



**Texas Commission on Environmental Quality
New Technology Implementation Grant (NTIG) Program**

Implementation Phase Quarterly Project Status Report

Contract Number:	<u>582-15-54066-1471</u>	
Application Number:	<u>NTIG Solicitation No. 582-14-4142</u>	
Grantee:	<u>City of Austin - Austin Energy (AE)</u>	
Physical Address of Project:	<u>5017 ½ Alf Avenue, Austin, Texas</u>	
Report for the Quarterly period:	<u>Q3 (July to September 2018)</u>	Date Submitted: <u>9/28/18</u>
Authorized Official/Project Representative Name:	<u>Kurt Stogdill</u>	
Authorized Official/Project Representative Contact Details:	Email Address: <u>kurt.stogdill@austinenergy.com</u>	Phone Number: <u>(512) 322-6510</u>
Project Summary: (150 word max)	<u>The PERFORMING PARTY is the owner and operator of the Austin Energy Solar/Storage Project, an integrated lithium-ion (li-ion) battery, power conversion, management, and control system providing 1.5 megawatts (MW) of electric output and storing up to 3.0 megawatt-hours (MWh) of energy from solar photovoltaics (PV). PERFORMING PARTY will contract for the adjacent solar PV facility (generating facility) to be constructed, commissioned, maintained, and operated, on schedule by a selected vendor. PERFORMING PARTY will purchase from Doosan GridTech thirty 110.9 kilowatt-hour (kWh) battery racks manufactured by LG Chem, a Power Conversion System (PCS) manufactured by Parker Hannifin, and the Doosan GridTech Intelligent Controller (DG-IC) site controller system.</u>	

Section I. Accomplishments

Provide a bulleted list of project accomplishments since the last report and identify the corresponding task (if applicable).

- AE completed the transition of ownership from the system integrator, Doosan GridTech, on 7/9/18. (post-Task 6)
- Pilot ESS released for normal operations on 9/3/18 (post-Task 6)
- AE completed its reporting requirements for the Implementation Period (Task 7)

List any invoices being submitted for reimbursement in reference to the project accomplishments listed above: (Add rows as necessary.)

Date of Invoice	Invoice Number	Vendor	Service/Product	Budget Category (Equipment, Supplies & Materials, etc.)

***See separate email from Vanessa Flores regarding RFR C.

Section II. Problems/Solutions

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

- The Pilot ESS is currently offline while Doosan and its vendors troubleshoot a warranty claim related to ground fault alarming. This will adjust the start of system performance, the data from which will be analyzed under the grant. AE expects to complete sufficient testing during the performance period to submit the Task 8 report in accordance with the Contract.

Proposed Solution(s): Report any possible solution(s) to the problem(s) identified above.

- Doosan and its vendors are actively troubleshooting the warranty claim.

Action(s) Conducted: Describe the action(s) taken to resolve the problem(s) identified above.

- Escalated warranty claim on 9/6/18.
- Doosan and its vendors are actively troubleshooting the warranty claim.

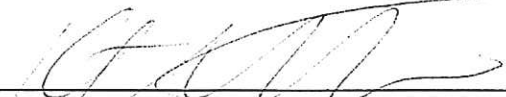
Describe results of these actions identified above.

- Task 8 remains on schedule

Section III. Goals and Issues for Upcoming 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:

- This is the final quarterly status report during the Implementation Period. AE will resume deliverable submittals during FY19.



 Authorized Official/Project Representative's Signature

10/02/18

 Date

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.