

PACIFIC GAS & ELECTRIC COMPANY

Switching Center: Humboldt Bay GS

From 08/29/2010 00:00 To 08/29/2010 04:59

Log Date	Time	ID/Location	Entry Type	Report ID	Description	Created
08/29/2010	0001	CR	GES	N/A	Received final OK from GES/Garcia to proceed with Black Start Testing. Notified HS/Mentink of impending test and preparation to open CB132 and CB112.	S3MX
0032	CR	GES	N/A	N/A	Notified PAS-security and HBPP/Hubbard of impending Black Start Test.	S3MX
0131	CR	TS	N/A	N/A	TANK SOUNDINGS: BIOCIDIC TANK 0 SLUDGE TANK 1' 3" LIGHT FUEL OIL TANK 28.9% MAINT LUBE OIL TANK 0' 2" CLEAN LUBE OIL TANK 5' 3" DIRTY LUBE OIL TANK 0' 2" AMMONIA TANK - NORTH (901) 100% SOUTH (902) 8.2% FIRE WATER TANK 29' 6" DIESEL FIRE PUMP TANK 3/4 Full DIESEL FIRE PUMP HOURS 3.5 BLACK START GEN TANK 7/8+ Full BLACK START GEN HOURS 5.3 MAINT WATER TANK - WEST 200 Liters EAST 1000 Liters	S3MX
0146	CR	BS	BS	BS	Black Start generator started for commissioning. late entry	S3MX
0155	CR	05	05	N/A	Started Engine 5 in Diesel mode for Black Start generator commissioning. late entry	S3MX
0200	CR	EV	EV	BS	Black Start generator shutdown. Running hours: Start 5.3 Stop 5.5 late entry	S3MX
0201	CR	05	05	N/A	Engine 5 tripped off line and shutdown in diesel mode due to pilot fuel inlet pressure swings. late entry	S3MX
0204	CR	BS	BS	BS	Black Start generator started for commissioning. late entry	S3MX
0253	CR	04	04	N/A	Started Engine 4 in Diesel mode for Black Start generator commissioning. late entry	S3MX

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08/29/2010	0301	CR	PC	N/A	CB132 closed into de-energized 115kv line. late entry	S3MX
	0303	CR	EV	BS	Black Start generator shutdown. Running hours: Start 5.5 Stop 6.7 late entry	S3MX
	0326	N/A	N/A	BS	BLACK START for Unit 4 - Successful Starting Date & time- 08/29/2010 01:46 Ending Date & time- 08/29/2010 03:26 Duration 1 hour 40 min Description - Successful Black Start generator test utilizing Unit 4 to energize the 115kv line to Humboldt Sub. late entry	S3MX
	0326	CR	BS	BS	BLACK START for Unit 4 - Successful Starting Date & time- 08/29/2010 01:46 Ending Date & time- 08/29/2010 03:26 Duration 1 hour 40 min Description - Successful Black Start generator test utilizing Unit 4 to energize the 115kv line to Humboldt Sub. late entry	S3MX
	0326	CR	HS	N/A	CB112 synchronized by HS/Mentink, parallelling Engine 4 to the grid. late entry	S3MX
	0334	CR	04	N/A	Engine 4 shutdown in diesel mode, B/S commissioning to continue. late entry	S3MX
	0345	CR	BS	BS	Black Start generator started for commissioning. late entry	S3MX
	0348	CR	05	N/A	Started Engine 5 in Diesel mode for Black Start generator commissioning. late entry	S3MX
	0358	CR	PC	N/A	CB132 closed into de-energized 115kv line. late entry	S3MX
	0358	CR	HS	N/A	CB112 synchronized by HS/Mentink, parallelling Engine 5 to the grid. late entry	S3MX
	0402	CR	EV	BS	Black Start generator shutdown. Running hours: Start 6.7 Stop 7.0	S3MX
	0412	CR	BS	BS	BLACK START for Unit 5 - Successful	S3MX

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Log Date	Time	ID/Location	Entry Type	Report ID	Description	Created
0420		CR	05	N/A	Starting Date & time- 08/29/2010 03:45 Ending Date & time- 08/29/2010 04:12 Duration 27 min Description - Successful Black Start generator test utilizing Unit 5 to energize the 115kv line to Humboldt Sub. Engine 5 shutdown in diesel mode, B/S commissioning completed.	S3MX