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ACRONYMS AND ABBREVIATIONS

°C	degrees Celsius
2014 Scoping Plan Update	First Update to the Climate Change Scoping Plan: Building on the Framework
2017 Scoping Plan Update	California’s 2017 Climate Change Scoping Plan: The Strategy for Achieving California’s 2030 Greenhouse Gas Target
AB	Assembly Bill
ABPP	Avian and Bat Protection Plan
AC	alternating current
ACHP	Advisory Council on Historic Preservation
ADT	average daily traffic
AF	acre-feet
AFY	acre-feet per year
AG-20	Agricultural homes on 20 acre parcels
AG-80	agricultural properties of 80 acres or more
AIA	Airport Influence Area
ALUC	Airport Land Use Commission
ALUCP	Airport Land Use Compatibility Plan
AMMs	avoidance and minimization measures
AMP	Avoidance and Minimization Plan
ANSI	American National Standards Institute
APE	Area of Potential Effect
APLIC	Avian Power Line Interaction Committee
APN	Assessor Parcel Numbers
APP	Avian Protection Plan
applicant	Sacramento Valley Energy Center, LLC
ATCM	Airborne Toxic Control Measure
ATCT	air traffic control tower
ATVs	all-terrain vehicles
AWCU	Aerojet Waste Consolidation Unit
B.P.	Before Present
BAAQMD	Bay Area Air Quality Management District
BACT	best available control technology for toxics
Basin Plan	Water Quality Control Plan for the Sacramento-San Joaquin River Basins
BESS	Battery Energy Storage Systems
BIA	Bureau of Indian Affairs
BMP	Best Management Practices
BMP#	Tier # Best Management Practices
BMS	Battery Management Systems
BPP	Bat Protection Plan
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standard
CAL FIRE	California Department of Forestry and Fire Protection
CalEEMod	California Emissions Estimator Model

CALGreen	California Green Building Standards
CALGreen Code	California Green Building Standards Code
CalOSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CAP	Climate Action Plan
CARB	California Air Resources Board
CASQA	California Stormwater Quality Association
CBC	California Building Standards Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CEQA Guide	California Environmental Quality Act Guide to Air Quality Assessment in Sacramento County
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CESA	California Endangered Species Act
CFCs	Chlorofluorocarbons
CFGC	California Fish and Game Code
CFR	Code of Federal Regulations
CGS	California Geological Survey
CH ₄	Methane
CLOMR	Conditional Letters of Map Revision
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Survey
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalence
Communitywide CAP	Communitywide Greenhouse Gas Reduction and Climate Change Adaptation
Construction General Permit	General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities Order WQ 2022-0057-DWQ, NPDES Permit No. CAS000002
County	Sacramento County
CRHR	California Register of Historical Resources
CRMP	Cultural Resource Management Plan
CRPR	California Rare Plant Rank
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
dB	decibels
dBA	A-weighted decibels
dBA/DD	A-weighted decibels per doubling of distance
DBH	diameter at breast height
DC	direct current
DCH	Designated Critical Habitat
Delta	Sacramento–San Joaquin River Delta

DOC	California Department of Conservation
DPM	diesel particulate matter
DPR	Department of Pesticide Regulation
DPR	Department of Parks and Recreation
DRAC	Design Review Advisory Committee
Drainage Study	Level 3 Drainage Study
DTSC	California Department of Toxic Substances Control
DWR	California Department of Water Resources
ECORP	ECORP Consulting, Inc.
EFH	essential fish habitat
EIR	Environmental Impact Report
EMD	Environmental Management Department
EO	Executive Order
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act of 1986
ESA	Environmental Site Assessment
ESA	environmentally sensitive area
ESS	Electrical Energy Storage Systems
EV	electric vehicle
FAA	Federal Aviation Administration
FAR	Federal Aviation Regulations
FEMA	Federal Emergency Management Agency
FEW	freshwater emergent wetland
FHWA	Federal Highway Administration
FHWA-RD-77-108	Federal Highway Administration Highway Traffic Noise Prediction Model
FHSZ	Fire Hazard Severity Zone
FHZ	Flood Hazard Zone
FIRM	Flood Insurance Rate Map
FMMP	Farmland Mapping and Monitoring Program
FR	Federal Register
FTA	Federal Transit Administration
GA-80	General Agricultural (80 acres)
gen-tie	generation tie
GET	Groundwater extraction and treatment
GHG	greenhouse gas
GPS	global positioning system
Groundwater Study	Water Supply Assessment, Dudek also prepared a Groundwater Resource Impact Analysis
GSP	Groundwater Sustainability Plan
GWP	Global Warming Potential
HAPs	hazardous air pollutants
HASP	Health and Safety Plan
HCFCs	Hydrochlorofluorocarbons
HCP	Habitat Conservation Plan
HFCs	Hydrofluorocarbons

