

MAYFLOWER EVH STORM DAMAGE/REPAIR/REBUILD

CONTRACT NO / AWARD DATE:

Maintenance Contract /
C8PPTSQ023
KECI 13-2361/13-2363/14-2408

JOB SITE LOCATION:

Entergy
Mayflower EHV Substation
20 White City Road
Mayflower, AR 72106
Point of Contact: Gus Biggers
T 501.977.6277

OWNER:

Entergy of Arkansas
5201 W Barraque Street
Pine Bluff, AR 71602
Point of Contact: Bob Wray

GENERAL CONTRACTOR:

Koontz Electric Company, Inc.
1223 E Broadway
Morrilton, AR 72110
Project Manager: Paul Zimmerman
T 501.242.6109
F 501.354.2580
paul.z@koontzelectric.com

COMPLETION DATE:

June 2015

CONTRACT AMOUNT:

\$4,033,898

STORM RESTORATION SCOPE:

- De-terminate all control cables
- Pull out all old control cable
- De-gas undamaged equipment and arrange for transport offsite
- Salvage any usable equipment
- Clean the entire yard of all storm damage and dispose
- Rebuild 115kv switches with pieces from half damaged switches
- Pull all new control cable for temp control house
- Install new panels, cable tray, lights/receptacles, all functioning device in temp control house
- Pull all new control cable to equipment to be energized in the by-pass for temp installation
- Install (1) 500kv breaker and (1) 500kv switch for by-pass to energize
- Terminate all drops from by-pass to transformers, switches, and breakers to energize
- All above grade conduit and grounding to temp equipment
- Gassing of temp 500kv breaker
- Assist in testing and checkout of all equipment for the temp by-pass
- 24 day (two shift) work schedule
- Rebuild 115kv traps for temp use
- Installed new 4" bus to upgrade the t-bar
- Set up and maintain Entergy temporary onsite facilities

PERMANENT REBUILD SCOPE:

- Installed (8) 500kv breakers (2) 115kv breakers
- Installed (19) 500kv (3) 1115kv CCVTs
- Installed (15) 500kv Lightning arrestor
- Installed (4) 500kv (4) 115kv wave traps
- Installed (20) 500kv (9) 115kv switches
- Installed relay panels
- Pulled all new control cable
- Terminated field end of control cable
- Pulled all interconnect control cable
- Mounted and terminated all station service transformers
- Installed on control junction boxes indoor and outdoor

