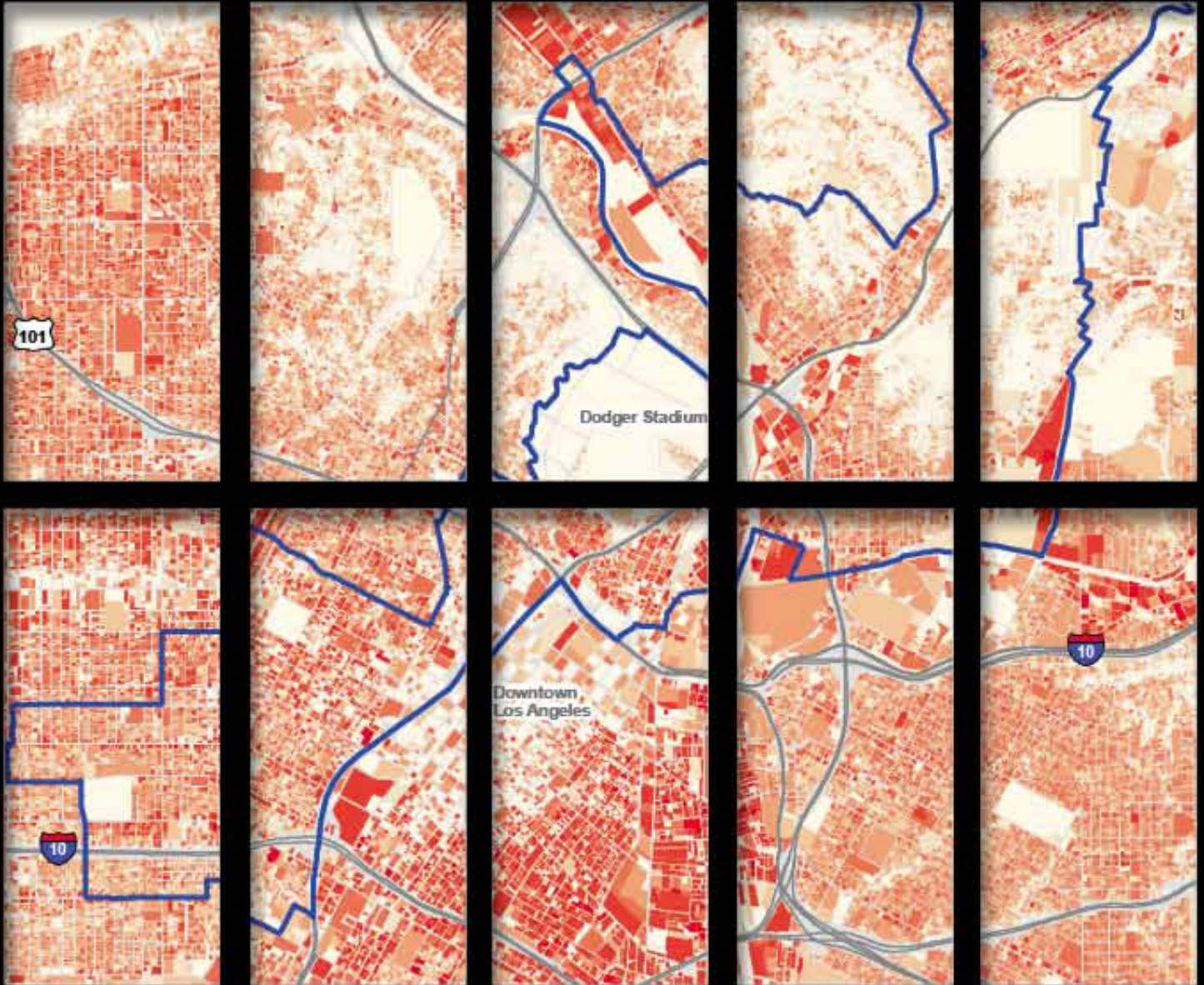


UCLA School of Public Affairs

Luskin Center

FOR INNOVATION



Los Angeles

SOLAR ATLAS

**“For Los Angeles to be
the cleanest, greenest city,
we need participation
from every Angeleno...
we know that dirty fossil fuels
will only become more scarce
and more expensive
in the years to come.**

**This helps move
us toward renewable energy
while at the same
time creating new jobs.”**

– Mayor Villaraigosa

UCLA School of Public Affairs

Luskin Center

FOR INNOVATION

Los Angeles **ROOFTOP SOLAR ATLAS**

Authors

J.R. DeShazo

Director and Professor, UCLA Luskin Center for Innovation

Ryan Matulka

Project Manager, UCLA Luskin Center for Innovation

Norman Wong

GIS Program Manager, UCLA Lewis Center

Cover Design

Wanda Decca

Acknowledgements

We wish to thank the following organizations for their financial and material support without which this atlas would not be possible. Any errors or omissions are the responsibility of the authors.

UCLA Lewis Center
School of Public Affairs



INTRODUCTION



Los Angeles is endowed not only with bountiful sunshine, but also with vast expanses of low-rise urban development that offers valuable siting opportunities for distributed solar energy generation. This atlas describes the geography of the region's rooftop solar resources. The information may prove useful for economic development planners, solar photovoltaic (PV) installers, utility planners, building owners, public administrators, labor union leadership, and anyone interested in the development of solar power in Los Angeles.

Los Angeles County has over 19,000 megawatts of rooftop solar PV potential, while the City of Los Angeles has over 5,500 megawatts.* These maps, which are based on aerial photography of the solar-usable rooftop space,** should be viewed as providing long-run estimates of rooftop potential.***

This atlas is organized to help cities and electricity utilities understand their own solar rooftop potential so that they may be better stewards of these resources. Each map presents the geographical distribution of solar potential across neighborhoods and parcels. In addition, each map is accompanied by a description of how the solar potential varies across single- and multifamily residences, commercial and industrial parcels, and nonprofit and government parcels, since the economic benefits and policy incentives may vary accordingly. Because cost-effectiveness increases with the size of a solar installation, the atlas also presents for each jurisdiction the number of potential solar projects by size as well as the total rooftop potential.

The maps in this atlas are best used for identifying the overall spatial patterns of rooftop solar potential. However, they are an incomplete tool for investigating individual sites. This atlas does not contain information on the age or material integrity of rooftops. The usable portion of rooftop may change over time due to changes in shading (tree growth or tall adjacent construction) or roof modification. Those interested in specific rooftops should consult with a qualified professional for an on-site analysis. The data sources and analytical methods used in this atlas are discussed in detail in the appendix.

* See *Bringing Solar Energy to Los Angeles* at (luskin.ucla.edu/publications) authored by the UCLA Luskin Center and commissioned by the Los Angeles Business Council.

** See the *Los Angeles County Solar Map* at (solarmap.lacounty.gov).

*** This atlas assumes that roofs that have solar potential but cannot currently support solar because of old age or poor quality will be replaced in 10 to 15 years under a standard capital maintenance program.

C O N T E N T S

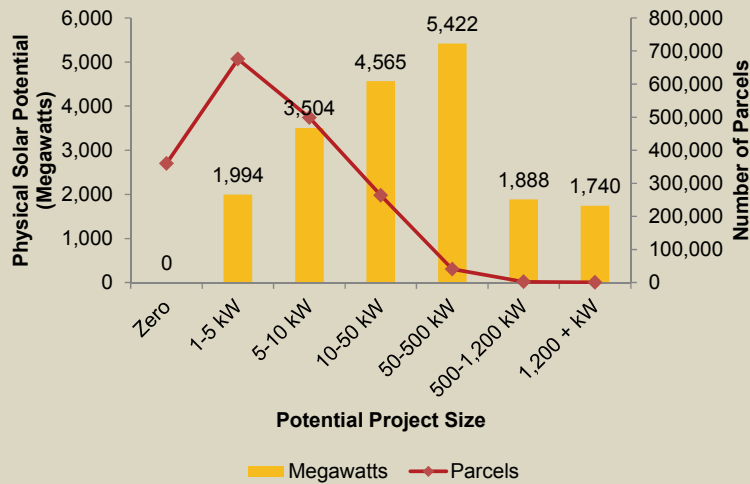


LOS ANGELES COUNTY	05	District 8	53
CITIES AND ZONES		District 9	55
Los Angeles	07	District 10	57
Enterprise Zones of Los Angeles	09	District 11	59
Carson	11	District 12	61
Commerce	13	District 13	63
Downey	15	District 14	65
Gardena	17	District 15	67
Industry	19		
La Mirada	21	UTILITIES	
Lancaster	23	Azusa Light & Power Service	69
Long Beach	25	Burbank Water & Power Service	71
Palmdale	27	Cerritos Electric Utility Service	73
Pomona	29	Glendale Water & Power Service	75
Santa Clarita	31	Pasadena Water & Power Service	77
Santa Fe Springs	33	Southern California Edison	79
Torrance	35	Vernon Light & Power Service	81
West Covina	37		
		LOS ANGELES COUNTY SUPERVISORIAL DISTRICTS	
LOS ANGELES CITY COUNCIL DISTRICTS		District 1	83
District 1	39	District 2	85
District 2	41	District 3	87
District 3	43	District 4	89
District 4	45	District 5	91
District 5	47		
District 6	49	LUSKIN CENTER FOR INNOVATION, INITIATIVES	92
District 7	51	APPENDIX	93

Solar Statistics of the County of Los Angeles

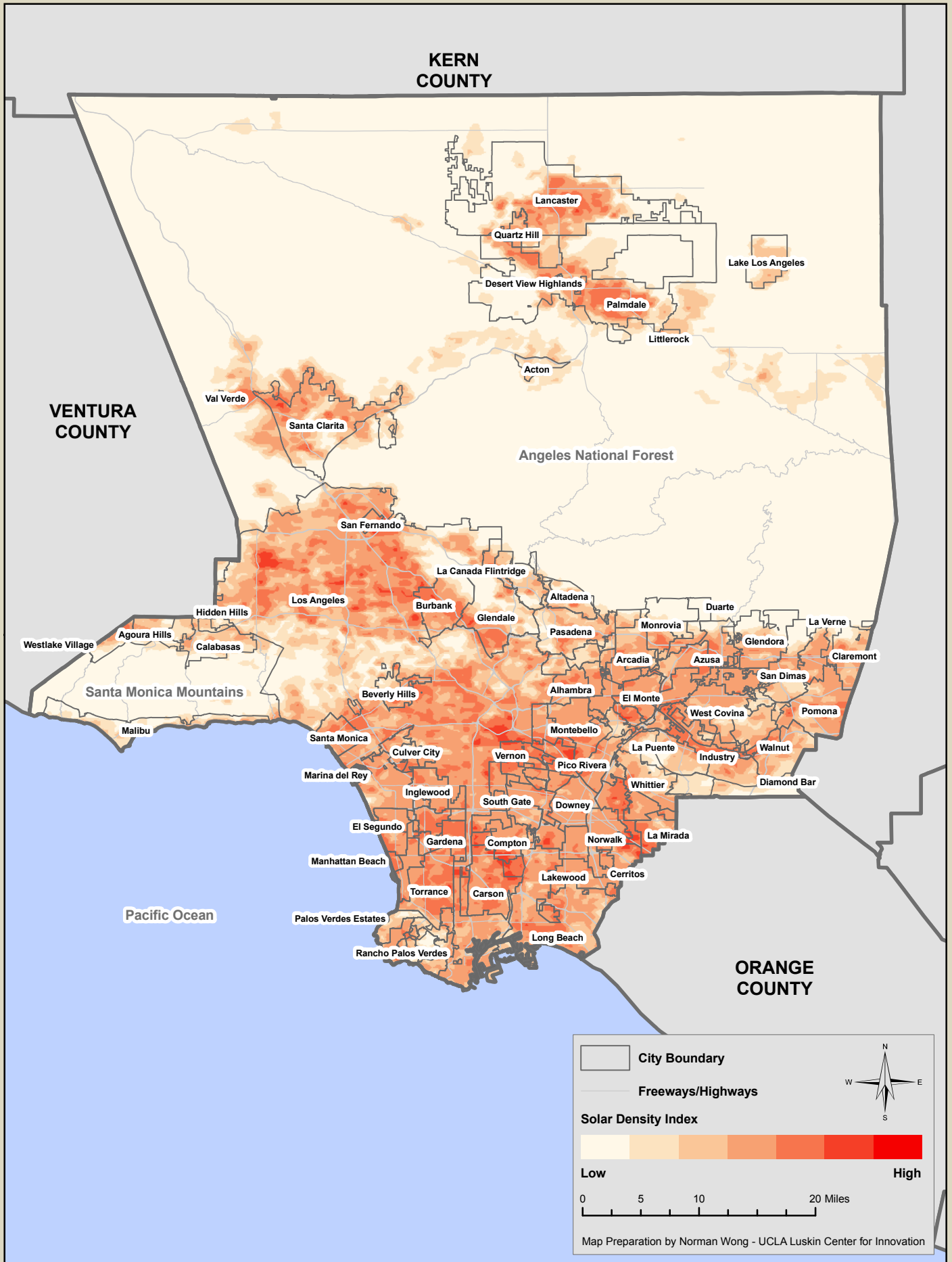
Area	4,084.0 square miles		
Population	10,438,971 (2009 estimate)		
Total Potential Sites	1,481,814		
Commercial & Industrial	6.9%	Median Rooftop Availability	17.6%
Multi-family	15.4%	Median Potential of Parcels	4.1 Kilowatts
Single Family	77.1%	Median Solar Density Index	9.3%
Government or Non-profit	0.6%	Total Rooftop Solar Potential	19,113 Megawatts

County of Los Angeles: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in the County of Los Angeles				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	7,340	21749 Baker Pkwy	91748	Warehousing, Distribution, Storage
2	7,201	15541 Gale Ave	91745	Warehousing, Distribution, Storage
3	7,097	2825 E Avenue P	93550	Heavy Manufacturing
4	6,987	300 Westmont Dr	90731	Warehousing, Distribution, Storage
5	6,933	20005 Business Pkwy	91789	Warehousing, Distribution, Storage
6	6,912	1601 W Mission Blvd	91766	Warehousing, Distribution, Storage
7	6,706	5300 Sheila St	90040	Food Processing Plants
8	6,296	3880 N Mission Rd	90031	Warehousing, Distribution, Storage
9	6,202	19700 Van Ness Ave	90501	Warehousing, Distribution, Storage
10	5,979	12520 Slauson Ave	90670	Warehousing, Distribution, Storage
11	5,931	21535 Baker Pkwy	91748	Warehousing, Distribution, Storage
12	5,552	13500 Foster Rd	90670	Warehousing, Distribution, Storage
13	5,444	21508 Ferrero	91789	Warehousing, Distribution, Storage
14	5,293	15930 Valley Blvd	91744	Warehousing, Distribution, Storage
15	5,279	9630 Norwalk Blvd	90670	Warehousing, Distribution, Storage
16	5,263	5305 Rivergrade Rd	91706	Warehousing, Distribution, Storage
17	5,170	2400 Yates Ave	90040	Heavy Manufacturing
18	5,125	9400 Santa Fe Springs Rd	90670	Warehousing, Distribution, Storage
19	5,105	13060 Temple Ave	91746	Light Manufacturing
20	5,081	700 Van Ness Ave	90501	Office Buildings

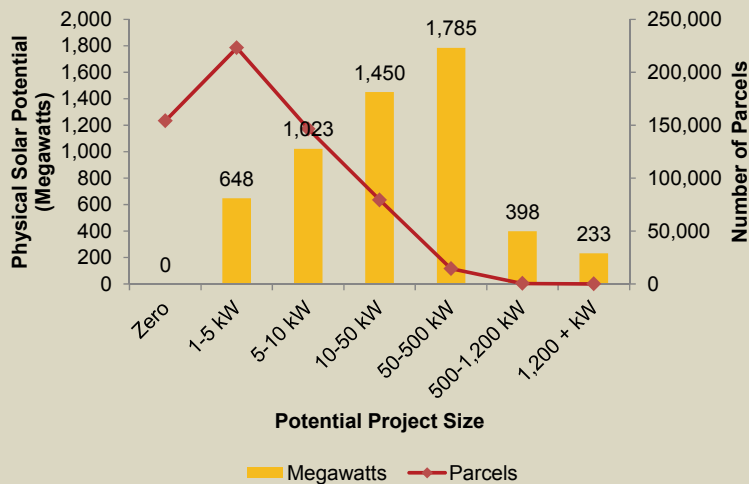
Rooftop Solar Potential of Los Angeles County



Solar Statistics of the City of Los Angeles

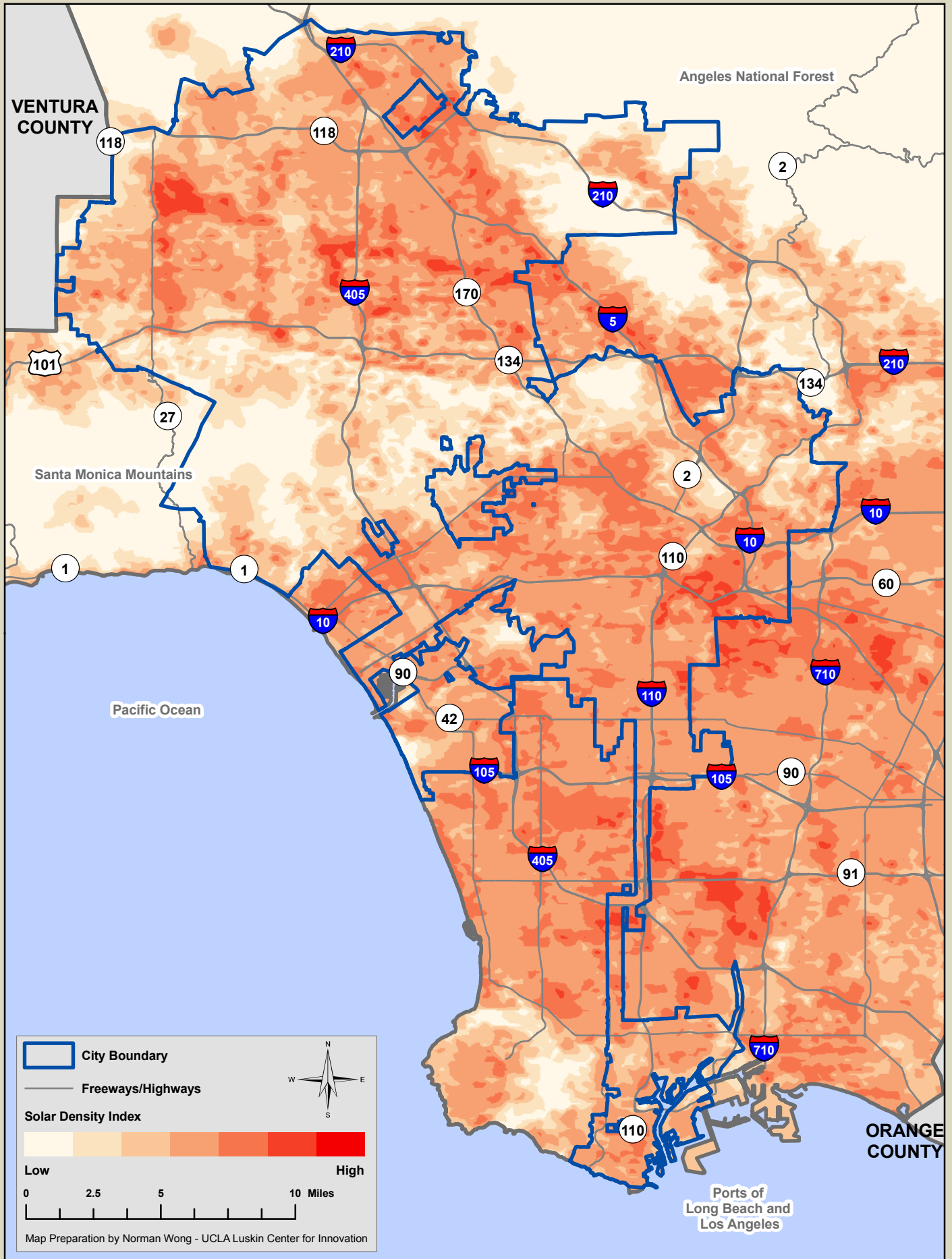
Area	484.3 square miles		
Population	4,003,500 (2009 estimate)		
Total Potential Sites	464,325		
Commercial & Industrial	8.2%	Median Rooftop Availability	14.5%
Multi-family	20.9%	Median Potential of Parcels	3.6 Kilowatts
Single Family	70.1%	Median Solar Density Index	8.2%
Government or Non-profit	0.8%	Total Rooftop Solar Potential	5,536 Megawatts

