

Date:

June 7, 2011

Applicant:Southern California Edison
Contact: Hazem Gabr, (626) 462-8715**Applicant's Representative:**Southern California Edison
Contact: Shirin Tolle, (626) 462-8735**Project Name:**Southern California Edison – Devers-Mirage 115 kV Subtransmission System Split Project
WDID No. 7A333118001**Receiving Water:**

The Whitewater River, Mission Creek, and approximately 12 unnamed drainages

Location:

The proposed project is located in and adjacent to the cities of Palm Springs, Cathedral City, Thousand Palms, and Palm Desert, in the Coachella Valley, in west-central Riverside County. Project Site Latitude and Longitude are:

| | |
|--|---|
| Farrell-Garnet 115 kV Subtransmission Line | Beginning 33.9029315, -116.5453544 Mid- point 33.8885470, -116.5105735 End 33.8885470, -116.5105735 |
| Varner Road Subtransmission Line | Midpoint: 33.8594720, -116.4559704 |
| Subtransmission Line Reconfiguration (West) | Midpoint: 33.8017584, -116.4059509 |
| Devers-Coachella Valley 220 kV Transmission Line Loop-In | Midpoint: 33.7725203, -116.4060125 |
| Mirage-Santa Rosa 115 kV Subtransmission Line | Midpoint: 33.7725203, -116.4060125 |
| Subtransmission Line Reconfiguration (East) | Midpoint: 33.7872440, -116.3881535 |

Table 2: Project Location on USGS 7.5 Minute Quadrangles

| USGS 7.5 Minute Quadrangle | Township | Range | Section |
|--|----------|--------|----------------|
| <i>Farrell-Garnet 115 kV Subtransmission Line</i> | | | |
| Palm Springs | 3 South | 4 East | 14, 23, 24, 25 |
| | 3 South | 5 East | 30, 31 |
| | 4 South | 5 East | 6 |
| <i>Varner Road Subtransmission Line</i> | | | |
| Cathedral City | 3 South | 5 East | 34 |
| <i>Subtransmission Line Reconfiguration (West)</i> | | | |

| | | | |
|---|---------|--------|--------|
| Cathedral City | 4 South | 5 East | 24 |
| | 4 South | 6 East | 30 |
| <i>Devers-Coachella Valley 220 kV Transmission Line Loop-In</i> | | | |
| Myoma | 4 South | 6 East | 16 |
| <i>Mirage-Santa Rosa 115 kV Subtransmission Line</i> | | | |
| Myoma | 4 South | 6 East | 21, 28 |
| <i>Subtransmission Line Reconfiguration (East)</i> | | | |
| Myoma | 4 South | 6 East | 29, 33 |

Project Description:

The purpose of the proposed project is to relieve existing thermal overload conditions on two 115 kV subtransmission lines and to resolve a forecasted voltage problem on the 220 kV transmission system that was projected to occur as early as 2009. The proposed project is necessary to maintain electric system reliability, enhance operational flexibility, and serve the project electrical demand in the cities of Palm Springs, Rancho Mirage, Cathedral City, Palm Desert, Indian Wells, and unincorporated areas of Riverside County, including the Thousand Palms community. The primary components of the proposed project are:

- Installation of two new 115 kV subtransmission line segments (Farrell-Garnet 115 kV Subtransmission Line and the Mirage-Santa Rosa 115 kV Subtransmission Line).
- A loop-in of the existing Devers-Coachella 220 kV transmission line into Mirage Substation.
- Reconfiguration of three subtransmission line connections.
- Construction of other modifications in the Concho, Devers, Eisenhower, Farrell, Garnet, Indian Wells, Mirage, Santa Rosa, Thornhill, and Tamarisk substations, within the cities of Palm Springs, Cathedral City, Rancho Mirage, Palm Desert, Indian Wells, and unincorporated areas of Riverside County, including the Thousand Palms community.

Action:

Pending

Water Board Contact:

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