

DEFERRED MAINTENANCE REDUCTION

1 03610/01282 - Replace 69kV circuit breaker at Substation 631

Installed two of three gas circuit breakers.

2 03610/01283 - Replace Overdutied Electrical Equipment

Investigated B-490 and identified 9 panels with indeterminate short circuit rating. Available fault current exceeded the assumed breaker rating of 10kA. Panels have been procured and awaiting installation.

3 03610/01294 - Electrical Distribution Panel Labeling - OSHA

Verify and update panel directories, apply appropriate labelling for voltage, power source, and arc flash ratings. Inputted directory information into computerized software package.

4 03610/ 03597 (W.O. EP885109) - Refurbish 480V circuit breakers and install electronic trip devices

16 kits received from previous years. 6 kits total have been installed at B-490 & B-1008. Additional units are being installed this fiscal year at these buildings.

5 01800/01824 - Replace 8 69kV switch operators with worm-gear operators

All have been replaced with other funds

6 01800/01840 - Refurbish 4 480V circuit breakers with electronic trips in B-535

4 electronic trip devices have been installed on spare breakers and awaiting for a maintenance period to interchange with existing breakers.

7 01800/01871 - Electrical Safety Training

In September 2012, Line Crew, 2 engineers, and 1 electrical inspector completed training on Electrical Safety for Industrial Facilities. Class pertained to OSHA 1910.269 & 332. To be certified as a Substation Technician Certificate, additional training is required: Substation Maintenance I and II. SF6 Breaker training has also been added to the classes given.

**8 01800/01872 - Limit access to electrical equipment (Substations)
(Includes 03610/01295 - Substation Grounding and Bonding)**

An procedure and check list has been developed to inspect substations. Line Crew has corrected deficiencies identified at 3 of 8 locations, B-490, B-930, & B-835. 3 of the 8 locations have had some deficiencies corrected, B-933, B-555, B-902.

9 01800/01873 - Protective Device Maintenance

Perform protective device maintenance in buildings identified. Scope includes: thermal imaging, updating directories, and performing general maintenance of tightening connections, exercising breakers, cleaning, and assuring proper grounding and bonding.

Notes	FY 2012		Total	
	Planned	Costed	PYC	TEC
	90,000	164,104	431,234	1,520,000
	100,000	124,628	302,390	1,520,000
	75,000	81,282	377,174	4,000,000
	75,000	30,818	355,324	TBD
1	n/a	n/a		
2	n/a	n/a		
	50,000	6,447	6,447	TBD
	75,000	40,102	40,102	TBD
	10,000	97,366	97,366	TBD

Notes

1) Item being removed from list

2) Labor to install breakers to be coordinated and funded by South Complex