

VOLTAGE READINGS

July 17, 2008

PDC1

	L1-L2	L2-L3	L3-L1
PDC1-MAIN	487V	486V	489V
VDAG3	475V	477V	475V
CT3	486V	485V	487V
MERCH1	487V	486V	486V
-BRK1	485V	484V	486V
HDAG	486V	485V	488V
-RESAW	472V	474V	477V
-CP3	490V	488V	491V

PDC2

	L1-L2	L2-L3	L3-L1
PDC2-MAIN	485V	484V	487V
VDAG2	479V	480V	479V
CT2	484V	484V	489V
MERCH2	482V	482V	485V
-BRK2	482V	485V	484V
BRK3	493V	491V	491V

PDC3

	L1-L2	L2-L3	L3-L1
PDC3-MAIN	485V	484V	487V
VDAG1	477V	480V	479V
CT1	488V	487V	488V
EDG1	478V	478V	478V
-EDG2	479V	478V	479V
CP2	480V	480V	482V
-SC	481V	480V	483V
BLOWERS (CYCLONE...)	---	---	---
-FANS	481V	480V	482V
-MACH. SHOP	482V	482V	483V
-TR.HDAG/RS.	477V	476V	477V
SUC FAN	---	---	---
-CP.HG SUC	486V	482V	484V
FAN	---	---	---
-CT1 SUC FAN	481V	482V	483V
-CT2 SUC FAN	480V	480V	480V
-CT3 SUC FAN	481V	481V	482V

PDC4

	L1-L2	L2-L3	L3-L1
PDC4-MAIN	481V	482V	485V
COMPRESSORS	471V	472V	475V
EMERGENCY	468V	469V	473V
TR1	470V	474V	474V
-ST1	474V	473V	474V
TR2	477V	476V	477V
-ST2	471V	472V	473V
-ST3	470V	473V	472V
CP1	460V	460V	457V
-HG1	456V	455V	458V
-HG2	471V	472V	473V
EDG3	478V	477V	478V
-EDG4	478V	478V	478V

Voltage values...

- PDC1 < CP3
- PDC2 < BRK3
- PDC3 < CT1

Are the higher readings due to timing of readings? Considering three phase, the voltages are constantly cycling.

The mill attempts to get voltage readings in the ballpark of...

- 480V @ PDC
- 470V @ MCC
- 460V @ BLOWERS