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TO WHOM IT MAY CONCERN

A trial of Signet-ETP battery life extender at our Chilla Power House on 220 V, 400 Ah, 110 battery cells on 28.09.2007 to 01.10.2007. Following observations were made :

Battery Age : Set Commission in the year 2000.
Battery Make : Exide lead acid battery.


Conditions before activation:

- Voltage on charge condition before activation : 240 V.
- Voltage dropped while discharged for 5 hours @ 12 amp: before activation : 213 V.
- Two cells Sr. No. 12 & 109 were showing Sp. Gravity 1160/Volt: 2.00V & 1130.Volt : 1.99V.

Conditions after Activation:

- Voltage of entire bank improved to 257 Volts.
- Voltage dropped while discharge for 7 hours @ 12 amp. After activation: 216 V.
- Two cells Sr. No. 12 & 109 have shown improvement in Sp. Gravity 1170 in both cells & voltage improved to 2.21V & 2.36V respectively.

The current holding capacity of battery set is improved by 40% that has also improved the back up time of the battery bank from 5 hours to 7 hours.


01.11.07

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