

Eclipse SCADA

Project Update

Eclipse SCADA

PV SCADA Client

File Alarms Window Help

Overview > IT/FSS

13:17:27

open SCADA® e-on Climate & Renewables

Overview

- A Overview
- X US/TPS1
- A IT/FRU
- A IT/CIV
- A IT/NOB
- IT/FSP
- A IT/FS2
- A IT/FSS
- A SYS Summaries
- A Server Grid
- Connection Grid

SITE

O. State 271 alarms

E. Power 5.218 MW

A. Power 5.342 MW

Ratio 102.4 %

METEO STATIONS

TmpAmb 21.0 °C

GlbSolIrr 580.3 W/m²

WindVel 6.9 m/s

TempModul 25.2 °C

SWITCH GEAR

TRANSFORMERS

1		2		3		4		5		6	
Power	0.452 MW	0.457 MW	0.465 MW	0.458 MW	0.447 MW	0.453 MW	Energy	2865.1 kWh	2935.1 kWh	2969.5 kWh	2882.8 kWh
Operation	Unknown, not set, NaN	Warning	Unknown, not set, NaN	Unknown, not set, NaN	Unknown, not set, NaN	Unknown, not set, NaN	Operation	Unknown, not set, NaN	Unknown, not set, NaN	Unknown, not set, NaN	Unknown, not set, NaN
7		8		9		10		11		12	
Power	0.438 MW	0.448 MW	0.481 MW	0.470 MW	0.457 MW	0.461 MW	Energy	2891.9 kWh	2602.1 kWh	2822.0 kWh	2777.0 kWh
Operation	Unknown, not set, NaN	Unknown, not set, NaN	Unknown, not set, NaN	Unknown, not set, NaN	Warning	Unknown, not set, NaN	Operation	Unknown, not set, NaN	Unknown, not set, NaN	Unknown, not set, NaN	Unknown, not set, NaN

Acknowledge required (sites)

CONNECTED | watching monitors: proxy.monitors.ack_required | 333 monitors found

ID	State	Fail Timestamp	Last Fail Value	Value	Ack User	Timestamp (acknowledged)	Tag
EON.R006.C005.S502.P000.SS.000.SUB000.I006.AR000.ST000.M8012.V.master.lo...	NOT_AKN	13:11:43.592	10	49.990002		10:26:11.404	EON.R006.C005.S502.P000.SS...
EON.R006.C005.S502.P000.SS.000.SUB000.I006.AR000.ST000.M8012.V.master.lo...	NOT_AKN	13:11:43.589	0	49.990002		10:26:11.339	EON.R006.C005.S502.P000.SS...
EON.R006.C005.S502.P000.SS.000.SUB000.I006.AR007.ST003.M9000.V.master.lo...	NOT_AKN	13:11:14.840	-2147483.75	0.087		14:13:08.688	EON.R006.C005.S502.P000.SS...

0/14 alarms Production GLB

2013



2015



2016



2016+



- Change branding
- Change all package names & namespaces
- Provide migration scenarios for users

Features & release

- Upgrade runtime to Mars
- Enhanced REST API
- Release 0.3 → delayed until branding is updated
- IEC 60870 & OPC XML DA implemented → stays at openSCADA for the moment

In Production

- New project at E.ON running Eclipse (Neo)SCADA
- Adding 500+ renewable energy assets, more next year



Open Source

- Open SCADA Google group grew from 80 to 200+ users in the last 12 months
- Contributions (issues, patches) are rare
- Most interest is in re-using communication protocols → split off protocols?

Questions?