



DESERT RAINBOW PROJECT COMMUNITY MEETING

First Floor, Room 118 and 119

Tuesday April 14, 2026

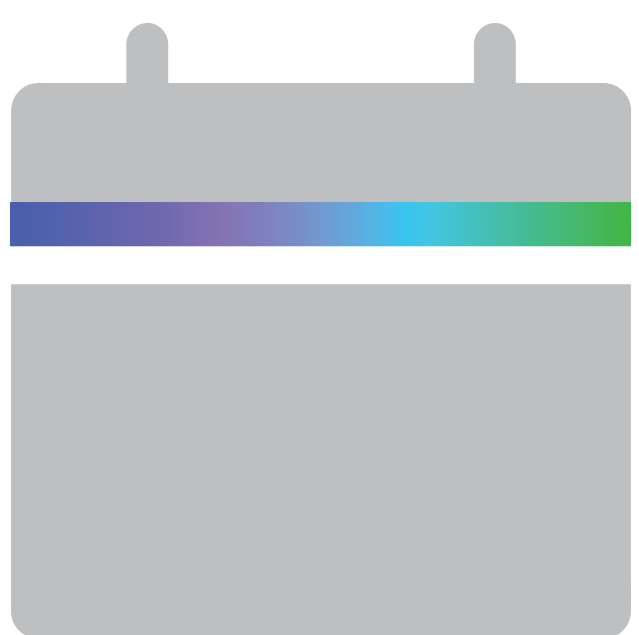
5:30 - 7:00PM





DESERT RAINBOW PROJECT COMMUNITY MEETING

Please Sign In



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- The AES Corporation is a **Fortune 500 global energy company** that develops and operates power generation and energy storage projects around the world. The company works with utilities, businesses, and communities to deliver reliable and increasingly clean sources of electricity.
- AES is one of the largest U.S.-based global power companies and is known for developing and integrating new energy technologies. Its diverse energy portfolio includes renewable energy, battery storage, and other power generation resources.
- AES supplies electricity to utilities and major businesses, including many technology companies with growing energy needs.

AES' US Businesses overview



1,400+ People
600+ Projects
29 States and territories

14.6 GW Operating
8 GW Total backlog

6.4 GW solar	2.3 GW wind
2.6 GW battery energy storage	3.3 GW natural gas and flexible capacity

FLUENCE

A Siemens and AES Company

Fluence Energy, our joint venture with Siemens, was recognized in 2024 by Forbes as one of America's Most Successful Mid-Cap Companies, reflecting AES' global leadership in energy storage.

Proud to be recognized as

- Newsweek**
America's Greatest Workplaces for Veterans, 2024 & 2025
- Forbes**
Forbes' America's Most Trusted Companies, 2025
- FORTUNE**
Fortune's World's Most Admired Companies, 2024
- FAST@COMPANY**
Fast Company's 100 Best Workplaces for Innovators, 2020, 2022, & 2024
- THE WALL STREET JOURNAL**
Wall Street Journal's Best Managed Companies, 2020, 2021, 2022, & 2024
- ETHISPHERE**
Ethisphere World's Most Ethical Companies, 12-years running
- CIO100 AWARDS**
CIO Award for IT Leadership & Innovation, 2024, 2025

