

VIII. Acronyms and Abbreviations

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µg	microgram
µg/m ³	micrograms per cubic meter
µm	micrometer
1992 CO Plan	1992 Federal Attainment Plan for Carbon Monoxide
2016–2040 RTP/SCS	2016–2040 Regional Transportation Plan/Sustainable Communities Strategy
2020–2045 RTP/SCS	Connect SoCal 2020–2045 Regional Transportation Plan/Sustainable Communities Strategy
AAM	annual arithmetic mean
AB	Assembly Bill
ACC II	Advanced Clean Cars II
ADA	Americans with Disabilities Act
ADPA	Archaeological Data Preservation Act
ADT	average daily traffic
AES	Acoustical Engineering Services
AF	acre-feet
afy	acre-feet per year
AIM	advance infrastructure mitigation
Air Basin	South Coast Air Basin
APC	area planning commission
AQMP	air quality management plan
AR4	IPCC Fourth Assessment Report
AR5	IPCC Fifth Assessment Report
ARPA	Archaeological Resources Protection Act

ATCMs	airborne toxic control measures
BAU	business-as-usual
Bay-Delta	San Francisco Bay/Sacramento–San Joaquin River Delta
BEV	battery electric vehicle
BMPs	best management practices
BOE	Bureau of Engineering
C ₂ H ₄ F ₂	1,1-Difluoroethane
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	corporate average fuel economy
Cal OES	California Governor's Office of Emergency Service
CalARP	California Accidental Release Program
CalEEMod	California Emissions Estimator Model [®]
Cal-EMA	California Emergency Management Agency
CalEPA	California Environmental Protection Agency
CALGreen	California Green Building Standards
California ISO	California Independent System Operator
California Register	California Register of Historical Resources
CALINE4	California LINE Source Dispersion Model, version 4
Cal-OSHA	California OSHA
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAS	climate adaptation strategy
CAT	climate action team
CCAA	California Clean Air Act
CCR	California Code of Regulations

CDFA	California Department of Food and Agriculture
CDFW	California Department of Fish and Wildlife
CDR	carbon dioxide removal
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CESA	California Endangered Species Acts
CEUS	commercial end-use survey
cf	cubic feet
CF ₄	Tetrafluoromethane
CFR	Code of Federal Regulations
cfs	cubic feet per second
CH ₂ FCF ₃	1,1,1,2-Tetrafluoroethane
CH ₄	methane
CHC	Cultural Heritage Commission
CHF ₃	Fluoroform
CHRIS	California Historical Resources Information System
CI	carbon intensity [Section IV.D, Greenhouse Gas Emissions]
CI	compression ignition [Section IV.A, Air Quality]
City	City of Los Angeles
City Freeway Guidance	<i>Interim Guidance for Freeway Safety Analysis</i>
Climate Registry	California Climate Action Registry
CNEL	community noise equivalent level
CNG	compressed natural gas
CO	carbon monoxide
CO ₂	carbon dioxide
CO _{2e}	carbon dioxide equivalent
Community Plan	Hollywood Community Plan
COMPSTAT	crime control model computer statistics

CPTED	crime prevention through environmental design
CPUC	California Public Utilities Commission
CRA/LA	Community Redevelopment Agency of the City of Los Angeles
CTC	California Transportation Commission
CVC	California Vehicle Code
D	diameter
d/D	depth-to-diameter ratio
DASH	Downtown Area Shuttle
dB	decibels
dBA	A-weighted decibels
DHS	Department of Health Services
DLA	designated local authority
DNL	day-night average noise level
DOE	United States Department of Energy
DPM	diesel particulate matter
ED 5	Executive Directive No. 5
EHLF	emergency helicopter landing facility
EIA	U.S. Energy Information Administration
EIR	Environmental Impact Report
EISA	Energy Independence and Security Act of 2007
ELDP	Environmental Leadership Development Project
Emergency Regulation	Emergency Water Conservation Regulation
EMFAC2017	CARB's EMFAC 2017 model
EMS	emergency medical service
ERA	Environmental Research Archaeologists
ERO	electric reliability organization
ESA	Endangered Species Acts
EV	electric vehicle

