

Gantner.webportal

Providing Optimized PV Production & Increased Asset Value



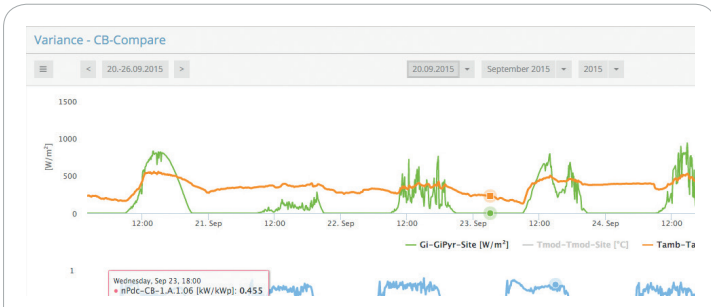
Gantner
instruments

Solution for PV performance monitoring, data acquisition, visualization, analysis and reporting

Main benefits with Gantner.webportal:

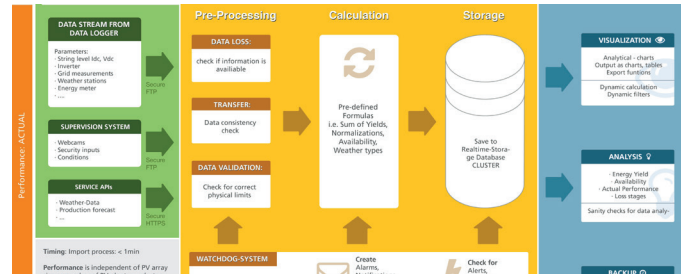
- Independent real-time analysis platform for data acquisition, storage and control of your PV portfolio
- Offers investors solid and reliable information (financial KPIs, performance analysis)
- Enabling them to evaluate their PV portfolio performance develop preventive maintenance strategies
- Performance guarantees – target vs. actual performance – can be reflected
- Responsible losses can be identified
- This identifies further optimization potential (in terms of kWh or \$) and leading to effective O&M and risk reduction for all involved stakeholders

Webportal 3.x Technical Features (Selection)



Charts

User-defined, intuitive, all parameters in full context, investor/management view, teamwork function, table based plots, direct export [...]



Data processing

Solid and traceable data consistency in real time, overall sensor reviews for measurement validity, global filters, error limits, uptime tracking [...]

Cnt	Mean	Stddev	Rel_Deviation [%] min/max	OK range (from mean) [%] +/-	Me
26	0.91	0.06115	-14.95 / 14.09	90	0.9

Component	nldc []	nldc_Diff []	nldc_Rel_Deviation [%]	Bar [%]	nldc_State []
Inverter-1.C.1	1.041	0.129	14.09	<div style="width: 100%;"></div>	high
Inverter-1.A.1	0.998	0.086	9.38	<div style="width: 100%;"></div>	ok
Inverter-1.D.2	0.998	0.086	9.38	<div style="width: 100%;"></div>	ok
Inverter-1.C.2	0.997	0.085	9.27	<div style="width: 100%;"></div>	ok
Inverter-1.A.2	0.978	0.066	7.19	<div style="width: 100%;"></div>	ok
Inverter-1.D.1	0.974	0.062	6.75	<div style="width: 100%;"></div>	ok
Inverter-1.B.1	0.960	0.048	5.21	<div style="width: 100%;"></div>	ok
Inverter-1.E.1	0.946	0.034	3.68	<div style="width: 100%;"></div>	ok

Analysis

Direct comparison and analysis of all components and parameters (absolute & normalized), real time identification of under-performing inverters, strings, etc.

Issues	recurring Issues	Contract Contacts	Delivery Contacts			
Full-Text Search						
Installation		Status				
Choose ...		Choose ...				
Id	Type	Status	Priority	Installation	Category	Title
15	Repair	Billed	High	Solarfarm	O&M	Q reader
12	Repair	Waiting for Feedback	Low	Solarfarm	Communication	keine Kommunikation zu MCB 01
10	Repair	Open	Low	Solarfarm	Communication	Bus Station E ohne Funktion.
9	Repair	Closed	Low	Solarfarm	Hardware	Q reader defekt
8	Repair	Closed	Low	Solarfarm	Calibration	GAK zeigt negativen Strom an M

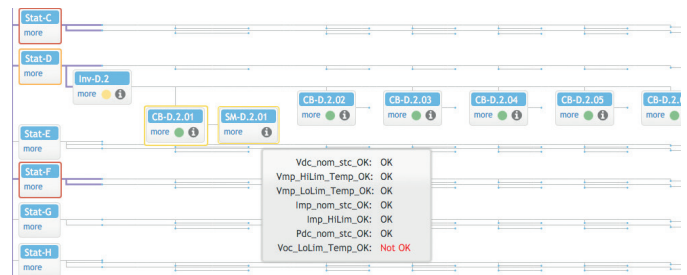
Issue tracking

Report and track issues from anywhere, linked with inventory, structure and user rights, easy export and integration into asset management solutions [...]

Position	Name	Type
GHpyr-1.B	CMP10	Sensor
GHpyr-1.M	CMP10	Sensor
GiPyr-1.B	CMP10	Sensor
GiPyr-1.M	CMP10	Sensor
CombinerBox-1.A.1.01 - String String-1.A.1.01.01	TSM_250 PC05A	PV module
CombinerBox-1.A.1.01 - String String-1.A.1.01.02	TSM_250 PC05A	PV module
CombinerBox-1.A.1.01 - String String-1.A.1.01.03	TSM_250 PC05A	PV module
CombinerBox-1.A.1.01 - String String-1.A.1.01.04	TSM_250 PC05A	PV module

Asset management

Inventorize all components (PV modules, strings, combiners, inverters, sub-station etc.) with documents, firmware, SLAs, warranty and link it to your ERP/Infrastruture.



Structured view

Get the full site structure automatically for a quick localization of problems, incl. fast validation checks, design & sanity checks, comparison of performance etc.

For your personal Gantner.webportal demonstration please contact: demo@gantner-webportal.com