

PROJECT DESCRIPTION AND ASSURANCES DOCUMENT (PDAD)

Project title: Minnesota Power HVDC (High-Voltage Direct-Current) **Terminal Expansion Capability (HTEC) Project** (Concept Paper title was HVDC Modernization Project)

Applicant Name: ALLETE, Inc. d/b/a/ Minnesota Power

Applicant Address: 30 West Superior Street, Duluth MN 55802

Names of all team member organizations (if applicable): N/A

Principal Investigator (Name, Address if different than Applicant's, Phone Number, E-mail):

Peter Schommer, 218-355-2639 (office), 651-253-0661 (cell), pschommer@mnpower.com

Business Point of Contact (Name, Address if different than Applicant's, Phone Number, E-mail):

David Chura, 218-355-3280 (office), 218-348-0787 (cell), dchura@mnpower.com

Include any statements regarding confidentiality. N/A

Federal Share: \$50,000,000

Cost Share: \$54,116,574

Total Estimated Project Cost: \$104,116,574

Item 1: Specify (mark with "X") the FOA Topic Area and as applicable the Area of Interest (AOI):

_____ Topic Area 1: **Grid Resilience Grants** (BIL section 40101(c))

 X Topic Area 2: **Smart Grid Grants** (BIL section 40107)

_____ Topic Area 3: **Grid Innovation Program** (BIL section 40103(b)) – Area of Interest 1
(Transmission System Applications)

_____ Topic Area 3: **Grid Innovation Program** (BIL section 40103(b)) – Area of Interest 2
(Distribution System Applications)

_____ Topic Area 3: **Grid Innovation Program** (BIL section 40103(b)) – Area of Interest 3
(Combination System Applications)

Items related to topic Areas 1 and 3 have been deleted.

TOPIC AREA 2 Specific

No items

Authorized Organizational Representative (AOR): please provide name, address, phone number and e- mail address for the authorized agent to bind the entity

Authorized Organizational Representative

(AOR): Name: Allan Rudeck Jr.

Address: 30 West Superior Street, Duluth MN 55802

Phone: 218-355-3480

E-mail: arudeck@allete.com

Item 8: Signature of Authorized Organizational Representative (AOR)

A handwritten signature in black ink, appearing to read "Allan Rudeck Jr.", with a large, stylized loop at the end.