

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

Contract Number:	582-17-70806-2569		
Grantee:	The City of San Antonio, acting by and through City Public Service Board (CPS Energy)		
Report for the Monthly Period:	Q3 2017 (Jul-Sep 2017)	Date Submitted:	October 2, 2017

Section I. Accomplishments

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

- **City of San Antonio (the City) Tree Permit:** A tree permit application was submitted to the City for review on September 27, 2017. CPS Energy will continue to work with the City to achieve maximum tree preservation given the project site requirements.
- **Gateway 151 Corridor Zoning Variance Application:** The project site is located along the Highway 151 Gateway Corridor District and is subject to specific zoning standards. A zoning variance application was submitted to the City for review. A meeting has been set with the City’s Director of City Zoning and Compliance on October 2, 2017 to review the variance application. CPS Energy has requested specific variances to maximize the environmental, social and economic potential of the CPS Energy solar + storage project.
- **Competitive Procurement Process:** CPS Energy initiated a competitive procurement process in Q1/2017 with issuance of a Request for Proposal (RFP) #10535249 on January 13, 2017. In Q2/2017 CPS Energy selected a finalist and entered into contract negotiations. In Q3/2017 CPS Energy continued with contract negotiations and is currently drafting contracts. Table 1 shows the procurement tasks performed during Q3/2017.

Table 1 - CPS Energy Q2/2017 NTIG Project Procurement Tasks

Task	Status
Contract Negotiations w/Developer	In Progress, initiated July 2017

- **Final Solar PV Site and BESS Layouts:** The Solar PV and Battery Energy Storage System (BESS) will be installed on property at Southwest Research Institute (SwRI) in San Antonio, Texas. Figure 1 shows the land and building owned by SwRI for the Solar PV (A. Yellow) and the Battery Energy Storage System (BESS) (B. Blue) located near a 138/35 kV substation (C. Red). The building is located at 9800 W. Commerce Street, San Antonio, Texas 78227.

Figure 1 - CPS Energy NTIG Project Location



Figure 2 shows the proposed solar PV layout given boundary, setback and environmental restrictions.

