

**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: Q2 2017 (Apr-Jun 2017) **Date Submitted:** June 30, 2017

Section I. Accomplishments

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

- AE is reviewing final detailed design work for the Energy Storage System (ESS) under Task 1 with energy storage integrator, Doosan GridTech (Doosan).
- AE started civil work for the ESS inside the Kingsbery substation as part of the work to be completed under Task 4, and is on task to be completed prior to October 31, 2017.
- PowerFin Partners (PowerFin) obtained site plan permits from the City of Austin and initiated site clearing for the Community Solar facility under Task 5.

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

- The first bullet relates to Task 1.
- The second bullet relates to Task 4.
- The third and fourth bullets relate 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

- a) The completion date for the Community Solar facility has been delayed due to several site plan reviews (total of 3 submissions) by Development Services Department. Delays were primarily related to transportation/sidewalk/roadway designs, and critical water quality zones (thriving invertebrate populations were found in runoff areas on the site, resulting in their designation as critical water quality zones which could not be developed upon). Additionally, PowerFin has identified a potential delay in lead-time for switchgear – just became aware of this in June. These items relate to Task 5 of the Grant Activities. Paragraph 2.5.2 of the TCEQ award states “PERFORMING PARTY will complete this task on or before August 31, 2017 unless an alternate date is approved by the TCEQ.”

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

- a) AE requests TCEQ approval to change the Task 5 deadline from August 31, 2017 to December 31, 2017.


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

- a) Redesign of internal roadways and panel locations); drainage and water quality protections (e.g. vegetative filter strip and rain garden engineering and approval took roughly 5 months of back and forth with reviewers and project engineers). Approval by Land Use & Planning Commissions and issuance of Conditional Use Permit June 2017.

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 Q3 of 2017, AE expects to finalize the detail design for the ESS (Task 1) and continue civil work and substation updates to install the system's equipment (Tasks 4). AE will submit deliverable reports for Tasks 1 and 3. PowerFin expects to initiate construction of the Community Solar facility (Task 5).



Authorized Project Representative's Signature

Date: 6-28-17

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.*

