Data identification

Title	Longterm monthly average of daily totals of potential photovoltaic electricity production in July – Maldives
Date	2018-10
Date type	Publication
Abstract	Longterm monthly average of potential photovoltaic electricity production (PVOUT) in kWh/kWp, calculated for July and covering the years from 1999 to 2017
Purpose	Assessment of PV power production potential for a free standing PV power plant with cSi modules mounted at 7° tilt towards the Equator
Unique resource identifier	8639d490-ebb0-718b-e92a-9aeb160367b3
Supplemental information	This data layer is an output from the solar resource mapping of Maldives. It has been delivered by Solargis for the Energy Sector Management Assistance Program (ESMAP), a global initiative in support of renewable energy resource mapping together with Asia Sustainable and Alternative Energy Program (ASTAE), both administered by The World Bank, under a global initiative on Renewable Energy Resource Mapping. The uncertainty of the solar resource data has been reduced by regional model adaptation based on ground measurements collected at four solar meteorological stations across Maldives, funded by The World Bank in years 2015 to 2018.
Keywords	Solar resource data, PVOUT, Potential photovoltaic electricity production, Long-term average, Solargis, World Bank, ESMAP, Maldives
Legal constrains	Copyright: PV power potential data © 2018 Solargis. The data is published under a Creative Commons Attribution license (CC BY 3.0 IGO)

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Topic category	Climatology, meteorology, atmosphere

Extent

Geographic bounding box

West bound	72.0
East bound	74.0
South bound	-1.0
North bound	8.0

Spatial resolution

Units	arc-sec
Distance	9.0

Lineage

Statement	Potential photovoltaic electricity production is calculated by Solargis algorithms
Description	PVOUT calculated by Solargis algorithms and data. Main inputs: Global irradiation for the surface tilted at 7° towards the Equator (GTI) and air temperature (TEMP)

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Metadata author

Organisation name	Solargis
Role	Originator
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