

**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 2016 (Oct-Dec 2016) **Date Submitted:** December 29, 2016

Section I. Accomplishments

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

- AE executed the Pilot ESS contract with its energy storage integrator, Doosan GridTech Services, LLC (Doosan) in October 2016. Project plans and design work associated with Task 1 are underway.
- AE submitted its Task 2 Deliverable Report to the TCEQ on schedule. Task 2 included AE's selection of a vendor for construction and operation of the solar PV facility associated with this solar plus storage project. The report describes AE's completion of the task including an overview of the adjacent solar PV facility's construction and integration with the grid and a Gantt chart or timeline illustrating major project milestones.
- PowerFin Partners (PowerFin) continues to work with the City of Austin Development Services Division (DSD) to obtain approval of its solar PV facility site plan application. This permitting process is required prior to construction.

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

- The first bullet relates to Tasks 1 and 3.
- The second bullet relates to Task 2.
- The third bullet relates to Task 5.

Section II: Problems/Solutions

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

There are no problems identified at this time, and all previously identified problems have been resolved. TCEQ and AE have agreed to Grant Contract Amendment 2, which adjusts the Grant Activity Deadlines and Project Budget Categories, and is currently in circulation for signature.

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

Not applicable.

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

Not applicable.

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 2017 and regarding the Pilot ESS Project, AE will continue to work with Doosan on the preparatory work necessary in advance of site construction. Such work includes detailed design, initiating the permitting process and initiating contract discussions with the contractor responsible for civil site prep.

During Q1 2017 and regarding the adjacent solar PV facility, AE, through its PPA with PowerFin, plans to receive site plan approval from the City of Austin, continue detailed design work and initiate construction activities.

Karl W. Popham

Date: 12/29/2016

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.*

