



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

Implementation Phase Quarterly Project Status Report

Contract Number:	582-17-70806-2569		
Application Number:	2016-08-0002-NG		
Grantee:	The City of San Antonio, acting by and through City Public Service Board (CPS Energy)		
Physical Address of Project:	9800 W. Commerce Street, San Antonio, Texas 78227		
Report for the Quarterly period:	01/01/20 to 03/31/20	Date Submitted:	04/09/2020
Authorized Official/Project Representative Name:	Jonathan R. Tijerina		
Authorized Official/Project Representative Contact Details:		Phone Number: 210-353-3391	
Project Summary: (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).

- The project has demonstrated the ability to charge from solar and has qualified to operate on the ERCOT grid thereby completing Task 7 – Testing of Final Design.
 - **Solar Shifting:** The BESS has established monthly solar shifting schedules and is solar shifting daily.
 - **Ancillary Service Qualification:** The BESS has completed qualification and testing to perform Fast Responding Regulation Service (FRRS) with ERCOT.

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 Q1/2020.

Section II. Problems/Solutions

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

- Nothing to report.

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

- Nothing to report.

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

- Nothing to report.

Describe results of these actions identified above.

- Nothing to report.

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:

- **Final Report:** CPS Energy plans to submit the final NTIG report for the CPS Energy Solar + Storage project in Q2/2020.



Authorized Official/Project Representative's Signature



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
P.O. Box 13087
Austin, Texas 78711-3087