

Thermal solar power near Barstow, California, USA

Sentinel-1 CSAR IW acquired on **27 March 2015** at 01:49:55 UTC
Sentinel-1 CSAR SM acquired on **13 June 2016** at 13:51:37 UTC
Sentinel-1 CSAR IW acquired on **21 January 2017** at 13:51:07 UTC
Sentinel-2 MSI acquired on **26 October 2019** at 18:34:49 UTC

Author(s): Sentinel Vision team, VisioTerra, France - svp@visioterra.fr

Keyword(s): Renewable energy, green energies, climate change, global warming, land, infrastructure, Mojave desert, USA



[3D Layerstack](#)

Fig. 1 - S1 (21.01.2017) - Solar Energy Generating Systems (cyan) is a concentrated solar power plant in California, the most powerful in the World in 1984 & still in 2005.

[2D view](#)

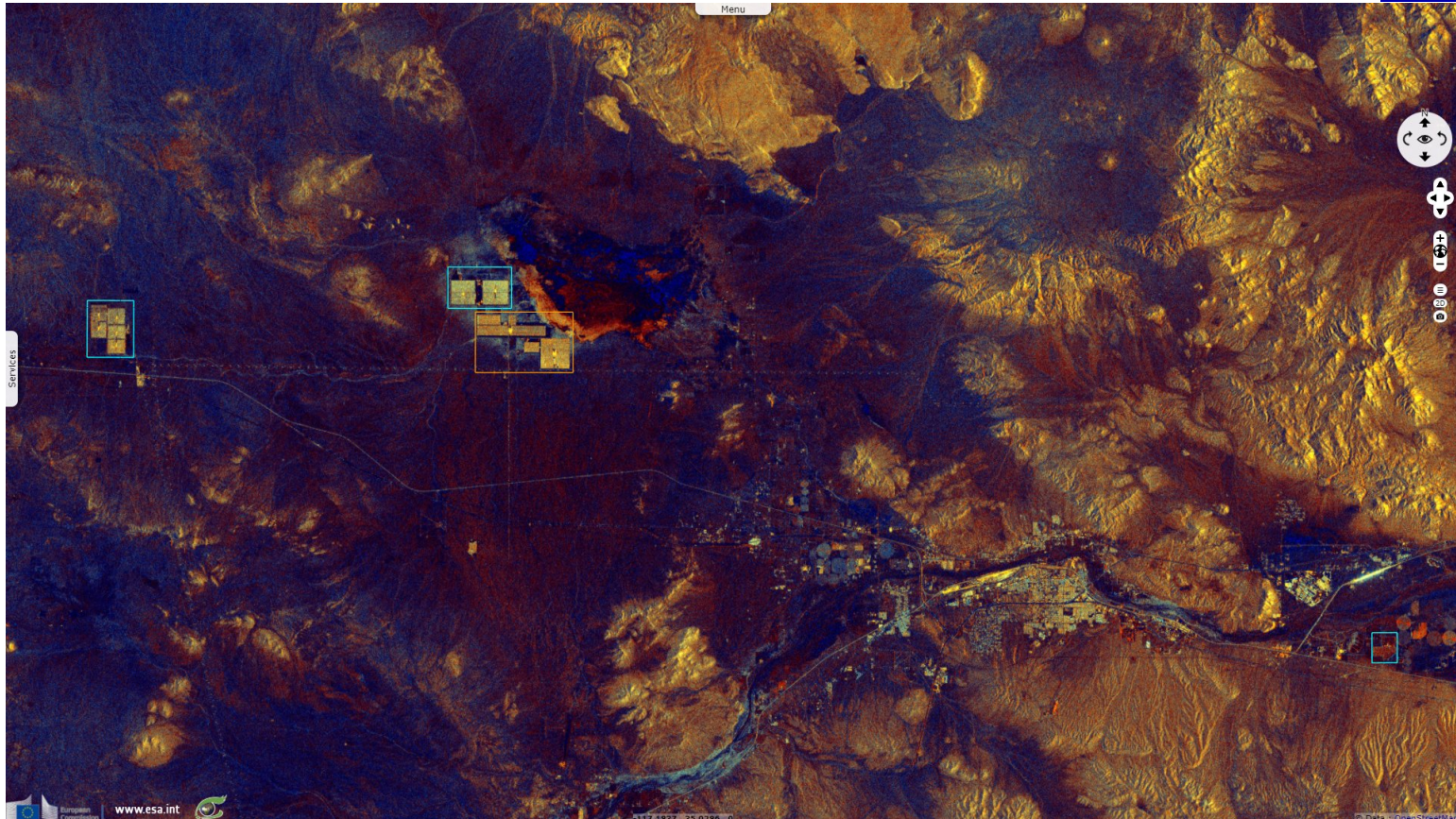
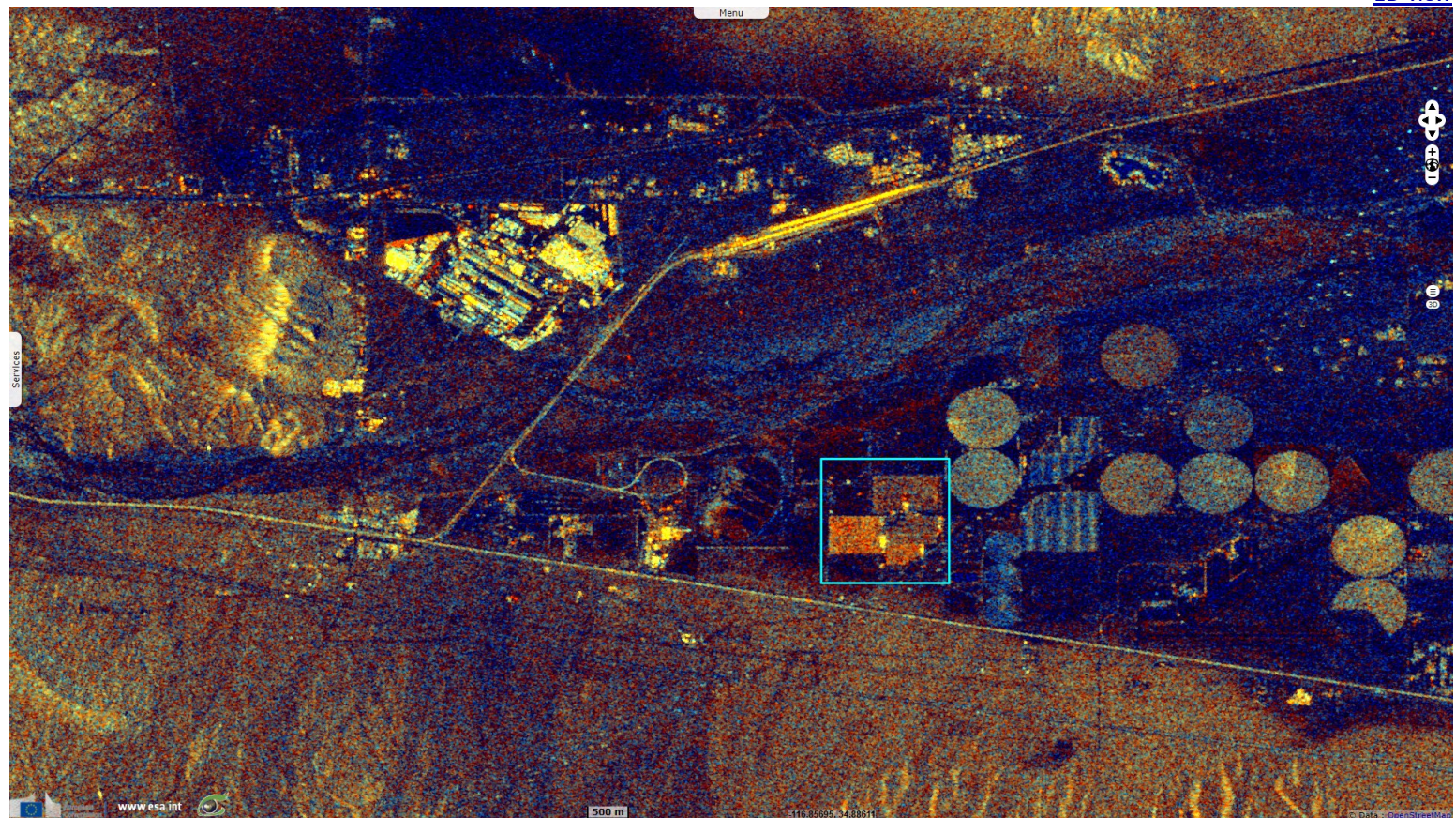


Fig. 2 - S1 (27.03.2015) - With the combined capacity from its 3 nearby locations at 354 MW net, these solar plants are claimed to power 232 500 homes at peak power.