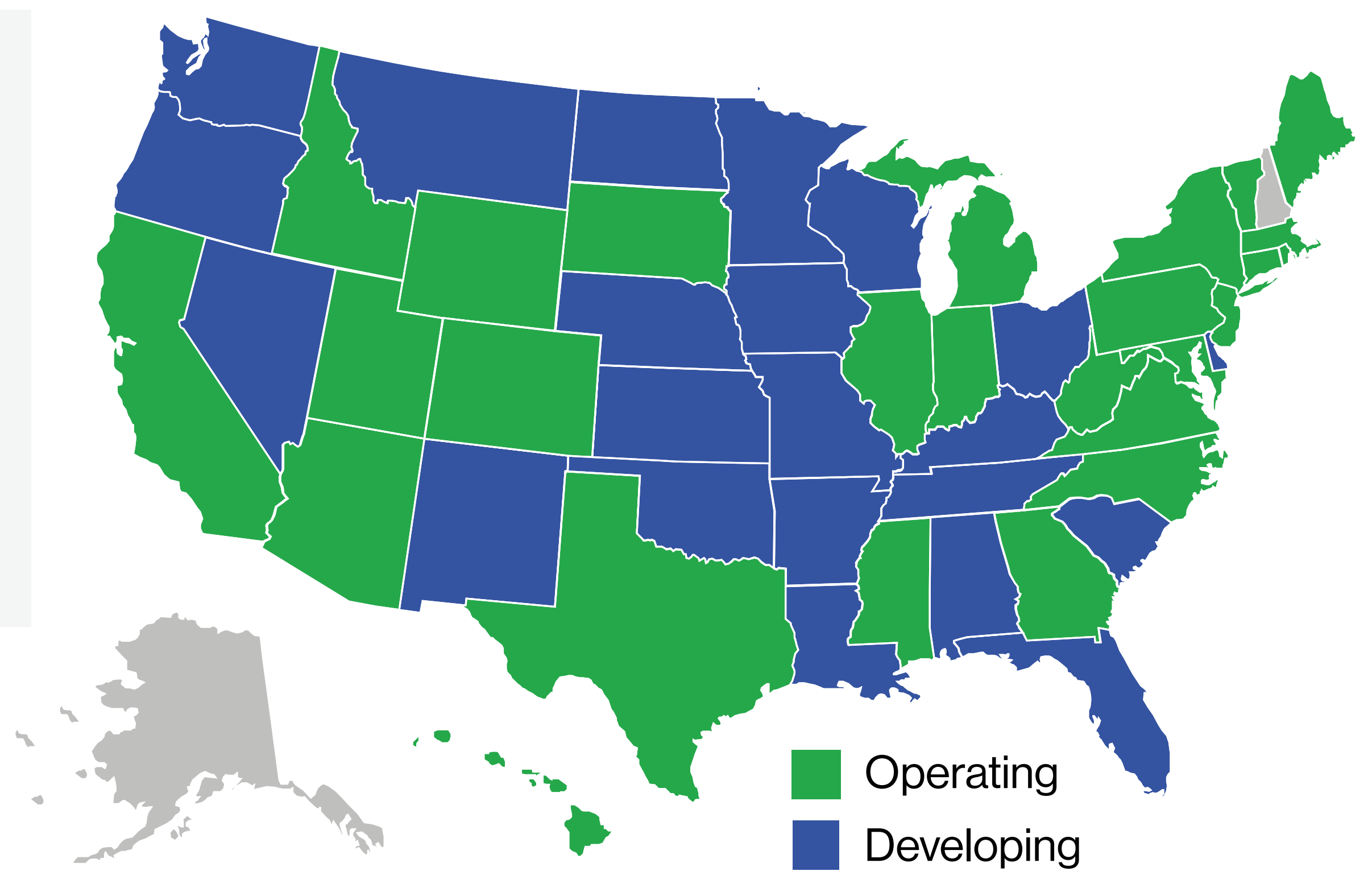
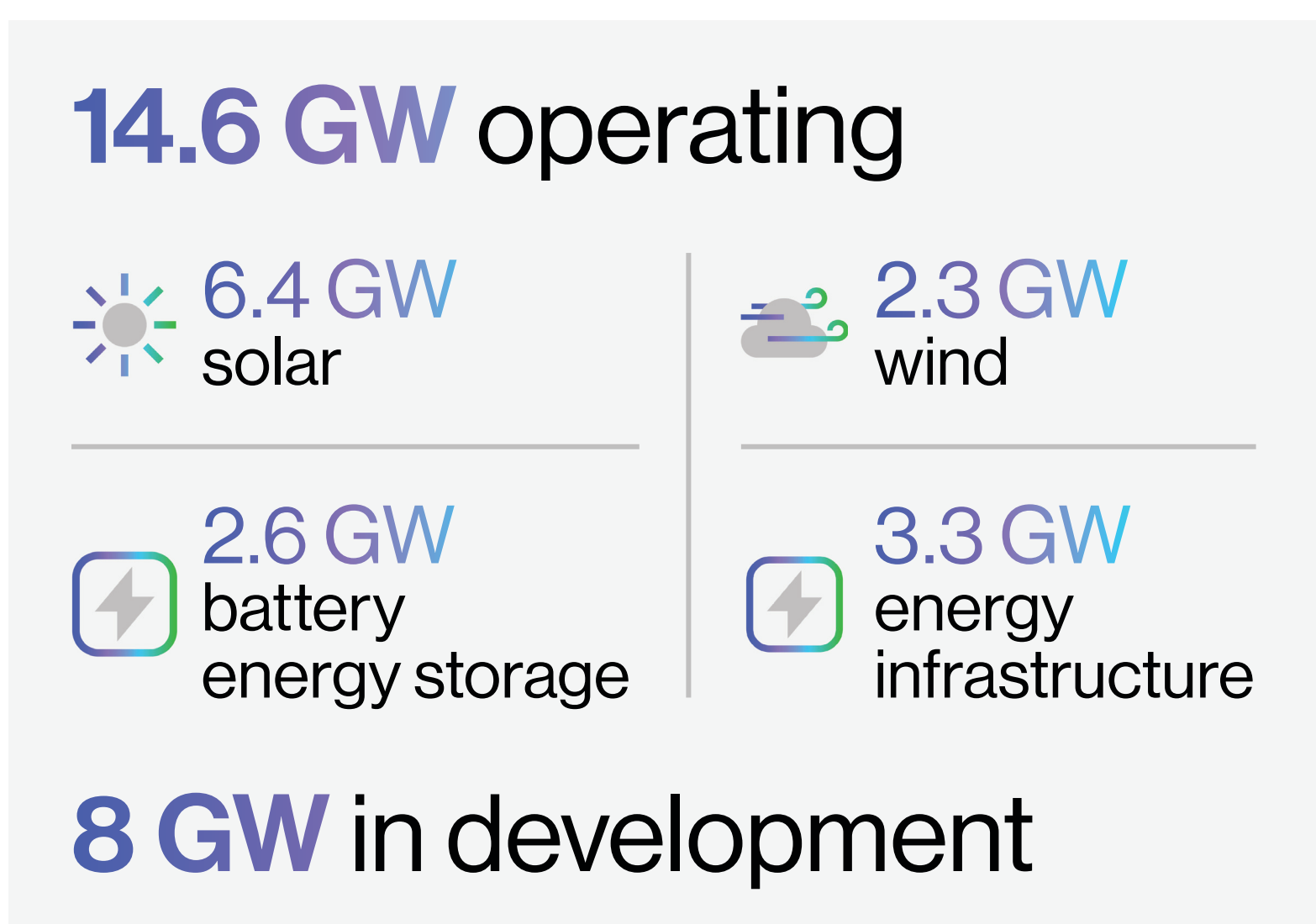
Bloomberg NEW ENERGY FINANCE

We are proud to be recognized by BloombergNEF for the last five years as the top provider of clean energy to corporations globally, reflecting our commitment to co-creating innovative energy solutions with our partners.

