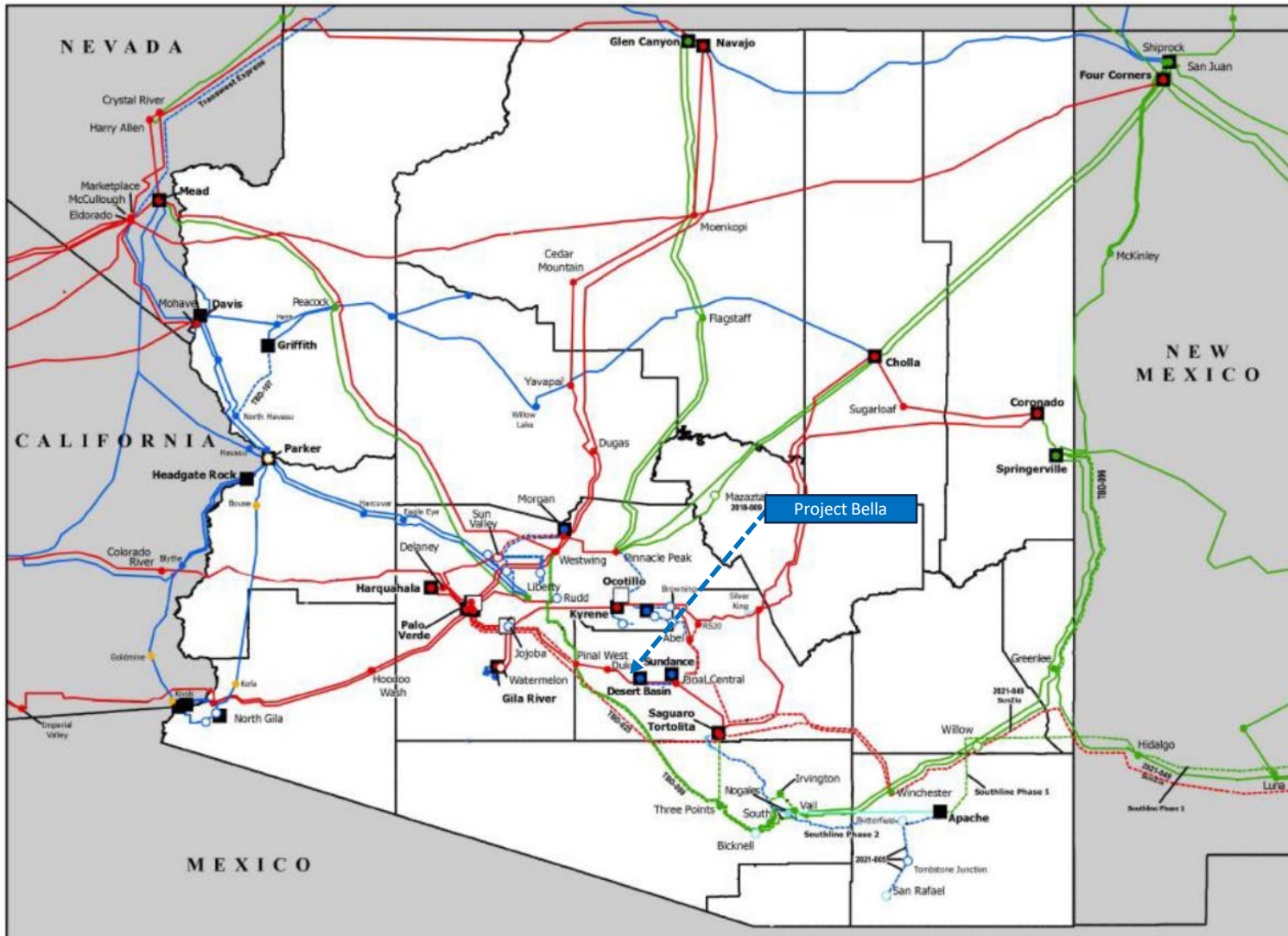


Existing and Planned Transmission System



Substations

Existing		Planned or Existing with Planned Upgrades or Loop-ins	
● 500 kV	○ 500 kV	○ 500 kV	○ 500 kV
● 345 kV	○ 345 kV	○ 345 kV	○ 345 kV
● 230 kV	○ 230 kV	○ 230 kV	○ 230 kV
● 161 kV	○ 161 kV	○ 161 kV	○ 161 kV
● 138 kV	○ 138 kV	○ 138 kV	○ 138 kV
● 115kV	○ 115kV	○ 115kV	○ 115kV

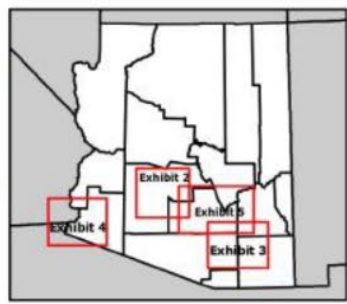
Transmission

Existing		Planned or Existing with Planned Upgrades	
— 500kV AC	— 500kV AC	— 500kV AC	— 500kV AC
— 345kV AC	— 345kV AC	— 345kV AC	— 345kV AC
— 230kV AC	— 230kV AC	— 230kV AC	— 230kV AC
— 161kV AC	— 161kV AC	— 161kV AC	— 161kV AC
— 138kV AC	— 138kV AC	— 138kV AC	— 138kV AC
— 115kV AC	— 115kV AC	— 115kV AC	— 115kV AC

Power Plants

Existing		Planned or Existing with Planned Upgrades	
■ Existing	□ Planned or Existing with Planned Upgrades	■ Existing	□ Planned or Existing with Planned Upgrades

Project Lookup ID Format [In Service Year - Table ID]
 2021-013 - In service in 2021, STA O.013 in Exhibit 8



Notes

- Only pertinent transmission voltage levels shown
- Project identification refers to details on Project Lookup table
- Routes locations of transmission lines are conceptual only

ACC Docket E-00000-15-0001
 10th Biennial Transmission Assessment

DISCLAIMER
 Map not to scale. ESTA International does not warrant the accuracy or location of the facilities shown

Source: Arizona Corporation Commission Tenth Biennial Transmission Assessment 2018 – 2027, Docket No. E-00000-17-0001, Dec 31, 2018, Exhibit 1