[2D view](#)



It was the world's largest solar thermal energy generating facility until the commissioning of the even larger Ivanpah facility in 2014.

Fig. 3 - S2 (26.10.2019) - The facilities have a total of 936 384 mirrors, covering over 647.5 ha. Lined up, the parabolic mirrors would extend over 369 km.

[2D view](#)

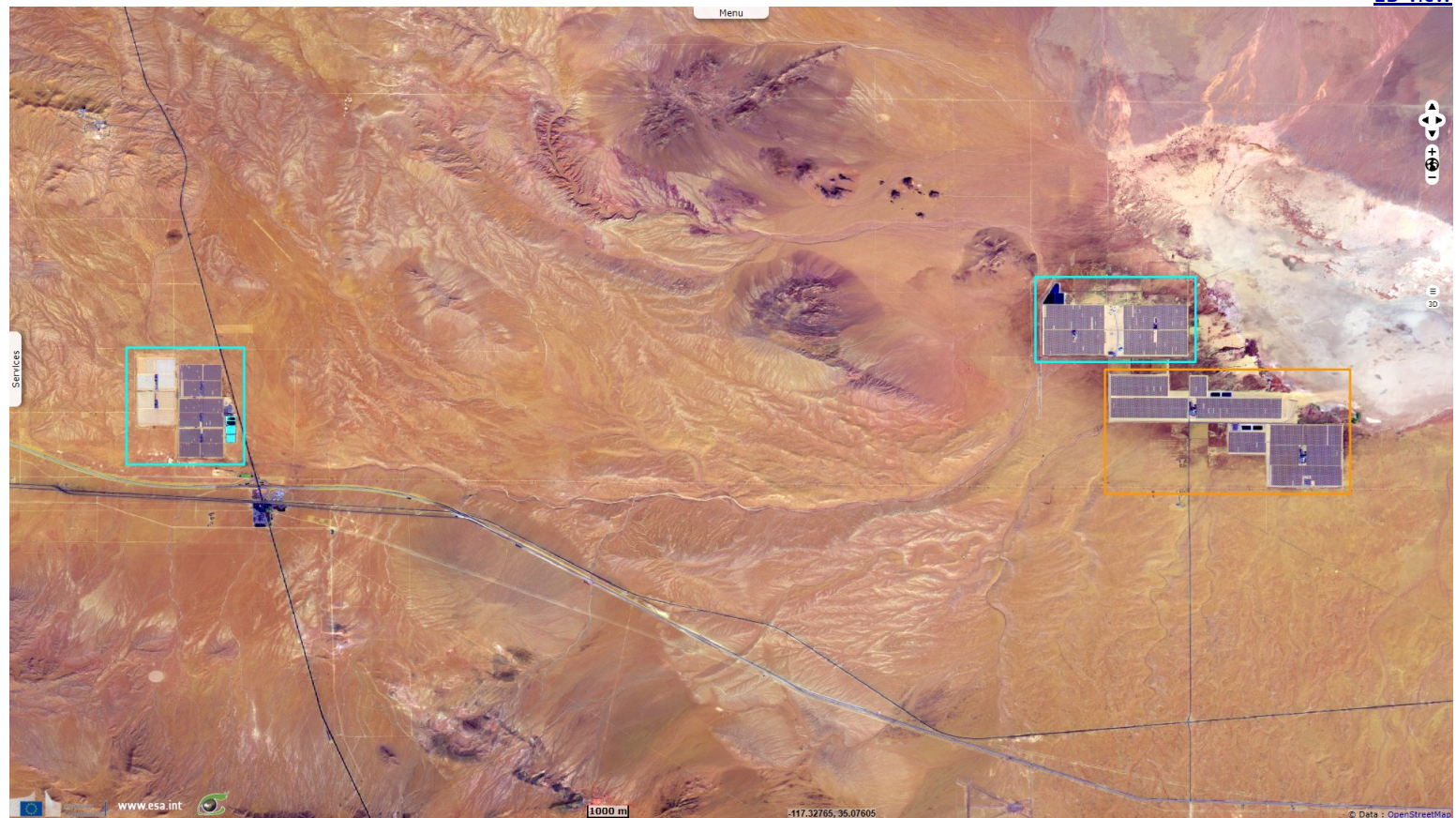
