



An AEP Company

BOUNDLESS ENERGY

AEP Ohio
700 Morrison Road
Gahanna, OH 43230
AEPOhio.com

February 17, 2020

City of Columbus
Ms. Alana Shockey
910 Dublin Road
Columbus, OH 43215

Dear Ms. Shockey:

This letter ("Agreement"), effective as of the date of the last signature below, is entered into, by, and among Ohio Power Company ("AEP Ohio"), an Ohio corporation and the City of Columbus ("Columbus"), an Ohio municipality; AEP Ohio or Columbus may be referenced individually as a "Party" and collectively as the "Parties". Columbus may be referenced as the "Customer".

The purpose of this Agreement is to set forth certain understandings of the Parties to work cooperatively in areas of mutual interest for research, development, and demonstration of a distributed energy resources (DER) technology micro-grid project.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the Parties agree as follows:

The Parties agree to work cooperatively to research, engineer, and plan a micro-grid project (Project) that will both serve the Customer and provide a demonstration of microgrid technology. If approved through all necessary regulatory steps and authorized by a subsequent written agreement between the Parties that has been authorized and approved by the necessary Columbus officials, the micro-grid project will be installed to serve the Customer's Tussing Booster Station located at 3515 Hines Road in Pickerington, Ohio.

The proposed Project will consist of the following components: micro-grid control, operation and management system owned and operated by AEP Ohio; a battery energy storage system (BESS) and a solar photovoltaic system (solar PV) owned and operated by the Customer and located on the Customer's site. AEP Ohio will engineer, manage and operate the installation of the Project and provide the Customer a rebate to fund the BESS and solar PV in accordance with the stipulation and agreement (Case No. 16-1853-EL-AAM). Customer agrees to actively participate in the Project, to conduct testing of the resiliency of the Project, to maintain the BESS and solar PV, to allow AEP Ohio the ability to manage and operate the micro-grid controller for the benefit of the Customer and to secure partial funding of the BESS and solar PV on the Customer's site subject to the authorization of a subsequent agreement and any related expenditures by the Columbus City Council, appropriation of related funds by the Columbus

City Auditor, and approval as to form of the subsequent agreement by the Columbus City Attorney. AEP Ohio will provide a rebate up to 95% to cover the majority of the BESS and solar PV. Customer agrees to pay its portion of the cost of the Project in installments, prior to completing installation of the Project. The level of funding provided by the Customer will be determined following an RFP issued by AEP Ohio to select a Project vendor. The Project is expected to be in operation from late 2020 through April 2022. Data collected from this micro-grid demonstration project will be utilized by AEP Ohio to measure the merits of the micro-grid, which will then be shared with the Customer and the Public Utilities Commission of Ohio.

- The Parties will designate a point of contact to facilitate cooperation on research, development, and the demonstration project.
- The Parties will jointly identify the project and research areas that should be pursued.
- The Parties will contribute technical staff expertise and test facilities.

At the conclusion of the Project the Customer will retain ownership of the BESS and solar PV. The Customer will have the option to continue with a micro-grid arrangement with the ownership and responsibilities of the micro-grid controls to be determined under a new agreement with AEP Ohio.

Please indicate your acceptance of this Agreement by having the appropriate authorized officer or agent of the City of Columbus sign the attached 2 copies of this letter and return them both to me. A fully executed copy of this Agreement will be returned for your files.

Sincerely,



Mark Gundelfinger
Alternative Energy Resources Manager

OHIO POWER COMPANY


Signature

Jon F. Williams
Printed Name

Managing Director Customer Operations
Title
2/27/20
Date

**CITY OF COLUMBUS, DEPARTMENT OF
PUBLIC UTILITIES**


Signature

Tracie Davies
Printed Name

Director Public Utilities
Title
2/25/2020
Date