



A  Sempra Energy utility®

TL 6975 San Marcos – Escondido Project



**County of San
Diego**

April 15, 2019

TL 6975 San Marcos – Escondido Project



A Sempra Energy utility®

Background



- SDG&E has proposed a new 69 kilovolt (kV) power line between the existing San Marcos and Escondido substations to increase electric system reliability by decreasing congestion on the existing power lines
- The need for this project was reviewed and approved by the California Independent System Operator (CAISO)
- Given the growth of the San Marcos and Escondido areas and surrounding communities, the load pocket in this area has created an increased demand that continues to strain the existing infrastructure

San Diego's Energy Landscape | Yesterday

San Onofre Nuclear Generation Station



Electric Transmission Path

Encina Power Station



Conventional Sources



Legacy Natural Gas



Legacy Natural Gas Peaker



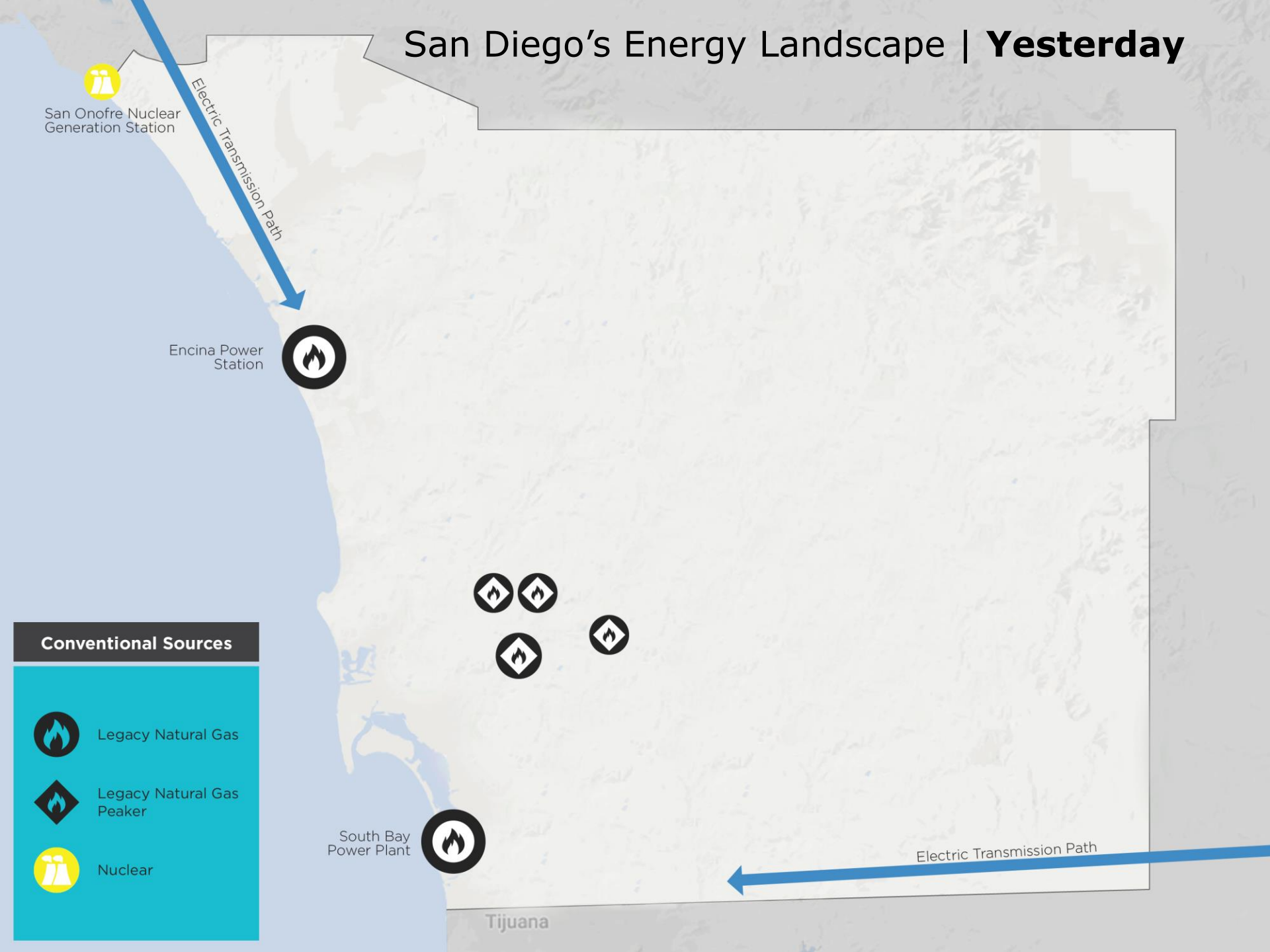
Nuclear

South Bay Power Plant



Tijuana

Electric Transmission Path

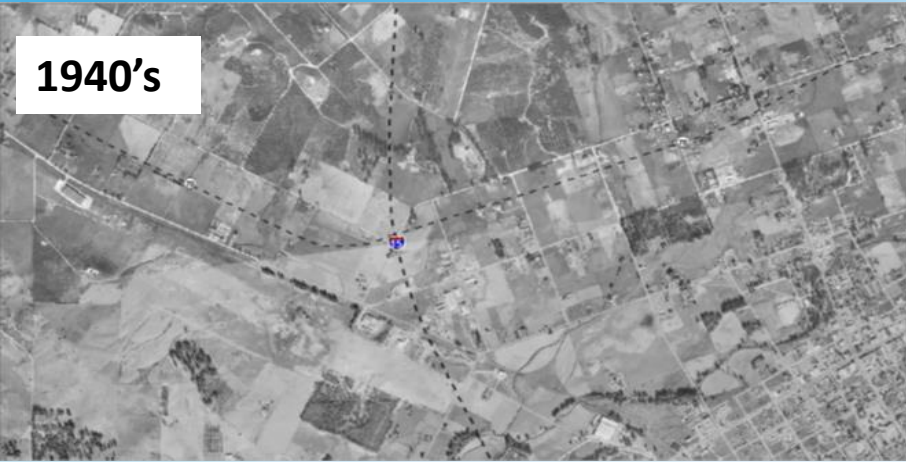


Escondido: I-15 and SR-78



A Sempra Energy utility®

1940's



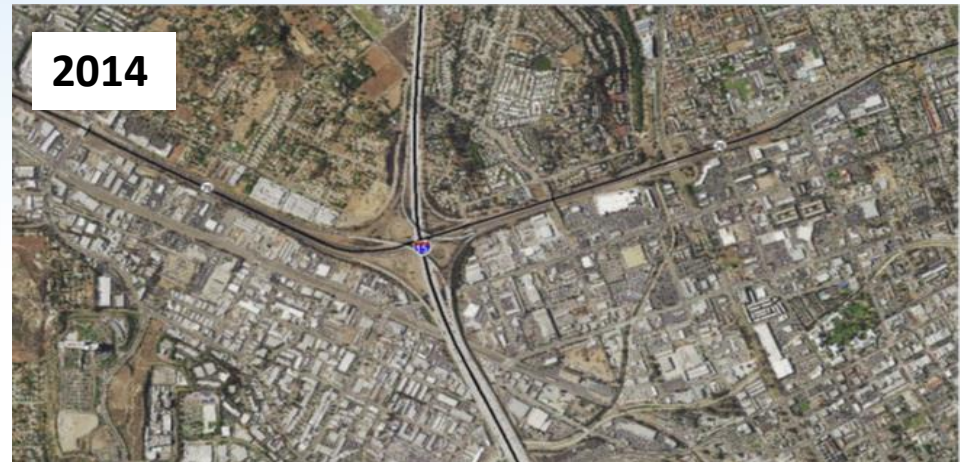
1960's



1990's



2014



