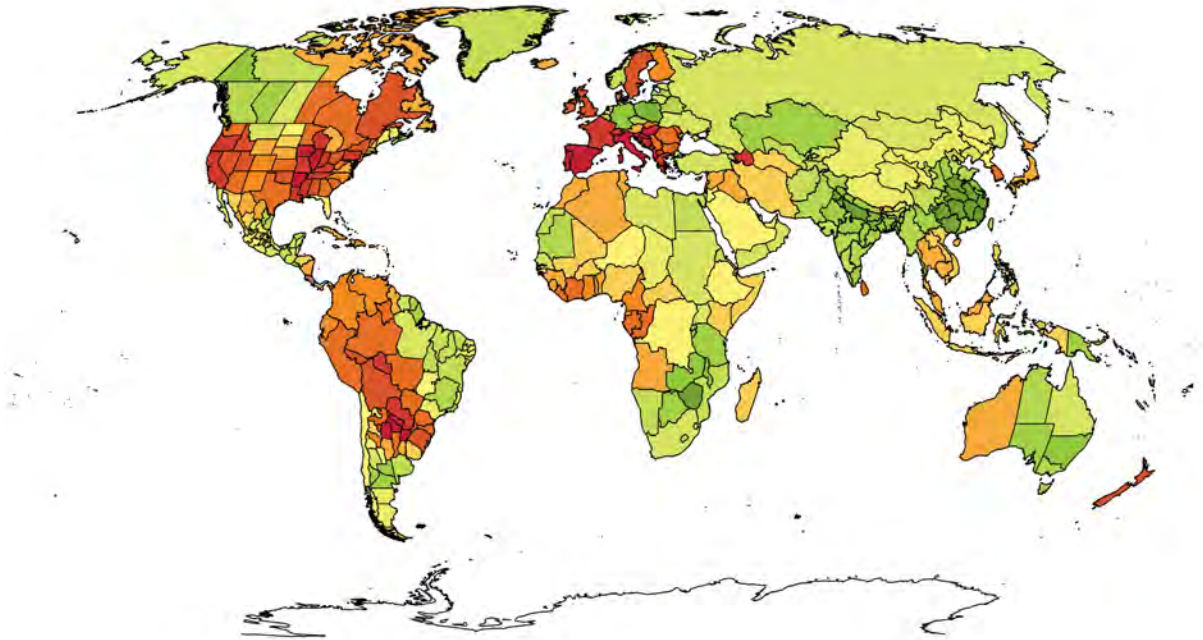
2022 | January

Solar Trends

Global solar resource performance



2022 | January

Global

The Solar Trends dataset depicts anomalies of the global irradiance resource from the historical norm on a monthly, quarterly and annual basis. This dataset is derived using the ERA5, a contemporary global climate reanalysis. The Solar Trends Bulletin monthly maps depict the county-, province-, or state-wide average solar resource anomalies. The quarterly and annual maps depict the global solar resource anomalies at native model resolution. The anomalies are calculated as a percent deviation from the 1995-2019 mean Global Horizontal Irradiance (GHI) for the calendar period. For more information about customized analyses for your project portfolio, data or subscription options, please contact us at **renewableenergyservices@ul.com.**