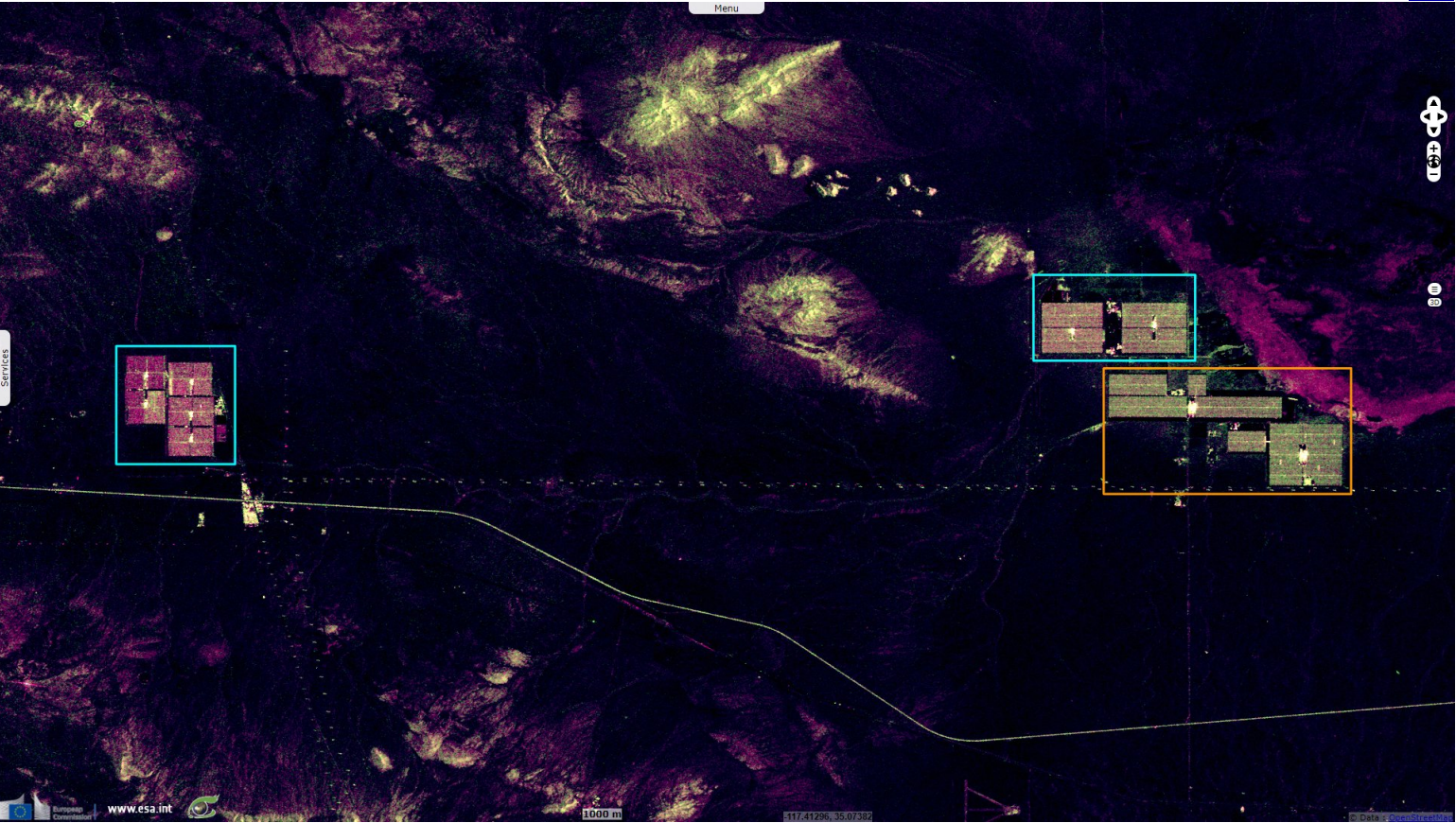














Fig. 4 - S1 (13.06.2016) - The adjacent Mojave Solar Project (orange) has a combined nameplate capacity of 250 MW net from its single plant.

[2D view](#)



The electric lines required to transport the energy to the users show well on radar images.

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