Reliable: San Diego is Growing and Our Energy Needs Are Evolving



A Sempra Energy utility®

POPULATION SIZE

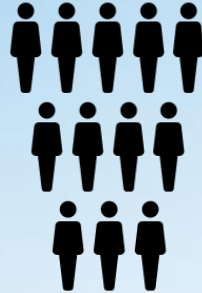
289,348



1,033,011



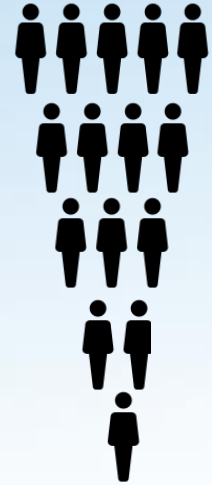
2,489,016



3,317,749



4,384,867



1940s

1960s

1990s

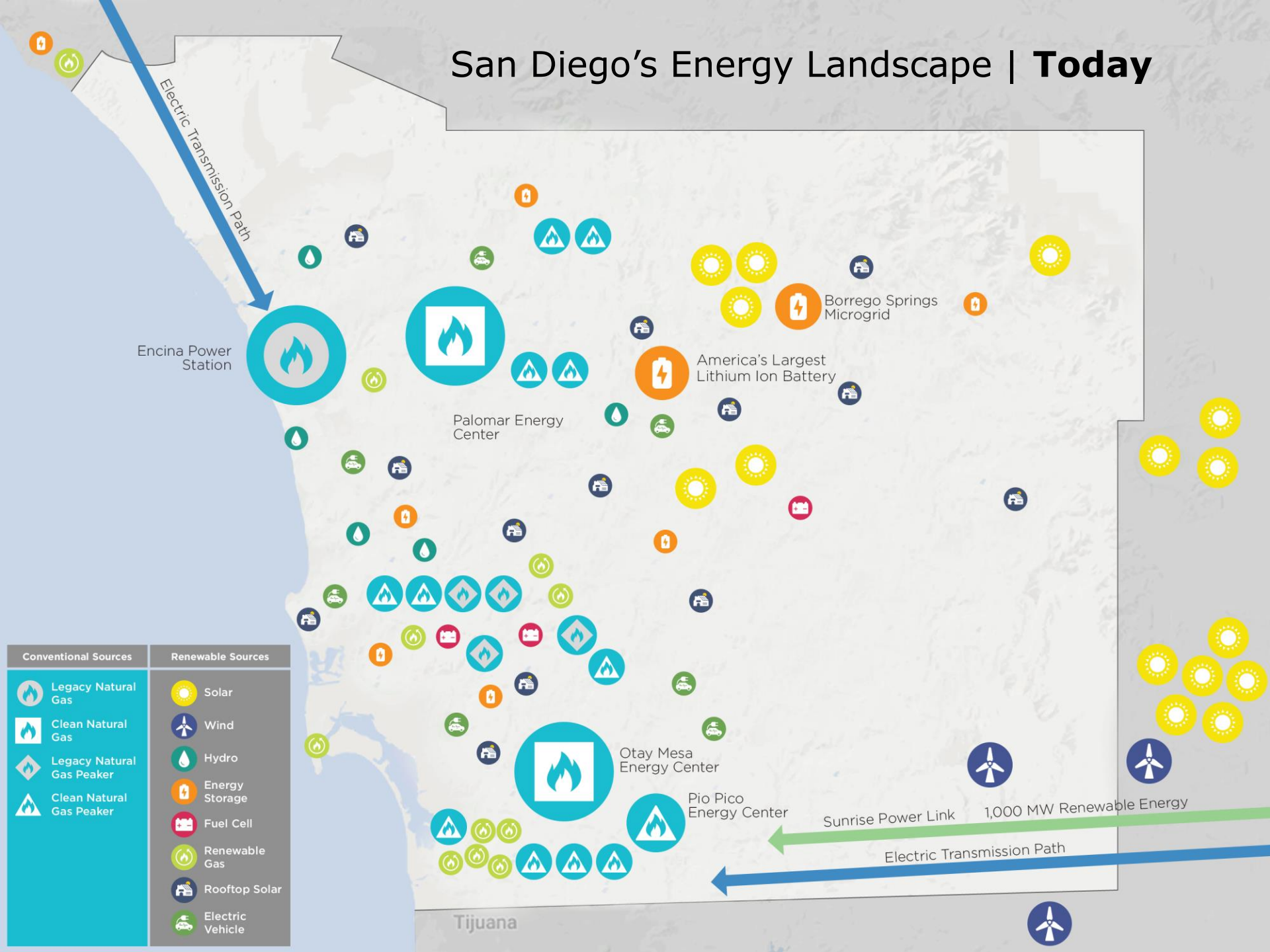
2016

2050

ENERGY USAGE



San Diego's Energy Landscape | Today



Conventional Sources	Renewable Sources
Legacy Natural Gas	Solar
Clean Natural Gas	Wind
Legacy Natural Gas Peaker	Hydro
Clean Natural Gas Peaker	Energy Storage
	Fuel Cell
	Renewable Gas
	Rooftop Solar
	Electric Vehicle