Solar Trends

Global solar resource performance

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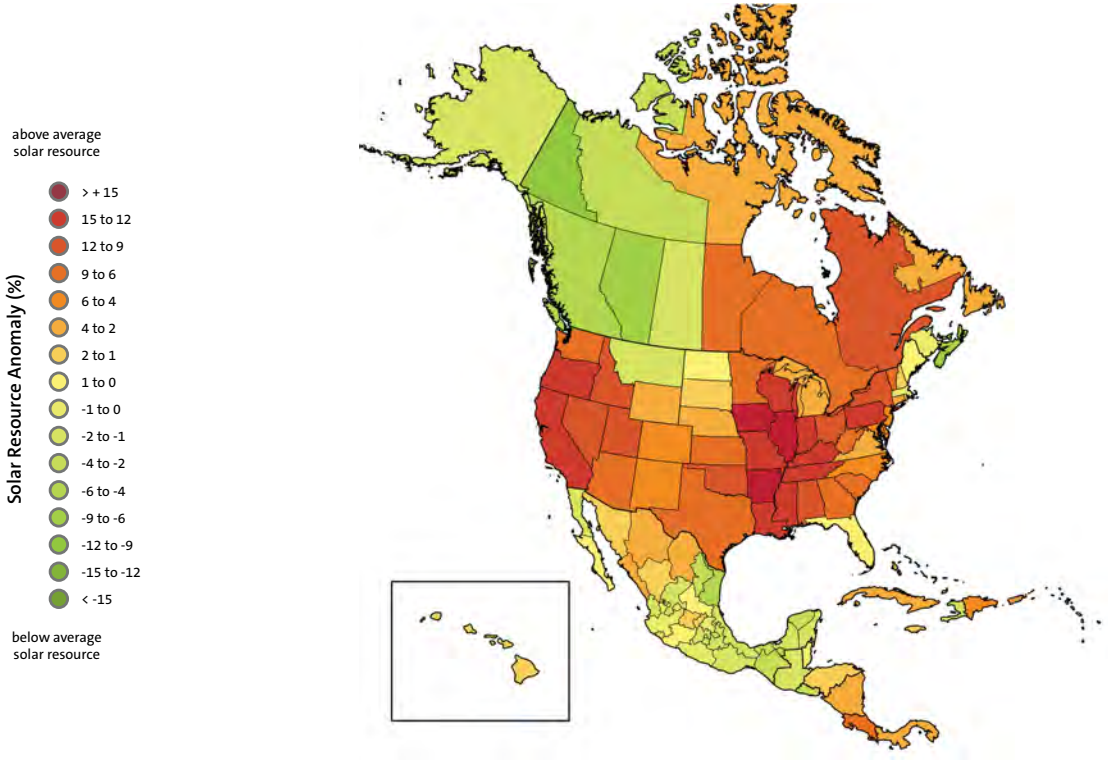

2022 | January

North America

Solar plant locations source:
GlobalData

Solar Trends

Global solar resource performance

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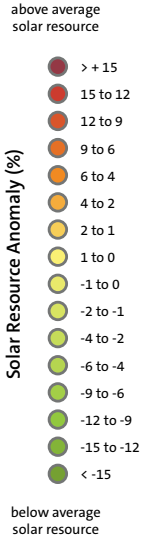
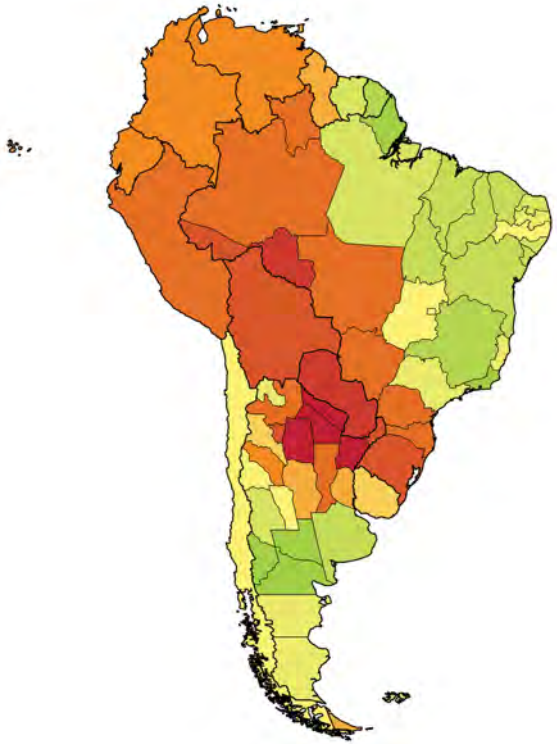
South America