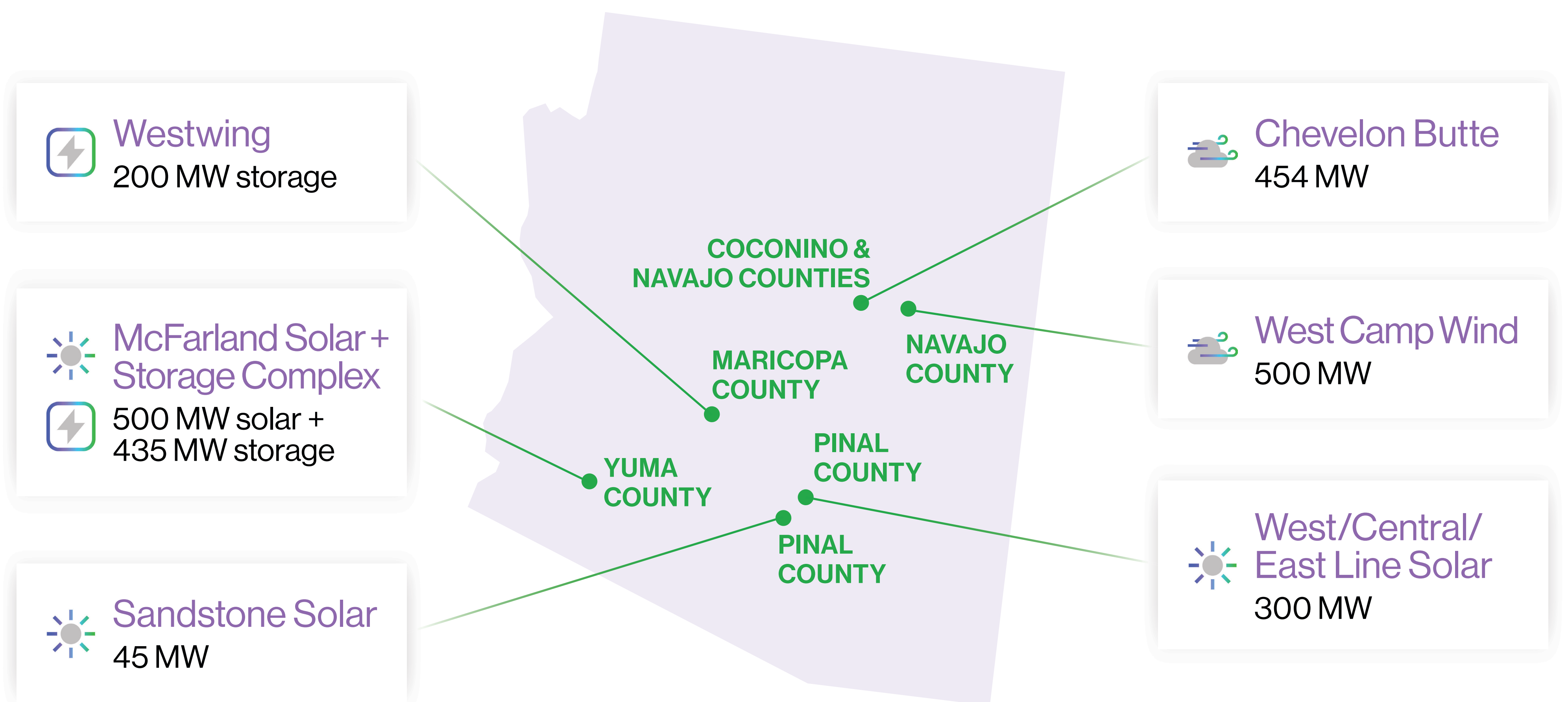
* BNEF Corporate Energy Market Outlook 2020-2025 cumulative period



AES' US BUSINESSES PORTFOLIO



OPERATIONAL ARIZONA PROJECTS



DESERT RAINBOW PROJECT OVERVIEW



The **Desert Rainbow Project** is a proposed utility-scale **solar energy facility with a battery energy storage system** planned on approximately **5,000 acres of vacant land, zoned Preliminary Planned Area Development, in Goodyear, Arizona.**

The site is located **south of Queen Creek Road and east of Waterman Wash, approximately 2 miles south of the Estrella Master Planned Community and 11 miles north of the Mobile community.**

The Project would use **photovoltaic (PV) solar panels** to convert sunlight into electricity. The panels produce **direct current (DC) electricity**, which is then converted for use on the electric grid.

