

VIII. Acronyms and Abbreviations

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°C	Celsius
°F	Fahrenheit
µg	microgram
µg/m ³	micrograms per cubic meter
µm	micrometer
1992 CO Plan	1992 Federal Attainment Plan for Carbon Monoxide
2010 Bicycle Plan	<i>2010 Bicycle Plan, A Component of the City of Los Angeles Transportation Element</i>
2015 IRP	2015 Integrated Water Resources Plan
2016–2040 RTP/SCS	2016–2040 Regional Transportation Plan/Sustainable Communities Strategy
2020 MWD UWMP	2020 Urban Water Management Plan
2020–2045 RTP/SCS	2020–2045 Regional Transportation Plan/Sustainable Communities Strategy
2022 Scoping Plan	Final 2022 Scoping Plan for Achieving Carbon Neutrality
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
AEGLs	acute exposure guideline levels
AES	Acoustical Engineering Services
AF	acre-feet
AFV	alternative fuel vehicles

afy	acre-feet per year
AIM	advance infrastructure mitigation
Air Basin	South Coast Air Basin
ALUC	Airport Land Use Commission
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
AVTA	Antelope Valley Transit Authority
BACT	best available control technology
BBB	Santa Monica Big Blue Bus
BEN	bicycle enhanced network
BERD	built environment resources directory
BEV	battery electric vehicle
bgs	below ground surface
BLN	bicycle lane network
BLS	basic life support
BMPs	best management practices
BOE	Bureau of Engineering
C ₂ F ₆)	Hexafluoroethane
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
Cal/OSHA	California OSHA

CalARP	California Accidental Release Program
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CalGEM	California Geologic Energy Management Division
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
Caltrans	California Department of Transportation
CAP	climate action plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAS	climate adaptation strategy
CAT	climate action team
CBC	California Building Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CCUS	carbon capture, utilization, and storage
CDFA	California Department of Food and Agriculture
CDR	carbon dioxide removal
CE	Commuter Express
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CEQA Guidelines	California Environmental Quality Act Guidelines
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
City	City of Los Angeles
City Freeway Guidance	Interim Guidance for Freeway Safety Analysis
Climate Registry	California Climate Action Registry
CNEL	community noise equivalent level
CNG	compressed natural gas
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	equivalent mass of carbon dioxide
COA	condition of approval
Community Plan	Central City Community Plan
COMPSTAT	crime control model computer statistics
County	Los Angeles County
CPC	City Planning Commission
CPTED	crime prevention through environmental design
CPUC	California Public Utilities Commission
CRA	Colorado River Aqueduct
CRA/LA	Community Redevelopment Agency of the City of Los Angeles
CRP	consumer rebate program
CTC	California Transportation Commission
CTMP	construction traffic management plan
CVC	California Vehicle Code

DASH	Downtown Area Short Hop
dB	decibels
dBA	A-weighted decibel filtering system
DCP	Department of City Planning
DDG	downtown design guide
Design Guide	City of Los Angeles Complete Streets Design Guide
DI	ductile iron
DIVCA	Digital Infrastructure and Video Competition Act of 2006
DNL	day-night average noise level
DOE	United States Department of Energy
DPM	diesel particulate matter
DTLA 2040 Plan	Downtown Community Plan
du	dwelling units
DWR	Department of Water Resources
EHLF	emergency helicopter landing facility
EIA	U.S. Energy Information Administration
EIR	Environmental Impact Report
EISA	Energy Independence and Security Act of 2007
EMFAC	EMission FACtor model
EMFAC2021	CARB EMFAC 2021 model
EMS	emergency medical service
EPACT92	Energy Policy Act of 1992
EPCA	Energy Policy and Conservation Act of 1975
ERCs	emission reduction credits
ERO	electric reliability organization
EV	electric vehicle
EVSE	electric vehicle supply equipment
Express	Los Angeles Department of Transportation Commuter Express

EZ	enterprise zone
FAR	floor area ratio
fc	foot-candle
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
FUA	Fuel Use Act
General Plan	City of Los Angeles General Plan
Geotechnical Evaluation	Report of Geotechnical Evaluation for Environmental Impact Report
GHG	greenhouse gas
GIS	geographical information system
gpd	gallons per day
gpm	gallons per minute
GWh	gigawatt-hours
GWP	global warming potential
H ₂ S	hydrogen sulfide
Harbor Freeway	State Route 110
HCM	historic-cultural monument
HCS	historic context statement
HDV	heavy duty vehicles
HFCs	hydrofluorocarbons
HIN	high-injury network
Historic District	7th Street Commercial Historic District

Historic Report	<i>The Bloc Residential Tower & Sign SUD Project Historical Resource Technical Report</i>
HMGP	hazard mitigation grant program
HOV	high-occupancy vehicle
HPOZ	historic preservation overlay zone
HQTA	high-quality transit area
HRA	health risk assessment
HSC	Health and Safety Code
HSC	Health and Safety Code
HTLA	helicopter tactical landing area
HVAC	heating, ventilation, and air conditioning
Hz	hertz
IFFAR	Information of Fire Flow Availability Report
in/sec	inches per second
IPCC	Intergovernmental Panel on Climate Change
IRP	integrated water resources plan
ITE	Institute of Transportation Engineers
kWh	kilowatt-hour
LA Green Plan/ClimateLA	<i>Green LA, An Action Plan to Lead the Nation in Fighting Global Warming</i>
LAA	Los Angeles Aqueducts
LACHCS	Los Angeles Citywide Historic Context Statement
LADBS	Los Angeles Department of Building and Safety
LADOT	City of Los Angeles Department of Transportation
LADWP	Los Angeles Department of Water and Power
LAFD	Los Angeles Fire Department
LAMC	Los Angeles Municipal Code
Land Use Handbook	Air Quality and Land Use Handbook: A Community Health Perspective
LAPD	Los Angeles Police Department