EVSE	electric vehicle supply equipment
Facilities Plan	2007 LAPL Branch Facilities Plan
FED	functional equivalent document
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FHWA	Federal Highway Administration
FIND	Facility Information Database
FPS	fire preemption system
Framework Element	City of Los Angeles General Plan Framework Element
FTA	Federal Transit Administration
FY	Fiscal Year
gal	gallons
GBUAPCD	Great Basin Unified Air Pollution Control District
General Plan	City of Los Angeles General Plan
GHG	greenhouse gas
GIS	geographical information system
gpd	gallons per day
gpm	gallons per minute
GPR	ground penetrating radar
GWh	gigawatt-hours
GWP	global warming potential
H ₂ S	hydrogen sulfide
HCM	<i>Highway Capacity Manual, 6th Edition</i> [Section IV.H, Transportation]
HCM	historic-cultural monument [Section IV.B, Cultural Resources]
HCS	historic context statement
HDV	heavy duty vehicles
HFCs	hydrofluorocarbons
HIN	high injury network

Historical Resources Report	Historical Resources Technical Report
HMGP	hazard mitigation grant program
HPOZ	historic preservation overlay zone
HQTA	high-quality transit area
HRA	health risk assessment
HSC	Health and Safety Code
HTLA	helicopter tactical landing area
HVAC	heating, ventilation, and air conditioning
HWRP	Hyperion Water Reclamation Plant
Hz	hertz
IEPR	integrated energy policy report
IFFAR	Information of Fire Flow Availability Report
in/sec	inches per second
IPCC	United Nations Intergovernmental Panel on Climate Change
IRP	integrated resources plan
ITE	Institute of Transportation Engineers
kWh	kilowatt-hours
kWh	thousand kilowatt-hours
LA Green Plan/ClimateLA	<i>Green LA, An Action Plan to Lead the Nation in Fighting Global Warming</i>
LAA	Los Angeles Aqueducts
LADBS	Los Angeles Department of Building and Safety
LADOT	Los Angeles Department of Transportation
LADWP	Los Angeles Department of Water and Power
LAFD	Los Angeles Fire Department
LAMC	Los Angeles Municipal Code
LAPD	Los Angeles Police Department
LAPL	City of Los Angeles Public Library

LASAN	City of Los Angeles Bureau of Sanitation
lbs/day	pounds per day
lbs/MWh	pounds per megawatt-hour
LCFS	low carbon fuel standard
Ldn	day-night average sound level
LDV	light duty vehicles
LED	light-emitting diode
LEED®	Leadership in Energy and Environmental Design
LEV	low-emission vehicle
LID	low impact development
L _{max}	maximum noise levels
LOS	level of service
LST	localized significance threshold
MAF	million acre-feet
Mandatory Reporting Rule	Mandatory Reporting of Greenhouse Gas Emissions
MATES-V	Multiple Air Toxics Exposure Study
MDV	medium duty vehicles
Metro	Los Angeles County Metropolitan Transportation Authority
mgd	million gallons per day
MLD	most likely descendant
MMBtu	million British thermal units
MMT	million metric tons
MMTCO _{2e}	million metric tons of carbon dioxide equivalents
Mobility Plan	Mobility Plan 2035
MPD	multiple property documentation
mpg	miles per gallon
MPO	metropolitan planning organization
MPP	manual of policies and procedures

MRR	Mandatory Reporting of Greenhouse Gas Emissions
Mutual Aid Plan	California Fire Service and Rescue Emergency Mutual Aid Plan
MW	megawatts
MWD	Metropolitan Water District of Southern California
MWh	megawatt-hours
MXD	mixed-use development
N/A	Not Available
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
National Register	National Register of Historic Places
NEN	neighborhood enhanced network
NERC	North American Electric Reliability Corporation
NF ₃	nitrogen trifluoride
NFPA	National Fire Protection Agency
NHTSA	National Highway Traffic Safety Administration
NMA	neighborhood mobility area
NO ₂	nitrogen dioxide
NOP	Notice of Preparation
NO _x	nitrogen oxides
NPDES	National Pollution Discharge Elimination System
O ₃	ozone
OEHHA	California Office of Environmental Health Hazard Assessment
OFFROAD	Off-Road Emissions Inventory Program model
OHP	Office of Historic Preservation
OHR	Office of Historic Resources
One Water LA Plan	One Water LA 2040 Plan

OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administrations
Pb	lead
PED	pedestrian enhanced districts
PeMS	performance measurement system
PFCs	perfluorocarbons
PGA	Priority Growth Area
PHEV	plug-in hybrid electric vehicle
Plan for a Healthy Los Angeles	Plan for a Healthy Los Angeles: A Health and Wellness Element of the General Plan
PM _{2.5}	fine particulate matter ≤ 2.5 microns
PM ₁₀	particulate matter ≤ 10 microns
ppm	parts per million
PPV	peak particle velocity
PRC	Public Resources Code
psi	pounds per square inch
PVC	polyvinyl chloride
RASS	residential appliance saturation survey
Redevelopment Area	Hollywood Redevelopment Project Area
Redevelopment Plan	Hollywood Redevelopment Plan
RFS	renewable fuel standard
RHNA	regional housing needs assessment
RMS	root mean square
RPS	renewable portfolio standard
RTP	regional transportation plan
RTP/SCS	regional transportation plan/sustainable communities strategy
RUWMP	2015 Regional UWMP
SAFE	safer affordable fuel-efficient
Safety Element	City of Los Angeles General Plan Safety Element

SAR	Second Assessment Report [Section IV.D, Greenhouse Gas Emissions]
SAR	service advisory request [Section IV.J.1, Utilities and Service Systems—Water Supply and Infrastructure]
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCAR	sewer capacity availability review
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCS	sustainable communities strategy
Secretary's Standards	Secretary of the Interior's Standards for the Treatment of Historic Properties
SEMS	standard emergency management system
SF ₆	sulfur hexafluoride
SFB	San Fernando Basin
SGMA	Sustainable Groundwater Management Act
SIP	state implementation plan
SLCP	short-lived climate pollutant
SLF	sacred lands file
SLTRP	strategic long-term resources plan
SO ₂	sulfur dioxide
SO ₄ ²⁻	sulfates
SoCalGas	Southern California Gas Company
SO _x	sulfur oxides
SRAs	source receptor areas
SSMP	sewer system management plan
Strategic Plan	Los Angeles Public Library Strategic Plan 2015–2020
Supreme Court	United States Supreme Court
SurveyLA	City of Los Angeles Historic Resources Survey

Sustainable pLAn 2019	City of Los Angeles' Green New Deal
SWP	state water project
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TAG	transportation assessment guidelines
TBZ	travel behavior zone
TCMs	transportation control measures
TDF	travel demand forecasting
TDM	transportation demand management
TNM	traffic noise model
TOC	transit-oriented communities
TOD	transit-oriented development
TPA	transit priority area
tpd	tons per day
Transportation Study	<i>Sunset + Wilcox Project Transportation Assessment</i>
ULARA	Upper Los Angeles River Area
UNFCCC	United Nations Framework Convention on Climate Change
US-101	Hollywood Freeway
USDA	United States Department of Agriculture
USDOE	United States Department of Energy
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
Utility Report	<i>Sunset + Wilcox Utility Infrastructure Technical Report: Water, Wastewater, and Energy</i>
UWMP	urban water management plan
VEN	vehicle enhanced network
VMT	vehicle-miles travelled
VMT Calculator	City of Los Angeles VMT Calculator Version 1.3

VOCs	volatile organic compounds
W	watts
WDRs	waste discharge requirements
WSA	water supply assessment
WSAP	water supply allocation plan
WSDM Plan	water surplus and drought management plan
WSV	water supply verification
WWSI	wastewater service information
ZEV	zero-emission vehicle
ZI	zoning information
ZNE	zero net energy