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Project Title:	Potentia-Viridi Battery Energy Storage System
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Document Title:	Acronyms
Description:	A table listing the acronyms and abbreviations used throughout the document and their definitions.
Filer:	Jennifer Dorgan
Organization:	Allen Matkins Leck Gamble Mallory & Nats
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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AB	Assembly Bill
AC	alternating current
ACE	Altamont Commuter Express
ACFCWCD	Alameda County Flood Control and Water Conservation District
ACFD	Alameda County Fire Department
ACHP	Advisory Council on Historic Preservation
ACMC	Alameda County Municipal Code
ACOE	Alameda County Office of Education
ACSR	aluminum conductor steel reinforced
ACPWA	Alameda County Public Works Agency
ADT	average daily traffic
AF	acre-feet
AFY	acre-foot per year
AHJ	authority having jurisdiction
AHS	Alameda County Health Care System
AISC	American Institute of Steel Construction
AMSL	above mean sea level
AN	audible noise
API	area of potential impacts
APN	Assessor's Parcel Number
AST	Aboveground Storage Tank
ATCM	Airborne Toxic Control Measure
Applicant	Levy Alameda, LLC
BAAQMD	Bay Area Air Quality Management District
BACT	best available control technology
BART	Bay Area Rapid Transit
BCDC	San Francisco Bay Conservation and Development Commission
BER	business environmental risk
BESS	battery energy storage system
BMP	best management practice
BMS	battery management system
BPA	Bonneville Power Administration
BPPA	Botanical Priority Protection Areas Project
BUG	backlight, uplight, and glare
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
cal	calibrated years
CAL FIRE	California Department of Forestry and Fire Protection
CalEEMod	California Emissions Estimator Model
Cal/OSHA	California Occupational Health and Safety Administration

Acronym/Abbreviation	Definition
CAISO	California Independent System Operator
CARB	California Air Resources Board
CBC	California Building Code
CCED	California Conservation Easement Database
CCIC	Central California Information Center
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDOF	California Department of Finance
CDP	Census Designated Place
CEC	California Energy Commission
CESA	California Endangered Species Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CEQA	California Environmental Quality Act
CFC	California Fire Code
CFR	Code of Federal Regulations
CGS	California Geological Survey
СНР	California Highway Patrol
CHRIS	California Historical Resources Information System
CNDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO	carbon monoxide
CPAD	California Protected Area Database
CPUC	California Public Utilities Commission
CRHR	California Register of Historic Resources
CRLF	California red-legged frog
CRPR	California Rare Plant Rank
CTS	California tiger salamander
CUPA	Certified Unified Program Agency
CVC	California Vehicle Code
CWA	Clean Water Act
CZ	Conservation Zone
dB	decibel
dBA	A-weighted decibel
DC	direct current
DESCP	drainage, erosion, and sediment control plan
DOC	Department of Conservation
DOT	Department of Transportation
DPM	diesel particulate matter
DPS	distinct population segment
DTSC	California Department of Toxic Substances Control
DWR	California Department of Water Resources
EACCS	East Alameda County Conservation Strategy

