Pacific Gas and Electric Company

Electric T&D Bulletin

Title: Guide to Prioritize Equipment Requiring Repair (ERR)

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Electric System Outage Review Process (UO Standard S2010):

When UO Standard S2010 Electric System Outage Review Process is formally revised the information contained in this bulletin and associated job aid will be incorporated into the revised standard.

Targeted Audience for Implementation:

Distribution Outage Review Teams (ORT)   specifically M&C Superintendent, Supervising Distribution Engineer, Electric Control Center Operating Supervisor, and TSM&C Substation Maintenance Supervisor.

M&C Superintendents are responsible for implementing this bulletin with the Outage Review Team.

Purpose:

This bulletin supersedes the ERR prioritization model that was issued via email on March 6, 2005.

This bulletin is being issued to the local ORT to help ensure system wide consistency when prioritizing items on the Equipment Requiring Repair (ERR) list. The ORT teams should be utilizing this document and attached job aid when determining the priority of equipment needing to be placed back in service.

Definition:

Equipment Requiring Repair (ERR) – A list of equipment identified as requiring repairs on the ILIS Equipment Requiring Repair Report. This is equipment that will not operate as intended when it was designed and installed; some type of repair is required.

Note: Equipment identified on the report as System Information does not require any type of repair.

Process:

The attached ERR distribution job aid is being provided to help determine the repair priority of the equipment. The Supervising Distribution Engineer and Distribution Operations Supervisor are responsible for leading the prioritization effort and updating the ILIS program accordingly. This prioritization assignment and associated ILIS entries should be performed each time a piece of equipment is added to the ERR list.

To ensure all ERR fields are populated and maintained; the following guideline will be used:

- All fields in ILIS will be populated with appropriate data within 30 days of ERR Pin creation.

- The Electric Control Center Operating Supervisor is responsible for establishing the initial priority, the Pin# and populating the following ERR fields: Date out, District, Equipment ID, Equipment type, Circuit, Location, Description / Progress, Attention, SCADA yes/no, Active yes/no, and Date Restored.

- Final prioritization will be done by the ORT.

- All priority 1 items will be discussed at the ORT meeting and a final priority, and planned re-store date, established. (ERR items should be placed back on line according to priority with the highest priority being placed back on line as soon as possible.)

- The M&C Distribution Superintendent or designee is responsible for establishing and updating the following fields related to distribution line equipment: Planned Restore date, Description / Progress, and EPCM-SAP.

- An EPCM tag will be created for each piece of non substation equipment that is placed on the ERR list with an associated pin number. The pin number should be identified by the ECCO Distribution Operators and communicated to the compliance department so the EPCM tag can be updated.

- The TSM&C Substation Maintenance Supervisor is responsible for establishing and updating the following fields related to SCADA field and substation equipment: Planned Restore date, Description / Progress and SAP number.

While some reassessment of EPCM tags may be necessary, every attempt should be made to not reassess high priority ERR EPCM tags.

Repair Progress Report:

A monthly report will be generated to track repair progress by division. The ORT's will be able to track what equipment was repaired and placed back in service. The report will be included in the monthly "Blue Chip Reliability" report.

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Date: 04/27/2007

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