

**Texas Commission on Environmental Quality
New Technology Implementation Grant (NTIG) Program
Quarterly Project Status Report**

Contract Number: 582-15-54066-1471
Grantee: City of Austin – Austin Energy (AE)
Report for the Monthly Period: Q4 2017 (Oct-Dec 2017) **Date Submitted:** December 31, 2017

Section I. Accomplishments

Provide a bulleted list of project accomplishments as well as a description of their importance to the project.

- AE completed Task 4 and submitted a Deliverable Report. Task 4 included preparing the Kingsbery substation and completing the civil work to install the Energy Storage System (ESS). To complete the task, AE poured all concrete pads for ESS equipment, implemented the grounding grid, and installed all trenching and conduit for the communications and auxiliary power required for the successful operations of the system.
- PowerFin Partners (PowerFin) continued construction activities including PV module and inverter installation as well as interconnection equipment such as the switchgear and primary metering cabinet installation and cable pulling for the Community Solar facility under Task 5.
- AE and TCEQ signed an amendment to change the deadline for Task 5 completion.
- AE continued installation and assembly work for the ESS inside the Kingsbery substation as part of the work to be completed under Task 6, and is on task to be completed prior to February 28, 2018.

Indicate which part of the Grant Activities as defined in the grant agreement, the above accomplishments are related to:

The bullets above relate to Tasks 4, 5, and 6 as indicated in the descriptions above.

Section II: Problems/Solutions

Problem(s) Identified: Report anticipated or unanticipated problem(s) encountered and effect(s) on the progress of the project

AE notified TCEQ of a potential delay in completion of Task 5 due to unexpected weather conditions.

Proposed Solution(s): Report any possible solution(s) to the problem(s) that were considered/encountered

TCEQ acknowledged the delay and agreed to an estimated completion date of January 31, 2018. AE agreed to keep TCEQ informed of progress over the next month. AE will submit a Task 5 Deliverable report upon completion of the work.

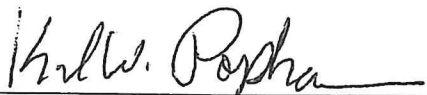
Action(s) Conducted and Results: Describe the action(s) taken to resolve the problem(s) and effect(s) had

TCEQ and AE documented the change via email.

Section III. Goals and Issues for Succeeding Period:

Provide a brief description of the goal(s) you hope to realize in the coming period and identify any notable challenges that can be foreseen

During Q1 of 2018, PowerFin expects to complete construction of the Community Solar facility (Task 5). AE expects to complete the installation and testing associated with the energy storage system (Task 6). AE will submit a deliverable report for Tasks 5 and 6. AE will prepare to begin the operational demonstration period (Task 8) and begin documenting and reviewing system performance in Q1 or Q2 of 2018.



Date: 12/29/2017

Authorized Project Representative's Signature

NOTE: Please attach any additional information that you feel should be a part of your report or that may be required to meet the deliverable requirements for tasks completed during this reporting period.