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String Level Analysis

Detailed heat-map visualization of string performance across all inverters

| Max Power | Min Power | Average Power | Faulty Strings | Underperforming |
|---------------------------|----------------------|----------------------|----------------------|------------------------|
| 2.899 kW | 0.814 kW | 2.129 kW | 29 | 44 |
| Highest performing string | Lowest active string | Fleet average output | Zero output detected | Below 1.5 kW threshold |

Heat-Map Chart
Real-time string power output visualization

| 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 | 1.410 | 1.352 | 2.748 | 2.406 | 0.944 | 0.884 | 2.657 | 2.554 | 2.210 |
| INVERTER 02 | 2.877 | 2.456 | 0.837 | 2.742 | 0.000 | 0.000 | 2.809 | 0.000 | 2.295 | 1.093 | 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 | 2.181 |
| INVERTER 03 | 2.727 | 0.943 | 0.000 | 1.024 | 2.564 | 2.311 | 2.638 | 2.646 | 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 | 2.510 |
| INVERTER 04 | 2.611 | 2.242 | 1.596 | 0.000 | 1.542 | 2.579 | 2.656 | 2.296 | 1.595 | 2.719 | 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 | 2.510 |
| 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 | 2.510 |
| 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 | 2.210 |
| 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 | 2.410 |
| 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 | 0.000 |
| 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 | 2.386 | 2.400 | 2.395 | 1.508 | 1.329 | 2.543 | 0.814 | 2.530 | 2.510 |
| INVERTER 10 | 2.468 | 2.735 | 2.755 | 2.288 | 1.074 | 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 | 2.100 |
| 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 | 2.100 |
| INVERTER 12 | 2.244 | 2.746 | 0.989 | 0.000 | 1.476 | 2.226 | 2.631 | 2.757 | 1.171 | 1.223 | 1.324 | 0.000 | 2.659 | 2.345 | 2.591 | 2.241 | 2.549 | 2.711 | 0.852 | 2.376 | 2.691 | 0.000 | 2.544 | 2.100 |
| INVERTER 13 | 2.868 | 2.791 | 2.405 | 2.758 | 2.777 | 2.368 | 2.335 | 0.000 | 2.795 | 2.561 | 0.945 | 2.405 | 2.591 | 2.462 | 1.466 | 2.832 | 1.545 | 2.750 | 2.349 | 2.760 | 1.234 | 2.535 | 0.968 | 2.610 |
| 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 | 1.442 | 2.811 | 2.220 |
| 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 | 2.300 |

Heat-Map Range Adjustment

Reset to Default

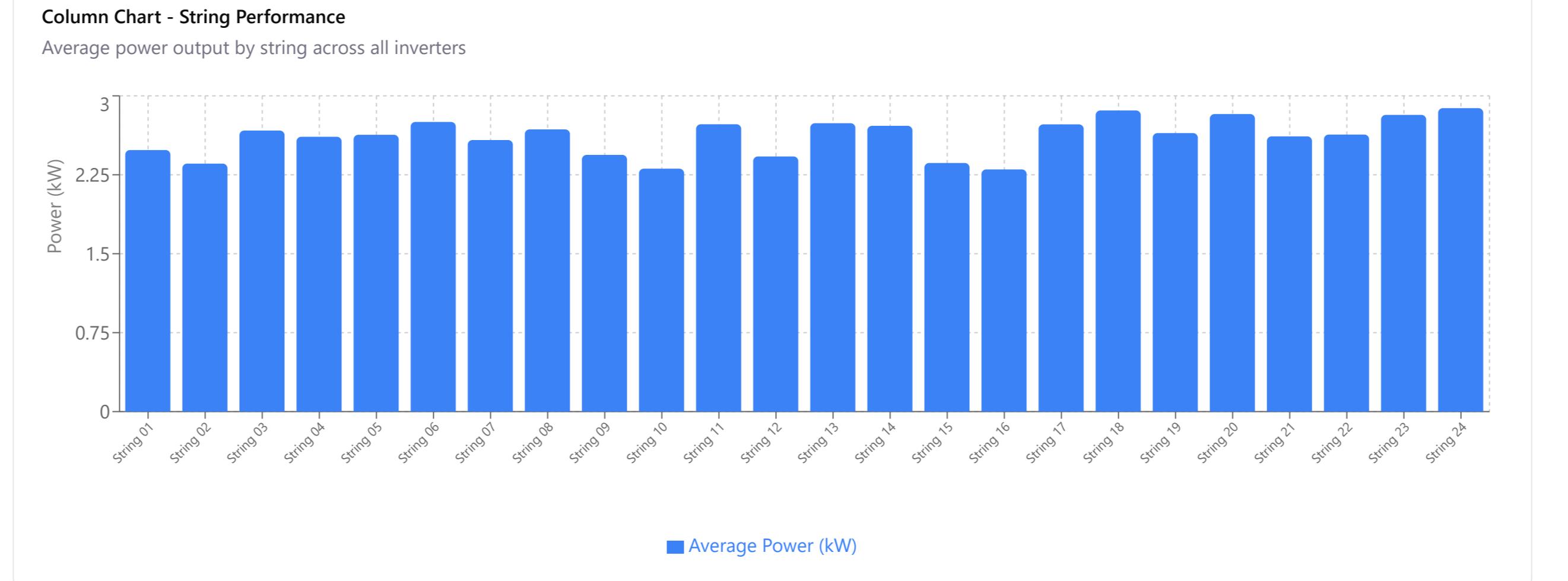
Minimum Value (kW) 0 Maximum Value (kW) 3

Color Scale

Range: 0.0 - 3.0 kW

Quick Presets

- [Full Range \(0-3\)](#)
- [Low \(0-1.5\)](#)
- [Normal \(1.5-2.5\)](#)
- [High \(2.5-3\)](#)
- [Faults Only \(0-1\)](#)



⚠ 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 warning

⚠ 73 strings require attention
29 critical faults, 44 performance warnings

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