

PROJECT SPOTLIGHT

Energy Storage Providing Flexible Peaking Capacity for Arizona's Grid



Chandler, Arizona, United States



Energy storage is already providing a wealth of services to central Arizona's grid through other deployments, from supporting the growth of renewables to boosting reliability on transmission and distribution grids. This latest investment will add much-needed efficiency and value for our more than 1 million electric consumers.

Mike Hummel, General Manager
and Chief Executive Officer at SRP

SYSTEM OVERVIEW

- Fluence's Advancion Energy Storage Platform
- 10 MW / 40 MWh
- Owned by The AES Corporation (AES)
- Operated by Salt River Project (SRP), a community-based, not-for-profit public power utility and the largest provider of power in the greater Phoenix metropolitan area, serving more than 1 million customers.
- Entered commercial operation in 2019

APPLICATIONS

- Capacity Peak Power

PROJECT HIGHLIGHTS

- This energy storage system is charged by an SRP distribution substation and provides peaking capacity by injecting power into the grid during high peak demand periods.
- The solution can deliver the energy equivalent to powering about 2,400 homes in the greater Phoenix metropolitan area for up to four hours.
- This is Fluence's fourth project in Arizona and supports the ongoing integration of renewable power sources for central Arizona's power grid.

