

Data identification

Title	Longterm yearly average of Potential photovoltaic electricity production – South Africa
Date	2017-06
Date type	Publication
Abstract	Longterm yearly average of potential photovoltaic electricity production (PVOUT) in kWh/kWp, covering the period 1994-2015
Purpose	Assessment of PV power production potential for a free standing PV power plant with modules mounted at optimum tilt to maximize monthly PV production
Unique resource identifier	388de26f-a7c7-ae34-1ebe-bdcb21b2d3cc
Supplemental information	This is an output from the contract on solar resource assessment and mapping, signed between the World Bank Group and Solargis. This activity is funded and supported 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
Legal constrains	Copyright: PV power potential data © 2017 Solargis. The data is published under a Creative Commons Attribution license (CC BY 3.0 IGO)

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Role	Originator

Topic category	Climatology, meteorology, atmosphere
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Extent

Geographic bounding box

West bound	16.0
East bound	39.0
South bound	-48.0
North bound	-22.0

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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