

Modernized Operations Alternative - Example Projects

Warehouses, Offices, Laboratories, Security Facilities

Proposed Construction of:

- Warehouses (34) - 261,400 square feet total.
- Offices (33) - 527,900 square feet total.
- Laboratories (27) - 1,229,000 square feet total.
- Security Facilities (8) - 111,400 square feet total.

LA Canyon Bridge Replacement

- Original "Omega" bridge was built in 1951.
- Proposed replacement would have capacity for 20,000 vehicles daily.

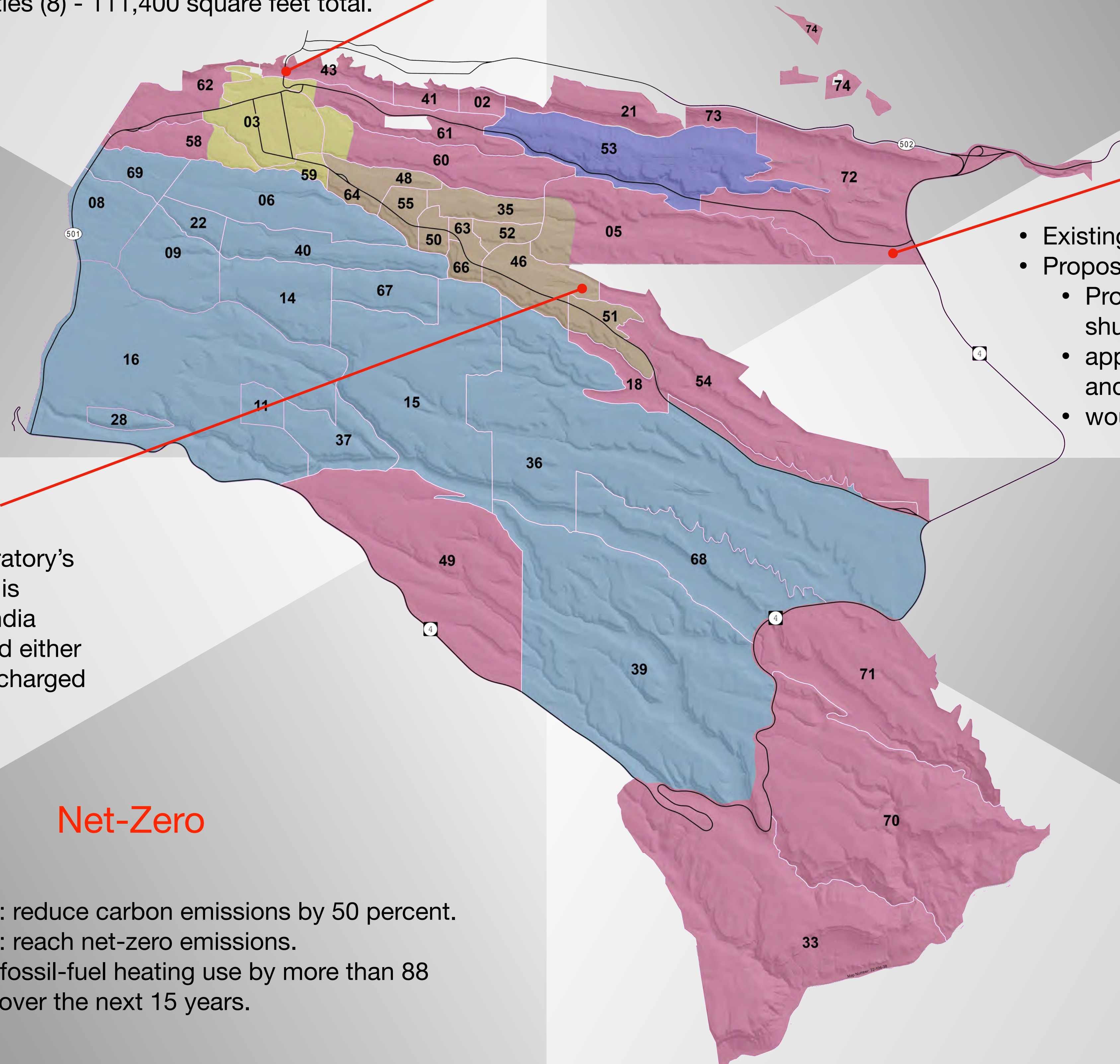
Solar PV Arrays

Project Stats (up-to):

- 9 arrays
- 795 acres
- 158.8 megawatts generating capacity.

TA-72 Parking Area & Transit Hub

- Existing TA-3 Transit Area is currently at capacity.
- Proposed TA-72 Parking Area and Transit Hub would:
 - Provide service for passenger cars, park-and-ride shuttle buses, and public and LANL transit buses;
 - approximately 25 acres with 15-20 bus hub terminals and parking for 2,000 passenger cars; and
 - would avoid sensitive tribal areas.



Net-Zero

Goals:

- By 2030: reduce carbon emissions by 50 percent.
- By 2050: reach net-zero emissions.
- Reduce fossil-fuel heating use by more than 88 percent over the next 15 years.

EV Charging Stations

Goals:

- Install 500 to 1,000 EV charging stations.
- Construct charging hub for buses at TA-3 and a hydrogen fueling station.