City of Los Angeles: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in the City of Los Angeles				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	6,987	300 Westmont Dr	90731	Warehousing, Distribution, Storage
2	6,296	3880 N Mission Rd	90031	Warehousing, Distribution, Storage
3	4,797	400 Westmont Dr	90731	Warehousing, Distribution, Storage
4	4,524	20525 Nordhoff St	91311	Light Manufacturing
5	4,402	2501 S Alameda St	90058	Warehousing, Distribution, Storage
6	3,771	4544 Colorado Blvd	90039	Light Manufacturing
7	3,629	1800 N Main St	90031	Warehousing, Distribution, Storage
8	3,597	5500 Canoga Ave	91367	Heavy Manufacturing
9	3,596	20333 Normandie Ave	90502	Food Processing Plants
10	3,366	8500 Balboa Blvd	91406	Heavy Manufacturing
11	3,351	6600 Topanga Canyon Blvd	91303	Shopping Centers (Regional)
12	3,313	401 Westmont Dr	90731	Warehousing, Distribution, Storage
13	3,052	9301 Tampa Ave	91324	Shopping Centers (Regional)
14	2,982	2275 W 25th St	90018	Mobile Home Parks
15	2,806	11428 Sherman Way	91605	Warehousing, Distribution, Storage
16	2,703	3820 Union Pacific Ave	90023	Heavy Manufacturing
17	2,693	1601 E Olympic Blvd	90021	Warehousing, Distribution, Storage
18	2,673	9120 Mason Ave	91311	Light Manufacturing
19	2,672	12745 Arroyo St	91342	Light Manufacturing
20	2,588	13031 W Jefferson Blvd	90066	Government Parcel

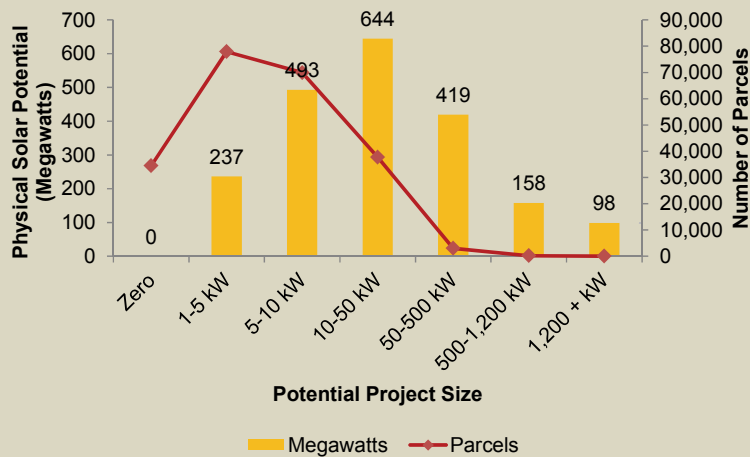
Rooftop Solar Potential of the City of Los Angeles



Solar Statistics of the Unincorporated Areas of Los Angeles County

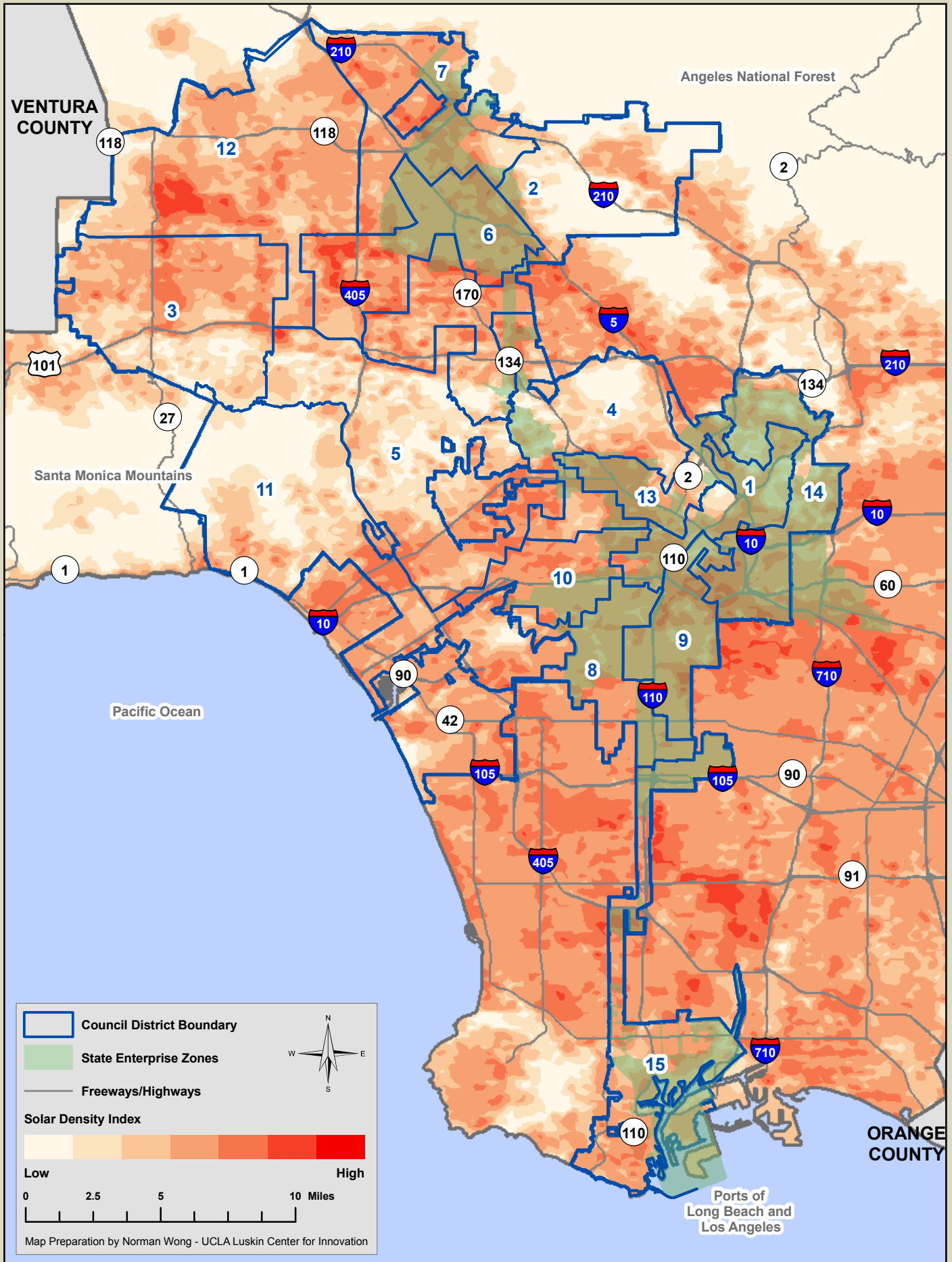
Area	2,638.5 square miles		
Population	1,095,276 (2009 estimate)		
Total Potential Sites	188,868		
Commercial & Industrial	3.9%	Median Rooftop Availability	21.0%
Multi-family	11.3%	Median Potential of Parcels	4.8 Kilowatts
Single Family	84.4%	Median Solar Density Index	9.0%
Government or Non-profit	0.4%	Total Rooftop Solar Potential	2,049 Megawatts

**Unincorporated Areas of Los Angeles County:
Megawatts of Rooftop Solar Potential by Project Size**



Parcels with the Largest Potential Solar Projects in Unincorporated Areas				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	7,097	2825 E Avenue P	93550	Heavy Manufacturing
2	4,247	1065 Lomita Blvd	90710	Mobile Home Parks
3	3,751	1441 Paso Real Ave	91748	Mobile Home Parks
4	3,468	13085 Temple Ave	91746	Warehousing, Distribution, Storage
5	3,411	19801 S Santa Fe Ave	90221	Warehousing, Distribution, Storage
6	3,366	4500 Via Marina	90292	Five or more apartments
7	2,868	3900 Lankershim Blvd	90068	Heavy Manufacturing
8	2,399	3015 E Ana St	90221	Light Manufacturing
9	2,099	48303 20th St W	93534	Mobile Home Parks
10	2,051	19914 S Via Baron	90220	Light Manufacturing
11	2,018	13344 S Main St	90061	Light Manufacturing
12	1,954	33105 Santiago Rd	93510	Condominium
13	1,937	18844 S Laurel Park Rd	90220	Warehousing, Distribution, Storage
14	1,915	24303 Woolsey Canyon Rd	91304	Mobile Home Parks
15	1,875	20100 S Alameda St	90221	Light Manufacturing
16	1,857	2035 E Vista Bella Way	90220	Light Manufacturing
17	1,848	18626 Reyes Ave	90220	Heavy Manufacturing
18	1,830	28945 Avenue Williams	91355	Warehousing, Distribution, Storage
19	1,816	1965 E Vista Bella Way	90220	Light Manufacturing
20	1,813	3900 Lankershim Blvd	90068	Heavy Manufacturing

Rooftop Solar Potential of State Enterprise Zones of Los Angeles

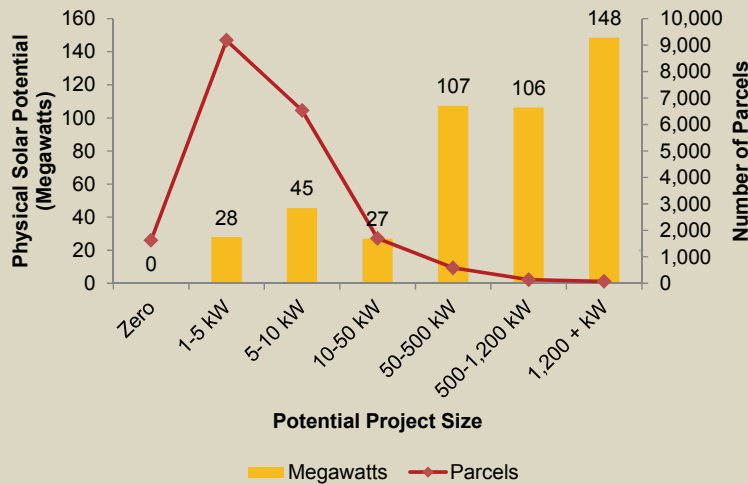


Solar Statistics of Carson, California

Area 18.0 square miles
 Population 98,047 (2009 estimate)

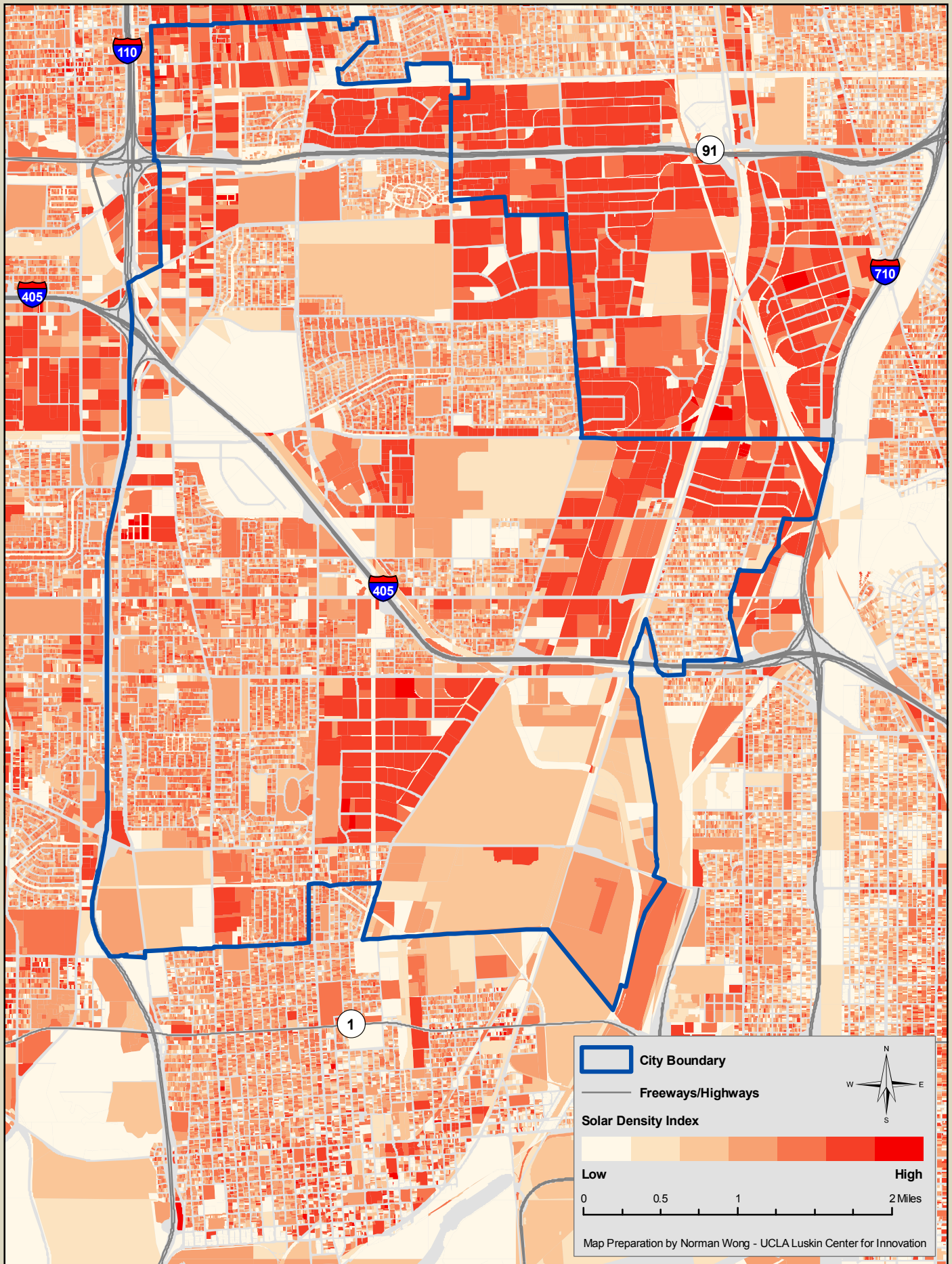
Total Potential Sites	18,204		
Commercial & Industrial	6.7%	Median Rooftop Availability	22.7%
Multi-family	3.4%	Median Potential of Parcels	4.6 Kilowatts
Single Family	89.6%	Median Solar Density Index	13.1%
Government or Non-profit	0.3%	Total Rooftop Solar Potential	462 Megawatts

Carson: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Carson				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	4,734	2201 E Carson St	90810	Warehousing, Distribution, Storage
2	4,301	2417 E Carson St	90810	Warehousing, Distribution, Storage
3	3,878	1501 E Victoria St	90746	Warehousing, Distribution, Storage
4	3,329	17700 Avalon Blvd	90746	Mobile Home Parks
5	3,287	17701 Avalon Blvd	90746	Mobile Home Parks
6	3,282	1371 Charles Willard St	90747	Warehousing, Distribution, Storage
7	3,098	1650 Glenn Curtiss St	90220	Warehousing, Distribution, Storage
8	2,950	23000 Avalon Blvd	90745	Warehousing, Distribution, Storage
9	2,616	2220 E Carson St	90810	Warehousing, Distribution, Storage
10	2,569	20642 S Fordyce Ave	90810	Light Manufacturing
11	2,555	23914 S Alameda St	90810	Mineral Processing
12	2,545	22351 Wilmington Ave	90745	Warehousing, Distribution, Storage
13	2,540	268 E Gardena Blvd	90247	Warehousing, Distribution, Storage
14	2,515	18120 Bishop Ave	90746	Warehousing, Distribution, Storage
15	2,490	1118 E 223rd St	90745	Light Manufacturing
16	2,394	20600 S Alameda St	90810	Warehousing, Distribution, Storage
17	2,341	771 E Watson Center Rd	90745	Warehousing, Distribution, Storage
18	2,335	2001 E Dominguez St	90810	Light Manufacturing
19	2,319	2850 E Del Amo Bl	90810	Heavy Manufacturing
20	2,271	2751 E Dominguez St	90810	Warehousing, Distribution, Storage

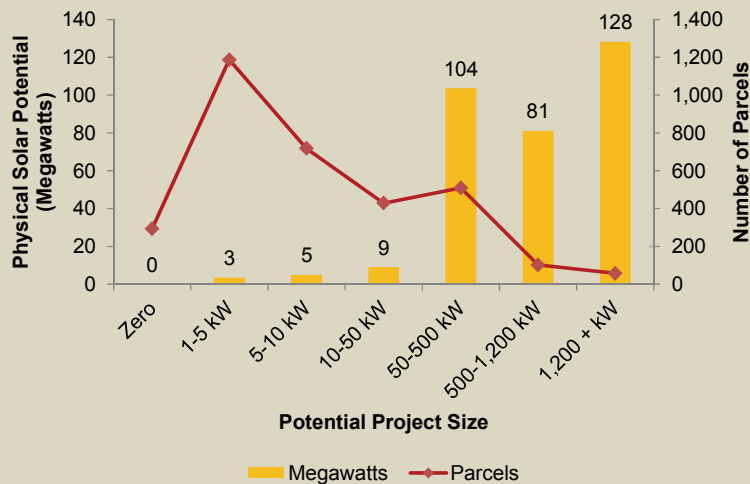
Rooftop Solar Potential of Carson, California



