



FastRack510-6dgTM Supporting Santa Fe Water Filtration Plant: Ground Mount on the Roof

Key Project Facts:

Location & Year

Santa Fe, CA 2026

System Size

467.5 kW-DC

Mounting System

SollegaTM FastRack 510-6dg at 10° tilt

Modules

TS-BG72

Sollega's FastRack 510-5dgTM system has been deployed across a wide array of both flat roof and ground-mount PV projects in it's 16-year history. Building a PV array on top of a subterranean reservoir in Santa Fe, CA gave the system it's first opportunity to accomplish both at the same time.

While on the surface, the array looks impressive - 974 FR510s supporting 850 90in modules across a wide bed of gravel, under the



surface is where the complexity of a build like this hides. With 13 million gallons of crucial potable water resting in an underground reservoir built in the 1970s, installation teams could not risk driving heavy gear onto the site, pile drive, or even bring a truck out to smooth the drain rock lest they risk cracking the sidewalls. To make a PV installation viable, a new solution was needed.

The FR510 system was chosen because as a ballasted/hybrid flat roof and ground mount system, it is purpose built to reduce or remove the need for any roof or ground (or in this case, both) penetrations. The array can be quickly set up by a small team of installers, with no heavy machinery or pile driving required. As a polymer mounting platform, the racks can flex to adjust for uneven areas in the drain rock. It also will not leech or corrode like metal, crucial when in close proximity to a water supply.

If your upcoming flat roof, ground mount, or both PV installation requires a purpose-built touch, contact Sollega today.

Contact Information:



[Sollega.com](https://sollega.com)



(415) 648-1299



info@sollega.com