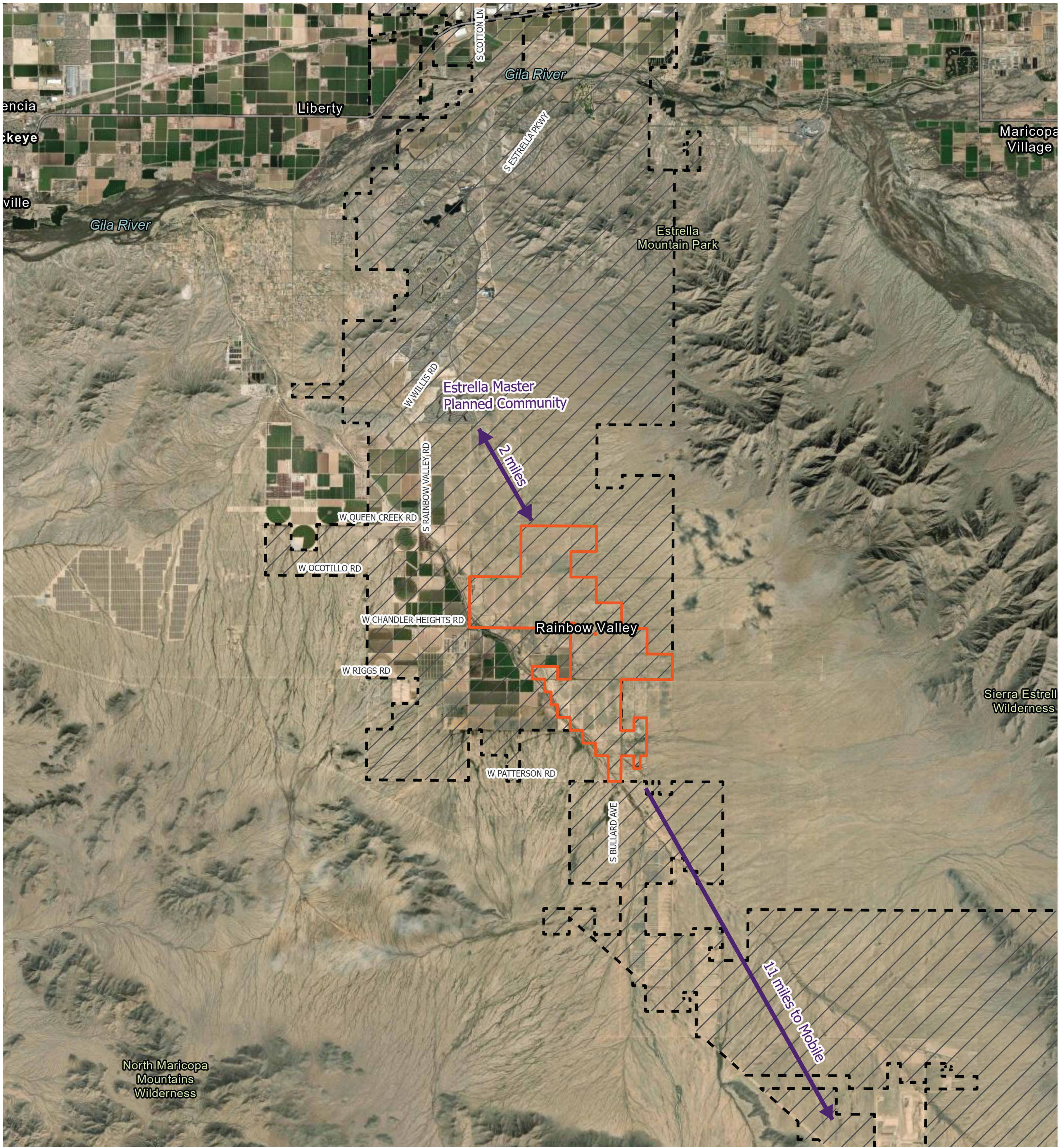
Solar panels are installed in groups called **solar arrays** and mounted on support structures that track the sun throughout the day to maximize energy production. Depending on the configuration, the panels are typically **10 to 15 feet tall.**

The Project is anticipated to generate approximately 550 megawatts (MW) of electricity—enough to power over 165,000 Arizona homes.

The expected life of the Project is approximately 40 years, at which time the Project is planned for decommissioning, facility equipment would be removed, and the land would be restored to substantially the same physical condition that existed prior to development of the Project.



