Customer-Owned Telemetry Procedure

Attachment 2, PG&E IEEE 2030.5 LogEvent Descriptions

The following table provides the LogEvent information for PG&E.

Customized alarm notifications – LogEvent:functionSet

logEventPEN: 4816 (PG&E)

profileID: 1 (vendor defined)

Alarms	FunctionSet	LogEvent Name	LogEvent Code	Data Source	Notes
Local DER Interface Disconnected	DER (11)	DER_Fault_Local_INTERFACE_DISCONNECTED	100	Remote Site Gateway	Detect local interface communication down
Local DER Interface RTN	DER (11)	DER_Fault_Local_INTERFACE_RTN	101	Remote Site Gateway	Local interface communication RTN (Return to Normal)
Meter Failure	Metering (6)	UPT_Fault_Meter_Comm_Failure	102	EMS / Controller	Meter communication failure
Meter RTN	Metering (6)	UPT_Fault_Meter_Comm_RTN	103	EMS / Controller	Meter communication failure – RTN
Relay Failure	DER (11)	DER_Fault_Relay_Comm_Failure	104	EMS / Controller	Relay communication failure
Relay RTN	DER (11)	DER_Fault_Relay_Comm_RTN	105	EMS / Controller	Relay communication Failure – RTN
Loss of monitoring	DER (11)	DER_Fault_Loss_of_monitoring	106	DER Aggregator Server	The DER Site controller has stopped reporting data to the monitoring provider's servers for a certain duration of time. DER Headend server should define this alarm to notify for PG&E SCADA Masters as same as 'Comm. Failure' in DNP3 interface.
Loss of monitoring RTN	DER (11)	DER_Fault_Loss_of_monitoring_RTN	107	DER Aggregator Server	
Generator failed to start	DER (11)	DER_Fault_Generator_failed_to_start	108	EMS / Controller	The EMS/Controller has attempted to start the generator and it has not started for a certain duration of time. (Not used in the telemetry only use case)
Generator failed to start RTN	DER (11)	DER_Fault_Generator_failed_to_start_RTN	109	EMS / Controller	

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Low enclosure temperature*	DER (11)	DER_Fault_Low_Enclosure_temperature	110	EMS / Controller	An enclosure with active heating has fallen below its design minimum temperature.
Low enclosure temperature RTN*	DER (11)	DER_Fault_Low_Enclosure_temperature_RTN	111	EMS / Controller	Temperature RTN
High enclosure temperature*	DER (11)	DER_Fault_high_Enclosure_temperature	112	EMS / Controller	An enclosure with active cooling has risen above its design maximum temperature.
High enclosure temperature RTN*	DER (11)	DER_Fault_high_Enclosure_temperature_RTN	113	EMS / Controller	Temperature RTN
Door Open	DER (11)	DER_Fault_Enclosure_door_open	114	Remote Site Gateway	The Cabinet or Enclosure door is open.
Door Open RTN	DER (11)	DER_Fault_Enclosure_door_open_RTN	115	Remote Site Gateway	The Cabinet or Enclosure door is closed. (RTN)
Unauthorized Access	DER (11)	DER_Fault_unauthorized_access	116	Remote Site Gateway	A user tried to access the Remote Site Gateway.
Unauthorized Access RTN	DER (11)	DER_Fault_unauthorized_access_RTN	117	Remote Site Gateway	A user accesses the Remote Gateway successfully. (RTN)
Time Synchronization Failure	DER (11)	DER_Fault_Time_Synchronization	118	Remote Site Gateway	Failure to Time synchronization with DER Server's 'Time'
Time Synchronization Failure RTN	DER (11)	DER_Fault_Time_Synchronization_RTN	119	Remote Site Gateway	Time synchronization - RTN

REVISION NOTES

Where?	What Changed?
NA	This is a new attachment to new Utility Procedure TD-2306P-01.