

**POLK COUNTY UTILITIES  
COMMUNITY INVESTMENT PROGRAM  
Quarterly One Page Report  
Electrical Short Circuit Current Studies**

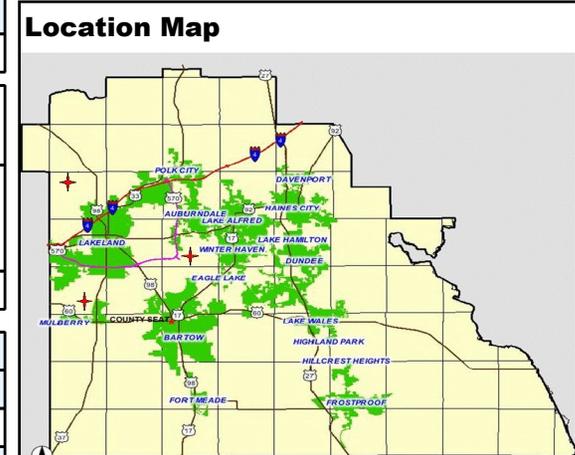
Period Ending	Department	Commission District	Service Area	Project Type	PCU Project No	Oracle No
12/31/2016	Utilities	All Districts	Miscellaneous	General Engineering Service Projects	2016-3-70-0	6857019

Contacts	Name	Organization	Phone
Utilities Director	Marjorie Craig	Polk County Utilities	863-298-4235

<b>Scope:</b>	Provide updated short circuit current studies for water and wastewater electrical facilities and provide updated labels on all electrical equipment for electrical safety. Develop a detailed utility specific electrical safety plan, address electrical safety at existing facilities, and provide electrical operating instructions for complex electrical systems at wastewater treatment facilities.
<b>Status:</b>	As of December 31, 2016, Schneider Electric has completed field investigations at the SWR and NWR WWTFs and completed short circuit current and grounding studies. The electrical safety work plan has been reviewed and final changes being incorporated. The facility safety assessments are pending review of mitigation techniques for arc flash safety as well as a final field visit to inspect existing equipment for anticipated service life.
<b>Issues:</b>	No issues at this time.

PROJECT PROGRESS			
PROJECT BUDGET		EXPENDED TO DATE	
\$450,000.00		\$112,216.47	
Land/ROW	Design	Permitting	Construction
100.00%	40.00%	100.00%	40.00%

Phase/Contract	Completion	FY2015/2016				FY2016/2017				FY2017/2018				FY2018/2019			
		Q1	Q2	Q3	Q4												
Land Acquired																	
Design	9/30/2021																
Bid																	
NTP																	
Construction	9/30/2021																



Updated: 12/13/2016 5:08:38 PM