

Data identification

Title	Longterm average of daily totals of potential photovoltaic electricity production – Global Solar Atlas
Date	2024-05
Date type	Publication
Abstract	Longterm average of daily totals of potential photovoltaic electricity production (PVOUT) in kWh/kWp, covering the period from 1994/1999/2005/2007/2018 (depending on the region) to 2023
Purpose	Assessment of PV power production potential for a free standing PV power plant with c-Si modules mounted at optimum tilt to maximize monthly PV production
Unique resource identifier	f2f27ec2-de4a-7d6e-3927-8a12aad93b14
Supplemental information	This data layer represents an output from the Solargis global solar and PV models. It has been delivered for the Global Solar Atlas (https://globalsolaratlas.info/), online platform funded by the Energy Sector Management Assistance Program (ESMAP), a multi-donor trust fund administered by The World Bank, under a global initiative on Renewable Energy Resource Mapping.
Keywords	Solar resource data, PVOUT, Potential photovoltaic electricity production, Long-term average, Solargis, World Bank, ESMAP, Global Solar Atlas
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Topic

Topic category	Climatology, meteorology, atmosphere
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Extent

Geographic bounding box

West bound	-180.0
East bound	180.0
South bound	-60.0
North bound	65.0

Spatial resolution

Units	arc-sec
Distance	30.0

Lineage

Statement	Potential photovoltaic electricity production is calculated by Solargis algorithms
Description	PVOUT calculated by Solargis algorithms and data. Main inputs: Global irradiation at optimum tilt (GTI) and air temperature (TEMP)

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Metadata author

Organisation name	Solargis
Role	Originator
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