Solar plant locations source:
GlobalData





Solar Trends

Global solar resource performance

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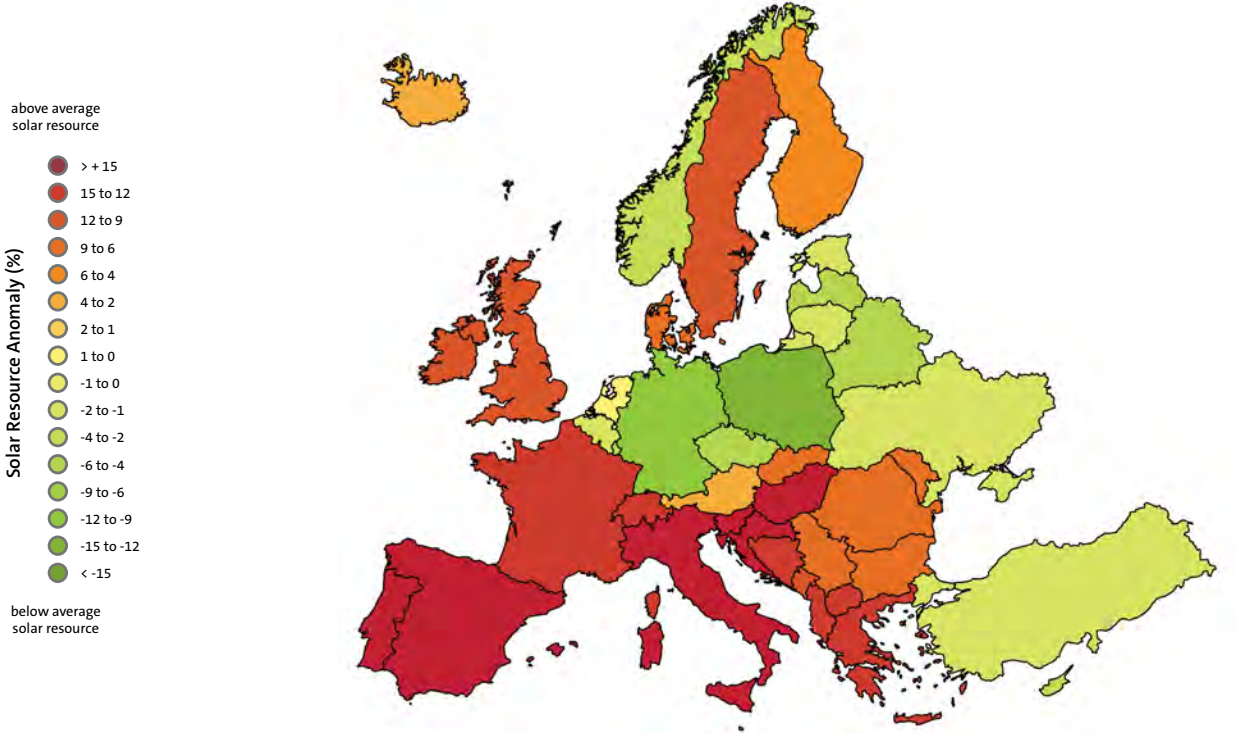
Europe

Solar plant locations source:
GlobalData



Solar Trends

Global solar resource performance

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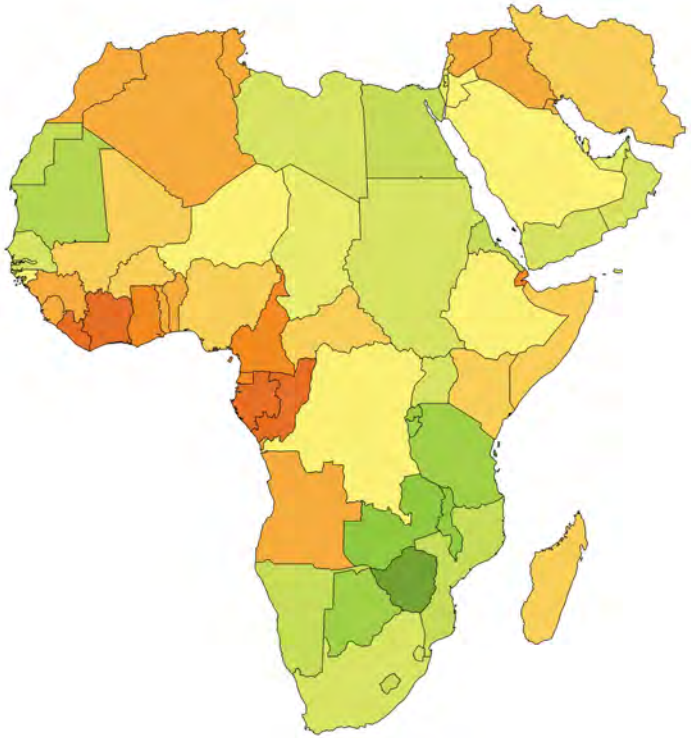
above average solar resource

