New Zealand google sunroof

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.

What is sunroof's Data Explorer tool?

Sunroof's Data Explorer tool can help inform city stakeholders about the opportunity of solar energy,and the work that is needed to support solar-friendly policies. Thomas J. Herrod,Climate and Policy analyst,City of Denver

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.

Are solar panels available in Auckland?

While the model hasn't been made available to the public yet, the plan is to do so. In a recent NZ Herald article, the best regions for solar panels in Auckland have been revealed, with a rating system of 1 to 5 grading how much solar exposure each square metre receives.

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.

Using the Solar API and Google Maps, homeowners can enter their address into the Project Sunroof website and instantly see their rooftop"s solar potential. The platform also provides a cost savings calculator, which estimates the amount of money that can be saved through solar installation and a list of solar professionals and

providers in ...

Today we"re excited to be taking Project Sunroof a step further by launching a new data explorer tool to enable solar estimates for entire communities, in addition to individual homes, by leveraging 3D rooftop geometry from Google Earth to estimate the solar potential for millions of rooftops in America.

Google are doing this by using what they already have available in Google Maps, and using the path and angle of the sun, generating a guide to how much solar energy your roof collects ...

Google are doing this by using what they already have available in Google Maps, and using the path and angle of the sun, generating a guide to how much solar energy your roof collects based on surrounding shade sources like topography, trees, chimneys and tall buildings.

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Try it now - https://#p=0. How the project works - Step-by-step. o Search for your home - Currently available in the US, but it will soon be available across the globe (including New Zealand, of course). o Personalize your solar analysis - Change your electricity bills to make your estimate more accurate.

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This was Google"s way of measuring the solar potential of your roof. Project Sunroof of course started in the USA and hasn"t yet made it to New Zealand yet, but it seems there"s a local researcher - Dr Kiti Suomalainen - looking to create a 3D model of half a million Auckland homes, measuring the Auckland solar potential.

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