



**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:	10/01/19 to 12/31/19	Date Submitted:	01/08/2019
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 civil and electrical preparations to support BESS installation. The preparation and installation of concrete vaults to support the battery systems and balance of plant equipment were successfully completed.

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 Q4/2019.

Section II. Problems/Solutions

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

- The electrical design package had to be modified.

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

- Drawing package revision.

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

- PEC worked with the Contractor to perform electric drawing package revisions. The revised package was reviewed and approved by PEC.

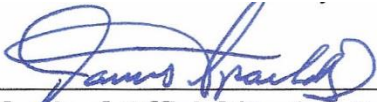
Describe results of these actions identified above.

- Electrical work can continue as planned.

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 Installation and Interconnection:** The Contractor will continue installation of the battery and balance of plant equipment (Task 9).



Authorized Official/Project Representative's Signature

__1/8/20__
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
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