been identified.

9. If This Proposed Standard or Enhancement Is In Use, Who are the Trading Partners:

The proposed standards are not currently in use.

10. Attachments (such as : further detailed proposals, transaction data descriptions, information flows, implementation guides, business process descriptions, examples of ASC ANSI X12 mapped transactions):

NA