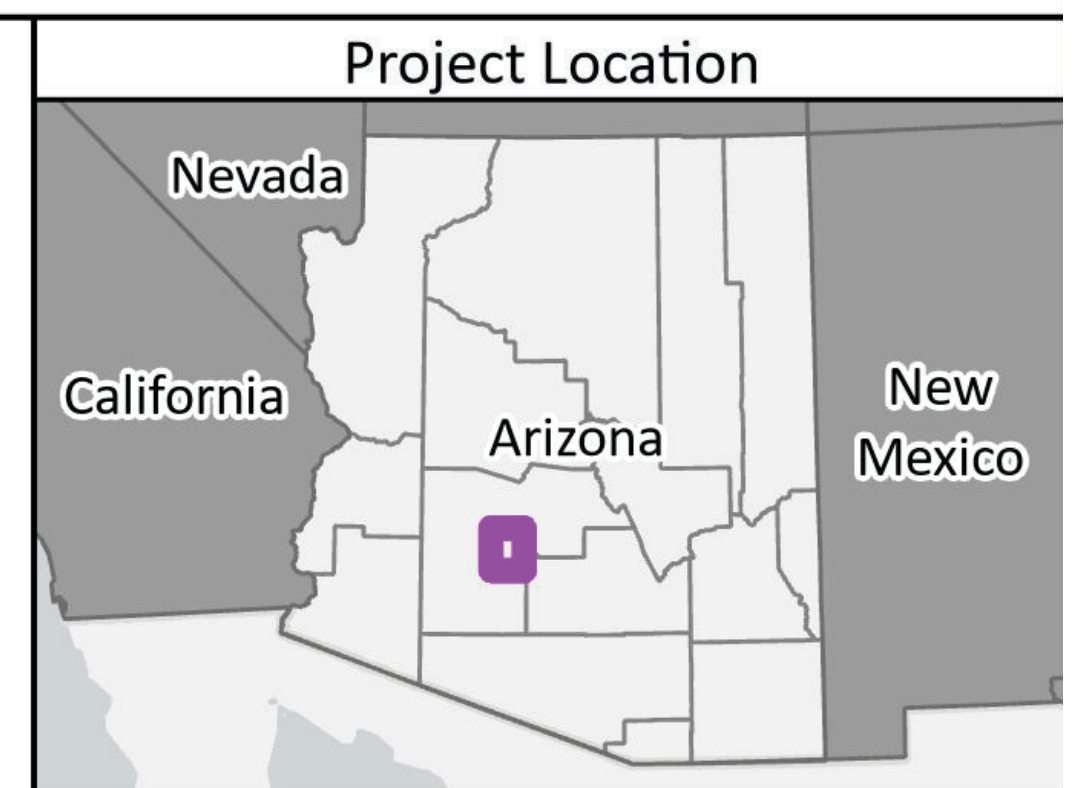
DESERT RAINBOW PROJECT LOCATION



Spatial Reference:
NAD 1983 StatePlane Arizona Central FIPS 0202 Feet

LEGEND

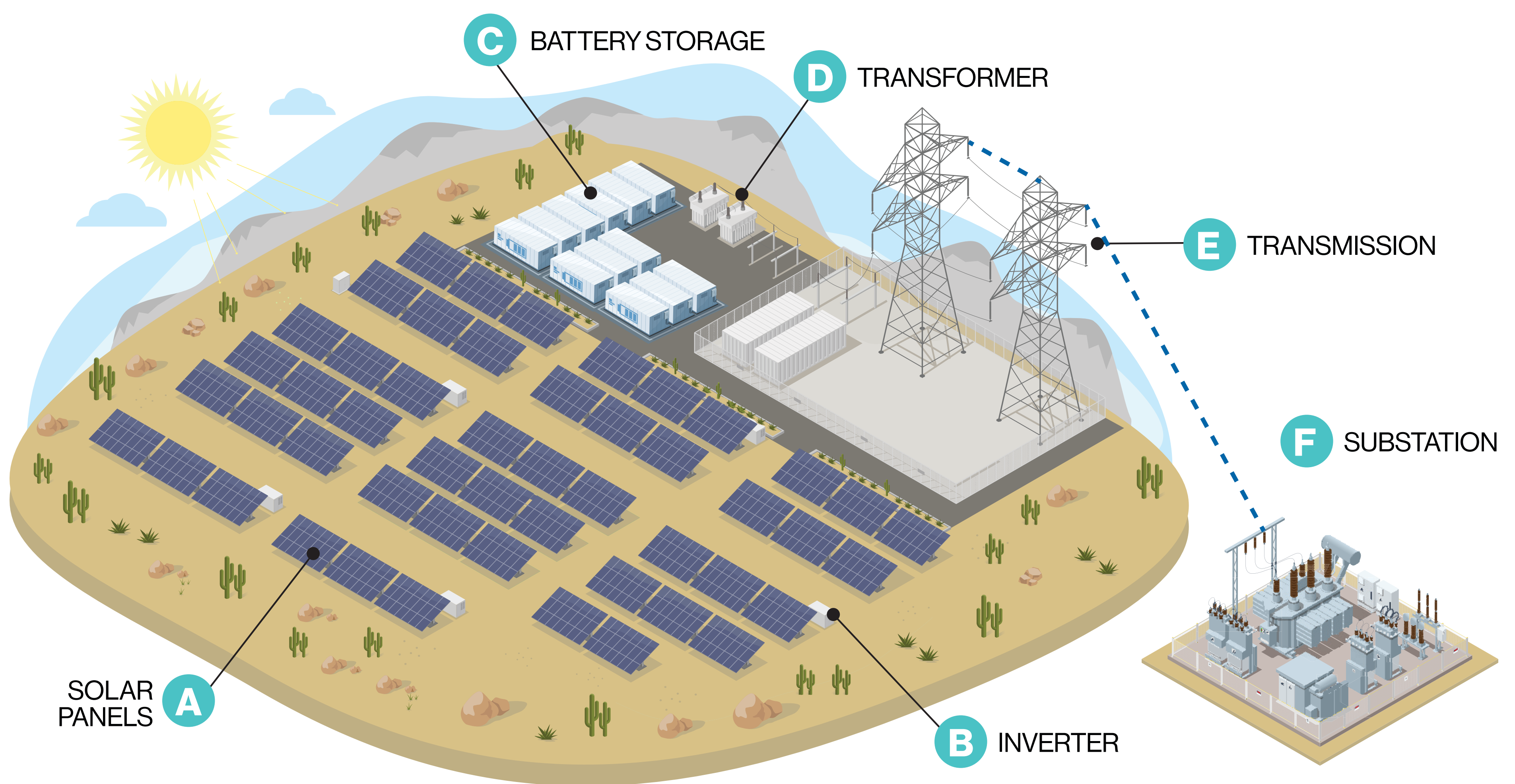
- Desert Rainbow Project Boundary
- Goodyear City Boundary