Solar Statistics of Commerce, California

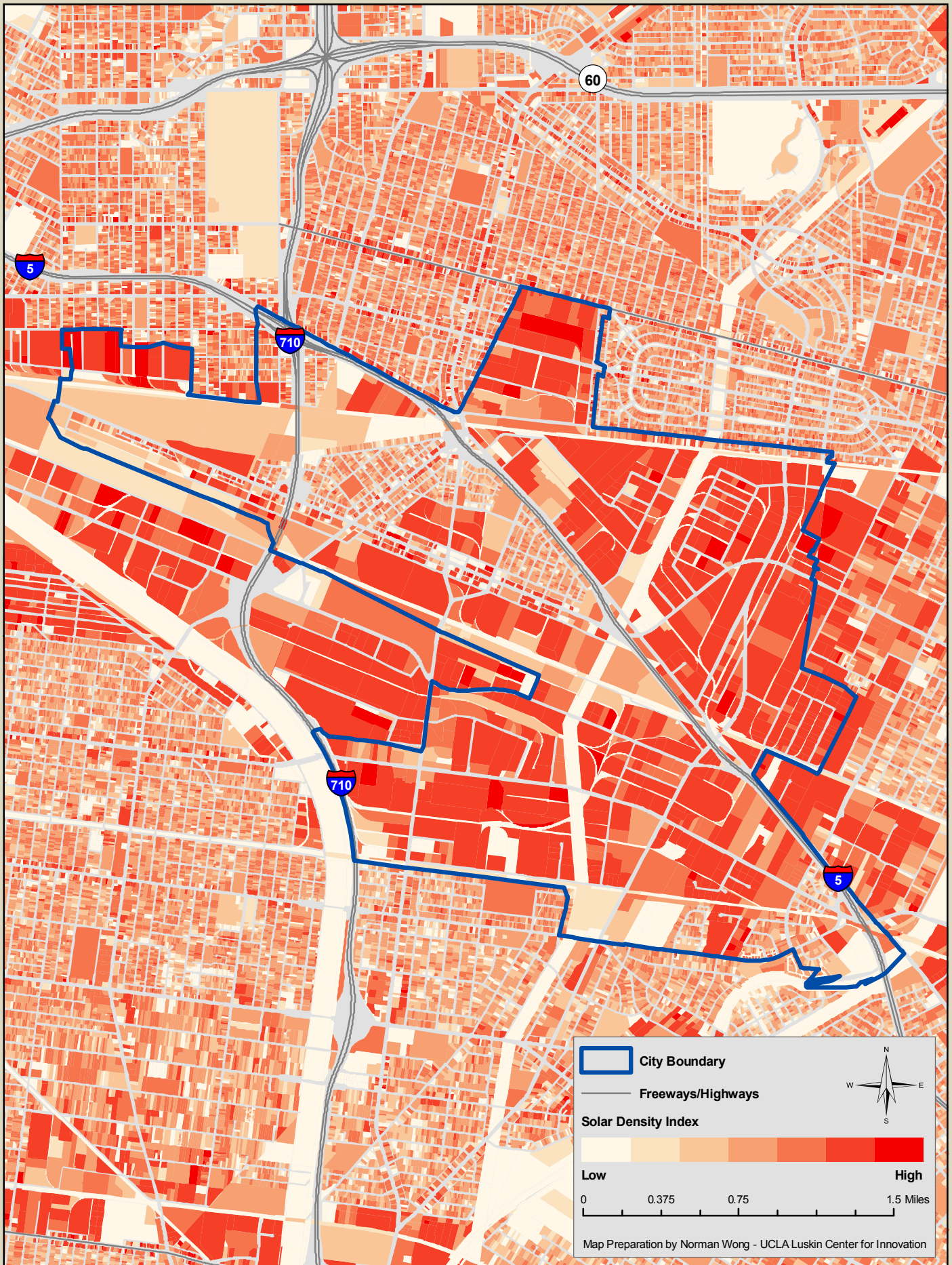
Area	6.6 square miles		
Population	13,581 (2009 estimate)		
Total Potential Sites	3,002		
Commercial & Industrial	35.4%	Median Rooftop Availability	25.2%
Multi-family	16.3%	Median Potential of Parcels	5.5 Kilowatts
Single Family	48.1%	Median Solar Density Index	16.2%
Government or Non-profit	0.3%	Total Rooftop Solar Potential	330 Megawatts

Commerce: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Commerce				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	6,706	5300 Sheila St	90040	Food Processing Plants
2	5,170	2400 Yates Ave	90040	Heavy Manufacturing
3	4,903	3300 Garfield Ave	90040	Heavy Manufacturing
4	4,349	6203 Randolph St	90040	Warehousing, Distribution, Storage
5	4,347	5500 Sheila St	90040	Warehousing, Distribution, Storage
6	4,287	5556 Grace Place	90022	Warehousing, Distribution, Storage
7	3,523	2353 Garfield Ave	90040	Warehousing, Distribution, Storage
8	3,415	5800 E Slauson Ave	90040	Warehousing, Distribution, Storage
9	3,232	4900 Alexander St	90040	Warehousing, Distribution, Storage
10	3,166	2620 Commerce Way	90040	Warehousing, Distribution, Storage
11	2,891	5777 Smithway St	90040	Warehousing, Distribution, Storage
12	2,824	5849 S Eastern Ave	90040	Warehousing, Distribution, Storage
13	2,746	4000 Union Pacific Ave	90023	Warehousing, Distribution, Storage
14	2,725	4950 Triggs St	90022	Warehousing, Distribution, Storage
15	2,712	4901 Alexander St	90040	Warehousing, Distribution, Storage
16	2,468	2600 Garfield Ave	90040	Warehousing, Distribution, Storage
17	2,412	4000 Union Pacific Ave	90023	Warehousing, Distribution, Storage
18	2,409	3900 Union Pacific Ave	90023	Warehousing, Distribution, Storage
19	2,380	5600 E Olympic Blvd	90022	Warehousing, Distribution, Storage
20	2,374	5710 Peachtree St	90040	Warehousing, Distribution, Storage

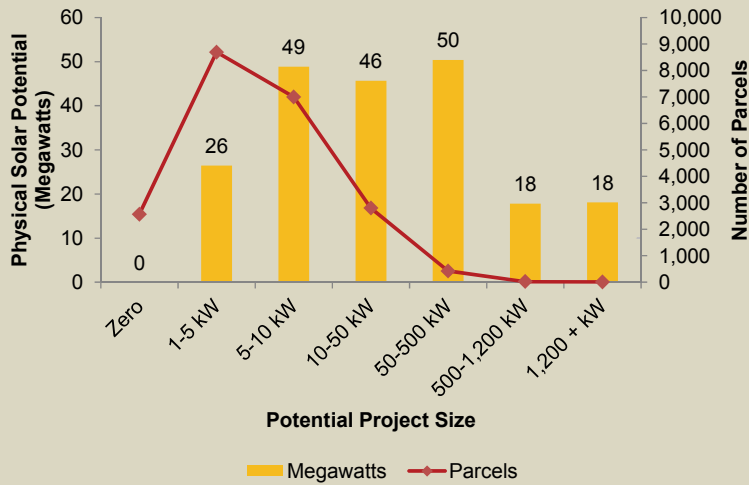
Rooftop Solar Potential of Commerce, California



Solar Statistics of Downey, California

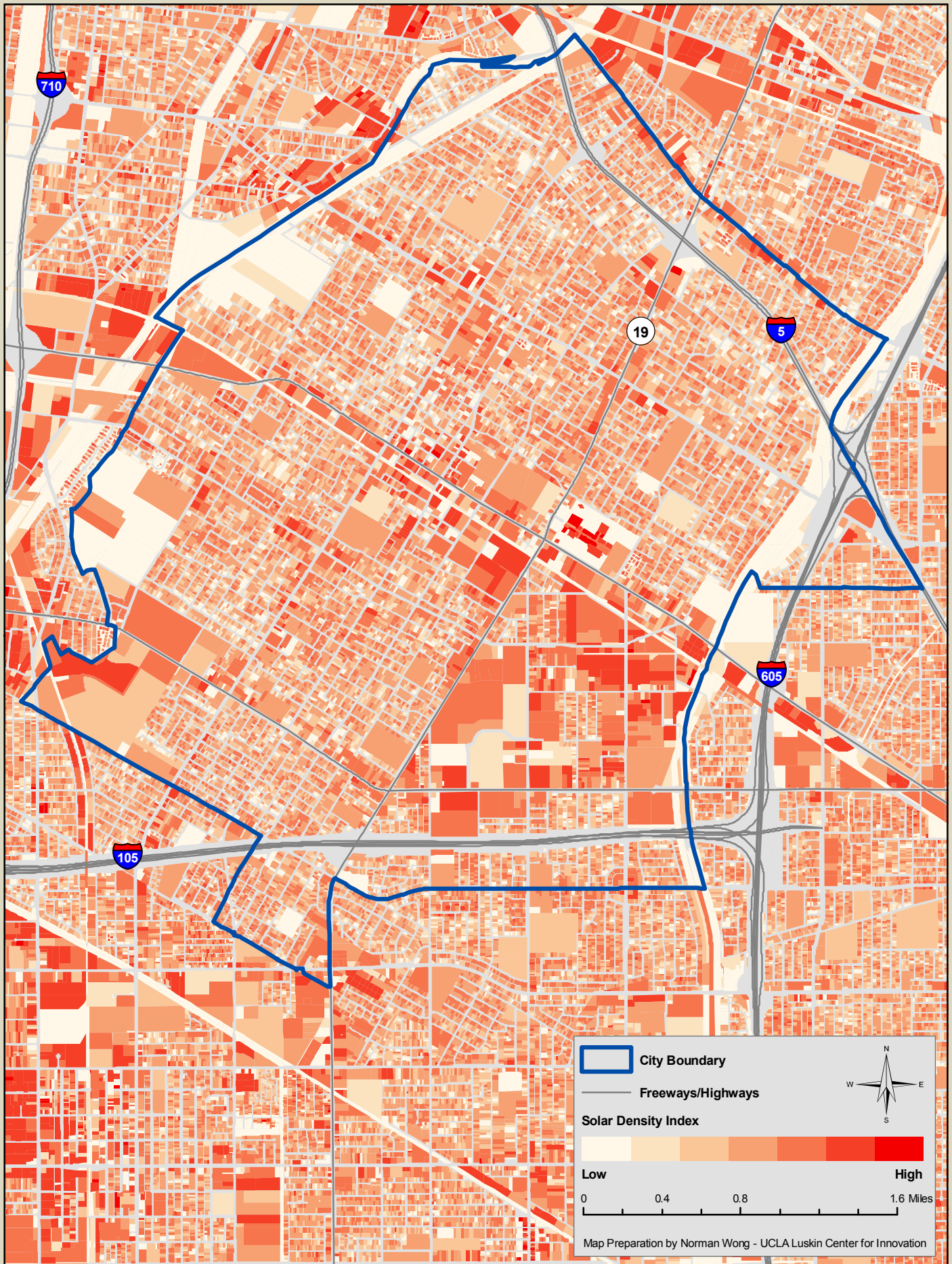
Area	12.0 square miles		
Population	113,715 (2009 estimate)		
Total Potential Sites	18,940		
Commercial & Industrial	4.6%	Median Rooftop Availability	20.1%
Multi-family	11.0%	Median Potential of Parcels	4.8 Kilowatts
Single Family	84.0%	Median Solar Density Index	10.6%
Government or Non-profit	0.5%	Total Rooftop Solar Potential	207 Megawatts

Downey: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Downey				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	4,116	7500 Amigos Ave	90242	Warehousing, Distribution, Storage
2	3,004	12214 Lakewood Ave	90242	Motion Picture, Radio & Television
3	2,213	11929 Woodruff Ave	90241	Warehousing, Distribution, Storage
4	1,977	11445 Lakewood Blvd	90241	Warehousing, Distribution, Storage
5	1,872	11536 Patton Rd	90241	Food Processing Plants
6	1,717	7201 Firestone Blvd	90241	Department Stores
7	1,677	12000 Woodruff Ave	90241	Warehousing, Distribution, Storage
8	1,561	12830 Clark Ave	90242	Office Buildings
9	1,163	9151 Imperial Hwy	90242	Heavy Manufacturing
10	1,128	7121 Firestone Blvd	90241	Stores
11	1,024	12808 Woodruff Ave	90242	Churches
12	1,013	7300 Flores St	90242	Warehousing, Distribution, Storage
13	1,009	10000 Imperial Hwy	90242	Five or more apartments
14	940	12500 Bellflower Blvd	90242	Light Manufacturing
15	924	7700 Imperial Hwy	90242	Government Parcel
16	901	9350 Hall Rd	90241	Heavy Manufacturing
17	834	11111 Florence Ave	90241	Department Stores
18	812	12050 Lakewood Blvd	90242	Shopping Centers (Neighborhood, community)
19	778	12021 Woodruff Ave	90241	Heavy Manufacturing
20	748	100 Stonewood St	90241	Shopping Centers (Regional)

Rooftop Solar Potential of Downey, California

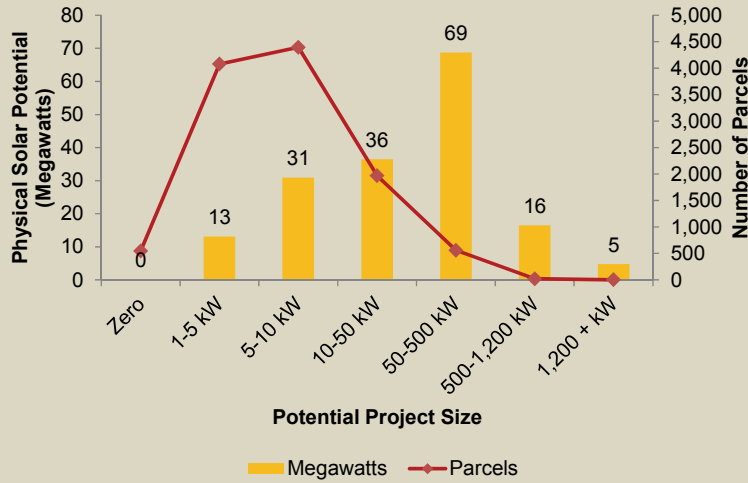


Solar Statistics of Gardena, California

Area 5.0 square miles
 Population 61,927 (2009 estimate)

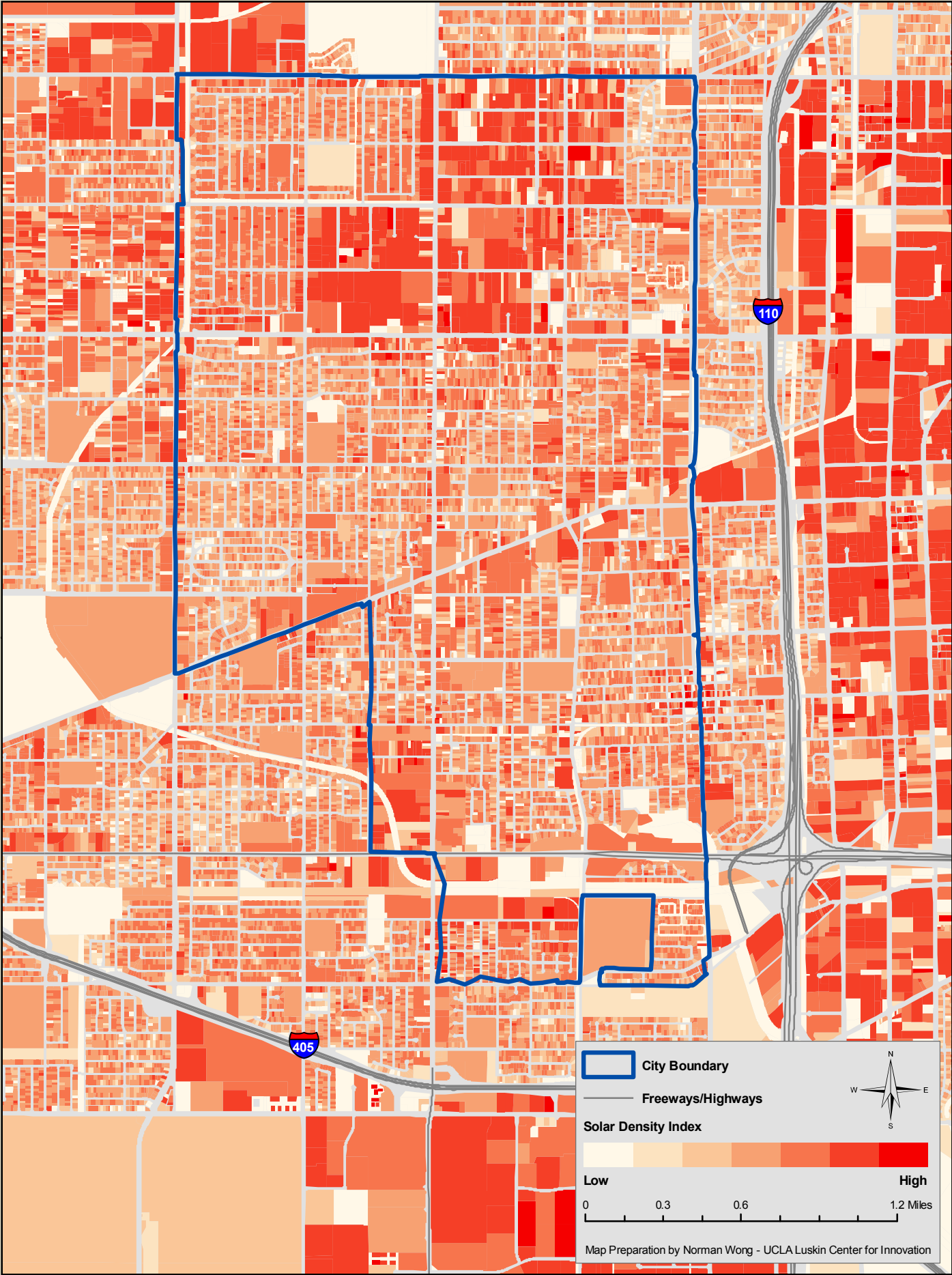
Total Potential Sites	11,020		
Commercial & Industrial	11.1%	Median Rooftop Availability	25.8%
Multi-family	16.4%	Median Potential of Parcels	6.0 Kilowatts
Single Family	71.8%	Median Solar Density Index	15.4%
Government or Non-profit	0.7%	Total Rooftop Solar Potential	171 Megawatts

