PROJECT DESCRIPTION AND ASSURANCES DOCUMENT TEMPLATE (PDAD)

Project title: Enabling the Clean Energy Transition by Enhancing Grid Stability Using SmartValve Technology

Applicant Name: Algonquin Power Fund America, Inc.

Applicant Address: 2856 County Road 2000 N. Minonk, Illinois 61760-7615

Names of all team member organizations (if applicable): Algonquin Power Fund America, Inc., SmartWires

Principal Investigator (Name, Address if different than Applicant's, Phone Number, E-mail): Mark Phelan, 365-292-2672, Mark.Phelan@algonquinpower.com

Business Point of Contact (Name, Address if different than Applicant's, Phone Number, E-mail): Chris Edwards, 781-492-1341, Chris.Edwards@algonquinpower.com

Include any statements regarding confidentiality:

Federal Share: $42.9 million

Cost Share: $42.9 million

Total Estimated Project Cost: $85.8 million

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)

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

Organizational Representative (AOR):

Name: Erica von Pechmann

Address: 2856 County Road 2000 N. Minonk, Illinois 61760-7615
Phone: 737-268-4232

E-mail: Erica.VonPechmann@libertyutilities.com

Signature of Authorized Organizational Representative (AOR):
Erica von Pechmann
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