

NV Energy and Google Collaborate on Advanced Geothermal

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On June 11, 2024, Google and NV Energy announced a partnership to create a new Clean Transition Tariff (CTT). The CTT aims to power Google's data centers and office campuses on 24/7 carbon-free energy by 2030. To start this goal, this partnership will deploy an advanced geothermal plant to increase firm clean power on their local grid. Working with Fervo Energy, NV Energy has incorporated 115 MW of new advanced geothermal power into the CTT partnership.

Given the current and projected increase in energy demand there is a growing need for 24/7 carbon-free energy technologies, many of which are currently more costly than conventional alternatives or renewable technologies like wind or solar. The CTT helps address these cost hurdles by allowing large corporations to opt to pay a higher rate for these firm clean power sources, avoiding rate increases for residential customers. If approved, the CTT structure could help jump start the deployment of advanced geothermal and other advanced 24/7 clean energy technologies.

Read more:

- [Google press release](#)
- [Read the Agreement](#)