

What is Project Sunroof?

Project Sunroof puts Google's expansive data in mapping and computing resources to use for people and organizations interested in solar power, helping illustrate the potential of solar power for a single house, and with the introduction of the data explorer, the potential of solar for zip codes, cities, counties and states.

Does Project Sunroof have solar data?

We currently have solar data for portions of 50 states and Washington DC. See if we've got you covered. Project Sunroof is a solar calculator from Google that helps you map your roof's solar savings potential. Learn more, get an estimate and connect with providers.

What is sunroof & how does it work?

Initially launched to drive consumer awareness and education, the service now also makes it easy for interested homeowners to connect with solar providers in their area. Sunroof covers 43 million rooftops in the U.S. -- which is more than 50% of all households -- and in the coming months will be available in all 50 states.

How much data does sunroof process?

Sunroof processes roughly 1 petabyte(1,000 terabytes) of data: height and color for 43 million homes; weather information; about 1,000 state and local incentives; and hundreds of local electricity rates. Over the past 3 years, Sunroof has grown from a part-time project to a full-time job for Elkin and his team.

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Project Sunroof computes how much sunlight hits the roof taking into account Google's database of aerial imagery and maps, 3D roof modeling, shadows cast by nearby structures and trees, all possible sun positions over the year, historical cloud and temperature patterns that might affect solar energy production.

Explore estimated solar potential of your community. Updated total solar potential data for cities and regions

around the world available in the Environmental Insights Explorer (EIE) . Simply enter a state, county, city, or zip code to see a solar estimate for the area, based on the amount of usable sunlight and roof space.

Flow, Adam Neumann's co-living startup, opened a compound with 238 apartments in Saudi Arabia's capital, Riyadh, and Forbes has some details. The opening included an Aztec-themed hot chocolate...

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Project Sunroof pone los amplios datos de Google en cartograf#237;a y recursos inform#225;ticos al servicio de las personas y organizaciones interesadas en la energ#237;a solar, ayudando a ilustrar el potencial de la energ#237;a solar para una sola casa y, con la introducci#243;n del explorador de datos, el potencial de la energ#237;a solar para c#243;digos ...

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