Gardena: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Gardena				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	1,850	1855 W 139th St	90249	Light Manufacturing
2	1,669	17111 S Western Ave	90247	Light Manufacturing
3	1,245	2001 W Rosecrans Ave	90249	Warehousing, Distribution, Storage
4	971	13720 S Western Ave	90249	Light Manufacturing
5	961	1600 W 135th St	90249	Light Manufacturing
6	953	2010 W 139th St	90249	Light Manufacturing
7	908	1970 W 139th St	90249	Light Manufacturing
8	882	1930 W 139th St	90249	Light Manufacturing
9	878	1639 W Rosecrans Ave	90249	Light Manufacturing
10	858	2169 W Redondo Beach Blvd	90247	Department Stores
11	846	1515 W 178th St	90248	Heavy Manufacturing
12	822	13605 Cimarron Ave	90249	Warehousing, Distribution, Storage
13	819	13210 S Normandie Ave	90249	Light Manufacturing
14	761	2140 W 139th St	90249	Light Manufacturing
15	720	1812 W 135th St	90249	Warehousing, Distribution, Storage
16	710	13999 S Western Ave	90249	Department Stores
17	647	2100 W 139th St	90249	Light Manufacturing
18	647	2001 W Rosecrans Ave	90249	Food Processing Plants
19	642	1600 W 135th St	90249	Light Manufacturing
20	639	16907 S Normandie Ave	90247	Food Processing Plants

Rooftop Solar Potential of Gardena, California



Solar Statistics of Industry, California

Area 12.0 square miles
 Population 803 (2009 estimate)

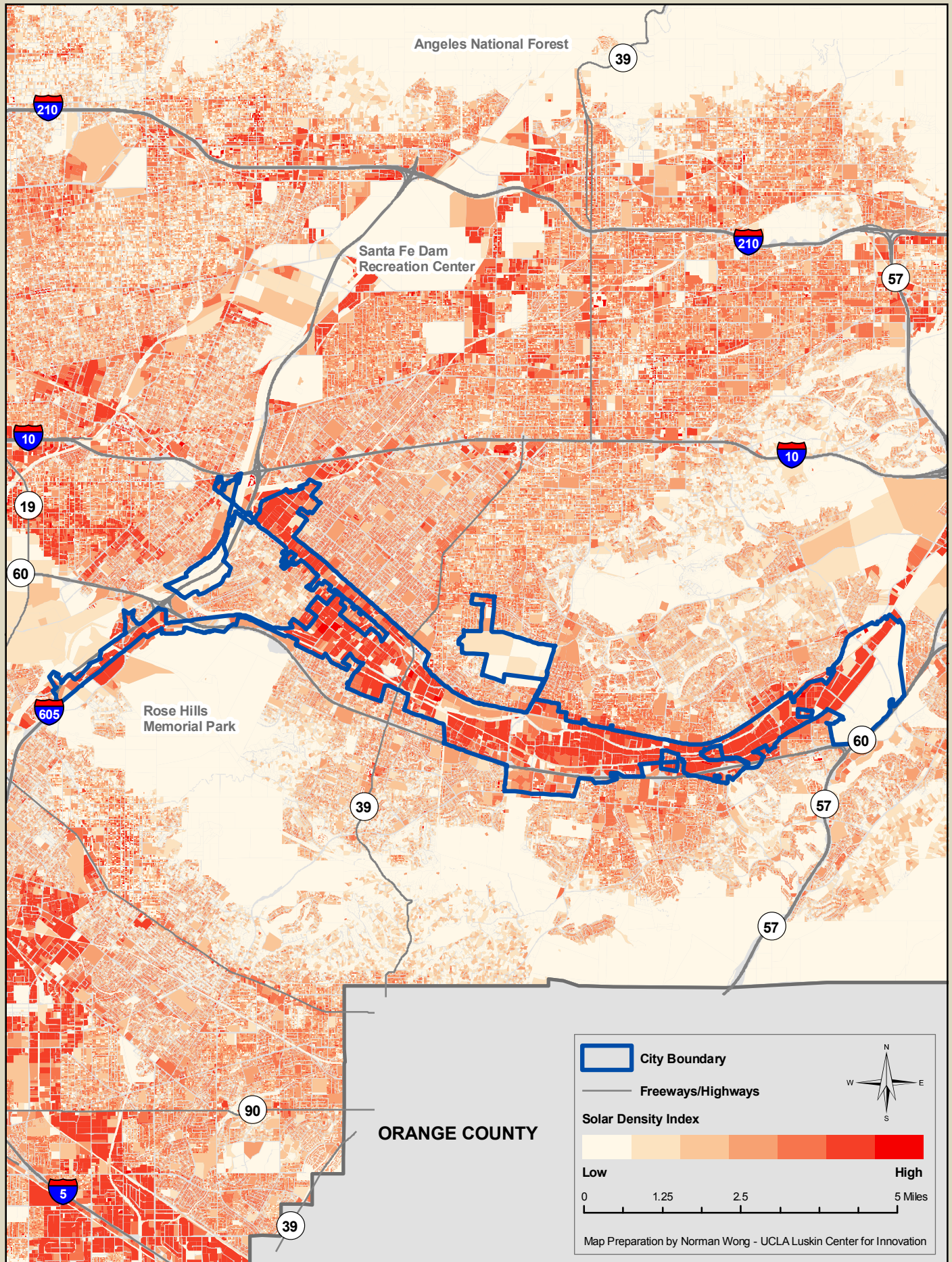
Total Potential Sites	1,052		
Commercial & Industrial	97.8%	Median Rooftop Availability	63.8%
Multi-family	0.3%	Median Potential of Parcels	192.8 Kilowatts
Single Family	1.3%	Median Solar Density Index	45.8%
Government or Non-profit	0.6%	Total Rooftop Solar Potential	532 Megawatts

Industry: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Industry				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	7,340	21749 Baker Pkwy	91748	Warehousing, Distribution, Storage
2	7,201	15541 Gale Ave	91745	Warehousing, Distribution, Storage
3	6,933	20005 Business Pkwy	91789	Warehousing, Distribution, Storage
4	5,931	21535 Baker Pkwy	91748	Warehousing, Distribution, Storage
5	5,444	21508 Ferrero	91789	Warehousing, Distribution, Storage
6	5,293	15930 Valley Blvd	91744	Warehousing, Distribution, Storage
7	5,105	13060 Temple Ave	91746	Light Manufacturing
8	4,586	20300 Business Pkwy	91789	Warehousing, Distribution, Storage
9	4,231	288 S Mayo Ave	91789	Warehousing, Distribution, Storage
10	4,022	19301 E Walnut Dr N	91748	Warehousing, Distribution, Storage
11	3,940	20701 Currier Rd	91789	Warehousing, Distribution, Storage
12	3,829	408 Brea Canyon Rd	91789	Warehousing, Distribution, Storage
13	3,670	13000 Temple Ave	91746	Food Processing Plants
14	3,366	19635 E Walnut Dr N	91789	Warehousing, Distribution, Storage
15	3,315	14317 Don Julian Rd	91746	Warehousing, Distribution, Storage
16	3,305	15421 E Gale Ave	91715	Heavy Manufacturing
17	3,217	16639 Gale Ave	91745	Warehousing, Distribution, Storage
18	3,201	18215 Rowland St	91748	Warehousing, Distribution, Storage
19	3,183	21415 Baker Pkwy	91748	Warehousing, Distribution, Storage
20	3,179	108 S Mayo Ave	91789	Warehousing, Distribution, Storage

Rooftop Solar Potential of Industry, California

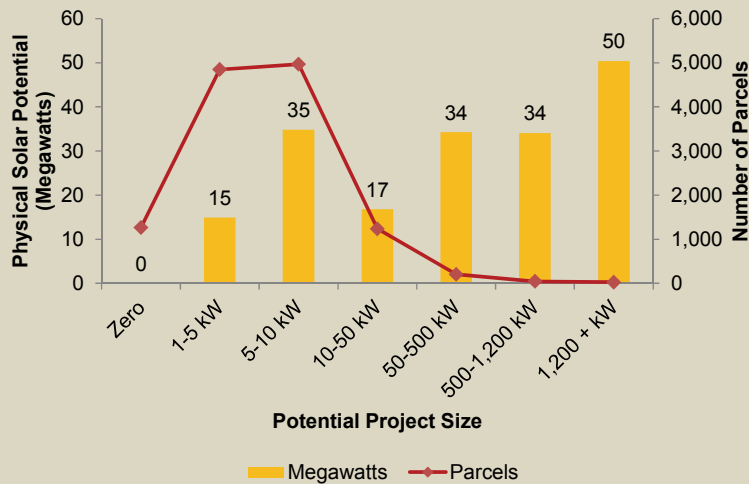


Solar Statistics of La Mirada, California

Area 7.0 square miles
 Population 50,015 (2009 estimate)

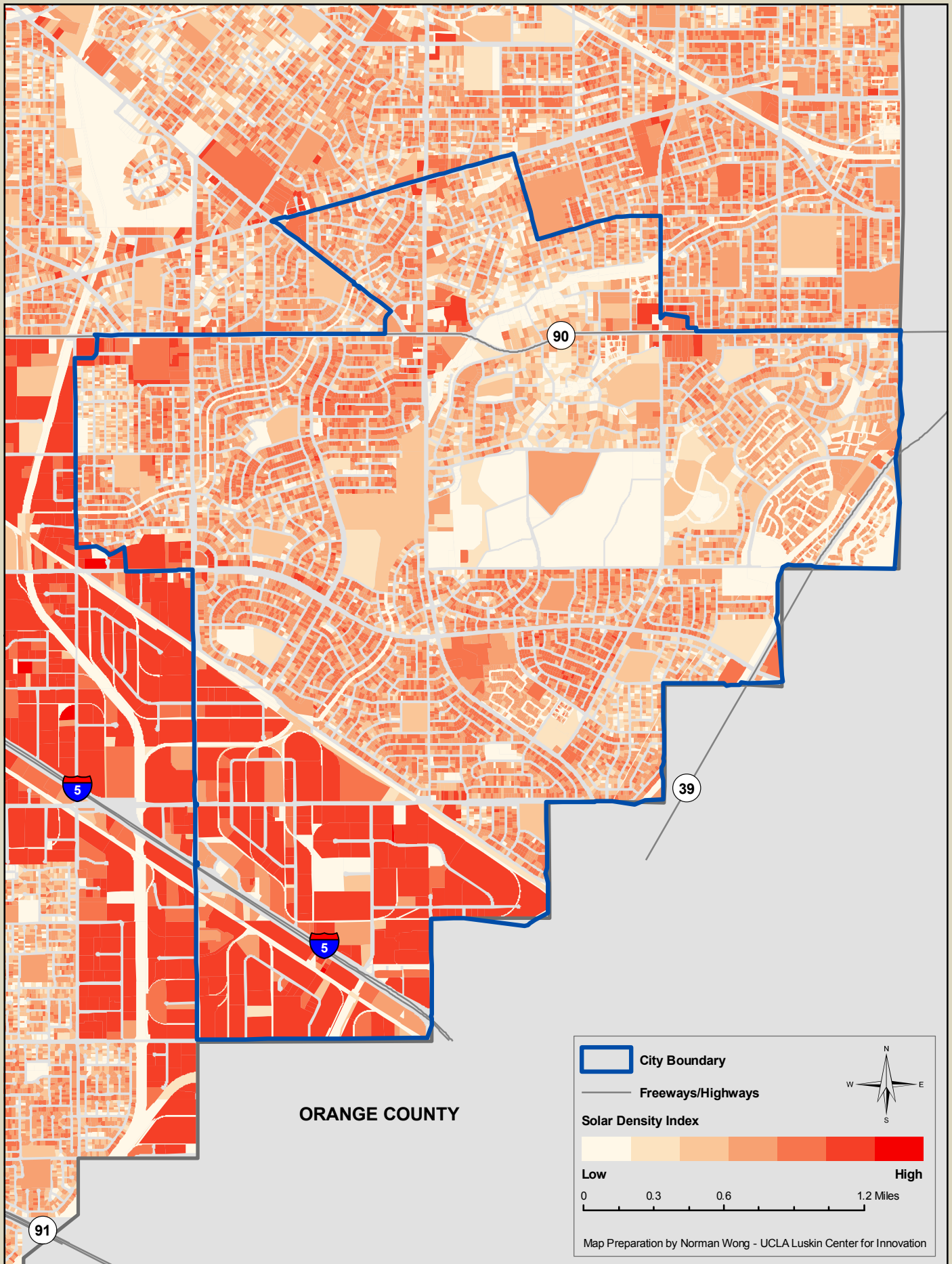
Total Potential Sites	11,318		
Commercial & Industrial	2.7%	Median Rooftop Availability	22.0%
Multi-family	1.2%	Median Potential of Parcels	5.0 Kilowatts
Single Family	95.8%	Median Solar Density Index	11.6%
Government or Non-profit	0.3%	Total Rooftop Solar Potential	185 Megawatts

La Mirada: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in La Mirada				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	3,846	16501 Trojan Way	90638	Warehousing, Distribution, Storage
2	3,565	15155 Northam St	90638	Warehousing, Distribution, Storage
3	2,956	14001 Rosecrans Ave	90638	Warehousing, Distribution, Storage
4	2,420	16400 Knott Ave	90638	Warehousing, Distribution, Storage
5	2,293	14765 Industry Cir	90638	Warehousing, Distribution, Storage
6	2,260	14501 Artesia Blvd	90638	Department Stores
7	2,208	15250 Desman Road	90638	Warehousing, Distribution, Storage
8	1,988	15005 Northam St	90638	Warehousing, Distribution, Storage
9	1,952	14407 Alondra Blvd	90638	Warehousing, Distribution, Storage
10	1,938	16400 Trojan Way	90638	Warehousing, Distribution, Storage
11	1,884	14555 Alondra Blvd	90638	Warehousing, Distribution, Storage
12	1,812	15500 Valley View Ave	90638	Warehousing, Distribution, Storage
13	1,792	15500 Phoebe Ave	90638	Warehousing, Distribution, Storage
14	1,770	14585 Industry Cir	90638	Warehousing, Distribution, Storage
15	1,752	14659 Alondra Blvd	90638	Warehousing, Distribution, Storage
16	1,697	14450 Industry Cir	90638	Warehousing, Distribution, Storage
17	1,695	15910 Valley View Ave	90638	Warehousing, Distribution, Storage
18	1,551	13990 Imperial Hwy	90638	Mobile Home Parks
19	1,544	15300 Valley View Ave	90638	Light Manufacturing
20	1,476	16150 Heron Ave	90638	Warehousing, Distribution, Storage

Rooftop Solar Potential of La Mirada, California

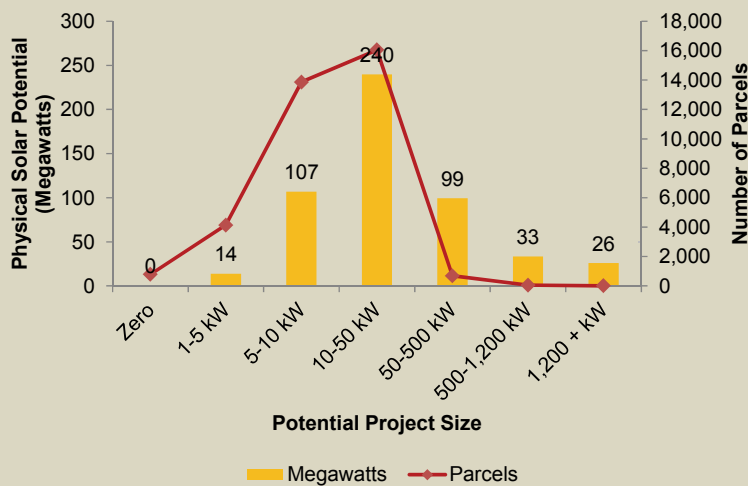


Solar Statistics of Lancaster, California

Area 94.0 square miles
 Population 145,875 (2009 estimate)

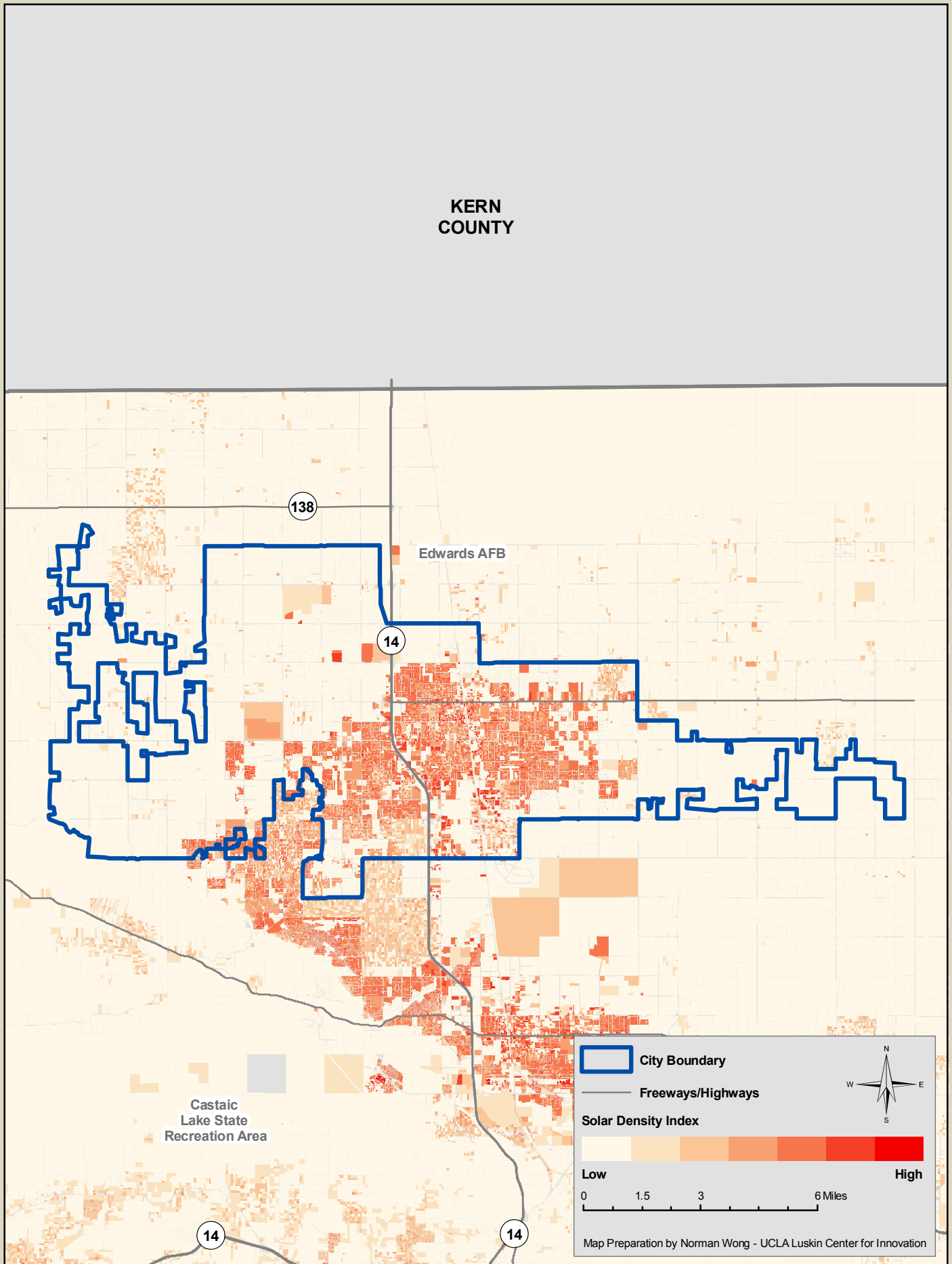
Total Potential Sites	34,790		
Commercial & Industrial	3.7%	Median Rooftop Availability	40.7%
Multi-family	3.0%	Median Potential of Parcels	9.6 Kilowatts
Single Family	93.0%	Median Solar Density Index	19.3%
Government or Non-profit	0.3%	Total Rooftop Solar Potential	519 Megawatts