Figure 2 - Conceptual Layout of Solar PV

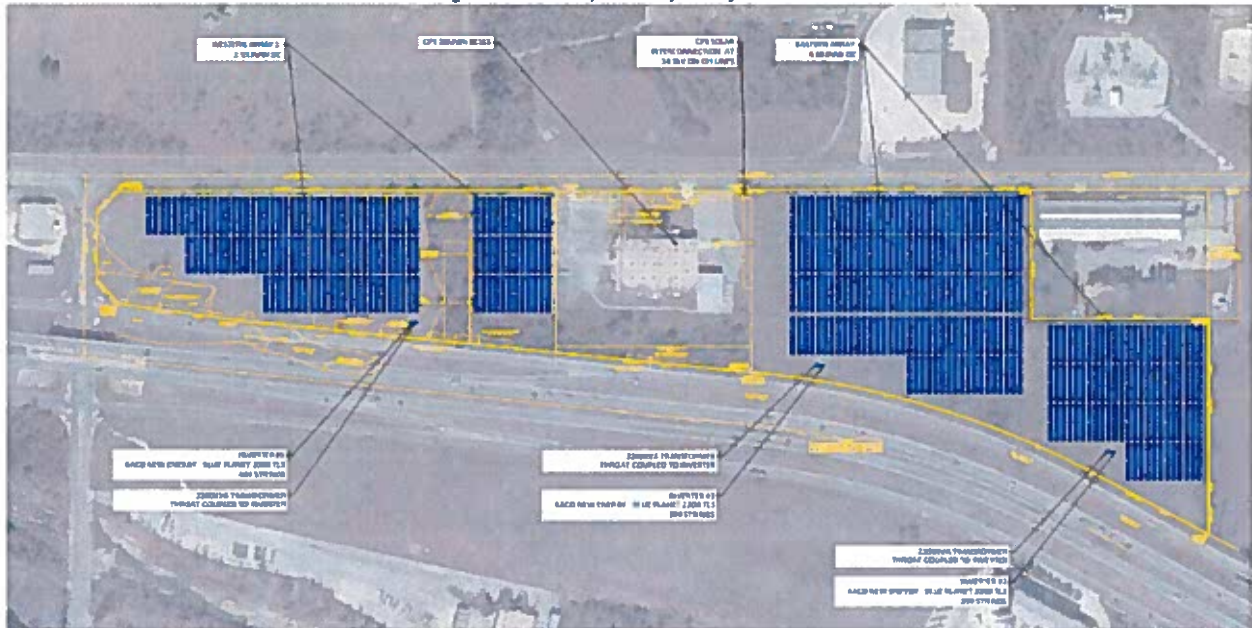
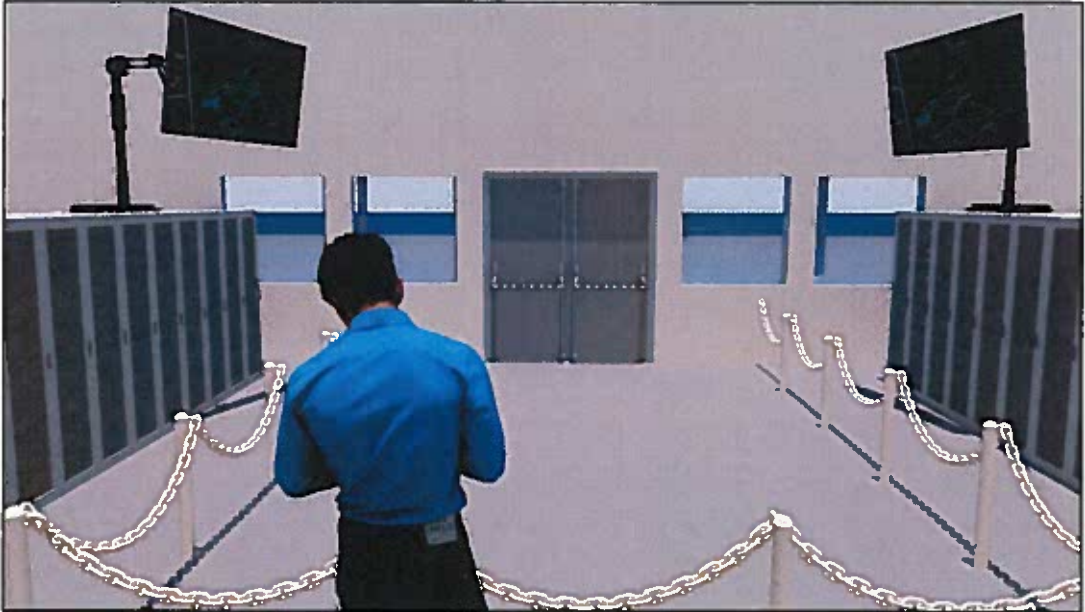
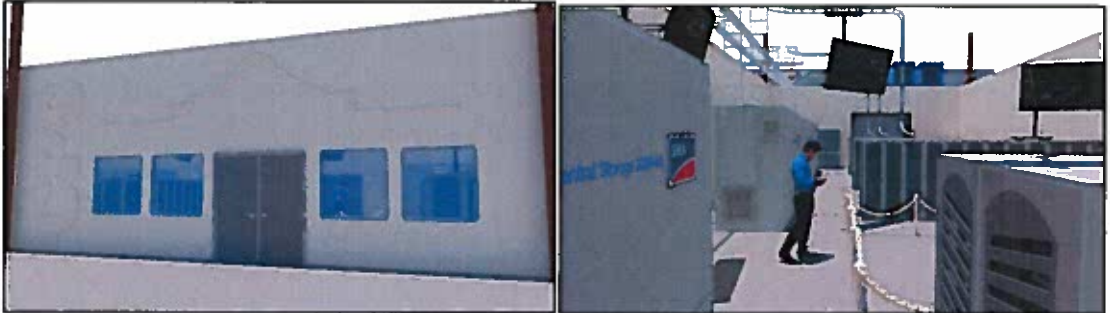
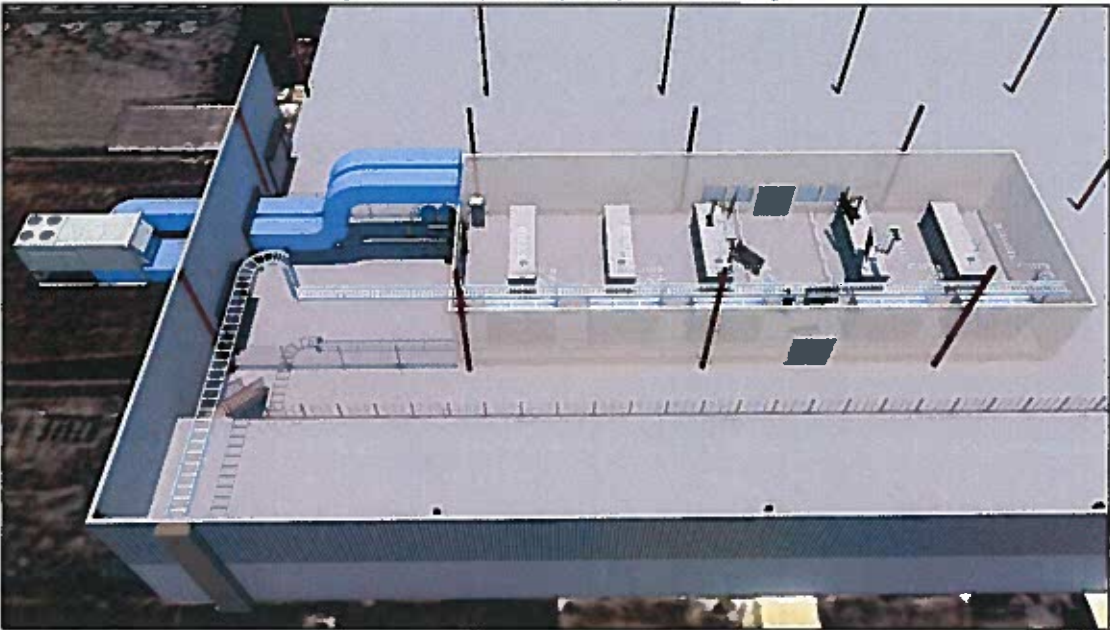


