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String Level Analysis

Detailed heat-map visualization of string performance across all inverters

Rajasthan Solar Farm



Export

Max Power

2.899 kW

Highest performing string

Min Power

0.814 kW

Lowest active string

Average Power

2.129 kW

Fleet average output

Faulty Strings

29

Zero output detected

Underperforming

44

Below 1.5 kW threshold

Heat-Map Chart

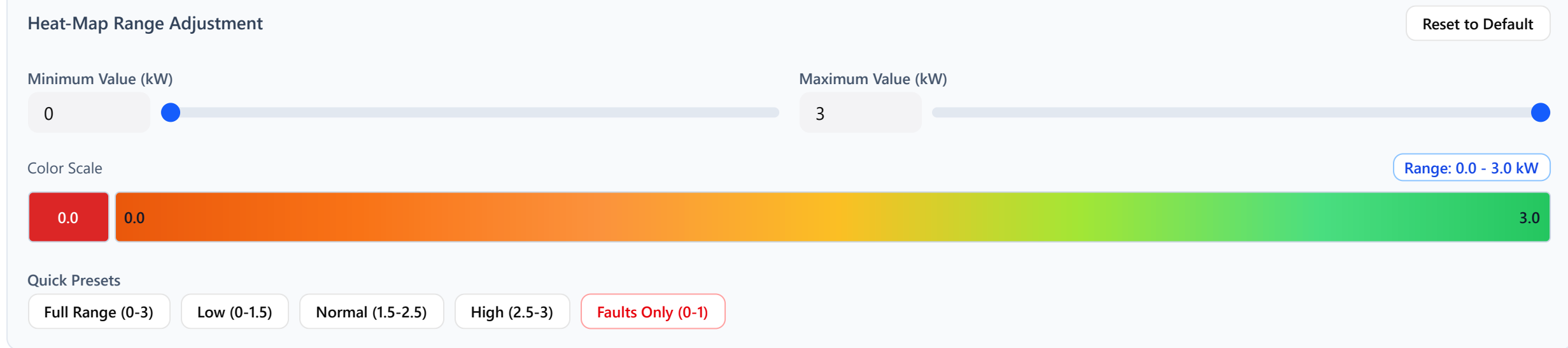
Real-time string power output visualization