High GWP	High Global Warming Potential
HRA	health risk assessment
HVAC	Heating Ventilation and Air Conditioning
Hz	hertz
IBMI	Ione Band of Miwok Indians
ICF	Institute for Canine Forensics
LID	Low Impact Development
in/sec	inches per second
IPCC	Intergovernmental Panel on Climate Change
IR	Industrial Reserve
IRCTS	Inactive Rancho Cordova Test Site
IS	Initial Study
ITP	Incidental Take Permit
KOPs	key observation points
kg	kilograms
kV	kiloVolt
L-1	linkage area
LDL	Larson Davis Laboratories
L_{dn}	Day-Night Noise Level
LED	Light-emitting diode
L_{eq}	Equivalent Noise Level
LID	Low Impact Development
L_{max}	Maximum Noise Level
L_{min}	Minimum Noise Level
L_n	statistical descriptor
LOMR	Letters of Map Revision
LOS	level of service
LPFS	local-serving public facilities/service
LRAs	local responsibility areas
LT	long-term
LTA	Local Transportation Analyses
M&I	Municipal and Industrial
MACT	maximum available control technology for toxics
Mather Air Force Base	Mather Airport was formerly a military facility
MIC	maximum instantaneous charge
MLD	most likely descendant
MND	Mitigated Negative Declaration
MMRP	Mitigation Monitoring and Reporting Program
mph	miles per hour
MUN	Municipal and Domestic Supply
MW	megawatt
MS4	Municipal Separate Storm Sewer System
N_2O	nitrous oxide
NAAQS	national ambient air quality standards
NAHC	Native American Heritage Commission
NCIC	North Central Information Center

NDMA	N-Nitroso dimethylamine
NEC	National Electrical Code
NFIP	National Flood Insurance Program
NFPA	National Fire Protection Association
NHD	National Hydrography Dataset
NHPA	National Historic Preservation Act
NMC	nickel manganese cobalt
NO ₂	nitrogen dioxide
NOA	naturally occurring asbestos
NOAA	National Oceanic and Atmospheric Administration
NOP	Notice of Preparation
NO _x	nitrogen oxide
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRCS	U.S. Natural Resources Conservation Service
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory
O	Open Space
OEHHA	Office of Environmental Health Hazard Assessment
OES	Office of Emergency Services
OHV	off-highway vehicle
OHVA	define
OHWM	ordinary high water mark
OU	Operable Unit
OWCA	Oak Woodlands Conservation Act
PAR	Property Analysis Record
PCE	tetrachloroethene
PFCs	Perfluorinated Chemicals
PM	particulate matter
PM ₁₀	particulate matter less than 10 micrometers in diameter
PM _{2.5}	particulate matter less than 2.5 micrometers in diameter
Porter-Cologne Act	Porter-Cologne Water Quality Control Act
PPU	Preserve Planning Unit
PPU 1	Preserve Planning Unit 1
PPV	peak particle velocity
PRC	Public Resources Code
proposed project	Coyote Creek Agrivoltaic Ranch project
PUC	Public Utilities Code
PV	photovoltaic
RD-10	low density residential
Recovery Plan	2005 Recovery Plan for Vernal Pool Ecosystems of California and Southern Oregon
RMS	root mean square
ROD	Record of Decision
ROG	reactive organic gases
RPS	Renewables Portfolio Standard

RTMP	Road and Trail Management Plan
Rule	Revised Definition of Waters of the United States rule
RWD	Reports of Waste Discharge
RWQCB	Regional Water Quality Control Board
SACDOT	Sacramento County Department of Transportation
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SCADA	Supervisory Control and Data Acquisition
SCWA	Sacramento County Water Agency
Scoping Plan	Climate Change Scoping Plan
SENL	Single-Event [Impulsive] Noise Level
SF ₆	Sulfur hexafluoride
SFNA	Sacramento Federal Nonattainment Area
SGMA	Sustainable Groundwater Management Act
SIP	state implementation plan
Small MS4s	Small Municipal Separate Storm Sewer Systems
SMAQMD	Sacramento Metropolitan Air Quality Management District
SMARA	California Surface Mining and Reclamation Act of 1975
SMUD	Sacramento Municipal Utility District
SO ₂	sulfur dioxide
SO _x	oxides of sulfur
SRAs	state responsibility areas
SSBMI	Shingle Springs Band of Miwok Indians
SSHCP	South Sacramento Habitat Conservation Plan
SSQP	Sacramento Stormwater Quality Partnership
State Parks	California State Parks
Superfund Act	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
SVAB	Sacramento Valley Air Basin
SVP	Society of Vertebrate Paleontology
SVRA	State Vehicular Recreation Area
SWHA	Swainson's Hawk
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	Toxic Air Contaminant
TCL	Tribal Cultural Landscape
TANF	Tribal Temporary Assistance for Needy Families
TCPs	Traditional Cultural Properties
TCRs	tribal cultural resources
TCR AMP	Tribal Cultural Resources Avoidance and Minimization Plan
TCE	trichloroethene
Terracon	Terracon Consultants, Inc.
TIPG	Transportation Improvement and Program Guide
TMDLs	Total Maximum Daily Loads
U.S.	United States
U.S. Soil Conservation Service	Now called the Natural Resources Conservation Service

U.S.C.	U.S. Code
UAIC	United Auburn Indian Community
UCMP	University of California, Berkeley Museum of Paleontology
UDA	Urban Development Area
UL	Underwriters Laboratory Solution
UPA	Urban Policy Area
USACE	United States Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency
USB	Urban Services Boundary
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	United States Geographic Survey
VdB	vibration decibels
VMT	vehicle miles travelled
VOC	volatile organic compounds
WDRs	Waste Discharge Requirements
WEAP	Worker Awareness Environmental Program
WR	Wilton Rancheria
WSA	Water Supply Assessment
WST	western spadefoot toad
YSAQMD	Yolo-Solano Air Quality Management District