*Fencing to be installed around Project with a minimum perimeter setback of 30 feet. See Narrative for further details.

NOT FOR CONSTRUCTION

HOW SOLAR + STORAGE WORKS



- A** The sun shines on the solar modules, which are made up of photovoltaic cells. These cells harness the sunlight and turn it into direct current (DC) electricity.
A project's solar panels have a tracking system and follow the path of the sun to maximize solar energy production.
- B** An inverter converts DC electricity into alternating current (AC) electricity.
AC electricity is what standard household appliances use.
- C** As the solar panels generate electricity, there are occasions where more electricity is created than is needed, this is called a "surplus". That surplus energy is stored in the battery units and will dispatch the energy when needed.
Battery Energy Storage Systems help support a reliable energy future by keeping power flowing during high demand and reducing strain on the grid.
- D** The AC electricity is gathered in a large switchgear called a transformer. It "steps up" the power to match the high voltage of the utility grid.
- E** The AC electricity travels through the utility transmission lines to the regional power grid.
- F** The AC electricity reaches the nearby substation where it is converted to a lower voltage. This "step down" is required to adjust the voltage to appropriate levels to power neighborhoods and businesses.

CONCEPTUAL SITE PLAN

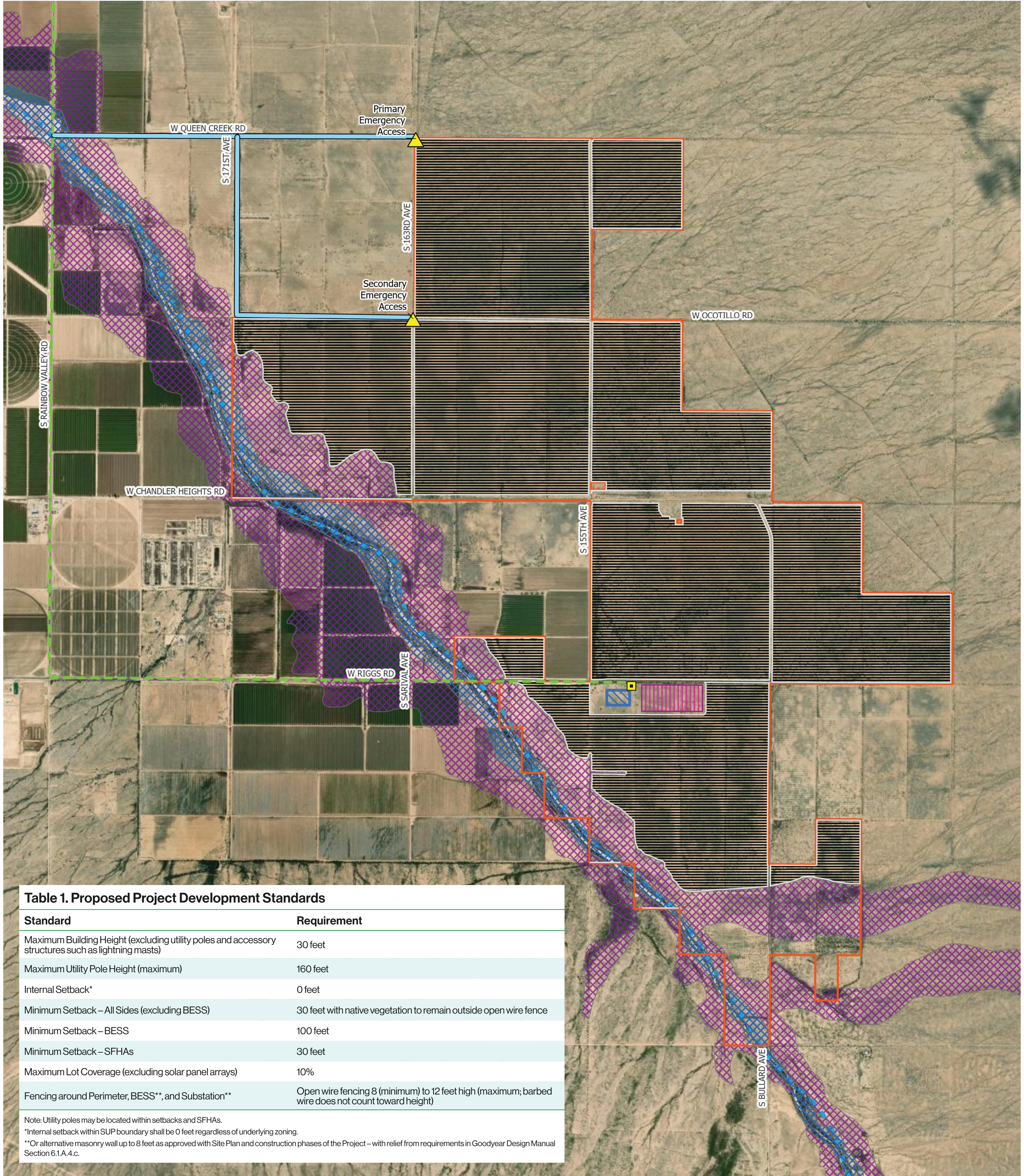


Table 1. Proposed Project Development Standards

Standard	Requirement
Maximum Building Height (excluding utility poles and accessory structures such as lightning masts)	30 feet
Maximum Utility Pole Height (maximum)	160 feet
Internal Setback*	0 feet
Minimum Setback – All Sides (excluding BESS)	30 feet with native vegetation to remain outside open wire fence
Minimum Setback – BESS	100 feet
Minimum Setback – SFHAs	30 feet
Maximum Lot Coverage (excluding solar panel arrays)	10%
Fencing around Perimeter, BESS**, and Substation**	Open wire fencing 8 (minimum) to 12 feet high (maximum; barbed wire does not count toward height)

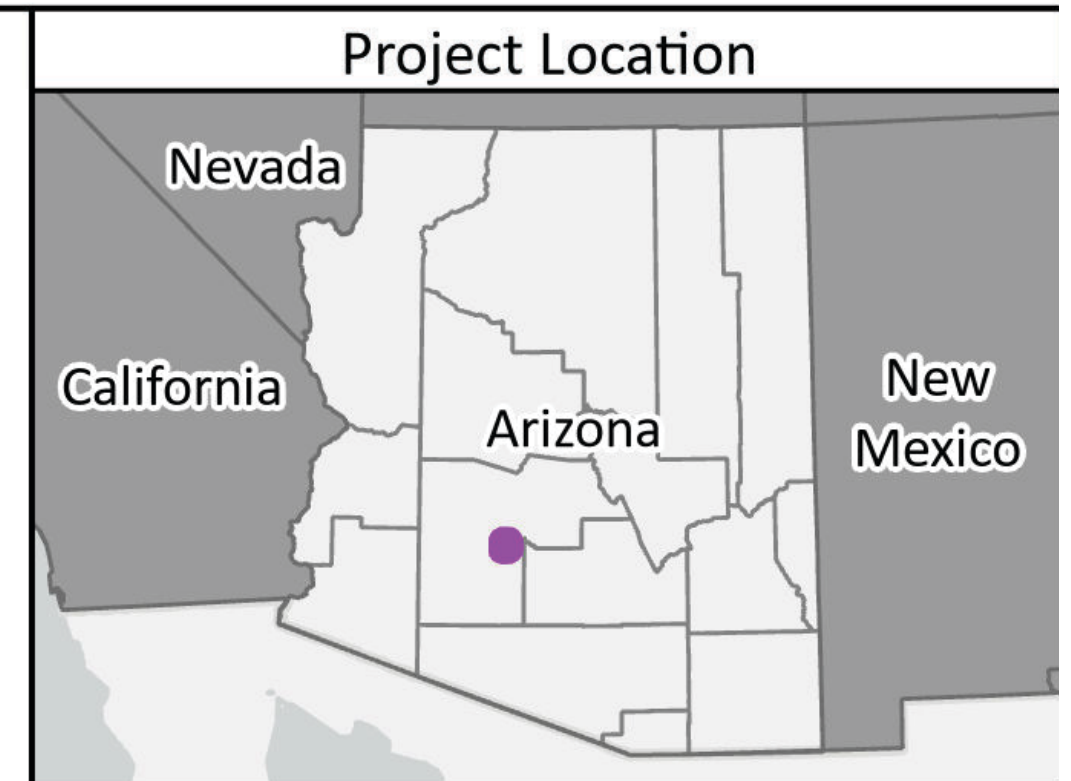
Note: Utility poles may be located within setbacks and SFHAs.
*Internal setback within SUP boundary shall be 0 feet regardless of underlying zoning.
**Or alternative masonry wall up to 8 feet as approved with Site Plan and construction phases of the Project – with relief from requirements in Goodyear Design Manual Section 6.1.A.4.c.



Spatial Reference:
NAD 1983 StatePlane Arizona Central FIPS 0202 Feet

LEGEND

- Proposed Construction Access Point
- Operations Access and O&M Building
- Proposed Construction Access Route
- Proposed Operations Access Route
- Proposed Collector Substation
- Proposed BESS Container Area
- Proposed PV Module Buildable Area*
- Property (~5,000 acres)
- Waterman Wash
- 100-year Floodplain