Lancaster: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Lancaster				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	4,954	1301 E Avenue I	93535	Mobile Home Parks
2	4,547	3501 W Avenue H	93536	Warehousing, Distribution, Storage
3	2,606	2330 E Avenue	93535	Mobile Home Parks
4	2,253	3501 W Avenue H	93536	Warehousing, Distribution, Storage
5	1,814	2121 E Avenue I	93535	Mobile Home Parks
6	1,483	1731 E Avenue J	93535	Department Stores
7	1,439	43120 Venture St	93535	Light Manufacturing
8	1,388	44840 Valley Central Way	93536	Shopping Centers (Neighborhood, community)
9	1,347	730 W Avenue K	93534	Shopping Centers (Neighborhood, community)
10	1,337	1209 E Avenue I	93535	Warehousing, Distribution, Storage
11	1,326	44840 Valley Central Way	93536	Shopping Centers (Neighborhood, community)
12	1,164	44765 Valley Central Way	93536	Shopping Centers (Neighborhood, community)
13	1,088	1333 W Avenue K	93534	Department Stores
14	1,074	4020 E Lancaster Blvd	93535	Churches
15	1,044	1740 E Avenue J	93535	Shopping Centers (Neighborhood, community)
16	1,026	44226 20th St W	93534	Department Stores
17	1,024	43525 10th St W	93534	Shopping Centers (Neighborhood, community)
18	990	46905 47th St W	93536	Warehousing, Distribution, Storage
19	954	176 Country Wide Way	93535	Office Buildings
20	930	44211 10th St W	93534	Shopping Centers (Neighborhood, community)

Rooftop Solar Potential of Lancaster, California

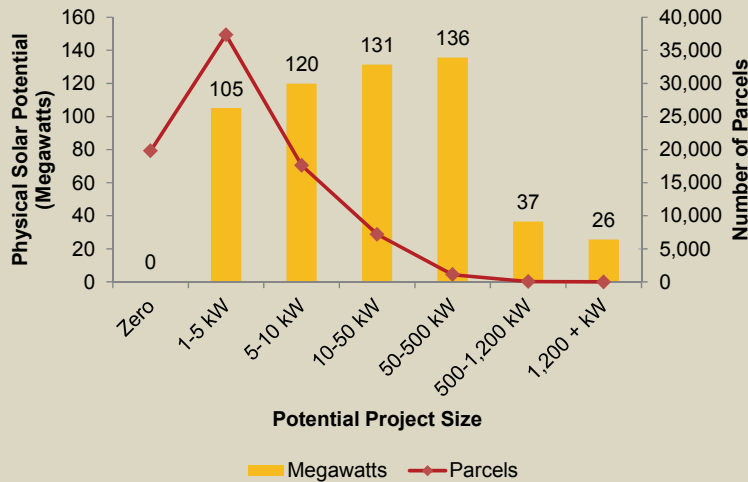


Solar Statistics of Long Beach, California

Area 50.0 square miles
 Population 494,709 (2009 estimate)

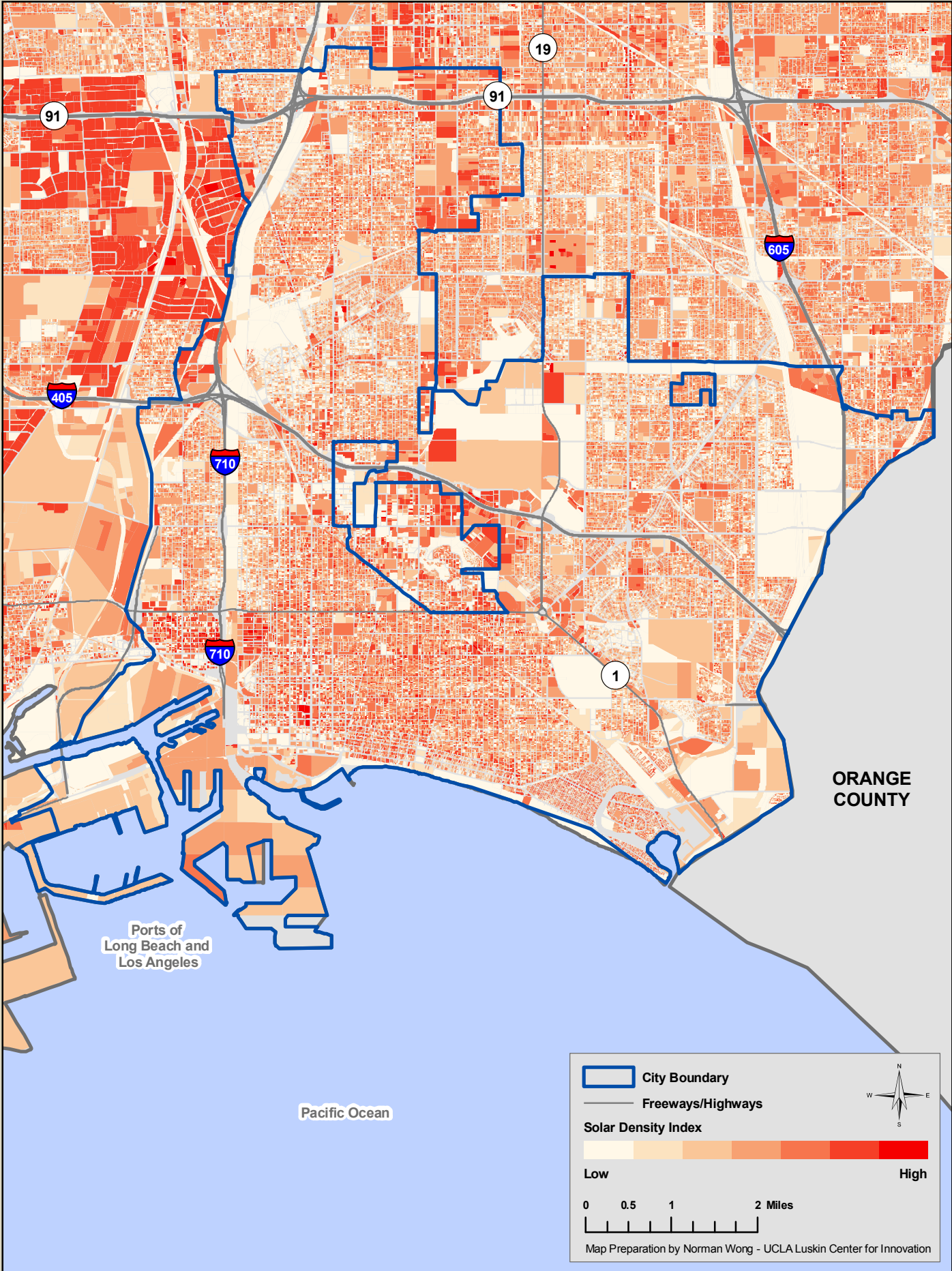
Total Potential Sites	63,312		
Commercial & Industrial	6.7%	Median Rooftop Availability	14.8%
Multi-family	24.2%	Median Potential of Parcels	3.1 Kilowatts
Single Family	68.4%	Median Solar Density Index	8.6%
Government or Non-profit	0.7%	Total Rooftop Solar Potential	554 Megawatts

Long Beach: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Long Beach				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	3,643	2401 E Wardlow Rd	90807	Heavy Manufacturing
2	2,685	4110 Santa Fe Ave	90810	Light Manufacturing
3	2,131	6375 N Paramount Blvd	90805	Heavy Manufacturing
4	2,124	200 S Pine Ave	90802	Government Parcel
5	2,105	5450 N Paramount Blvd	90805	Mobile Home Parks
6	1,998	2200 E Artesia Blvd	90805	Warehousing, Distribution, Storage
7	1,792	3900 Via Oro Ave	90810	Light Manufacturing
8	1,756	3855 N Lakewood Blvd	90846	Heavy Manufacturing
9	1,663	100 W Victoria St	90805	Light Manufacturing
10	1,606	2131 W Willow St	90810	Warehousing, Distribution, Storage
11	1,539	3500 E Willow St	90815	Warehousing, Distribution, Storage
12	1,382	2840 N Bellflower Blvd	90815	Department Stores
13	1,304	2950 Redondo Ave	90806	Utility Commercial
14	1,116	1483 W Via Plata St	90810	Warehousing, Distribution, Storage
15	1,112	5413 N Paramount Blvd	90805	Five or more apartments
16	1,110	1500 W Dominguez St	90810	Warehousing, Distribution, Storage
17	1,092	3703 E South St	90805	Department Stores
18	1,083	151 E 5th St	90802	Shopping Centers (Regional)
19	1,049	2900 N Bellflower Blvd	90815	Shopping Centers (Neighborhood, community)
20	1,047	2250 N Bellflower Blvd	90815	Department Stores

Rooftop Solar Potential of Long Beach, California

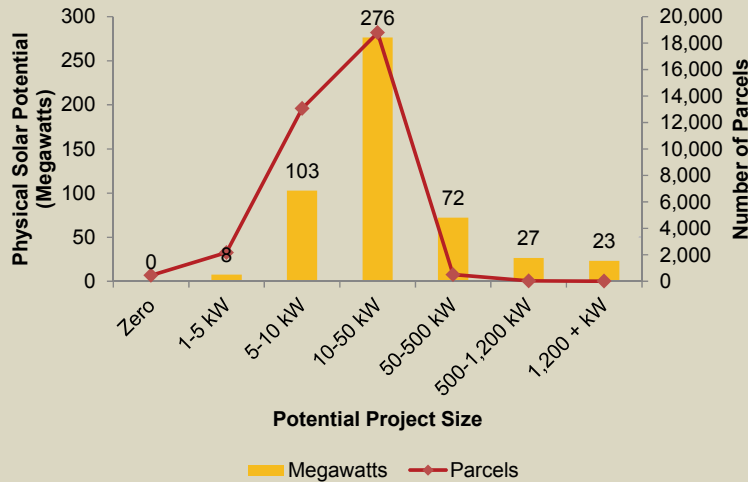


Solar Statistics of Palmdale, California

Area 104.0 square miles
 Population 152,622 (2009 estimate)

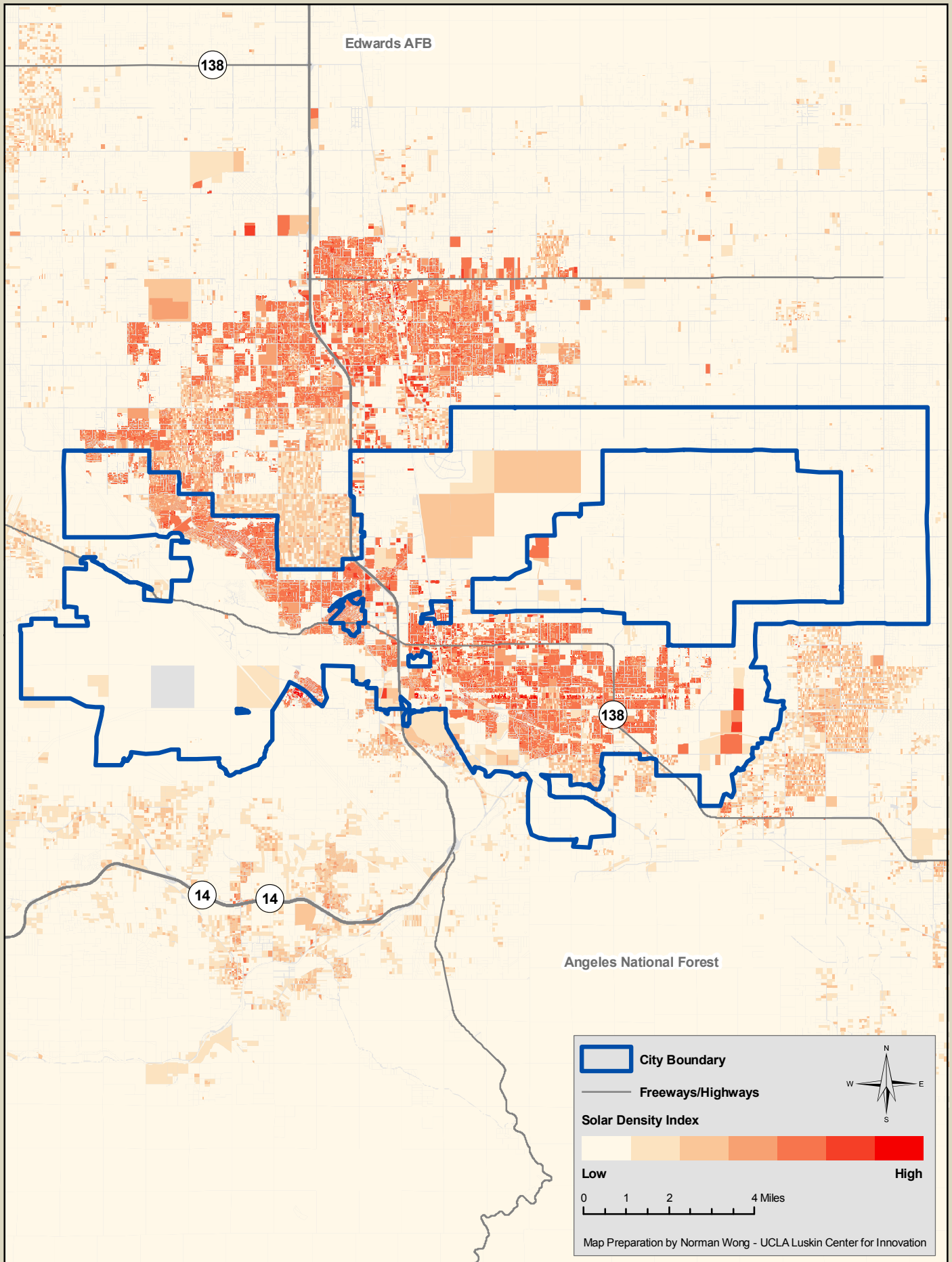
Total Potential Sites	34,569		
Commercial & Industrial	2.0%	Median Rooftop Availability	40.8%
Multi-family	1.7%	Median Potential of Parcels	10.6 Kilowatts
Single Family	96.0%	Median Solar Density Index	21.4%
Government or Non-profit	0.2%	Total Rooftop Solar Potential	509 Megawatts

Palmdale: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Palmdale				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	4,071	40701 Rancho Vista Blvd	93551	Mobile Home Parks
2	2,980	1233 W Avenue P	93551	Shopping Centers (Regional)
3	2,848	1011 Lockheed Way	93599	Light Manufacturing
4	2,250	1030 E Avenue S	93550	Mobile Home Parks
5	2,011	40130 010 Street West	93550	Department Stores
6	1,871	4444 E Avenue R	93552	Mobile Home Parks
7	1,596	3255 E Avenue R	93550	Mobile Home Parks
8	1,465	37140 47th St E	93552	Shopping Centers (Neighborhood, community)
9	1,447	39940 10th St W	93551	Department Stores
10	1,362	39500 Lowes Dr	93551	Department Stores
11	1,303	320 W Rancho Vista Blvd	93551	Shopping Centers (Neighborhood, community)
12	1,189	600 W Technology Dr	93551	Light Manufacturing
13	1,147	340 W Rancho Vista Blvd	93551	Shopping Centers (Neighborhood, community)
14	1,121	2800 Watts Ave	93550	Light Manufacturing
15	1,100	40355 Delta Ln	93551	Heavy Manufacturing
16	1,078	39440 10th St W	93551	Department Stores
17	1,055	1345 W Rancho Vista Blvd	93551	Shopping Centers (Regional)
18	1,041	1240 E Avenue S	93550	Five or more apartments
19	1,032	39626 10th St W	93551	Stores
20	1,018	1131 W Rancho Vista Blvd	93551	Shopping Centers (Regional)

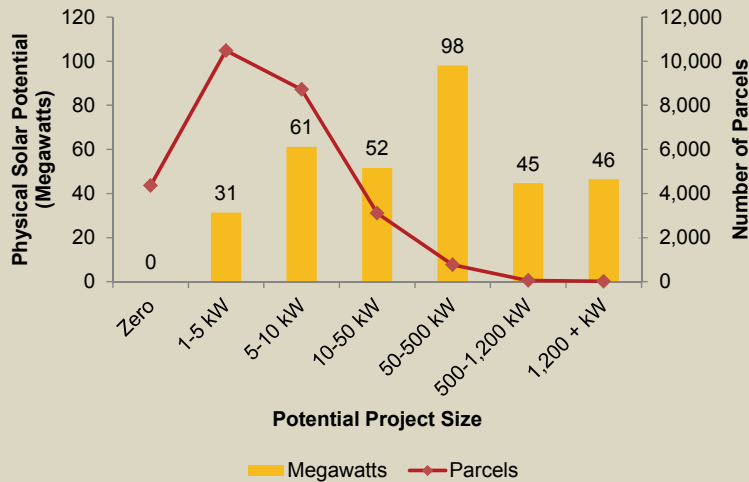
Rooftop Solar Potential of Palmdale, California



