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## Acronyms and Abbreviations

°F	degrees Fahrenheit
AB	Assembly Bill
ADI	area of direct impact
AII	area of indirect impact
API	area of potential impact
APM	applicant-proposed measure
applicant	TDS Telecom; <i>also</i> TDS
AQAP	Air Quality Attainment Plan
ASTM	American Society for Testing and Materials
BLM	Bureau of Land Management
BMP	best management practice
ca.	circa
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAL FIRE	California Department of Forestry and Fire Protection
CalEEMod	
Cal-IPC	California Invasive Plan Council
CalOSHA	California Occupational Health and Safety Administration
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAP	Shasta Regional Climate Action Plan
CARB	California Air Resources Board
CASF	California Advance Services Fund
CBC	California Building Code
CCCSO	Clear Creek Community Services District
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CGS	California Geological Survey
CH <sub>4</sub>	methane
CHRIS	California Historical Resources Information System
CIWMB	California Integrated Waste Management Board
CNDDB	California Natural Diversity Data Base
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	carbon dioxide equivalent
CPUC	California Public Utilities Commission

CR A16	County Route A16
CRHR	California Register of Historic Resources
CSD	Community Services District
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
dB	decibel
dBA	A-weighted decibels
DigAlert	Underground Service Alert of Northern California
DLC	Digital Loop Carrier
DPR	California Department of Parks and Recreation
DTSC	California Department of Toxic Substance Control
DWR	California Department of Water Resources
EDR	Environmental Data Resources, Inc.
EIR	Environmental Impact Report
EISA	Energy Independence and Security Act of 2007
EO	Executive Order
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
FAA	Federal Aviation Administration
FACW	facultative wetland
FERC	Federal Energy Regulatory Commission
FHWA	Federal Highway Administration
FMMP	Farmland Mapping and Monitoring Program
FRA	Federal Responsibility Area
FTA	Federal Transit Administration
GHG	greenhouse gas
gpm	gallons per minute
H <sub>2</sub> S	hydrogen sulfide
Happy Valley	Happy Valley Telecom
HAZWOPER	Hazardous Waste Operations and Emergency Response Standard
HCD	State Department of Housing Community Development
HDPE	high density polyethylene
HFC	hydrofluorocarbons
HSC	California Health and Safety Code
I-5	Interstate 5
IS	Initial Study
km	kilometer
kW/m <sup>2</sup>	kilowatts per square meter
L <sub>dn</sub>	day–night average sound level; <i>also</i> DNL
L <sub>eq</sub>	equivalent sound pressure level
LOS	level of service
m	meters
m <sup>3</sup>	cubic meters
Mbps	megabits per second
MBTA	Migratory Bird Treaty Act
mm	millimeters

MMRP	Mitigation, Monitoring, and Reporting Program
MND	Mitigated Negative Declaration
MRZ	Mineral Resource Zone
MSDS	material safety data sheet
MTCO <sub>2e</sub>	metric tons of carbon dioxide equivalents
MY	model year
N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NEIC	Northeast Information Center
NHD	National Hydrography Dataset
NHTSA	National Highway Traffic and Safety Administration
NO <sub>2</sub>	nitrogen dioxide
NPDES	National Pollutant Discharge Elimination System
O <sub>3</sub>	ozone
OBL	obligate wetland
Olinda Project	Olinda Last Mile Underserved Broadband Project; <i>also</i> , proposed project
OSHA	Occupational Safety and Health Administration
Pb	lead
PEA	Proponent’s Environmental Assessment
PFC	perfluorocarbon
PG&E	Pacific Gas and Electric Company
PM	Project Manager
PM <sub>10</sub>	particulate matter less than 10 microns
PM <sub>2.5</sub>	fine particulate matter less than 2.5 microns
PPV	perturbation project vector
PRC	Public Resources Code
proposed project	Olinda Last Mile Underserved Broadband Project; <i>also</i> , Olinda Project
RCRA	Resource Conservation and Recovery Act
RFS	Renewable Fuel Standard
RHNA	Regional Housing Needs Allocation
ROG	reactive organic gases
ROW	right-of-way
RTP/SCS	Regional Transportation Plan and Sustainable Communities Strategy
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAQMD	South Coast Air Management District
SCGP	Shasta County General Plan
SCSD	Shasta County Sheriff’s Department
SF <sub>6</sub>	sulfur hexafluoride
Shasta County AQMD	Shasta County Air Quality Management District
SIP	state implementation plan
SO <sub>2</sub>	sulfur dioxide

SO <sub>4</sub>	sulfate
SRA	State Responsibility Area
SR 273	State Route 273
SVAB	Sacramento Valley Air Basin
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
T&E	threatened and endangered
TAC	toxic air contaminant
TCR	Tribal Cultural Resource
TDS	TDS Telecom; <i>also</i> , the applicant
telecom line	fiber-optic telecommunications cable
U.S.C.	United States Code
USACE	U.S. Army Corps of Engineers
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VdB	vibration velocity decibels
VDSL2	very-high-bit-rate digital subscriber line
VFC	Volunteer Fire Company
VP	viewpoint
Wintu	Wintu Tribe of Northern California