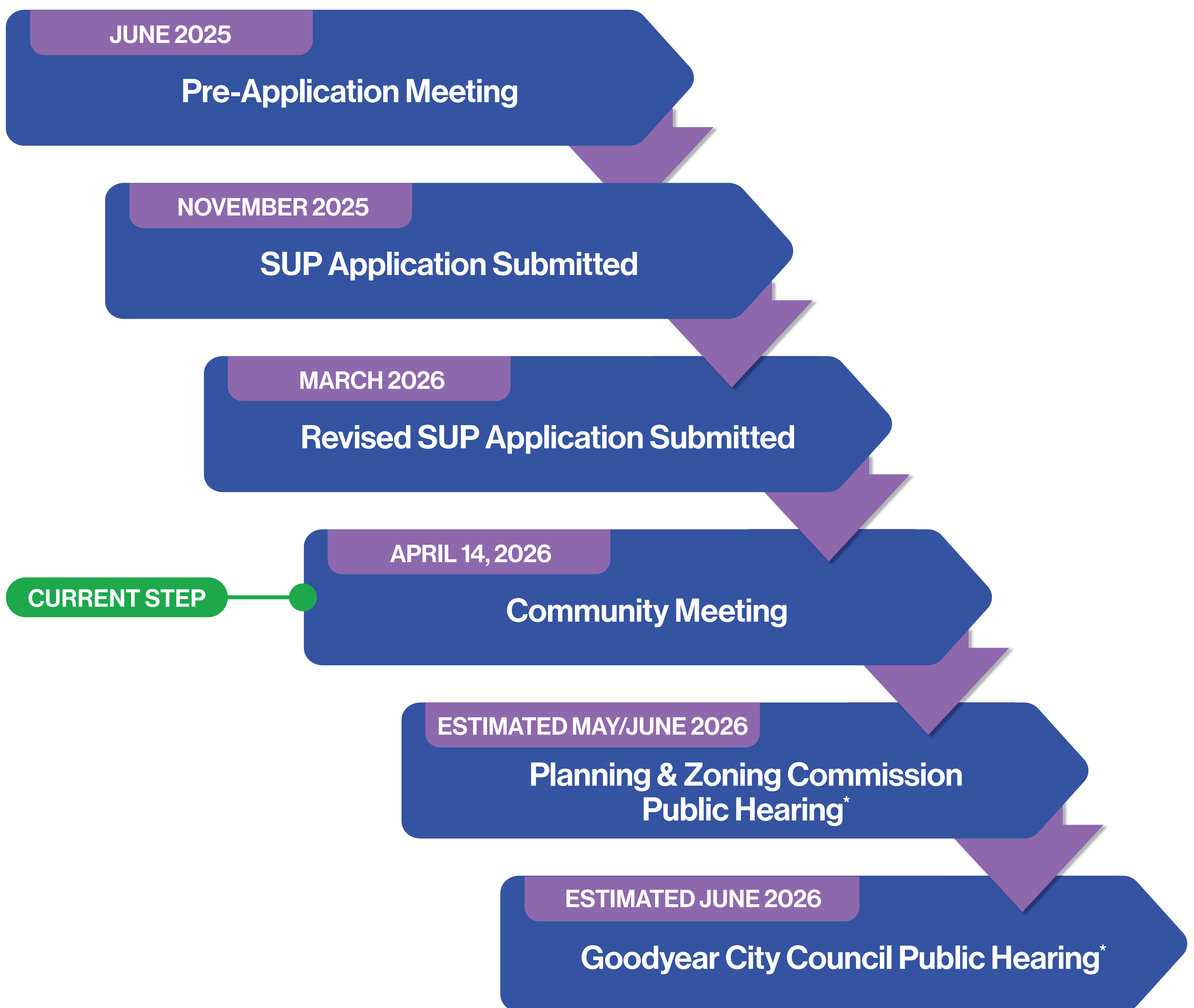
*Fencing to be installed around Project with a minimum perimeter setback of 30 feet. See SUP Narrative for further details.

Sources: Vantor, County of Yavapai, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS

NOT FOR CONSTRUCTION

SUP APPROVAL PROCESS & PROJECT TIMELINE

The Desert Rainbow Project is currently going through the City of Goodyear's **Special Use Permit (SUP) review process**.



*No public hearings have been scheduled at this time.

NEXT STEPS

Following approval by the Goodyear City Council, **construction is anticipated to begin in 2029, with commercial operation expected in late 2032.**



BENEFITS FOR THE CITY OF GOODYEAR



The Desert Rainbow Project would provide several benefits to the City of Goodyear and the surrounding region.

- **ENERGY SUPPLY:** The Project is expected to generate up to **550 megawatts of electricity**, enough to power more than **165,000 Arizona homes**.
- **PRODUCTIVE LAND USE:** The Project would activate currently vacant land to support energy production for central Arizona.
- **ECONOMIC BENEFITS:** Development of the Project would generate an approximately \$200 million in tax revenue for the City of Goodyear, Maricopa County, Arizona, and local school districts over the life of the Project.
- **LOCAL JOBS:** The Project would create 360+ construction jobs and an estimated 20 long-term positions once the facility is operational.

This Project would help support regional energy needs while providing economic benefits to the local community.





LEARN **MORE** OR SHARE FEEDBACK

We welcome your questions and comments about the Desert Rainbow Project.

LEARN MORE

Visit the project website: aes.com/desertrainbow

EMAIL THE PROJECT TEAM

Send questions or comments to: desert.rainbow@aes.com

CALL FOR MORE INFORMATION

Caleb Weeks with BFSO Law: **(602) 888-7871**