Solar Statistics of Pomona, California

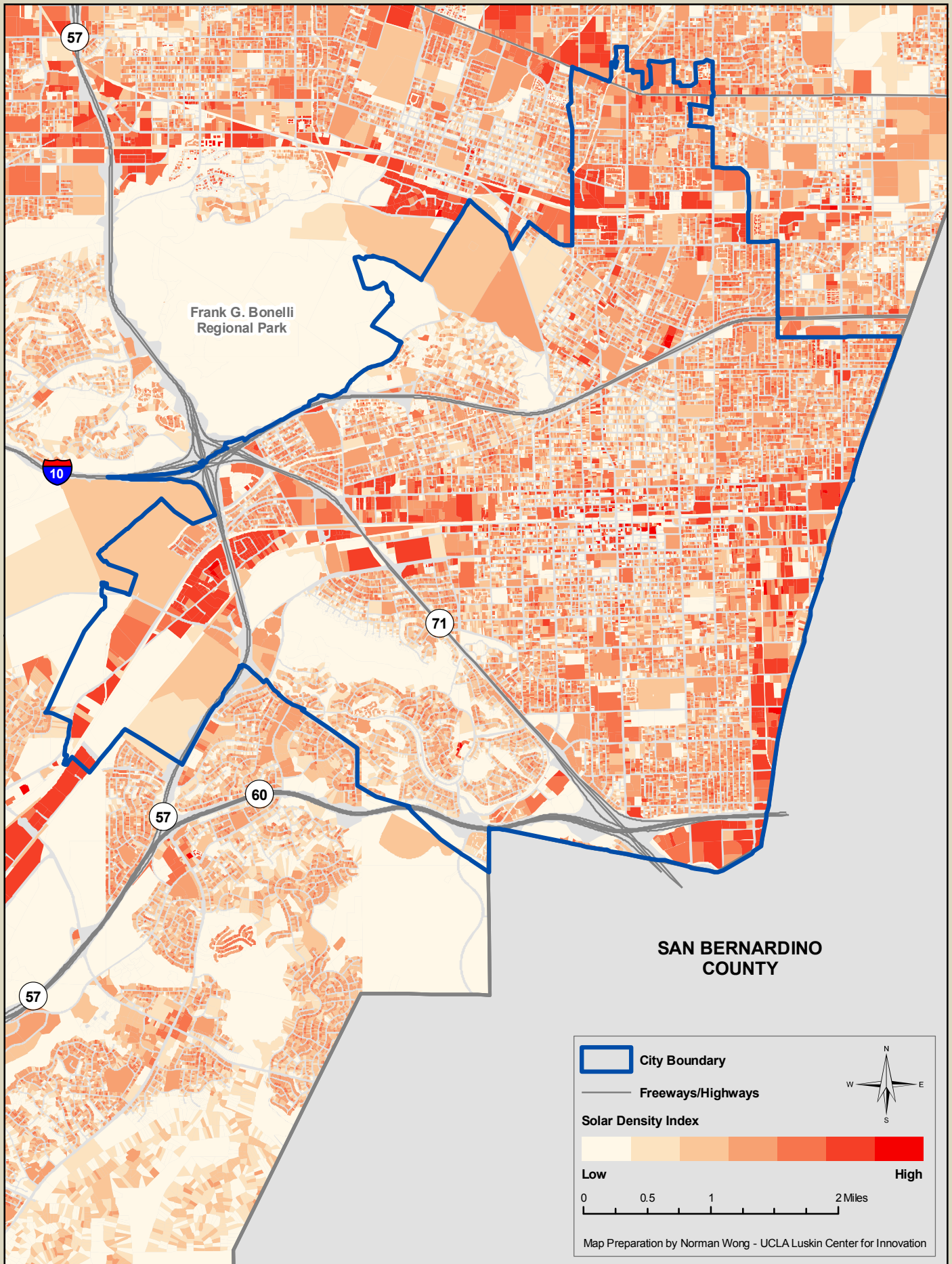
Area	22.0 square miles		
Population	163,683 (2009 estimate)		
Total Potential Sites	23,154		
Commercial & Industrial	7.5%	Median Rooftop Availability	18.7%
Multi-family	8.7%	Median Potential of Parcels	4.6 Kilowatts
Single Family	83.1%	Median Solar Density Index	9.5%
Government or Non-profit	0.7%	Total Rooftop Solar Potential	333 Megawatts

Pomona: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Pomona				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	6,912	1601 W Mission Blvd	91766	Warehousing, Distribution, Storage
2	3,295	1875 W Mission Blvd	91766	Heavy Manufacturing
3	3,273	1388 W Holt Ave	91768	Warehousing, Distribution, Storage
4	2,842	2750 S Towne Ave	91766	Light Manufacturing
5	2,210	1460 E Holt Ave	91767	Shopping Centers (Regional)
6	2,183	2743 Thompson Creek Rd	91767	Warehousing, Distribution, Storage
7	2,097	2849 Ficus St	91766	Office Buildings
8	2,013	2200 S Reservoir St	91766	Light Manufacturing
9	1,827	3667 Valley Blvd	91768	Mobile Home Parks
10	1,803	1 Innovation Wy	91768	Government Parcel
11	1,763	1201 E Lexington Ave	91766	Heavy Manufacturing
12	1,753	3745 Valley Blvd	91789	Mobile Home Parks
13	1,621	2867 Surveyor St	91768	Warehousing, Distribution, Storage
14	1,607	2550 Fulton Rd	91767	Warehousing, Distribution, Storage
15	1,544	3410 Pomona Blvd	91768	Warehousing, Distribution, Storage
16	1,530	159 N San Antonio Ave	91767	Industrial
17	1,489	1898 W Holt Ave	91768	Light Manufacturing
18	1,453	336 Enterprise Pl	91768	Warehousing, Distribution, Storage
19	1,360	2801 S Towne Ave	91766	Food Processing Plants
20	1,336	2805 S Reservoir St	91766	Warehousing, Distribution, Storage

Rooftop Solar Potential of Pomona, California

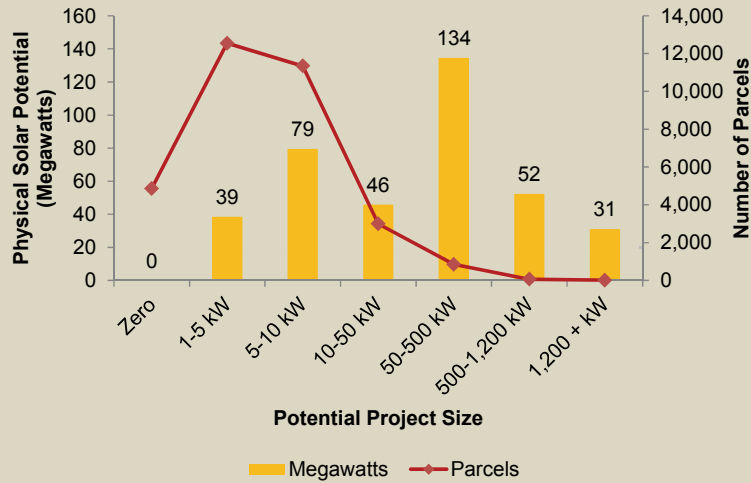


Solar Statistics of Santa Clarita, California

Area 47.0 square miles
 Population 177,641 (2009 estimate)

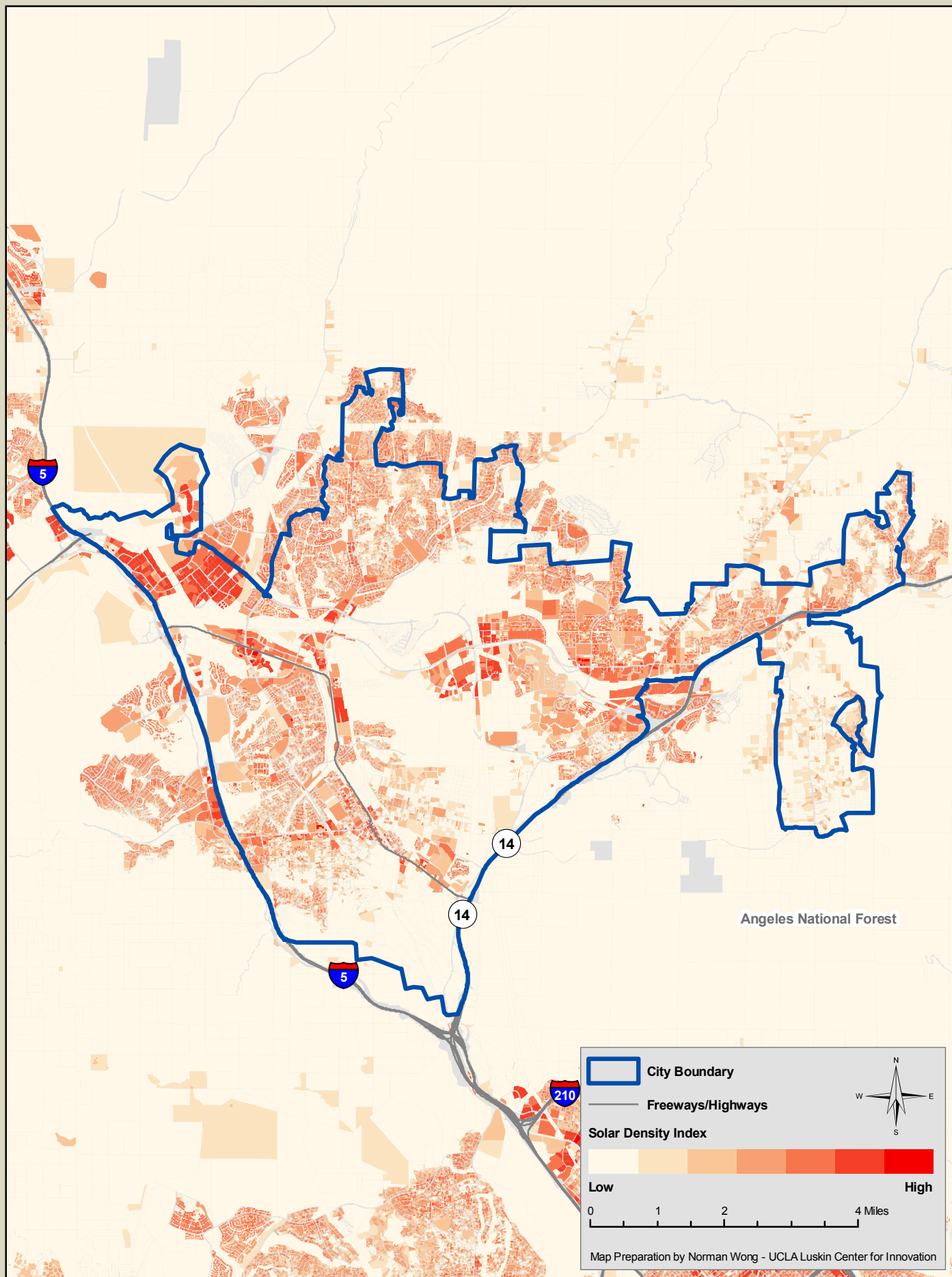
Total Potential Sites	27,829		
Commercial & Industrial	3.8%	Median Rooftop Availability	18.5%
Multi-family	2.2%	Median Potential of Parcels	4.6 Kilowatts
Single Family	93.8%	Median Solar Density Index	9.4%
Government or Non-profit	0.3%	Total Rooftop Solar Potential	382 Megawatts

Santa Clarita: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Santa Clarita				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	4,173	25655 Springbrook Ave	91350	Heavy Manufacturing
2	3,004	27361 Sierra Hwy	91351	Mobile Home Parks
3	2,771	27460 Avenue Scott	91355	Light Manufacturing
4	1,956	21235 Soledad Canyon Rd	91350	Mobile Home Parks
5	1,930	26471 Carl Boyer Dr	91350	Department Stores
6	1,918	20401 Soledad Canyon Rd	91351	Mobile Home Parks
7	1,903	21425 Soledad Canyon Rd	91350	Mobile Home Parks
8	1,790	24903 Avenue Kearny	91355	Light Manufacturing
9	1,711	20401 Soledad Canyon Rd	91351	Mobile Home Parks
10	1,676	25104 Rye Canyon Loop	91355	Light Manufacturing
11	1,537	20001 Canyon View Dr	91351	Mobile Home Parks
12	1,534	25200 Rye Canyon Road	91355	Heavy Manufacturing
13	1,354	26468 Carl Boyer Dr	91350	Department Stores
14	1,296	26415 Bouquet Canyon Rd	91350	Warehousing, Distribution, Storage
15	1,272	19334 Oak Crossing Rd	91321	Condominium
16	1,222	27931 Kelly Johnson Pkwy	91355	Department Stores
17	1,154	26780 Avenue Mentry	91355	Warehousing, Distribution, Storage
18	1,133	27727 Avenue Scott	91355	Light Manufacturing
19	1,124	18649 Via Princessa	91351	Department Stores
20	1,080	28361 Constellation Rd	91355	Light Manufacturing

Rooftop Solar Potential of Santa Clarita, California

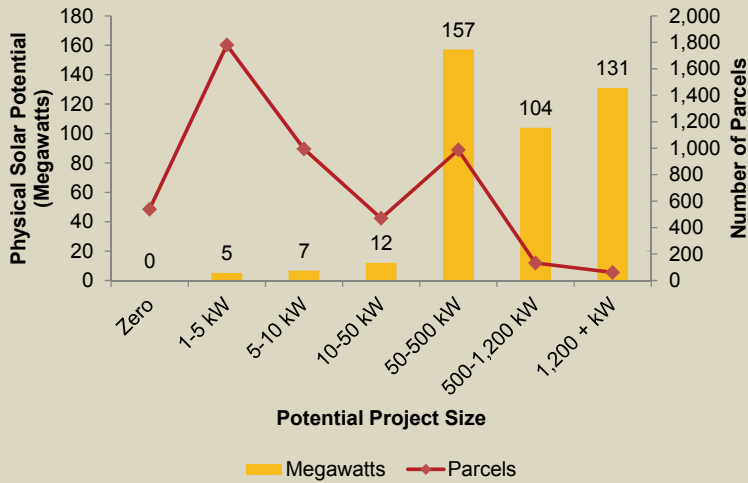


Solar Statistics of Santa Fe Springs, California

Area 8.9 square miles
 Population 17,929 (2009 estimate)

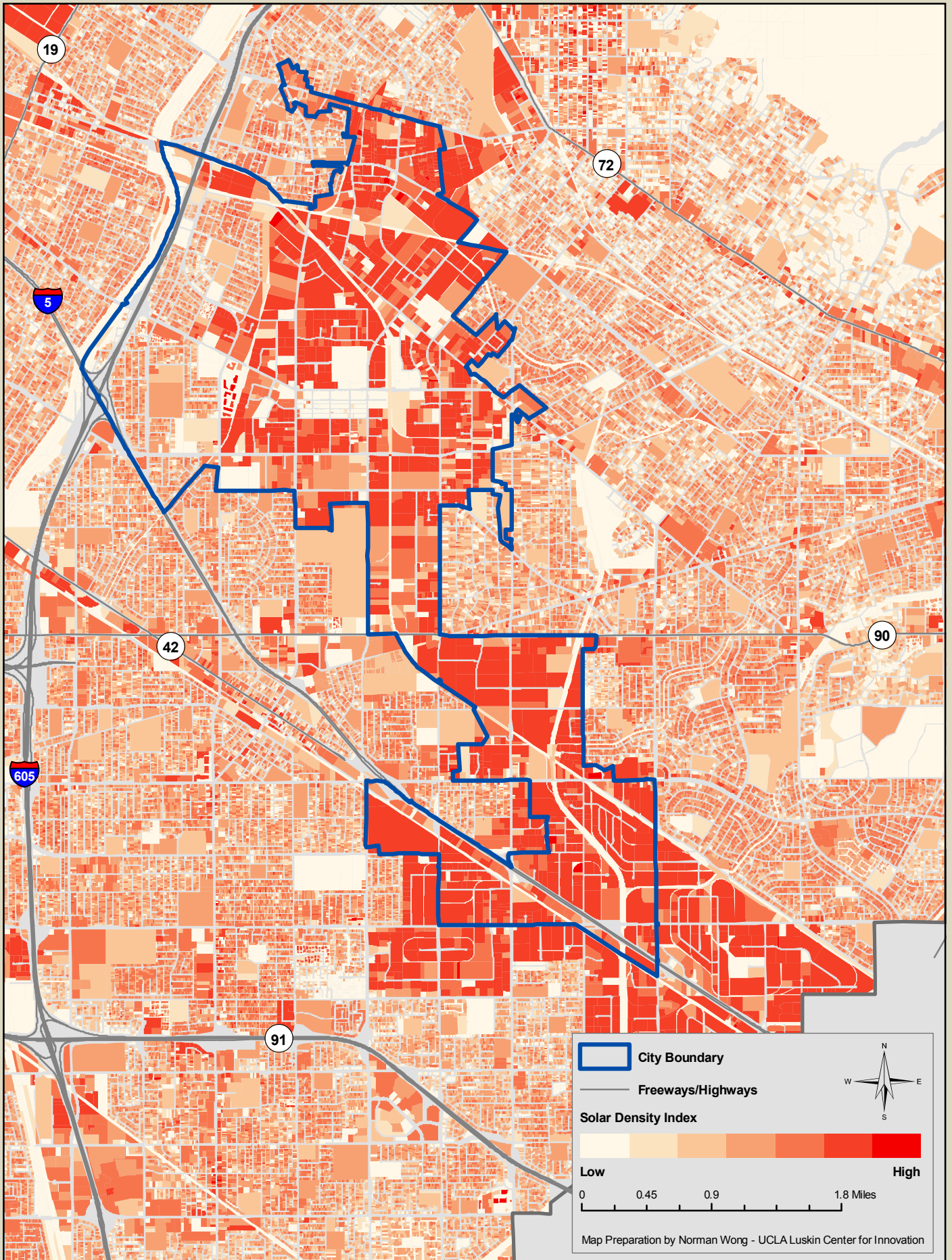
Total Potential Sites	4,425		
Commercial & Industrial	35.5%	Median Rooftop Availability	25.3%
Multi-family	2.4%	Median Potential of Parcels	5.5 Kilowatts
Single Family	62.0%	Median Solar Density Index	14.6%
Government or Non-profit	0.3%	Total Rooftop Solar Potential	416 Megawatts

