

**Kirkwood Meadows Public Utility District
GENERAL ORDER 165 ANNUAL INSPECTION REPORT FOR 2012**

I. INSPECTION SUMMARY

Pursuant to California Public Utilities Commission's General Order 165, Kirkwood Meadows Public Utility District (KMPUD) submits its Annual Inspection Report which details KMPUD's compliance with the General Order.

KMPUD electric distribution system serves a rural community and, at present, has only pad-mounted and underground equipment. Table 1 lists four types of inspections KMPUD performs on an ongoing basis: Transformer Patrols, Switching/Protective Equipment Patrols, Transformer Detailed Inspections, Switching/Protective Equipment Detailed Inspections. The other categories of inspections covered by GO 165, including overhead equipment and wood poles, are not applicable to KMPUD at this time.

The table below denotes the total units of work due by inspection type for the 2012 reporting period and the number of outstanding (not completed) inspections within the same reporting period for each of the four categories.

The data presented in Table 1 is accurate as of by December 31, 2012.

Table 1 – Inspection Summary			
Type of Inspections	Due	Completed	Outstanding
Transformer Patrols	124	102	22
Protective/Switchgear Patrols	0	0	0
Transformer Detailed	0	0	0
Protective/Switchgear Detailed	13	13	0

II. PATROL INSPECTIONS

i. Transformer Patrols

124 transformer patrols were scheduled for 2012. 102 of the scheduled inspections, or 82%, were completed. Outstanding patrols will be completed in 2013. All three circuits and the generation facility were inspected, with 76 patrol inspections done on the Residential Circuit, 38 patrol inspections done on the Commercial Core Circuit, 6 patrol inspections done on the Lift Circuit and 4 patrol inspections done at the generation facility.

ii. **Switching/Protective Equipment Patrols**

No switching/protective equipment patrols were scheduled for 2012.

III. DETAILED INSPECTIONS

i. **Transformer Detailed Inspections**

No detailed transformer inspections were scheduled for 2012.

ii. **Switching/Protective Equipment Detailed Inspections**

Thirteen detailed switching/protective equipment inspections were scheduled for 2012. All three circuits were inspected, with nine switching/protective equipment inspections done on the Residential Circuit, three switching/protective equipment inspections done on the Commercial Core Circuit and one switching/protective equipment inspection done on the Lift Circuit. Thirteen inspections were completed in 2012, giving 100% of scheduled detailed switching/protective inspections completed.

IV. CONDITION RATINGS

During inspections conducted in 2012, 137 pieces of equipment were inspected and 37 maintenance items identified. Of these 37 items 0, or 0%, were classified Priority 1, and 37, or 100%, were classified Priority 2. 100 pieces of equipment, 73%, passed inspection with no maintenance or repairs recommended. A summary of the maintenance items is shown in Table 2 on the following page.

Of the 37 maintenance items identified, 20 or 54% were repaired before December 31, 2012. 17 maintenance items, or 46%, are outstanding. The plan for addressing the outstanding items is shown in the following section.

Equipment ID	Priority	Repair Date
TC8	2 - Signs	12/18/13
TC10	2 - Signs	12/18/13
TC29	2 - Signs	12/18/13
TC32	2 - Signs	12/18/13
TC90	2 - Signs	12/18/13
TC93	2 - Signs	12/18/13
TC98	2 - Signs	12/18/13
TC309	2 - Signs	12/4/12
TCSP	2 - Signs	12/4/12
TCINN	2 - Bolts	Outstanding
TCLP	2 - Bolts	Outstanding
TCSM1	2 - Bolts	11/21/12
TCPP	2 - Bolts	Outstanding
TCP4	2 - Bolts	Outstanding
TCAH	2 - Bolts	Outstanding
TCTW	2 - Bolts	Outstanding
TCTC	2 - Bolts	Outstanding
TCTR	2 - Bolts	Outstanding
TCSW3	2 - Bolts	Outstanding
TCSW1	2 - Bolts	11/21/12
TCSW2	2 - Bolts	Outstanding
TC57	2 - Bolts / Signs	Outstanding
TCP6	2 - Bolts / Signs	Outstanding
TCP3	2 - Bolts / Signs	Outstanding
TCMS1	2 - Bolts / Signs	10/30/13
TCMS2	2 - Bolts / Signs	Outstanding
TCWT	2 - Locks	10/25/12
TC214	2 - Locks	10/25/12
TCKCA	2 - Locks	10/25/12
TC17	2 - Access	Outstanding
OSLD	2-Pad	Outstanding
LJETR	2-Pad / Locks	Outstanding
LJE517	2 - Locks	10/25/12
LJE205	2 - Signs	11/14/12
LJEJR	2 - Signs	11/14/12
VSL5	2 - Signs	11/14/12
VSKM	2 - Signs	11/15/12

V. PLANNED CORRECTIVE ACTIONS FOR 2013

20 maintenance items identified during this year's inspections were not able to be repaired before December 31, 2013. KMPUD plans to complete repairs on these pieces of equipment in 2013. A summary of the 2012 outstanding maintenance items, scheduled for completion in 2013 and the schedule for completion is listed in Table 3.

Equipment ID	Priority	Estimated Completion Date
TCINN	2 - Bolts	September 2013
TCLP	2 - Bolts	September 2013
TCSM1	2 - Bolts	September 2013
TCPP	2 - Bolts	September 2013
TCP4	2 - Bolts	September 2013
TCAH	2 - Bolts	September 2013
TCTW	2 - Bolts	September 2013
TCTC	2 - Bolts	September 2013
TCTR	2 - Bolts	September 2013
TC5 W3	2 - Bolts	September 2013
TC5 W1	2 - Bolts	September 2013
TC5 W2	2 - Bolts	September 2013
TC57	2 – Bolts / Tagging	September 2013
TCP6	2 – Bolts / Tagging	September 2013
TCP3	2 – Bolts / Tagging	September 2013
TCMS1	2 – Bolts / Tagging	September 2013
TCMS2	2 – Bolts / Tagging	September 2013
TC17	2 - Security	October 2013
OSLD	2-Pad	August 2013
LJETR	2-Pad / Locks	August 2013

VI. PLANNED CORRECTIVE ACTIONS FOR 2012

Since this is the first submission of the Annual Report by KMPUD, there were no planned corrective actions for 2013.