EBCAEast Bay Chapter AreaECAPAlameda County East Area PlanECAPAlameda County East Area PlanECHEssential Fish HabitatEIRenvironmental impact reportEMSEmergency Operations PlanEOPErgineer of RecordEPAU.S. Environmental Protection AgencyEPCRAEmergency Planning and Community Right-to Know ActESAEnvironmental Site AssessmentFAAFederal Emergency Mangagement AgencyFESAfederal Endangered Species ActFHSZFire Hazard Severity ZoneFICONFederal Interagency Committee on NoiseFMMPFarmland Mapping and Monitoring ProgramFMZTuel modification zoneFPFully Protection PlanFRAPFire and Resource Assessment ProgramFRAPFire Safety PlanFISFire Safety PlanFISFire Safety PlanFRAPFire and Resource Assessment ProgramFRAPFire and Resource Assessment ProgramFSPFire Safety PlanFIGOGOGeneral OrderGSPGroundwater Sustainability PlanHAPhazardous air pollutantHFDHazardous air pollutantHFDHig Prine Threat DistrictHMBPHazardous Materials Business PlanHRAhealth isk assessmentFIInternational Fire CodeIFInternational Fire CodeIFInternational Fire CodeIFInternational Fire CodeIF <td< th=""><th>Acronym/Abbreviation</th><th>Definition</th></td<>	Acronym/Abbreviation	Definition
EFH Essential Fish Habitat EIR environmental impact report EMS Emergency Medical Services EOP Emergency Operations Plan EOR Engineer of Record EPA U.S. Environmental Protection Agency EPCRA Emergency Planning and Community Right-to Know Act ESA Environmental Site Assessment FAA Federal Aviation Administration FEMA Federal Emergency Management Agency FESA federal Emergency Management Agency FESA federal Emergency Committee on Noise FIND Federal Interagency Committee on Noise FMMP Farmland Mapping and Monitoring Program FMZ fuel modification zone FP Fully Protection Plan FP Fully Protection Plan FRAP Fire and Resource Assessment Program FTA Federal Transit Administration FTE Full-time Equivalent GDP gross domestic product gen-tie intertie transmission GHG greenhouse gas GIS geographic information system GO General Order GSP Groundwater Sustainability Plan HAP hazardous air pollutant HMP hazardous a	EBCA	East Bay Chapter Area
EFH Essential Fish Habitat EIR environmental impact report EMS Emergency Medical Services EOP Emergency Operations Plan EOR Engineer of Record EPCRA U.S. Environmental Protection Agency EPCRA Emergency Planning and Community Right-to Know Act ESA Environmental Site Assessment FAA Federal Aviation Administration FEMA Federal Emergency Management Agency FESA federal Emergency Committee on Noise FIND Federal Interagency Committee on Noise FMMP Farmland Mapping and Monitoring Program FMZ fuel modification zone FP Fully Protected FPP Fire and Resource Assessment Program FRA Federal Transit Administration FTE Full-time Equivalent GDP gross domestic product gen-tie Intertife transmission GHG greenhouse gas GIS geographic information system GO General Order GSP Groundwater Sustainability Plan HAP hazardous Materials Business Plan HAP hazardous Materials Business Plan HAP hazardous Materialis Business Plan HRA	ECAP	Alameda County East Area Plan
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KOP Key Observation Point	ISO	
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L liter LACM Los Angeles County Museum Ldn day-night sound or noise level LEPC Local Emergency Planning Committee Leq.(h) 1-hour A-weighted equivalent sound level Lef(h) 1-hour A-weighted equivalent sound level LFP lithium iron phosphate LHMP Alameda County Local Hazard Mitigation Plan LD Low Impact Development LOS level of service LQ/TO lock-out/tag-out LD Large Parcel Acreage - or Agriculture? LUST leaking underground storage tank LVK Livermore Municipal Airport MBTA Migratory Bird Treaty Act mg milligram MM mitigation measure MV medium voltage MV megawatt-hour NAQS National Fire Protection Association NAIC National Fire Protection Association NFPA National Fire Protection Association NAQS National Fire Protection Association NAIC National Fire Protection Association	Acronym/Abbreviation	Definition
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O&M operations and maintenance	NWIC	Northwest Information Center
	NWIS	National Water Information System
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	03	ozone

Acronym/Abbreviation	Definition
OCBF	octave-band center frequency
ОЕННА	Office of Environmental Health Hazard Assessment
OPR	Governor's Office of Planning and Research
OSHA	Occupational Health and Safety Administration
PCE	passenger car equivalent
PCS	Power Conversion System
PDF	Project Design Feature
PG&E	Pacific Gas and Electric
PM _{2.5}	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
PM10	particulate matter with an aerodynamic diameter less than or equal to 10 microns
POCO	Point of Change of Ownership
POI	Point of Interconnection
PPE	personal protective equipment.
PPV	peak particle velocity
PRC	Public Resources Code
PRIMP	Paleontological Resources Impact Mitigation Program
PSAP	Public Safety Answering Point
Project	Potentia-Viridi Battery Energy Storage System
PV	photovoltaic
PWL	sound power level
Q	Quarter
RAWS	Remote Automated Weather Station
RCNM	Federal Highway Administration Roadway Construction Noise Model
RCRA	Resource Conservation and Recovery Act
ROG	reactive organic gas
ROW	right-of-way
RMP	Risk Management Plan
RUSLE	Revised Universal Soil Loss Equation
RWQCB	Regional Water Quality Control Board
SAP	sampling and analysis plan
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SCADA	Supervisory Control and Data Acquisition
SDAPCD	San Diego Air Pollution Control District
SFBAAB	San Francisco Bay Area Air Basin
SGMA	Sustainable Groundwater Management Act
SHPO	State Historic Preservation Officer
SIL	significant impact level
SIP	state implementation plan
SJCAPCD	San Joaquin County Air Pollution Control District
SLF	Sacred Lands File
SLM	sound level meter

Acronym/Abbreviation	Definition
SMARA	California Surface Mining and Reclamation Act
SMP	soil management plan
SO ₂	sulfur dioxide
SPCC	Spill Prevention Control and Countermeasures Plan
SPL	sound pressure level
SRA	State Responsibility Area
SSC	Species of Special Concern
SSD	Site Safety Director
SSJCFA	South San Joaquin County Fire Authority
SVP	Society of Vertebrate Paleontology
SWRCB	State Water Resources Control Board
SWP	State Water Project
SWPPP	stormwater pollution prevention plan
TAC	toxic air contaminant
TCY	Tracy Municipal Airport
TDS	total dissolved solids
TMDL	Total Maximum Daily Load
UCMP	University of California, Berkeley Museum of Paleontology
UL	Underwriters Laboratories
USACE	U.S. Army Corps of Engineers
USD	Unified School District
USDA	U.S. Department of Agriculture
USFWS	U.S. Fish and Wildlife Service
USGS	U. S. Geological Survey
USLE	Universal Soil Loss Equation
UWMP	Urban Water Management Plan
VMT	vehicle miles traveled
VOC	volatile organic compound
WSA	water supply assessment
WUI	wildland-urban interface