

# DESERT BASIN 230 kV POWER LINE

## Fact Sheet

### Project Description

The Desert Basin 230kV Power Line Project consists of a new 230kV transmission line that will provide a more reliable path between the SRP-owned Desert Basin Generating Station and the certificated Pinal South substation which will serve customer load in Pinal and Maricopa Counties.

### Project Benefits

#### **IMPROVE RELIABILITY**

The Project will improve reliability of the Desert Basin Generating Station by allowing it to operate at full output without limitations.

The Project will increase the overall reliability of the local system by adding more wire, which translates into more transmission paths over which power can flow.

#### **INCREASE CAPACITY**

The Project will increase local transmission by freeing up existing capacity currently obligated to exporting power from Desert Basin. This is an economically positive solution for Desert Basin. Freeing up existing capacity will also allow local utilities to better serve the greater Casa Grande area.

#### **IMPORTANT COMPONENT OF CENTRAL ARIZONA TRANSMISSION STUDY – HIGH VOLTAGE (CATS-HV)**

The CATS-HV Study identifies future electrical needs of Casa Grande and the surrounding areas. The 230 kV Project is an important component of the CATS-HV Study.

### Project Route and Public Process

Route alternatives for the transmission line are selected with input through a public process which will include workshops and open houses in Casa Grande. The project team is conducting a very comprehensive public process. Meetings include:

- April – May 2006: Stakeholder briefings
- June 2006: Phase I Planning workshop / Public Open House
- July 2006: Stakeholder briefings
- July 2006: Phase II Planning workshop / Public Open House
- December 2006 – January 2007: Stakeholder briefings
- December 2006: Phase III Planning workshop
- January 2007: Phase III Public Open Houses

Notices of the Open Houses are sent via mail, advertised in local newspapers and posters displayed throughout the community.



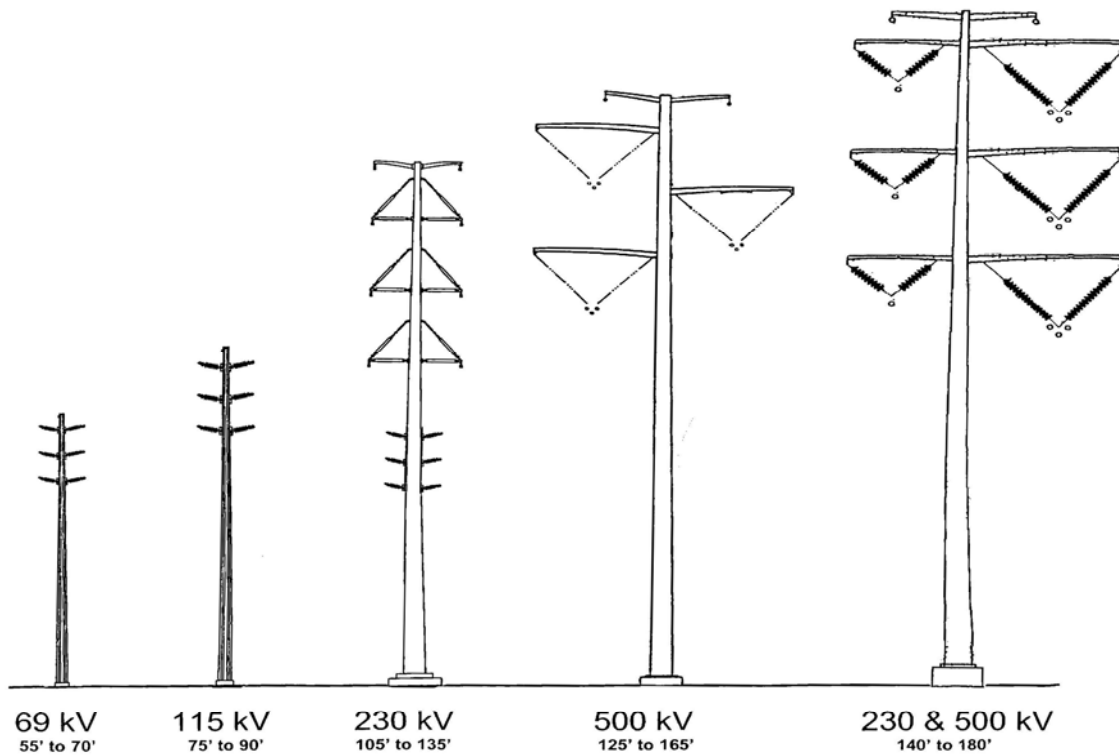
## Facility Description

### Typical 230kV Characteristics

ROW Width: 120 feet

Structure Height: 95 – 135 feet

Corridor Width: 1000 feet



Typical Appearance and Height of Transmission Poles