29-01-2026

Average

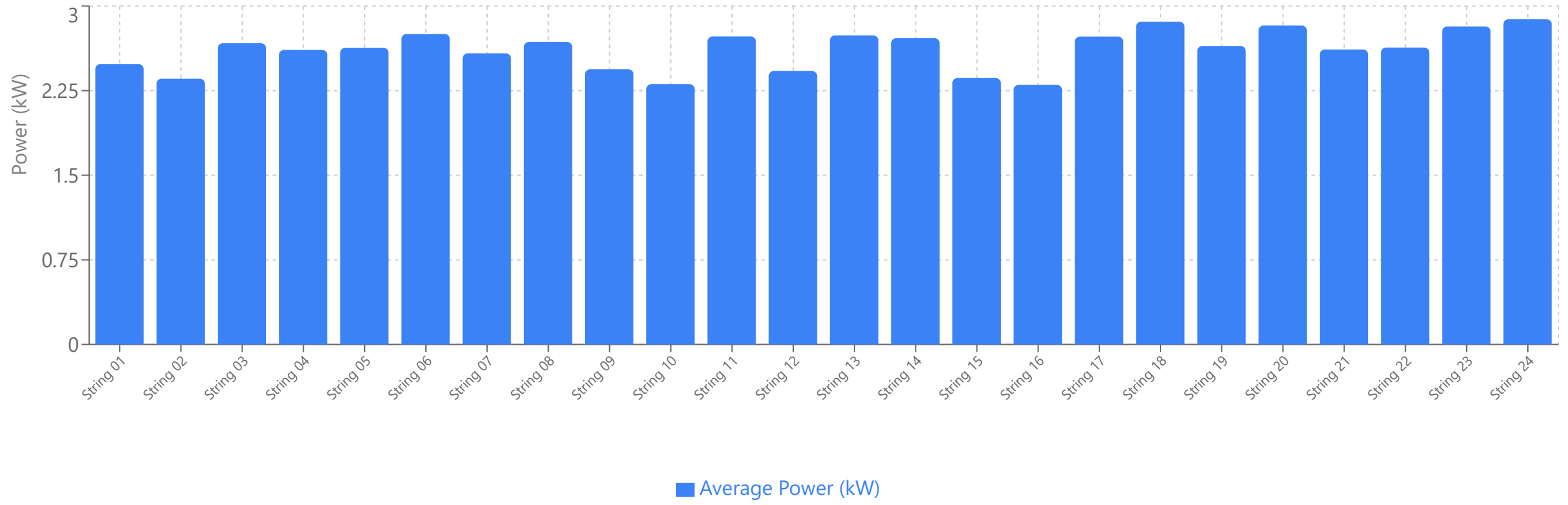
View

Inverter	String 01	String 02	String 03	String 04	String 05	String 06	String 07	String 08	String 09	String 10	String 11	String 12	String 13	String 14	String 15	String 16	String 17	String 18	String 19	String 20	String 21	String 22	String 23	String 24
INVERTER 01	0.000	2.701	2.621	2.675	0.969	2.264	1.064	2.231	0.000	2.343	2.363	2.361	0.000	0.896	2.491	1.418	1.352	2.748	2.406	0.944	0.884	2.657	2.554	2.1
INVERTER 02	2.877	2.456	0.837	2.742	0.000	0.000	2.309	0.000	2.295	1.092	2.379	2.594	2.586	2.473	2.256	2.540	0.000	2.808	2.531	0.000	2.802	2.498	2.804	2.1
INVERTER 03	2.727	0.943	0.000	1.024	2.564	2.311	2.638	2.846	2.432	2.812	2.346	2.307	1.544	2.485	2.742	2.552	0.951	2.547	2.457	2.671	2.755	2.781	1.592	2.1
INVERTER 04	2.611	2.242	1.596	0.000	1.542	2.579	2.656	2.296	1.585	2.779	1.564	2.561	2.636	2.325	2.713	2.677	2.268	1.512	2.403	2.523	2.329	0.000	1.538	2.1
INVERTER 05	0.000	2.687	1.502	2.354	2.666	2.652	2.665	2.716	1.211	2.737	2.649	2.430	2.351	2.500	2.682	2.743	2.505	0.000	2.470	2.762	2.869	2.598	2.874	2.1
INVERTER 06	2.358	2.345	0.000	0.840	2.252	1.435	2.798	2.834	2.508	2.311	2.610	0.000	2.222	1.533	2.357	2.853	2.389	2.760	2.857	2.303	2.596	2.557	1.016	2.1
INVERTER 07	0.000	2.586	2.263	2.779	2.471	2.565	2.322	2.706	2.753	2.530	0.855	2.572	2.424	0.000	2.328	0.955	2.350	0.916	2.292	2.500	2.730	2.407	2.289	2.1
INVERTER 08	2.771	2.789	2.391	2.261	2.853	2.521	2.417	2.899	2.589	2.815	2.737	1.415	2.241	2.300	2.635	2.586	2.296	2.515	2.609	0.000	2.301	1.304	0.000	0.0
INVERTER 09	0.000	2.860	2.423	0.000	2.423	2.888	2.602	2.372	2.463	2.467	2.620	2.602	2.604	2.865	2.876	2.380	2.400	2.395	1.508	1.329	2.543	0.814	2.530	2.1
INVERTER 10	2.468	2.735	2.755	2.288	1.095	2.405	0.903	2.862	1.060	2.558	0.000	2.705	2.727	2.838	2.330	1.341	2.416	2.829	2.800	2.568	2.541	2.286	2.235	2.1
INVERTER 11	2.379	2.471	2.493	2.843	2.310	2.384	1.447	2.526	1.143	2.686	2.499	2.844	2.666	2.215	2.710	1.073	1.341	0.000	2.727	2.642	2.598	2.347	2.446	2.1
INVERTER 12	2.244	2.746	0.989	0.000	1.476	2.226	2.631	2.757	1.171	1.223	1.320	0.000	2.659	2.345	2.591	2.241	2.549	2.711	0.852	2.376	2.691	0.000	2.544	2.1
INVERTER 13	2.868	2.791	2.405	2.758	2.717	2.368	2.335	0.000	2.795	2.561	0.945	2.405	2.591	2.462	1.466	2.852	1.545	2.750	2.349	2.760	1.234	2.535	0.968	2.1
INVERTER 14	2.849	1.522	2.441	2.555	2.495	2.278	0.000	2.425	2.313	2.466	2.869	2.683	2.743	2.634	2.296	2.838	2.357	2.213	2.211	1.297	2.450	1.443	2.811	2.2
INVERTER 15	2.324	2.576	2.327	2.287	2.477	2.789	2.653	2.361	2.301	2.311	2.618	2.232	2.505	2.606	2.752	2.380	2.597	2.417	2.627	1.124	2.648	2.327	2.264	2.3



Column Chart - String Performance

Average power output by string across all inverters



Critical Issues Detected

Strings requiring immediate attention

- INVERTER 01

Faulty strings: String 01, String 09, String 13

3 issues
- INVERTER 02

Faulty strings: String 05, String 06, String 08 + 2 more

5 issues
- INVERTER 03

Faulty strings: String 03

1 issues
- INVERTER 04

Faulty strings: String 04, String 22

2 issues
- INVERTER 05

Faulty strings: String 01, String 18

2 issues

Performance Warnings

Strings with reduced output

- INVERTER 01

Low output: String 05 (0.969kW), String 07 (1.064kW)

7 warnings
- INVERTER 02

Low output: String 03 (0.837kW), String 10 (1.092kW)

2 warnings
- INVERTER 03

Low output: String 02 (0.943kW), String 04 (1.024kW)

3 warnings
- INVERTER 05

Low output: String 09 (1.211kW)

1 warnings

73 strings require attention
29 critical faults, 44 performance warnings

Generate Report

Create Work Orders