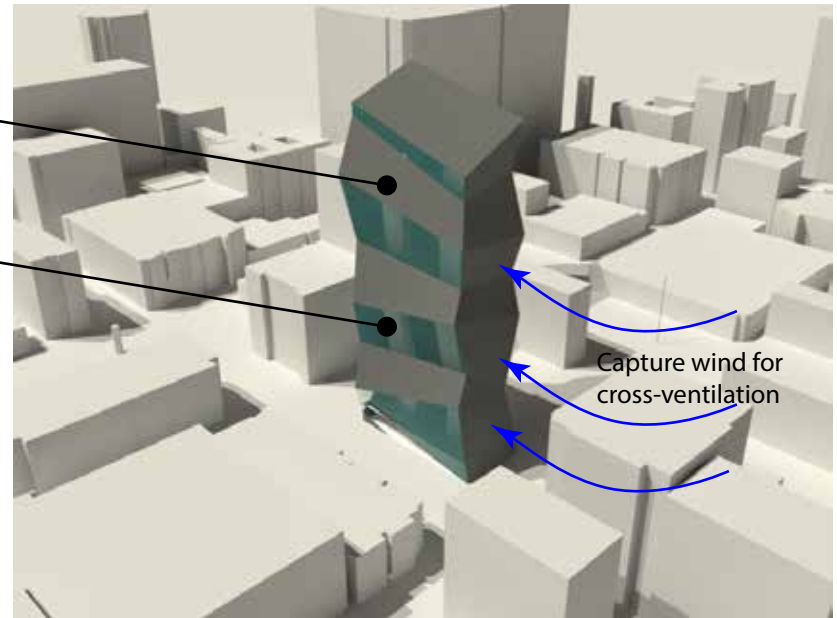


PV Panels

Glazing for daylighting



Capture wind for cross-ventilation



South East

RESULTS **556,559 kWh per Year ***
System output may range from 532,224 to 583,191 kWh per year near this location.

Month	Solar Radiation (kWh / m ² / day)	AC Energy (kWh)	Energy Value (\$)
January	4.58	32,697	6,760
February	4.16	43,521	5,590
March	4.32	59,224	6,400
April	4.29	47,793	6,890
May	3.39	38,439	4,897
June	3.28	35,212	4,486
July	3.86	40,419	5,140
August	4.04	45,114	5,748
September	4.37	47,819	6,092
October	4.16	47,143	6,096
November	4.85	52,142	6,770
December	4.81	56,827	7,810
Annual	4.16	656,659	\$ 70,906

Location and Station Identification

Requested Location: 90017
 Weather Data Source: (TMY3) JACK NORTHROP FLD H, CA 10 mi
 Latitude: 33.92° N
 Longitude: 118.33° W

PV System Specifications (Commercial)

DC System Size: 489.49 kW
 Module Type: Premium
 Array Type: Fixed (open rack)
 Array Tilt: 9°
 Array Azimuth: 200°
 System Losses: 14%
 Inverter Efficiency: 96%
 DC to AC Size Ratio: 1.1

Economics

Average Cost of Electricity Purchased from Utility: 0.13 \$/kWh

Performance Metrics

Capacity Factor: 13.9%

Roof

RESULTS **442,028 kWh per Year ***
System output may range from 431,122 to 452,269 kWh per year near this location.

Month	Solar Radiation (kWh / m ² / day)	AC Energy (kWh)	Energy Value (\$)
January	4.18	27,666	3,625
February	4.41	27,892	3,482
March	5.55	37,877	4,825
April	6.93	45,543	5,892
May	6.38	43,264	5,917
June	6.99	44,629	5,886
July	7.24	47,244	6,056
August	6.83	45,903	6,713
September	5.76	36,790	4,687
October	4.52	35,453	3,883
November	4.47	28,622	3,546
December	4.05	27,168	3,481
Annual	6.60	442,028	\$ 66,314

Location and Station Identification

Requested Location: 90017
 Weather Data Source: (TMY3) JACK NORTHROP FLD H, CA 10 mi
 Latitude: 33.92° N
 Longitude: 118.33° W

PV System Specifications (Commercial)

DC System Size: 279 kW
 Module Type: Standard
 Array Type: Fixed (open rack)
 Array Tilt: 20°
 Array Azimuth: 200°
 System Losses: 14%
 Inverter Efficiency: 96%
 DC to AC Size Ratio: 1.1

Economics

Average Cost of Electricity Purchased from Utility: 0.13 \$/kWh

Performance Metrics

Capacity Factor: 18.1%

Roof

RESULTS **221,684 kWh per Year ***
System output may range from 211,198 to 235,318 kWh per year near this location.

Month	Solar Radiation (kWh / m ² / day)	AC Energy (kWh)	Energy Value (\$)
January	1.95	6,236	1,602
February	1.45	11,151	1,432
March	1.98	16,946	2,159
April	2.79	23,220	2,971
May	3.15	27,233	3,489
June	3.31	27,413	3,492
July	3.44	29,210	3,721
August	3.12	26,279	3,581
September	2.47	20,157	2,562
October	1.95	13,626	1,661
November	1.19	9,876	1,220
December	1.03	8,976	1,144
Annual	2.21	221,684	\$ 28,243

Location and Station Identification

Requested Location: 90017
 Weather Data Source: (TMY3) JACK NORTHROP FLD H, CA 10 mi
 Latitude: 33.92° N
 Longitude: 118.33° W

PV System Specifications (Commercial)

DC System Size: 346 kW
 Module Type: Premium
 Array Type: Fixed (open rack)
 Array Tilt: 9°
 Array Azimuth: 200°
 System Losses: 14%
 Inverter Efficiency: 96%
 DC to AC Size Ratio: 1.1

Economics

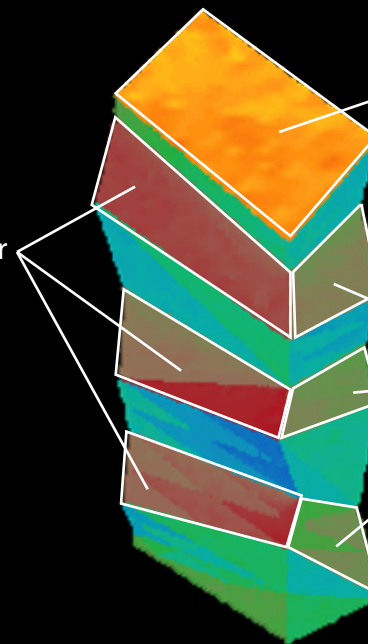
Average Cost of Electricity Purchased from Utility: 0.13 \$/kWh

Performance Metrics

Capacity Factor: 7.3%



556,559 kWh/year
\$70,906



442,028 kWh/year
\$56,314

221,648 kWh/year
\$28,243

North ↑