Santa Fe Springs: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Santa Fe Springs				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	5,979	12520 Slauson Ave	90670	Warehousing, Distribution, Storage
2	5,552	13500 Foster Rd	90670	Warehousing, Distribution, Storage
3	5,279	9630 Norwalk Blvd	90670	Warehousing, Distribution, Storage
4	5,125	9400 Santa Fe Springs Rd	90670	Warehousing, Distribution, Storage
5	4,372	15700 Shoemaker Ave	90670	Warehousing, Distribution, Storage
6	3,705	13220 Orden Dr	90670	Warehousing, Distribution, Storage
7	3,342	11204 Norwalk Blvd	90670	Warehousing, Distribution, Storage
8	3,302	14141 Alondra Blvd	90670	Warehousing, Distribution, Storage
9	3,049	13300 Carmenita Road	90670	Warehousing, Distribution, Storage
10	2,889	14404 Best Ave	90670	Warehousing, Distribution, Storage
11	2,843	12816 Adler Dr	90670	Warehousing, Distribution, Storage
12	2,655	13012 Molette St	90670	Warehousing, Distribution, Storage
13	2,628	12434 Lakeland Rd	90670	Warehousing, Distribution, Storage
14	2,628	12935 Leffingwell Ave	90670	Warehousing, Distribution, Storage
15	2,525	11821 Florence Ave	90670	Warehousing, Distribution, Storage
16	2,466	13227 Orden Dr	90670	Warehousing, Distribution, Storage
17	2,441	12825 Carmenita Rd	90670	Warehousing, Distribution, Storage
18	2,389	12828 Carmenita Rd	90670	Warehousing, Distribution, Storage
19	2,212	9501 Norwalk Blvd	90670	Warehousing, Distribution, Storage
20	2,111	11130 Bloomfield Ave	90670	Warehousing, Distribution, Storage

Rooftop Solar Potential of Santa Fe Springs, California

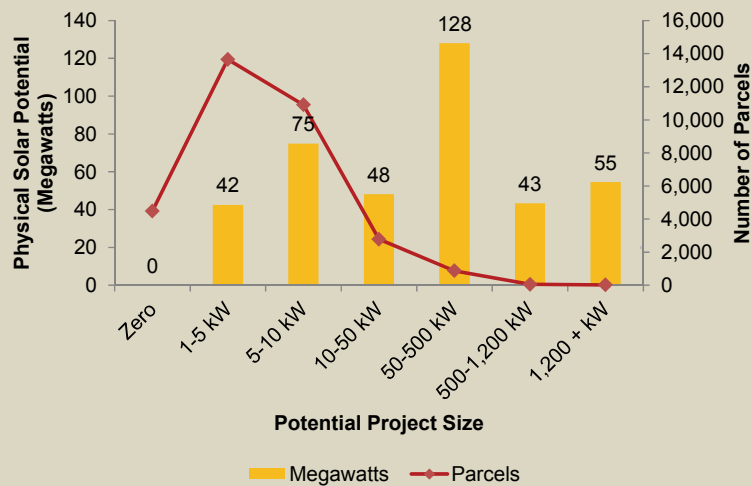


Solar Statistics of Torrance, California

Area 20.0 square miles
 Population 149,717 (2009 estimate)

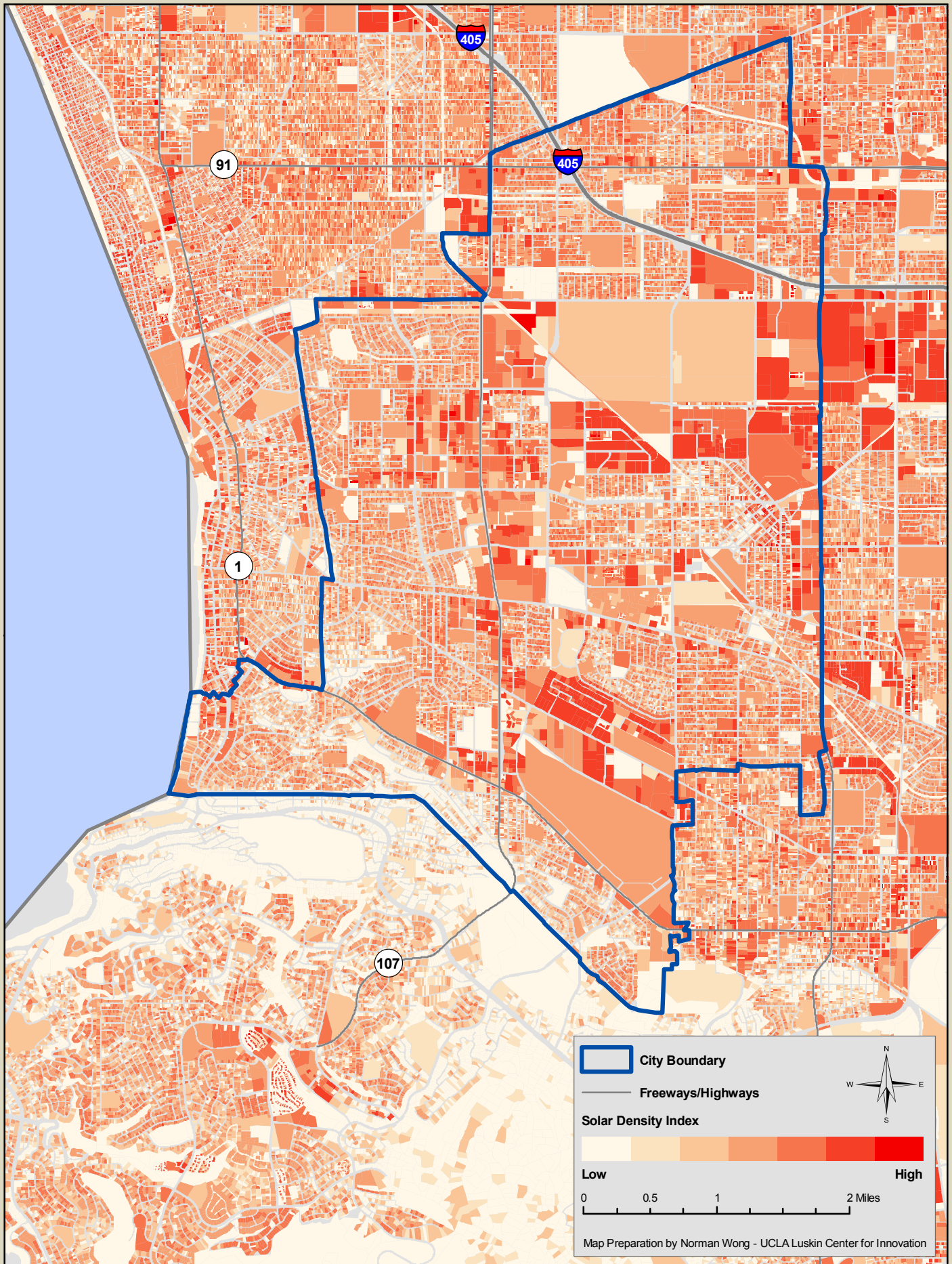
Total Potential Sites	28,298		
Commercial & Industrial	5.2%	Median Rooftop Availability	21.1%
Multi-family	7.8%	Median Potential of Parcels	4.6 Kilowatts
Single Family	86.6%	Median Solar Density Index	11.5%
Government or Non-profit	0.4%	Total Rooftop Solar Potential	391 Megawatts

Torrance: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Torrance				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	6,202	19700 Van Ness Ave	90501	Warehousing, Distribution, Storage
2	5,081	700 Van Ness Ave	90501	Office Buildings
3	4,911	19001 S Western Ave	90501	Office Buildings
4	4,233	2027 Harpers Way	90501	Light Manufacturing
5	3,073	500 Crenshaw Blvd	90503	Light Manufacturing
6	2,836	3501 Sepulveda Blvd	90505	Shopping Centers (Regional)
7	2,788	4240 W 190th St	90504	Warehousing, Distribution, Storage
8	2,545	2525 W 190th St	90504	Heavy Manufacturing
9	2,466	4100 W 190th St	90504	Warehousing, Distribution, Storage
10	2,282	3700 W 190th St	90504	Mineral Processing
11	2,061	2929 California St	90503	Light Manufacturing
12	1,880	19800 Hawthorne Blvd	90503	Shopping Centers (Regional)
13	1,773	3201 Lomita Blvd	90505	Light Manufacturing
14	1,571	19600 Van Ness Ave	90501	Warehousing, Distribution, Storage
15	1,559	18600 Crenshaw Blvd	90504	Warehousing, Distribution, Storage
16	1,511	3000 Lomita Blvd	90505	Light Manufacturing
17	1,457	20263 S Western Ave	90501	Light Manufacturing
18	1,308	18500 Crenshaw Blvd	90504	Warehousing, Distribution, Storage
19	1,274	21835 Hawthorne Blvd	90503	Shopping Centers (Neighborhood, community)
20	1,272	2535 Maricopa St	90503	Warehousing, Distribution, Storage

Rooftop Solar Potential of Torrance, California

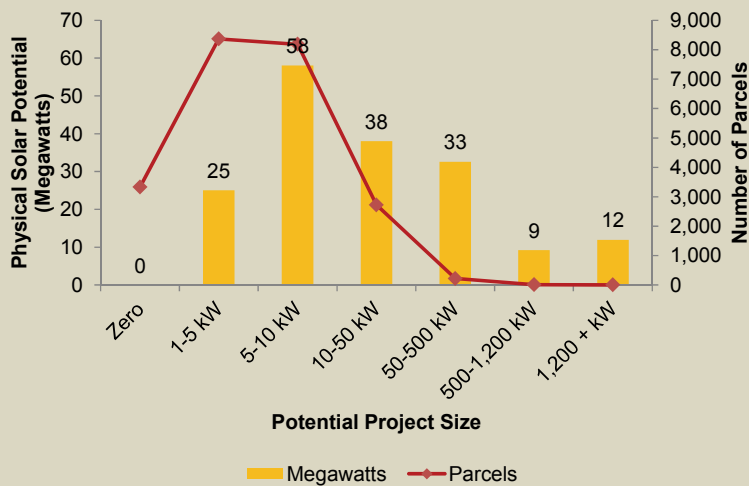


Solar Statistics of West Covina, California

Area 16.0 square miles
 Population 112,890 (2009 estimate)

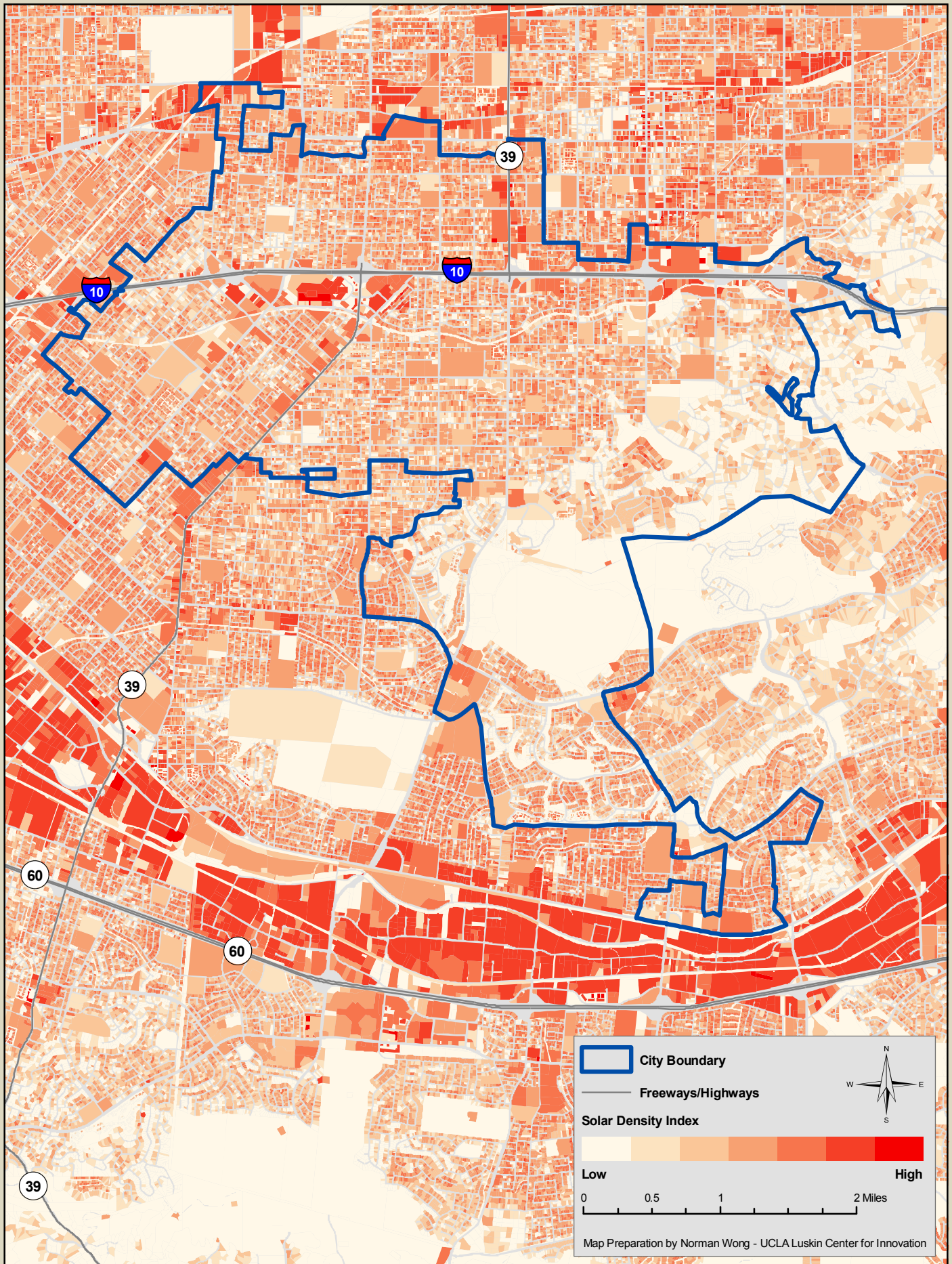
Total Potential Sites	19,515		
Commercial & Industrial	2.1%	Median Rooftop Availability	17.9%
Multi-family	2.4%	Median Potential of Parcels	4.8 Kilowatts
Single Family	95.2%	Median Solar Density Index	9.0%
Government or Non-profit	0.3%	Total Rooftop Solar Potential	175 Megawatts

West Covina: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in West Covina				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	3,267	2753 E Eastland Ctr Dr	91791	Shopping Centers (Neighborhood, community)
2	2,402	1200 West Covina Pkwy	91791	Shopping Centers (Regional)
3	2,231	1200 W Covina Pkway	91790	Shopping Centers (Regional)
4	1,565	310 N Azusa Ave	91791	Shopping Centers (Neighborhood, community)
5	1,272	3033 E Valley Blvd	91792	Mobile Home Parks
6	1,218	1211 E Badillo St	91790	Churches
7	1,101	730 S Orange Ave	91790	Department Stores
8	914	301 S Glendora Ave	91790	Stores
9	794	1115 S Sunset Ave	91790	Hospitals
10	738	941 S Glendora Ave	91790	Shopping Centers (Neighborhood, community)
11	645	2221 Ramona Blvd	91723	Warehousing, Distribution, Storage
12	620	615 N Azusa Ave	91791	Department Stores
13	595	950 Lakes Dr	91790	Stores
14	585	1731 W San Bernardino Rd	91790	Industrial
15	567	111 S Barranca St	91791	Five or more apartments
16	546	1200 W Francisquito Ave	91790	Shopping Centers (Neighborhood, community)
17	543	265 S Glendora Ave	91790	Theaters
18	526	2211 E Garvey Ave N	91791	Shopping Centers (Neighborhood, community)
19	523	1414 S Azusa Ave	91791	Shopping Centers (Neighborhood, community)
20	502	1227 W Francisquito Ave	91790	Five or more apartments

Rooftop Solar Potential of West Covina, California

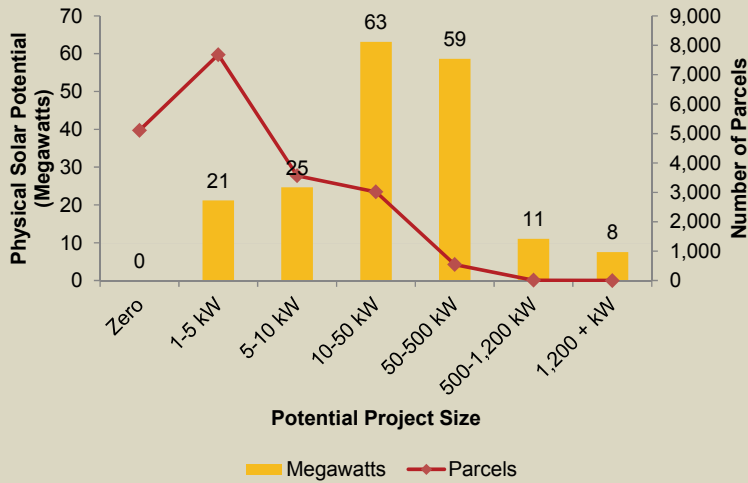


Solar Statistics of Los Angeles City Council District 1

Area 14.0 square miles
 Population 262,618 (2009 estimate)

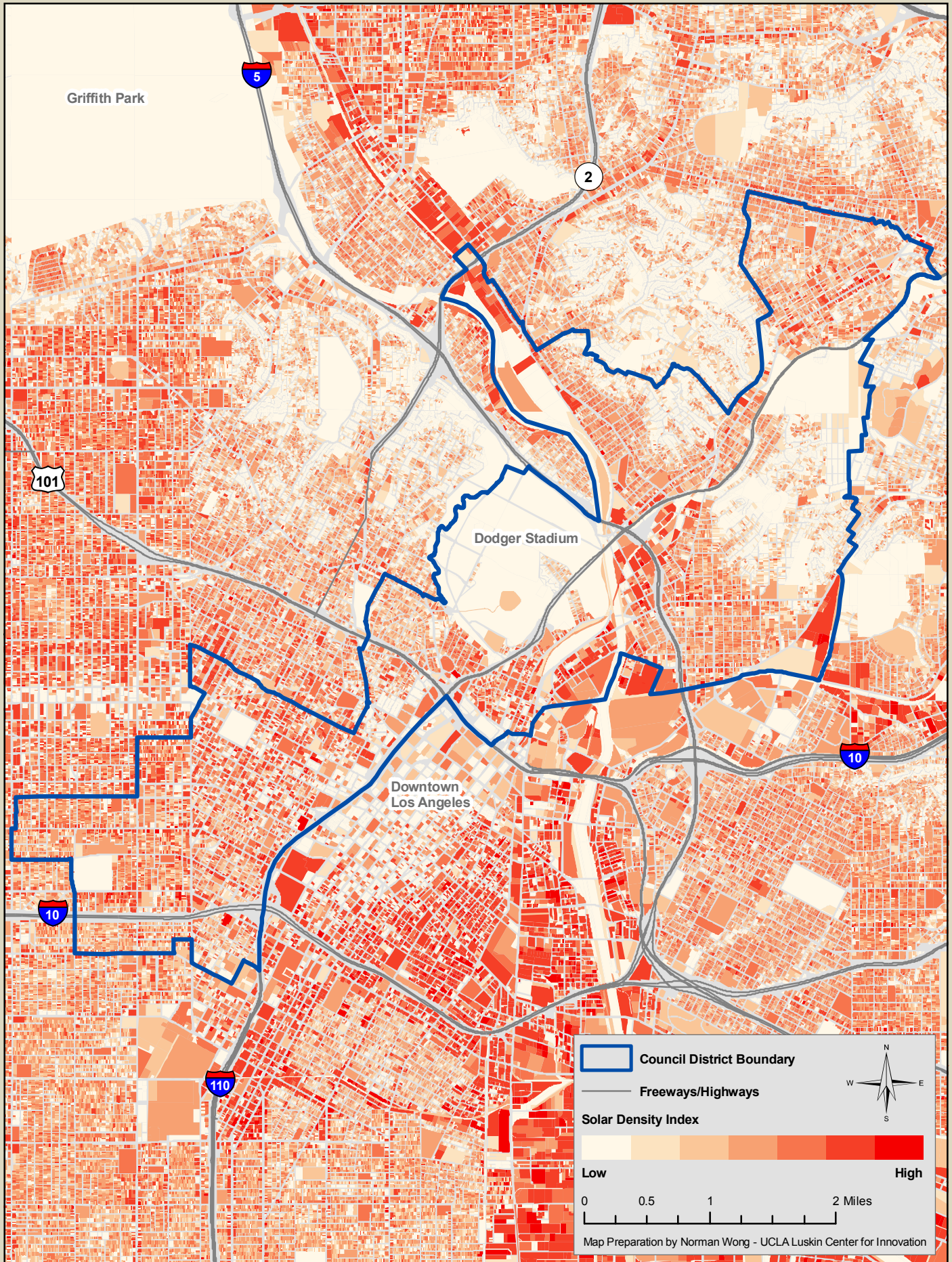
Total Potential Sites	14,818		
Commercial & Industrial	14.5%	Median Rooftop Availability	12.4%
Multi-family	47.5%	Median Potential of Parcels	3.1 Kilowatts
Single Family	36.2%	Median Solar Density Index	8.4%
Government or Non-profit	1.8%	Total Rooftop Solar Potential	186 Megawatts