Solar Resource Anomaly (%)

- > + 15
- 15 to 12
- 12 to 9
- 9 to 6
- 6 to 4
- 4 to 2
- 2 to 1
- 1 to 0
- -1 to 0
- -2 to -1
- -4 to -2
- -6 to -4
- -9 to -6
- -12 to -9
- -15 to -12
- < -15

below average solar resource



2022 | January

Africa / Middle East

Solar plant locations source:
GlobalData

Solar Trends

Global solar resource performance

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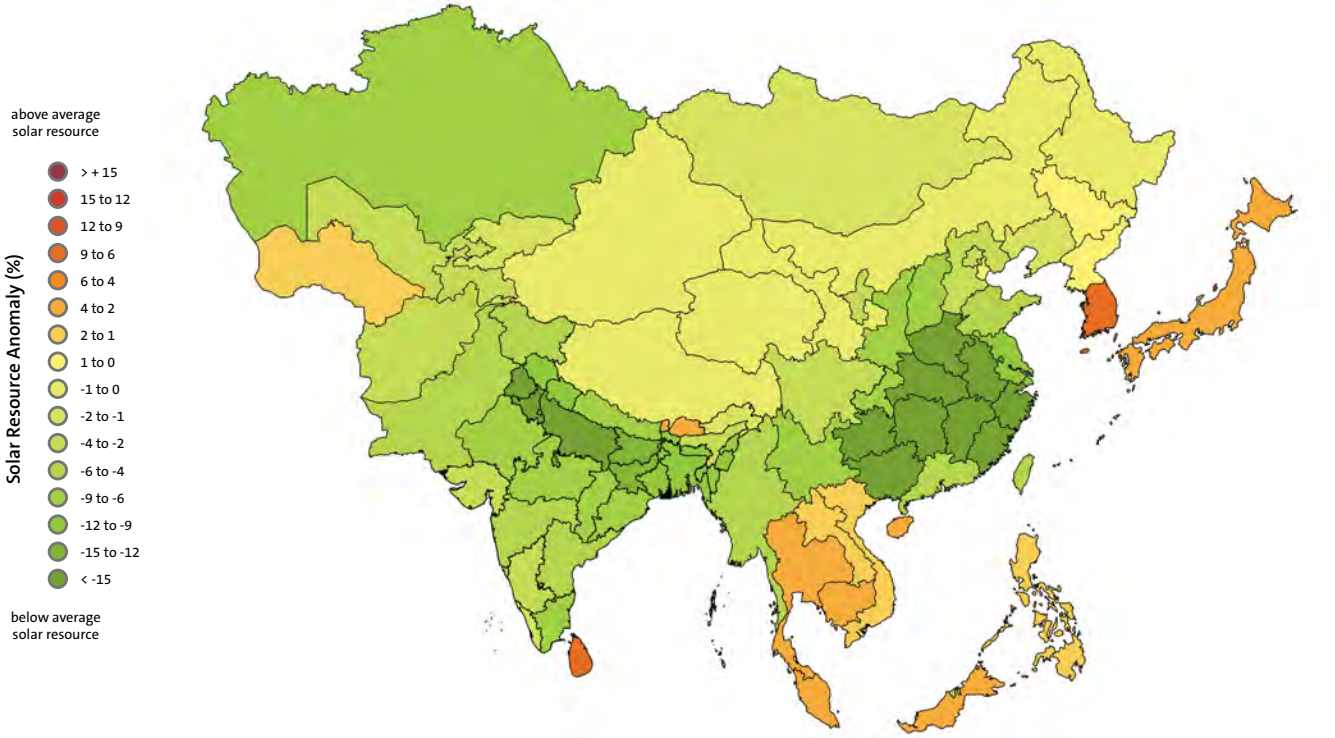
Asia