Tijuana

TL 6975 San Marcos – Escondido Project

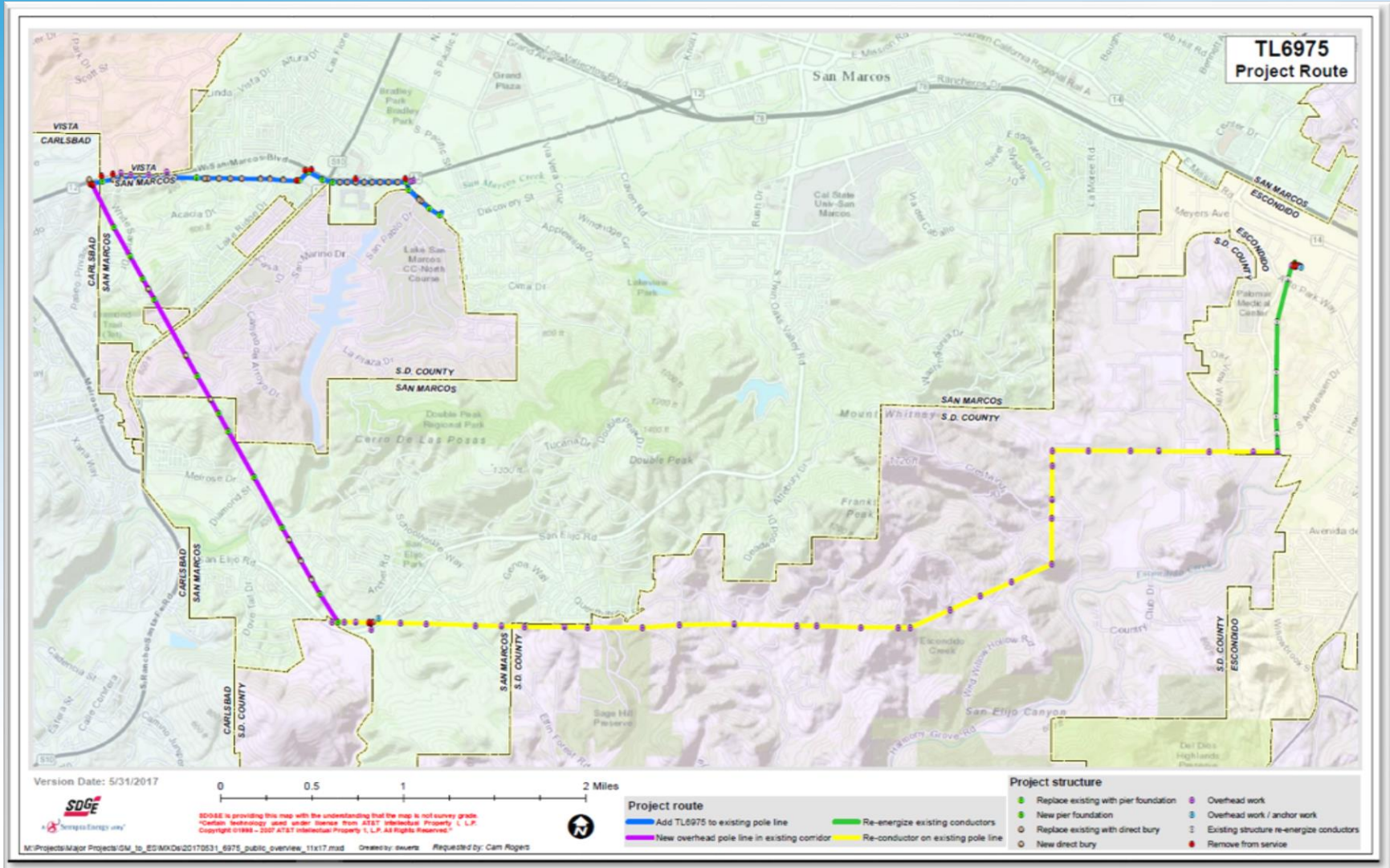


- Electrical load planning studies show that the system has vulnerabilities under contingency conditions that do not meet the required standards set forth by the North American Reliability Corporation (NERC)
- The newly proposed 69 kV power line between the existing San Marcos and Escondido substations will eliminate these vulnerabilities, and replace aging infrastructure with state of the art equipment and fire resistant steel poles
- The Escondido portion of this project does not require any new structures
- The project calls for the re-energization of an existing line and the replacement of new wires on existing structures within SDG&E's existing Right-of-Way

TL 6975 San Marcos – Escondido Project



A Sempra Energy utility®



TL 6975 San Marcos – Escondido Project



Anticipated Project Schedule:

- Project Permit to Construct (PTC) application filed with the California Public Utilities Commission (CPUC) in November, 2017
 - On April 1st the CPUC issued a draft environmental document (Initial Study/Mitigated Negative Declaration) for the project, which is currently in circulation for public review and comment. The issuance of the Draft CEQA document is anticipated in the second quarter of 2019
 - SDG&E anticipates, based on the current project schedule, that the CPUC will issue a Notice to Proceed (NTP) for the project in the first or second quarter of 2020
 - One year construction schedule anticipated from Q1 or 2 of 2020 – Q1 or 2 of 2021
 - Helicopters will be utilized for construction and support activities
 - It is important to note that construction activities often occur intermittently and are often not completed concurrently

TL 6975 San Marcos – Escondido Project



Opportunity for Public input:

- During the 45-day public comment period on the Draft CEQA document, the CPUC will accept public comments regarding the project
- The CPUC will host a local public open house public presentation on the project during the comment period
 - Tuesday April 30th, 1-3 p.m. at the San Elijo Recreation Center
 - Tuesday April 30th, 6-8 p.m. at the San Marcos Community Center

Questions?

Claudia Valenzuela
cvalenzuela@semprautilities.com

Rob Fletcher
rfletcher@semprautilities.com

TL 6975 Project Information Line
1-844-765-6388