

## Data identification

|                            |  |
|----------------------------|--|
| Title                      | Longterm monthly average of daily totals of potential photovoltaic electricity production in October – Panama - Global Solar Atlas 2.0   |
| Date                       | 2019-10  |
| Date type                  | Publication  |
| Abstract                   | Longterm monthly average of potential photovoltaic electricity production (PVOUT) in kWh/kWp, calculated for October and covering the years from 1999 to 2018  |
| Purpose                    | Assessment of PV power production potential for a free standing PV power plant with modules mounted at optimum tilt to maximize yearly PV production   |
| Unique resource identifier | 86403f1e-7bf3-5253-6e2c-a1faf6b5ab9e   |
| Supplemental information   | This data layer represents an output from the Solargis global solar model. It has been delivered for the Global Solar Atlas ( <a href="https://globalsolaratlas.info/">https://globalsolaratlas.info/</a> ), 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  |
| Legal constraints          | Copyright: PV power potential data © 2019 Solargis. The data is published in Global Solar Atlas under a Creative Commons 4.0 Attribution International license, CC BY 4.0 with the following mandatory and binding addition: Any and all disputes arising under this License that cannot be settled amicably shall be submitted to mediation in accordance with the WIPO Mediation Rules 3 in effect at the time the work was published. If the request for mediation is not resolved within forty-five (45) days of the request, either You or the Licensor may, pursuant to a notice of arbitration communicated by reasonable means to the other party refer the dispute to final and binding arbitration to be conducted in accordance with UNCITRAL Arbitration Rules as then in force. The arbitral tribunal shall consist of a sole arbitrator and the language of the proceedings shall be English unless otherwise agreed. The place of arbitration shall be where the Licensor has its headquarters. The arbitral proceedings shall be conducted remotely (e.g., via telephone conference or written submissions) whenever practicable, or held at the World Bank headquarters in Washington DC. |

## 1. Point of contact

|                   |  |
|-------------------|--|
| Organisation name | THE WORLD BANK   |
| Email             | energydata@worldbankgroup.org  |
| Website           | <a href="http://www.esmap.org/RE_Mapping">www.esmap.org/RE_Mapping</a> |
| Role              | Owner  |

## 2. Point of contact

|                   |  |
|-------------------|--|
| Organisation name | Solargis   |
| Email             | <a href="mailto:company@solargis.com">company@solargis.com</a> |
| Website           | <a href="http://solargis.com">solargis.com</a>                 |

|                |                                      |
|----------------|--------------------------------------|
| Role           | Originator                           |
| Topic category | Climatology, meteorology, atmosphere |

## Extent

### Geographic bounding box

|             |                |
|-------------|----------------|
| West bound  | -84.0          |
| East bound  | -77.0000000003 |
| South bound | 7.0            |
| North bound | 9.99999999988  |

## Spatial resolution

|          |               |
|----------|---------------|
| Units    | arc-sec       |
| Distance | 29.9999999988 |

## 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) |

|                   |                                      |
|-------------------|--------------------------------------|
| File identifier   | b50a1169-123a-ccfa-70a8-00d1fc610f61 |
| Metadata language | eng                                  |
| Character set     | UTF8                                 |

## Metadata author

|                   |                     |
|-------------------|---------------------|
| Organisation name | Solargis            |
| Role              | Originator          |
| Date stamp        | 2019-10-20T00:50:38 |