

# FACT SHEET

# cap power portfolio

The Central Arizona Project (CAP) lifts water approximately 3,000 feet across its 336-mile system stretching from Lake Havasu to Tucson. Colorado River water is lifted by pumping plants – 14 in all – flowing through the aqueduct by gravity until it needs another lift to continue uphill. Water is heavy, and pumping it across the state takes a lot of energy. In fact, CAP is one of the largest end users of electric energy in the state.

## CAP POWER PORTFOLIO

In the past, most of the power needed to move this water came from a single source, the Navajo Generating Station, which closed in 2019. Now, to manage its power needs, CAP has developed a diversified power portfolio, which includes a combination of long-term and market purchases.

### MARKET PURCHASES



#### Market Forward Purchases

power from the market as needed to supplement the long-term power resources



#### Market Daily/Short-Term Purchases

pumping on a seasonal and hourly basis to obtain the lowest cost possible

### CAP'S LONG-TERM CONTRACTED RESOURCES INCLUDE:



**50-year**  
contract for power from Hoover Dam



**20-year**  
power purchase agreement (PPA) for energy from a 30 MW solar facility



**5-year**  
PPA for 35 MW from Salt River Project (SRP)  
(Contract expires at the end of 2024.)

CAP's annual cost for energy can range between \$60-80 million, depending on pumping volumes and market prices.

### SOURCES OF POWER



**50% to 60%**  
Market Forward Purchases



**20%**  
Market Daily/Short-Term Purchases



**12% to 15%**  
SRP



**6%**  
Hoover



**5%**  
Solar Phase I

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CentralArizonaProject.com

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