Figure 3 shows a conceptual layout for the proposed BESS building.

Figure 3 - Conceptual Layouts for BESS Building



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

Table 2 defines how the Q3/2017 grant activities relate to the grant agreement tasks.

Table 2 - Grant Activity Task Association

Grant Activity	Related to Task
City of San Antonio Tree Permit	Task 2
Gateway 151 Corridor Zoning Variance	Task 2
Competitive Procurement Process	Task 2
Final Solar PV Site and BESS Layouts	Task 2

Section II. Problems / Solutions

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

- *Suneva filed for relief under Section 201 of the International Trade Act for damages resulting from foreign solar cell and module manufacturers. Pending import tariffs triggered inflated solar module prices due to supply shortages and prolonged the contract negotiation process.*
- *Current Task 2, 3 and 4 deliverable schedules did not align with the updated project schedule due to project complexity and unexpected increases in solar module costs.*

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

- *CPS Energy requested an Amendment (No. 3) to the TCEQ agreement to facilitate changes to the Approved Scope of Work.*

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

- *Amendment No. 3 was submitted to TCEQ to accommodate necessary project revisions.*

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

- **Tree Permit and Tree Clearing.** CPS Energy aims to complete the tree permit application process and clear trees and brush in accordance with the tree preservation strategy based on the current City schedule and process.
- **Zoning Variances.** CPS Energy aims to complete the zoning variance request process for the Highway 151 Gateway Corridor given the current City schedule and process.
- **Procurement Process Continuation and Completion.** CPS Energy aims to complete contract negotiations and enter into contract with the supplier of major equipment.

- **Site and Building Lease.** CPS Energy aims to finalize and sign the lease agreements between CPS Energy and SwRI.
- **Specific Project Site Preparation.** The Contractor shall prepare the site for the construction and installation of the Solar PV, BESS and interconnection equipment (Task 3). This task is contingent on timely completion of zoning variance, tree permit and tree clearing.
- **Preliminary ERCOT Interconnection.** CPS Energy will begin preliminary Task 4 activities related to the ERCOT Interconnection process. CPS Energy will proactively work with ERCOT to plan submission of the required Resource Entity Registration (RER) and Resource Asset Registration Form (RARF).


Authorized Project Representative's Signature

Date: 10/2/17

NOTE: Please attach any additional information that you feel should be a part of your report of that may be required to meet the deliverable requirements for tasks completed during this reporting period.