City of Santa Clara Electric Resources

City of Santa Clara Electric Resources

Wind

Altamont Wind Power Project
Location: Alameda County, CA
Ownership: Seawest, LLC (PPA)
Size: 20 MW
Completed: 1985

M-S-R Big Horn I Wind Project
Location: Brickleton,WA
Ownership: Iberdrola (PPA)
Size: 200 MW; 105 MW toSVP
Completed: 2006

M-S-R Big Horn II Wind Project
Location: Brickleton,WA
Ownership: Iberdrola (PPA)
Size: 50 MW; 17 MW to SVP
Completed: 2010

Manzana Wind Power Project
Location: Kern County, CA
Ownership: Iberdrola (PPA)
Size: 189 MW; 50 MW to SVP
Completed: 2012

Hydroelectric

Stony Creek Hydroelectric System
Location: Stony Creek River System
Ownership: Silicon Valley Power
Size: 11.6 MW
Completed: 1998

Grizzly Hydroelectric Project
Location: Plumas County
Ownership: Silicon Valley Power
Size: 20 MW
Completed: 1993

Western Area Power Administration
Location: Sacramento, CA
Ownership: WAPA (PPA)
Size: multiple; 136 MW to SVP
Completed: 1985

NCPA Calaveras Hydroelectric Project
Location: Stanislaus River Basin
Ownership: NCPA (JPA)
Size: 252 MW; 91.4 MW to SVP
Completed: 1990

Tri-Dam Large & Small Hydroelectric Project
Location: Tuolumne County, CA
Ownership: The Tri-Dam Project (PPA)
Size: 109.5 MW
Projected: *2014*

Tri-Dam Large & Small Hydroelectric Project
Location: Tuolumne County, CA
Ownership: The Tri-Dam Project (PPA)
Size: 16.2 MW
Projected: *2016*

Friant I Small Hydroelectric Project
Location: Fresno County, CA
Ownership: Friant Power Authority (PPA)
Size: 25 MW
Projected: *2016*

Friant II Small Hydroelectric Project
Location: Fresno County, CA
Ownership: Friant Power Authority (PPA)
Size: 7 MW
Projected: *2015*

Solar

Jenny Strand Solar PV System
Location: Santa Clara, CA
Ownership: Silicon Valley Power
Size: 100 KW
Completed: 2012

Tasman Parking Structure Solar PV
Location: Santa Clara, CA
Ownership: Silicon Valley Power
Size: 400 KW
Completed: 2013

Utility Scale Solar Electric
Location: Kern County, CA
Ownership: Recurrent Energy (PPA)
Size: 20 MW
Projected: *2013*

Landfill

G2 Landfill Gas
Location: Wheatland, CA
Ownership: G2Energy (PPA)
Size: 1.3 MW
Completed: 2009

Ameresco Santa Clara Landfill Gas
Location: Santa Clara, CA
Ownership: Ameresco (PPA)
Size: 750 KW
Completed: 2009

Ameresco Forward Landfill Gas
Location: Manteca, CA
Ownership: Ameresco (PPA)
Size: 4.6 MW
Projected: *2013*

Ameresco Vasco Landfill Gas
Location: Livermore, CA
Ownership: Ameresco (PPA)
Size: 4.6 MW
Projected: *2013*

Natural Gas

NCPA Combustion Turbine Facilities
Location: Alameda & Lodi, CA
Ownership: NCPA (JPA)
Size: 75 MW; 31 MW to SVP
Completed: 1986

NCPA Lodi Energy Center
Location: Lodi, CA
Ownership: NCPA (JPA)
Size: 280 MW; 72 MW to SVP
Completed: 2012

Donald Von Raesfeld Power Plant
Location: Santa Clara, CA
Ownership: Silicon Valley Power
Size: 147 MW
Completed: 2005

Cogeneration Plant #1
Location: Santa Clara, CA
Ownership: Silicon Valley Power
Size: 7 MW
Completed: 1981

Gianera Generating Station
Location: Santa Clara, CA
Ownership: Silicon Valley Power
Size: 49.5 MW
Completed: 1986

Geothermal

NCPA Geothermal Project
Location: Sonoma/Lake county
Ownership: NCPA (JPA)
Size: 116 MW; 52 MW to SVP
Completed: 1988

Coal

M-S-R/San Juan Coal
Location: Four corners, NM
Ownership: M-S-R (JPA)
Size: 507 MW; 51 MW to SVP
Completed: 1983