

Data identification

Title	Optimum tilt of photovoltaic modules – Zambia
Date	2019-03
Date type	Publication
Abstract	Data layer represents Optimum angle (OPTA)
Purpose	Optimum tilt to maximize yearly PV production
Unique resource identifier	7928e304-0dfc-4723-8089-b27f4e12402a
Supplemental information	This data layer is an output from the solar resource mapping of Zambia by Solargis. It has been delivered for the Energy Sector Management Assistance Program (ESMAP), a global initiative in support of renewable energy resource mapping under a global initiative on Renewable Energy Resource Mapping, administered by The World Bank. The uncertainty of the solar resource data has been reduced by regional model adaptation based on ground measurements collected at three solar meteorological stations across Zambia, funded by The World Bank in years 2015 to 2017.
Keywords	Solar resource data, OPTA, optimum tilt, World Bank, ESMAP, Zambia
Legal constraints	Copyright: Solar resource data © 2019 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
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Extent

Geographic bounding box

West bound	21.0
East bound	34.0
South bound	-19.0
North bound	-7.0

Spatial resolution

Units	arc-sec
Distance	120.0

Lineage

Statement	Optimum angle is calculated by Solargis algorithms
Description	OPTA calculated by Solargis algorithms and data. Main inputs: Global horizontal irradiation (GHI), direct normal irradiation (DNI)

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Metadata author

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Role	Originator
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