



## **Water Plant 27- Tank 131 Scanning and As-builts**

**Belridge, California**

**Client: Aera Energy, LLC**

To assist with design efforts at the Water Plant 27 – Tank 131 facility, Aera Energy, LLC selected DPSI to provide 3D scanning and as-built services.

DPSI coordinated with the mechanical design engineer to determine the locations of existing pipelines, valves, structures, electrical, pipe supports, and tie-in's outside the facility of Tank 131. DPSI also performed a 3D laser scan identifying the existing conditions of the facilities at Tank 131 and provided a 3D point cloud that is registered for the facility.

DPSI's scope of work included:

- Field Operations with Z+F Imager 5006 (i) system
- Horizontal and vertical control throughout Tank 131 facility to assist with placement of targets
- Detailed scanning of Tank 131 facility
- Registering of each point cloud using LFM Register
- Quality Control
- Project Management