Figure S2. Satellite images of the 17 dated solar sites. Yellow: site boundary in File S1; cyan: PV700 extension. Chips are per-pixel median composites of cloud-masked scenes for the period shown.

PV018 · Apriltsi PV Plant · 621.76 ha

First year with panels: 2024; built after the 2016–2018 baseline



Sentinel-2 · May–Sep 2023 (186 scenes) | Sentinel-2 · Aug–Dec 2024 (168 scenes) | Sentinel-2 · May–Sep 2025 (277 scenes)

PV575 · Verila PV Plant · 136.15 ha

First year with panels: 2023; built after the 2016–2018 baseline



Sentinel-2 · May–Sep 2022 (62 scenes) | Sentinel-2 · Aug–Dec 2023 (56 scenes) | Sentinel-2 · May–Sep 2024 (60 scenes)

PV068 · Unnamed site · 54.14 ha

First year with panels: 2023; built after the 2016–2018 baseline



Sentinel-2 · May–Sep 2022 (31 scenes) | Sentinel-2 · Aug–Dec 2023 (28 scenes) | Sentinel-2 · May–Sep 2024 (30 scenes)

PV272 · Unnamed site · 62.61 ha

First year with panels: 2023; built after the 2016–2018 baseline



Sentinel-2 · May–Sep 2022 (60 scenes) | Sentinel-2 · Aug–Dec 2023 (54 scenes) | Sentinel-2 · May–Sep 2024 (60 scenes)

PV001 · Unnamed site · 48.85 ha

First year with panels: 2023; built after the 2016–2018 baseline



Sentinel-2 · May–Sep 2022 (30 scenes) | Sentinel-2 · Aug–Dec 2023 (27 scenes) | Sentinel-2 · May–Sep 2024 (30 scenes)

PV497 · Unnamed site · 49.72 ha

First year with panels: 2022; built after the 2016–2018 baseline



Sentinel-2 · May–Sep 2021 (30 scenes) | Sentinel-2 · Aug–Dec 2022 (27 scenes) | Sentinel-2 · May–Sep 2023 (30 scenes)

Figure S2. Satellite images of the 17 dated solar sites (continued). Yellow: site boundary in File S1; cyan: PV700 extension. Chips are per-pixel median composites of cloud-masked scenes for the period shown.

PV301 · Unnamed site · 72.30 ha

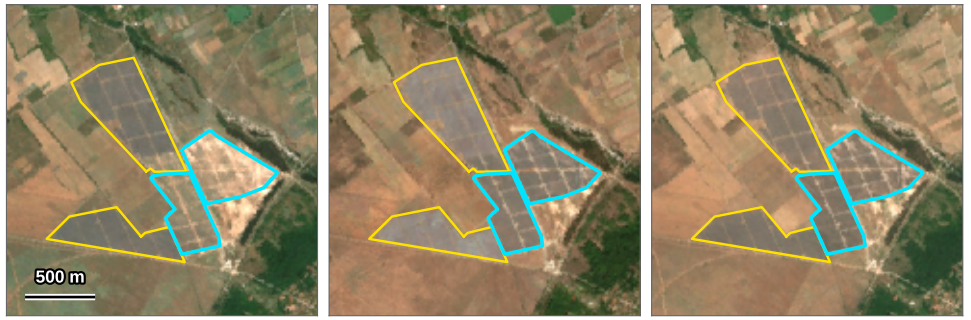
First year with panels: 2022; built after the 2016–2018 baseline



Sentinel-2 · May–Sep 2021 (122 scenes) | Sentinel-2 · Aug–Dec 2022 (110 scenes) | Sentinel-2 · May–Sep 2023 (126 scenes)

PV700 · Kazanlak Solar Farm · 35.44 ha extension (cyan)

First year with panels: 2020 (extension); built after the 2016–2018 baseline



Sentinel-2 · May–Sep 2019 (29 scenes) | Sentinel-2 · Aug–Dec 2020 (27 scenes) | Sentinel-2 · May–Sep 2021 (30 scenes)

PV005 · Karadzhalovo Solar Park · 96.88 ha

First year with panels: 2012; present during the 2016–2018 baseline



Landsat 5 · May–Sep 2011 (11 scenes) | Landsat 7 · Aug–Dec 2012 (10 scenes) | Sentinel-2 · May–Sep 2018 (31 scenes)

PV049 · Unnamed site · 61.44 ha

First year with panels: 2012; present during the 2016–2018 baseline



Landsat 5 · May–Sep 2011 (12 scenes) | Landsat 7 · Aug–Dec 2012 (11 scenes) | Sentinel-2 · May–Sep 2018 (31 scenes)

PV053 · Cherganovo Solar Site · 58.61 ha

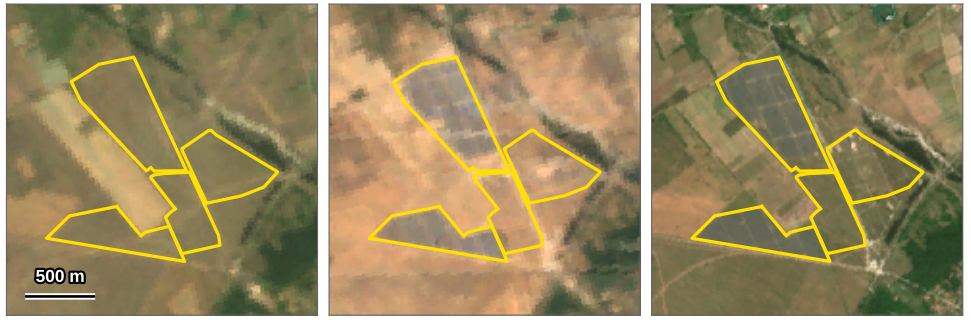
First year with panels: 2012; present during the 2016–2018 baseline



