



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

<b>Contract Number:</b>	582-17-70806-2569		
<b>Application Number:</b>	2016-08-0002-NG		
<b>Grantee:</b>	The City of San Antonio, acting by and through City Public Service Board (CPS Energy)		
<b>Physical Address of Project:</b>	9800 W. Commerce Street, San Antonio, Texas 78227		
<b>Report for the Quarterly period:</b>	7/1/19 to 9/30/19	<b>Date Submitted:</b>	10/8/2019
<b>Authorized Official/Project Representative Name:</b>	David Jungman		
<b>Authorized Official/Project Representative Contact Details:</b>	Email Address: DCJungman@cpsenergy.com	Phone Number: 210-353-4861	
<b>Project Summary:</b> (150 word max)	The CPS Energy Solar + Storage project integrates a 5 MW / 10 MWh lithium-ion battery energy storage system (BESS) with a 5 MW solar Photovoltaic array in Bexar County, Texas. The project has a twenty-year life and will be constructed near the Southwest Research Institute on West Commerce Street in San Antonio. The project will showcase a cost-effective and scalable method to achieve reduced emissions, while providing economic and operational benefits to the community, CPS Energy customers and the ERCOT grid.		

**Section I. Accomplishments**

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

- **Solar PV Construction.** Installation and site acceptance testing of the Solar PV was completed in Q3/2019. Commissioning is anticipated during Q4/2019. This task relates to Task 7: Testing of Final Design.

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

- No invoices have been submitted for reimbursement during Q3/2019.

**Section II. Problems/Solutions**

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

- No problems to report for Q3/2019.

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

- Not applicable.

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

- Not applicable.

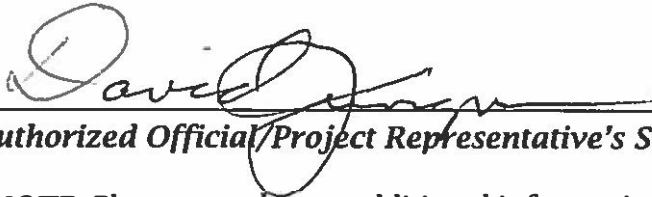
*Describe results of these actions identified above.*

- Not applicable.

**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:*

- **Solar PV Commissioning.** CPS Energy intends to complete performance testing and commissioning of the Solar PV in Q4/2019.
- **BESS ERCOT Testing:** CPS Energy plans to receive approvals for energization and synchronization from ERCOT, and complete ancillary service qualification testing in Q4/2019.
- **BESS Commissioning:** Final commissioning of the BESS will be performed following ERCOT ancillary service qualification testing in Q4/2019.



*Authorized Official/Project Representative's Signature*

10/8/19

*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.

This form may be submitted via e-mail to your Grant Coordinator or a paper copy may be sent to the following address:

Texas Commission on Environmental Quality  
 Air Quality Division  
 Implementation Grants Section (NTIG), MC-204  
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 Austin, Texas 78711-3087