

## Data identification

|                            |  |
|----------------------------|--|
| Title                      | Longterm monthly average of Potential photovoltaic electricity production in January – United Arab Emirates - 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 January 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 monthly 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  |
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|                |                                      |
|----------------|--------------------------------------|
| Role           | Originator                           |
| Topic category | Climatology, meteorology, atmosphere |

## Extent

### Geographic bounding box

|             |      |
|-------------|------|
| West bound  | 51.0 |
| East bound  | 57.0 |
| South bound | 22.0 |
| North bound | 27.0 |

## 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) |

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

## Metadata author

|                   |                     |
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| Organisation name | Solargis            |
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| Date stamp        | 2019-10-20T03:53:41 |