Solar plant locations source:
GlobalData



Solar Trends

Global solar resource performance

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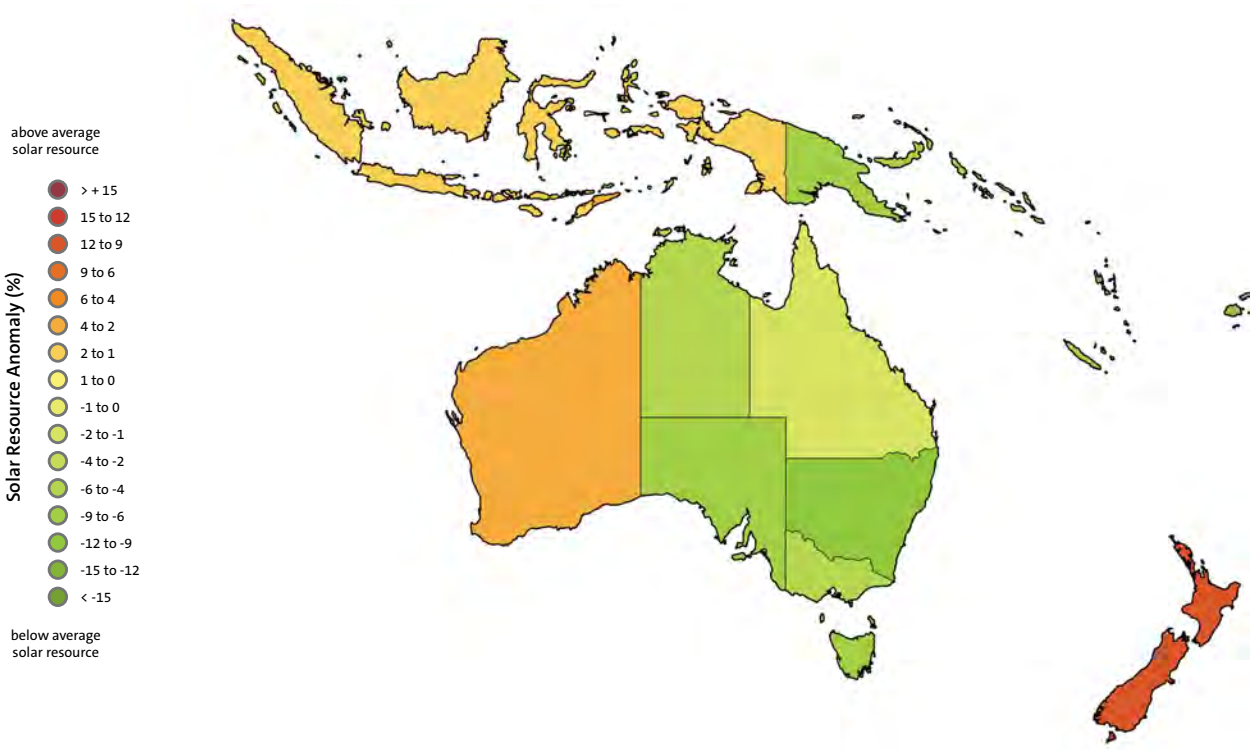

2022 | January

Oceania

Solar plant locations source:
GlobalData

Solar Trends

Global solar resource performance

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Wind Trends changes in 2022

To provide readers with more timely access to Wind Trends, we modified the bulletin and now offer a paid subscription to global wind anomaly maps and data. The paid version arrives in your inbox within the first five to ten business days of each month.

Learn more about resource anomaly subscriptions and other custom data offerings.

New Solar Trends bulletins

We now offer complimentary and paid subscriptions to Solar Trends, featuring global horizontal irradiance anomaly maps and data every month, quarter and year.

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