



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

Implementation Phase Quarterly Project Status Report

Contract Number:	582-17-72096-2569		
Application Number:	2017-08-0006-NG		
Grantee:	Pedernales Electric Cooperative, Inc. (PEC)		
Physical Address of Project:	Johnson City Substation 201 Los Encinos Drive, Johnson City, TX 78636		
Report for the Quarterly period:	01/01/20 to 03/31/20	Date Submitted:	03/31/2020
Authorized Official/Project Representative Name:	James Spaulding		
Authorized Official/Project Representative Contact Details:	Email Address: James.Spaulding@peci.com	Phone Number: 830-868-6128	
Project Summary: (150 word max)	The Pedernales Energy Storage Automation & Management with Solar (PESAMS) project integrates a 2 MW / 4 MWh lithium-ion battery energy storage system (BESS) in Blanco County, Texas, near the newly installed Johnson City solar Photovoltaic array. The PESAMS project is a cost-effective, reliable, duplicable and scalable system design that will achieve reduced emissions, while providing economic and operational benefits to PEC members.		

Section I. Accomplishments

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

- **BESS Site Preparation:** The Contractor continued with civil and electrical preparations to support BESS installation. Vaults were successfully installed in the ground and concrete pads are in process (Task 8).
- **Factory Acceptance Testing (FAT):** The Contractor completed factory acceptance on system integration / controls system, batteries and power conversion system (PCS).



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

- No invoices have been submitted 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.

- Shelter-in mandates due to COVID-19 in Travis County slightly delayed the FAT and installation process.

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

- Delays did not cause any major setbacks thus far. PEC will continue to monitor and report any schedule revisions to the grant committee.

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

- Nothing to report.

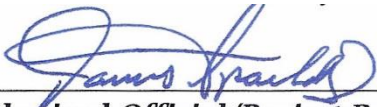
Describe results of these actions identified above.

- 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:

- **BESS Site Preparation:** The Contractor aims to complete civil and electrical preparation (Task 8).
- **Equipment Delivery:** Delivery of BESS containers is scheduled for April 2020 (Task 9).
- **BESS Installation:** Battery module installation, cable pulls and tie-ins are scheduled for April 2020 (Task 9).
- **Energization:** Initial BESS energization is anticipated in May 2020 (Task 9).



Authorized Official/Project Representative's Signature

3/31/20

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