Landsat 5 · May–Sep 2011 (18 scenes) | Landsat 7 · Aug–Dec 2012 (18 scenes) | Sentinel-2 · May–Sep 2018 (31 scenes)

PV700 · Kazanlak Solar Farm · 87.29 ha

First year with panels: 2012 (original array); present during the 2016–2018 baseline



Landsat 5 · May–Sep 2011 (18 scenes) | Landsat 7 · Aug–Dec 2012 (18 scenes) | Sentinel-2 · May–Sep 2018 (31 scenes)

Figure S2. Satellite images of the 17 dated solar sites (continued). Yellow: site boundary in File S1; cyan: PV700 extension. Chips are per-pixel median composites of cloud-masked scenes for the period shown.

PV075 · Pobeda PV Plant · 103.46 ha

First year with panels: 2012; present during the 2016–2018 baseline



Landsat 5 · May–Sep 2011 (14 scenes) | Landsat 7 · Aug–Dec 2012 (9 scenes) | Sentinel-2 · May–Sep 2018 (120 scenes)

PV048 · Unnamed site · 51.99 ha

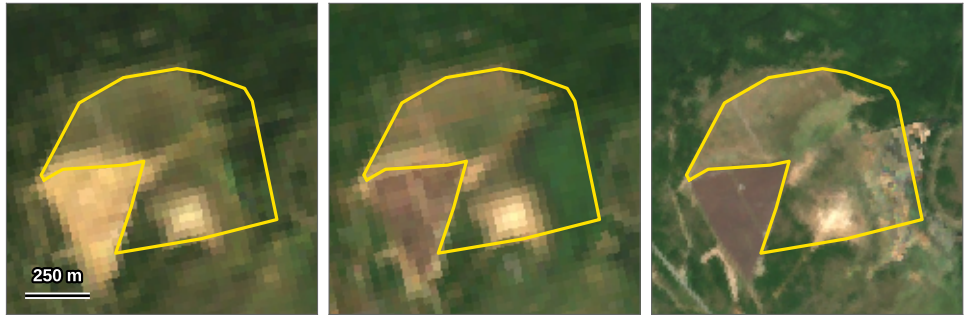
First year with panels: 2012; present during the 2016–2018 baseline



Landsat 5 · May–Sep 2011 (8 scenes) | Landsat 7 · Aug–Dec 2012 (5 scenes) | Sentinel-2 · May–Sep 2018 (116 scenes)

PV451 · Slancheva Perla Solar Park · 39.68 ha

First year with panels: 2012; present during the 2016–2018 baseline



Landsat 5 · May–Sep 2010 (8 scenes) | Landsat 7 · May–mid-Aug 2012 (7 scenes) | Sentinel-2 · May–Sep 2018 (29 scenes)

PV089 · Unnamed site · 46.29 ha

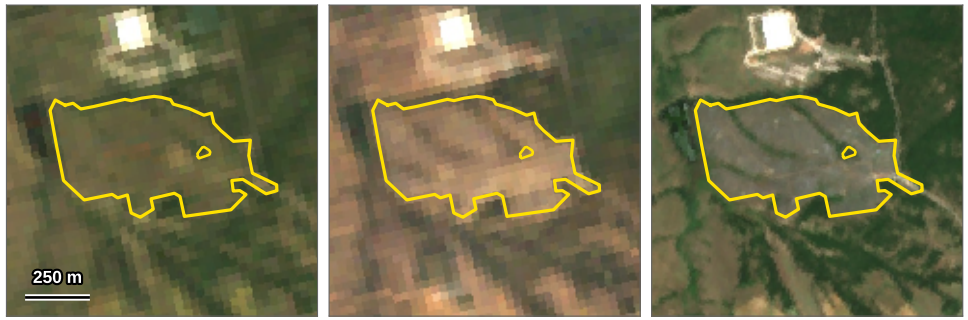
First year with panels: 2012; present during the 2016–2018 baseline



Landsat 5 · May–Sep 2011 (5 scenes) | Landsat 7 · Aug–Dec 2012 (3 scenes) | Sentinel-2 · May–Sep 2018 (120 scenes)

PV698 · Unnamed site · 26.50 ha

First year with panels: by 2016; present during the 2016–2018 baseline



Landsat 5 · May–Sep 2010 (11 scenes) | Landsat 7 · Aug–Dec 2012 (10 scenes) | Sentinel-2 · May–Sep 2018 (31 scenes)

PV703 · Unnamed site · 45.96 ha

First year with panels: 2012; present during the 2016–2018 baseline



Landsat 5 · May–Sep 2011 (6 scenes) | Landsat 7 · Aug–Dec 2012 (4 scenes) | Sentinel-2 · May–Sep 2018 (120 scenes)

Contains modified Copernicus Sentinel data (2018–2025), processed in Google Earth Engine. Landsat 5, 7 and 8 Collection 2 surface reflectance courtesy of the U.S. Geological Survey.
Landsat 7 images after 2003 contain scan-line gaps; light grey marks pixels without valid observations. Script: R1_construction_dates_imagery_GEE.js (File S2).