Underground Conversion Program
FY 2019/20 Five-Year Plan
Established in 1990

Funded by 4% Electric Surcharge

133 of 240 circuit miles completed to date
Reliability Benefits

Reduce outages due to weather, metallic balloons & car hit poles

Equipment Upgrades

System Automation helps restore power quicker
Graffiti Mitigation

Before

After
Graffiti Mitigation

Before

After
Street Lighting Improvements
Orangewood Before
Project Selection Process

- Engineering/Reliability
- Project Coordination
- Aesthetic Improvements
- Geographic Diversity
- Available Funding
Active & Planned Investment in Current Five-Year Undergrounding Plan
PROPOSED PROJECT
Eucalyptus

Legend:

- Tier 1 Low
- Tier 2 Elevated
- Tier 3 Extreme
Eucalyptus

- Eucalyptus: 2,000 ft South from Santa Ana Canyon Road
- Cost: $2.6 M
- 0.35 Miles
- Phone & Cable TV
- Overhead in High Fire Threat area
PROJECT UPDATES
District 1

- Dale
- Magnolia
- Lincoln
- Ball
- La Palma
- Crescent
- Knott
- Dale
- Magnolia
- Beach

Electric complete.
Phone, cable TV in progress

Active
DISTRICT 2

Active

Planned
DISTRIBUT 4

- Electric complete.
- Phone, cable TV in progress
- Active
- Planned
Orangewood
Electric complete. Phone, cable TV in progress

Active

Planned
Crossing under 57 freeway
Lincoln/Rio Vista Before
Lincoln/Rio Vista
Before
Lincoln/Rio Vista
After
DISTRICT 6

- **Completed**
- **Active**
- **Planned**

Santa Ana

Map: Imperial, Lakeview, Imperial, Santa Ana Canyon, La Palma, Eucalyptus.
Customer Engagement

- District Formation Notice
- Easements & Property Access
- Construction Notice
- Roadway Signage/Flyers
- 48-Hour Outage Notice
- Street Paving Notice
- Customer Feedback Surveys

Diagram:

- Idea
- Response
- Opinion
- Survey
- Advice
- Result
- Rating
- Comment
Five Year Plan

- UG Subcommittee: New project identification; plan recommendation (May)
- Public Utilities Board: Plan review and recommendation (June)
- City Council: Plan adoption (July)
Questions?