LASAN	City of Los Angeles Department of Public Works, Bureau of Sanitation
LBP	lead-based paint
lbs/day	pounds per day
LCFS	low carbon fuel standard
L _{dn}	average A-weighted noise level during a 24-hour day
L _{dn}	day-night average sound level
LDV	light-duty vehicles
LED	light-emitting diode
LEED	Leadership in Energy and Environmental Design
L _{eq}	equivalent sound level over a specified period of time
LEV	low-emission vehicle
LID	low-impact development
L _{max}	maximum instantaneous noise level
L _{min}	minimum instantaneous noise level
LOS	level of service
LST	localized significance thresholds
LTCP	long-term conservation plan
L _x	noise level exceeded a percentage of a specified time period
MAF	million acre-feet
Mandatory Reporting Rule	California Regulation for the Mandatory Reporting of Greenhouse Gas Emissions
MATES-V	Multiple Air Toxics Exposure study
mBTU	thousand British thermal units
MDV	medium duty vehicles
Metro	Los Angeles County Metropolitan Transportation Authority
MLD	most likely descendant
MMTCO _{2e}	million metric tons of carbon dioxide equivalents
MND	Mitigated Negative Declaration

Mobility Plan	Mobility Plan 2035
MOU	memorandum of understanding
MPD	multiple property documentation
mpg	miles per gallon
mph	miles per hour
MPO	metropolitan planning organization
MPP	Manual of Policies and Procedures
MRR	California Regulation for the Mandatory Reporting of Greenhouse Gas Emissions
Mutual Aid Plan	California Fire Service and Rescue Emergency Mutual Aid Plan
MW	megawatts
MWD	Metropolitan Water District
MWh	megawatt-hours
MXD	mixed-use development
N/A	not applicable or 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 Association
NHTSA	National Highway Traffic Safety Administration
NMA	neighborhood mobility area
NO ₂	nitrogen dioxide
NOP	Notice of Preparation
NO _x	nitrogen oxides

NSR	New Source Review
O ₃	ozone
OCTA	Orange County Transportation Authority
OEHHA	California Office of Environmental Health Hazard Assessment
OEM	Office of Emergency Management
OFFROAD	Off-road Emissions Inventory Program
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 district
PeMS	performance measurement system
PFCs	perfluorocarbons
PGA	priority growth area
PHEV	plug-in hybrid electric vehicles
Plan for a Healthy Los Angeles	Plan for a Healthy Los Angeles: A Health and Wellness Element of the General Plan
PM	particulate matter
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
PURPA	Public Utility Regulatory Policies Act of 1978
PV	photovoltaic
PVC	polyvinyl chloride

Qfs	qualifying facilities
RASS	residential appliance saturation survey
RENEW LA	Recovering Energy, Natural Resources, and Economic Benefit from Waste for Los Angeles
RFS	renewable fuel standard
RHNA	regional housing needs assessment
rm	rooms
RMS	root mean square
ROG	reactive organic compound
RPS	Renewables Portfolio Standards
RTP	regional transportation plan
RTP/SCS	regional transportation plan/sustainable communities strategy
SAFE	safer affordable fuel-efficient
Safety Element	City of Los Angeles General Plan Safety Element
SAR	IPCC 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
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCS	sustainable communities strategy
SEMS	standard emergency management system
sf	square feet
SF ₆	sulfur hexafluoride
SFB	San Fernando Basin
SGMA	Sustainable Groundwater Management Act
Sign District	sign supplemental use district

SIP	state implementation plan
SLCP	short-lived climate pollutant
SLF	sacred lands file
SO ₂	sulfur dioxide
SO ₄ ²⁻	sulfates
SoCalGas	Southern California Gas Company
SORE	small offroad engine
SO _x	sulfur oxides
SR-110	State Route 110
SRA	source receptor area
Supreme Court	United States Supreme Court
SurveyLA	City of Los Angeles Historic Resources Survey
SWP	state water project
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TAG	transportation assessment guidelines
TBZ	travel behavior zone
TCM	transportation control measure
TCR Assessment	<i>Tribal Cultural Resources Assessment for The Bloc Residential Tower and Sign Supplemental Use District Project</i>
TCRs	tribal cultural resources
TDF	travel demand forecasting
TDM	transportation demand management
TDS	total dissolved solids
TEN	transit enhanced network
TFAR	transfer of floor area rights
TNM	traffic noise model
TOC	transit-oriented communities
TOD	transit-oriented development

Torrance Transit	City of Torrance Transit Department
TPA	transit priority area
tpd	tons per day
Transportation Study	<i>The Bloc Residential Tower and Signage SUD Project Transportation Assessment</i>
UNFCCC	United Nations Framework Convention on Climate Change
US&R	Urban Search and Rescue
USC	United States Code
USDA	United States Department of Agriculture
USDOE	United States Department of Energy
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
Utility Report	<i>Utility Infrastructure Technical Report: Water and Energy</i>
UWMP	urban water management plan
VdB	root mean square vibration velocity amplitude
VEN	vehicle enhanced network
VMT Calculator	City of Los Angeles VMT Calculator Version 1.3
VMT	vehicle miles traveled
VOCs	volatile organic compounds
W	watt
Wh	watt-hours
WIP	water infrastructure plan
WSA	water supply assessment
WSAP	water supply allocation plan
WSDM Plan	water surplus and drought management plan
WSV	water supply verification
YMCA	Young Men's Christian Association
ZEV	zero-emission vehicles
ZI	zoning information

ZIMAS	Zone Information and Map Access System
ZNE	zero net energy