Council District 1: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 1				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	6,296	3880 N Mission Rd	90031	Warehousing, Distribution, Storage
2	1,259	2011 N Soto St	90032	Warehousing, Distribution, Storage
3	1,200	1201 W Olympic Blvd	90015	Warehousing, Distribution, Storage
4	1,182	1920 N Main St	90031	Warehousing, Distribution, Storage
5	1,050	2850 Kerr St	90039	Utility Commercial
6	961	2000 N San Fernando Rd	90065	Warehousing, Distribution, Storage
7	883	2055 N Figueroa St	90065	Department Stores
8	833	936 W Washington Blvd	90015	Light Manufacturing
9	790	2800 Casitas Ave	90039	Light Manufacturing
10	743	1100 N Main St	90012	Heavy Manufacturing
11	668	3800 N Mission Rd	90031	Heavy Manufacturing
12	585	2706 Media Center Dr	90065	Warehousing, Distribution, Storage
13	582	1501 N Main St	90012	Warehousing, Distribution, Storage
14	534	1600 Wilshire Blvd	90017	Shopping Centers (Neighborhood, community)
15	525	1306 N San Fernando Rd	90065	Light Manufacturing
16	523	1000 W Temple St	90012	Office Buildings
17	447	2710 Media Center Dr	90065	Warehousing, Distribution, Storage
18	445	2910 N San Fernando Rd	90065	Warehousing, Distribution, Storage
19	444	310 N San Fernando Rd	90031	Warehousing, Distribution, Storage
20	440	2709 Media Center Dr	90065	Warehousing, Distribution, Storage

Rooftop Solar Potential of Los Angeles City Council District 1

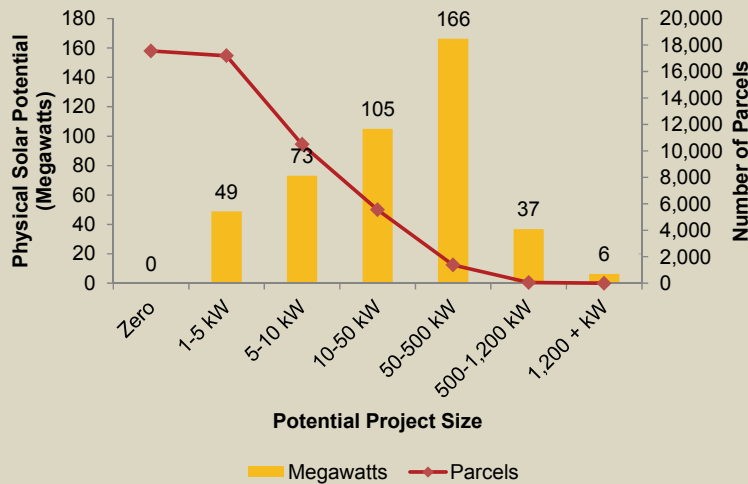


Solar Statistics of Los Angeles City Council District 2

Area 50.4 square miles
 Population 274,950 (2009 estimate)

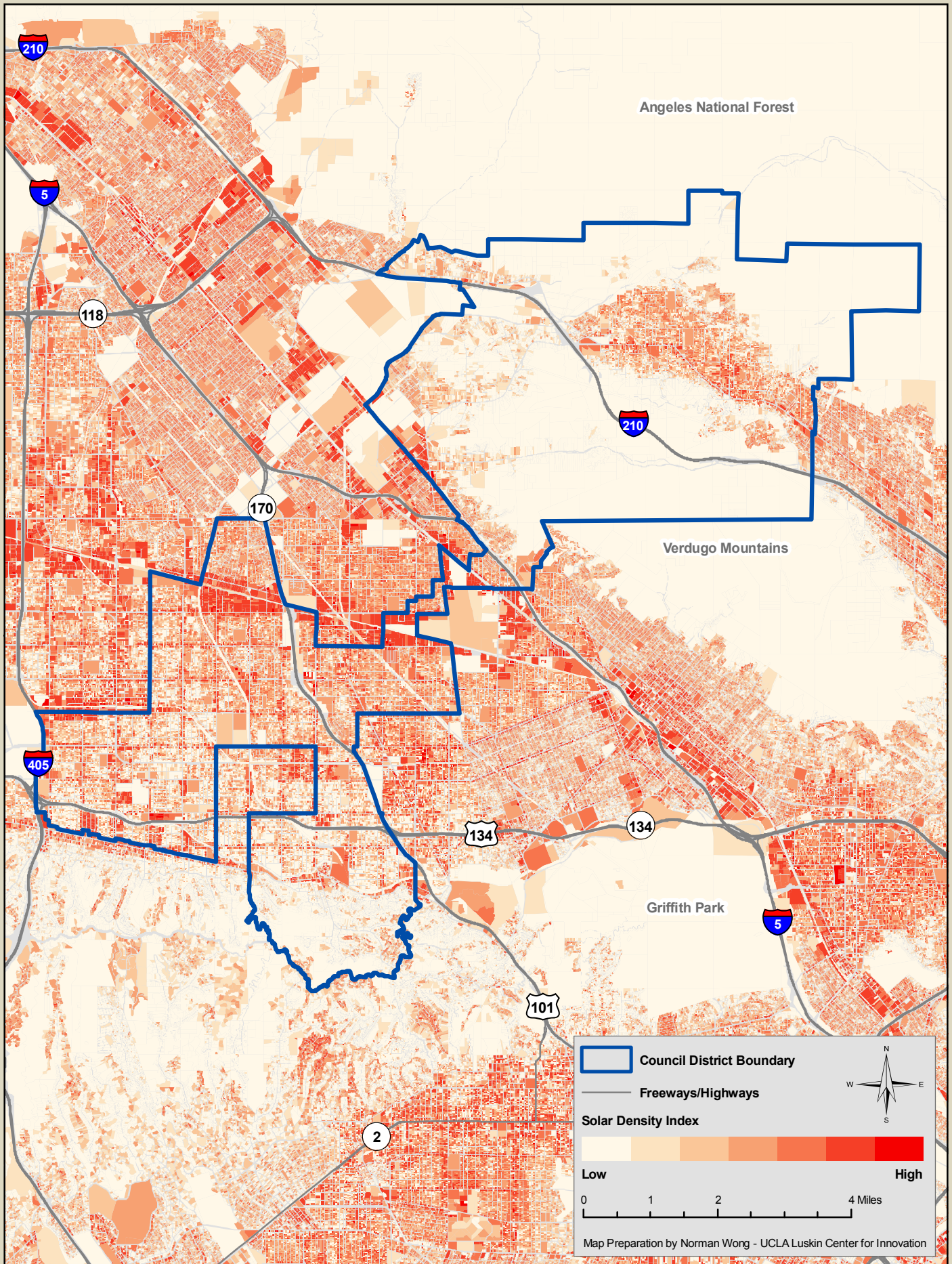
Total Potential Sites	34,682		
Commercial & Industrial	6.6%	Median Rooftop Availability	10.6%
Multi-family	13.6%	Median Potential of Parcels	2.9 Kilowatts
Single Family	79.2%	Median Solar Density Index	5.5%
Government or Non-profit	0.5%	Total Rooftop Solar Potential	436 Megawatts

Council District 2: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 2				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	2,149	4024 Radford Ave	91604	Motion Picture, Radio & Television
2	1,515	10635 Stagg St	91505	Warehousing, Distribution, Storage
3	1,395	6904 Tujunga Ave	91605	Light Manufacturing
4	1,220	11211 Vanowen St	91605	Warehousing, Distribution, Storage
5	1,194	11350 Sherman Way	91605	Light Manufacturing
6	1,169	13003 Sherman Way	91605	Department Stores
7	1,022	12755 Sherman Way	91605	Shopping Centers (Neighborhood, community)
8	1,001	11051 Victory Blvd	91406	Department Stores
9	994	7100 Tujunga Ave	91605	Light Manufacturing
10	960	11041 Vanowen St	91605	Light Manufacturing
11	926	11240 Sherman Way	91352	Parking Lots (Industrial Use Properties)
12	926	7519 Woodman Ave	91405	Open Storage
13	916	5719 Sepulveda Blvd	91411	Department Stores
14	916	7230 Bellaire Ave	91605	Light Manufacturing
15	909	14816 Oxnard St	91411	Light Manufacturing
16	862	7684 Clybourn Ave	91352	Light Manufacturing
17	855	12838 Saticoy St	91605	Light Manufacturing
18	839	11500 Sheldon St	91352	Light Manufacturing
19	837	10455 Sunland Blvd	91040	Shopping Centers (Neighborhood, community)
20	830	10911 Vanowen St	91605	Motion Picture, Radio & Television

Rooftop Solar Potential of Los Angeles City Council District 2

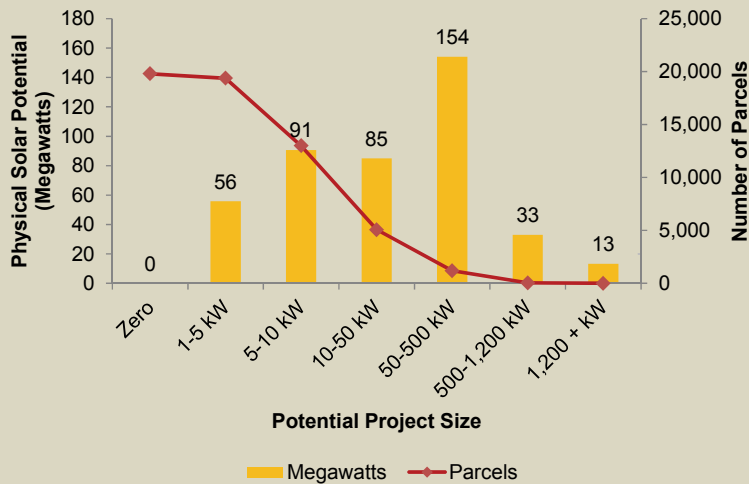


Solar Statistics of Los Angeles City Council District 3

Area 41.5 square miles
 Population 283,533 (2009 estimate)

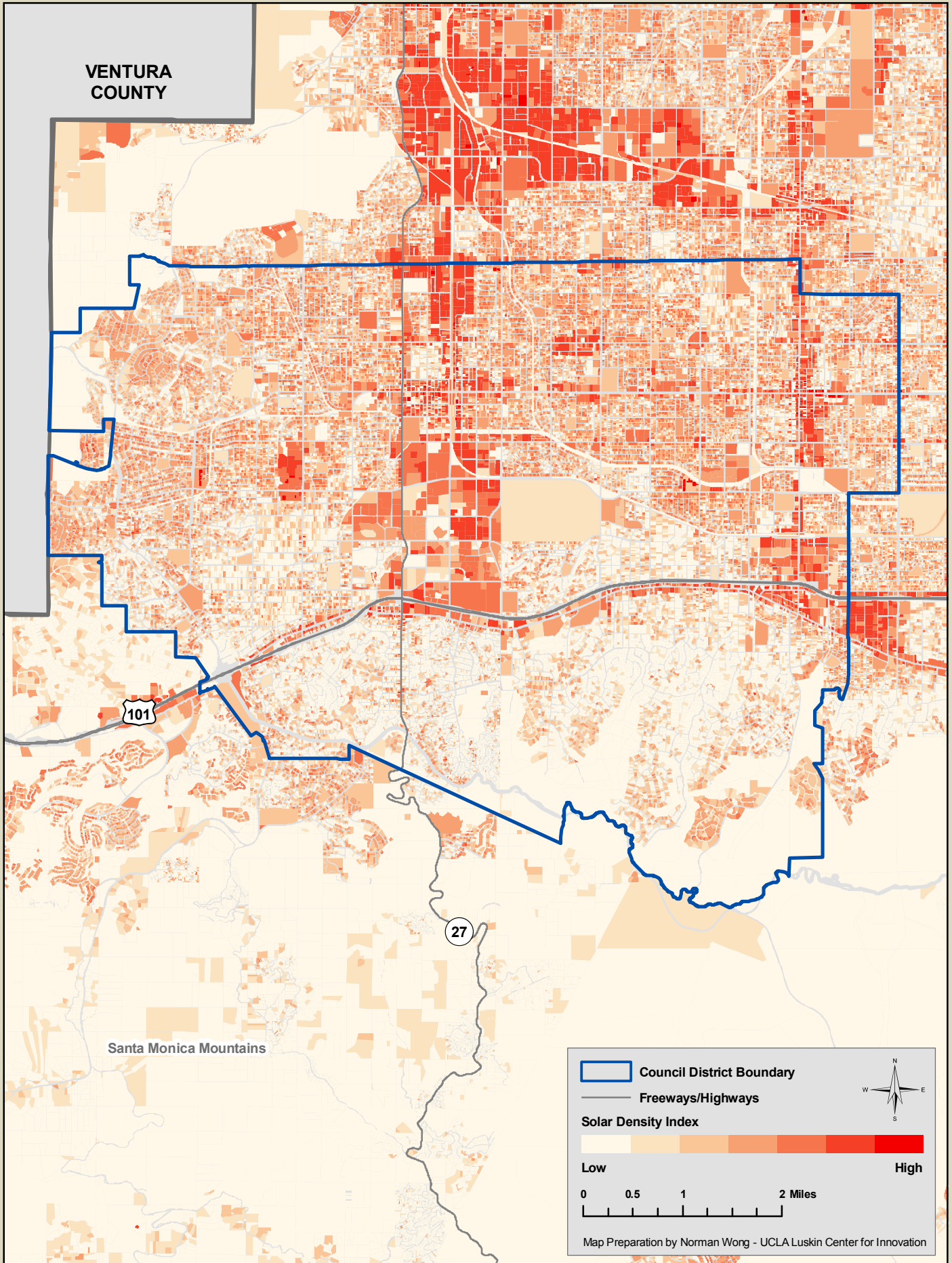
Total Potential Sites	38,654		
Commercial & Industrial	5.0%	Median Rooftop Availability	9.7%
Multi-family	3.4%	Median Potential of Parcels	2.9 Kilowatts
Single Family	91.1%	Median Solar Density Index	4.9%
Government or Non-profit	0.5%	Total Rooftop Solar Potential	432 Megawatts

Council District 3: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 3				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	3,597	5500 Canoga Ave	91367	Heavy Manufacturing
2	3,351	6600 Topanga Canyon Blvd	91303	Shopping Centers (Regional)
3	1,928	5601 De Soto Ave	91367	Hospitals
4	1,823	21500 Victory Blvd	91367	Shopping Centers (Neighborhood, community)
5	1,335	6501 Fallbrook Ave	91307	Shopping Centers (Regional)
6	1,275	21200 Victory Blvd	91367	Heavy Manufacturing
7	1,195	21200 Kittridge St	91303	Five or more apartments
8	1,194	21300 Roscoe Blvd	91304	Department Stores
9	1,145	6601 Owensmouth Ave	91303	Shopping Centers (Regional)
10	1,063	22816 Victory Blvd	91367	Shopping Centers (Regional)
11	1,039	21820 Burbank Blvd	91367	Office Buildings
12	1,035	6219 De Soto Ave	91367	Light Manufacturing
13	1,011	20801 Ventura Blvd	91364	Department Stores
14	990	6100 Canoga Ave	91367	Department Stores
15	945	6345 Variel Ave	91367	Department Stores
16	919	21218 Roscoe Blvd	91304	Stores
17	917	6925 Canby Ave	91335	Warehousing, Distribution, Storage
18	898	6635 Fallbrook Ave	91307	Shopping Centers (Regional)
19	882	23335 Mulholland Dr	91364	Shopping Centers (Neighborhood, community)
20	864	6700 Eton Ave	91303	Warehousing, Distribution, Storage

Rooftop Solar Potential of Los Angeles City Council District 3

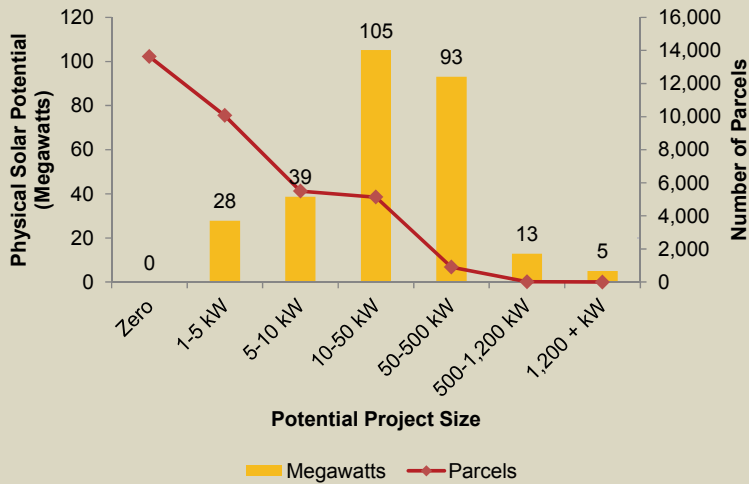


Solar Statistics of Los Angeles City Council District 4

Area 30.1 square miles
 Population 278,134 (2009 estimate)

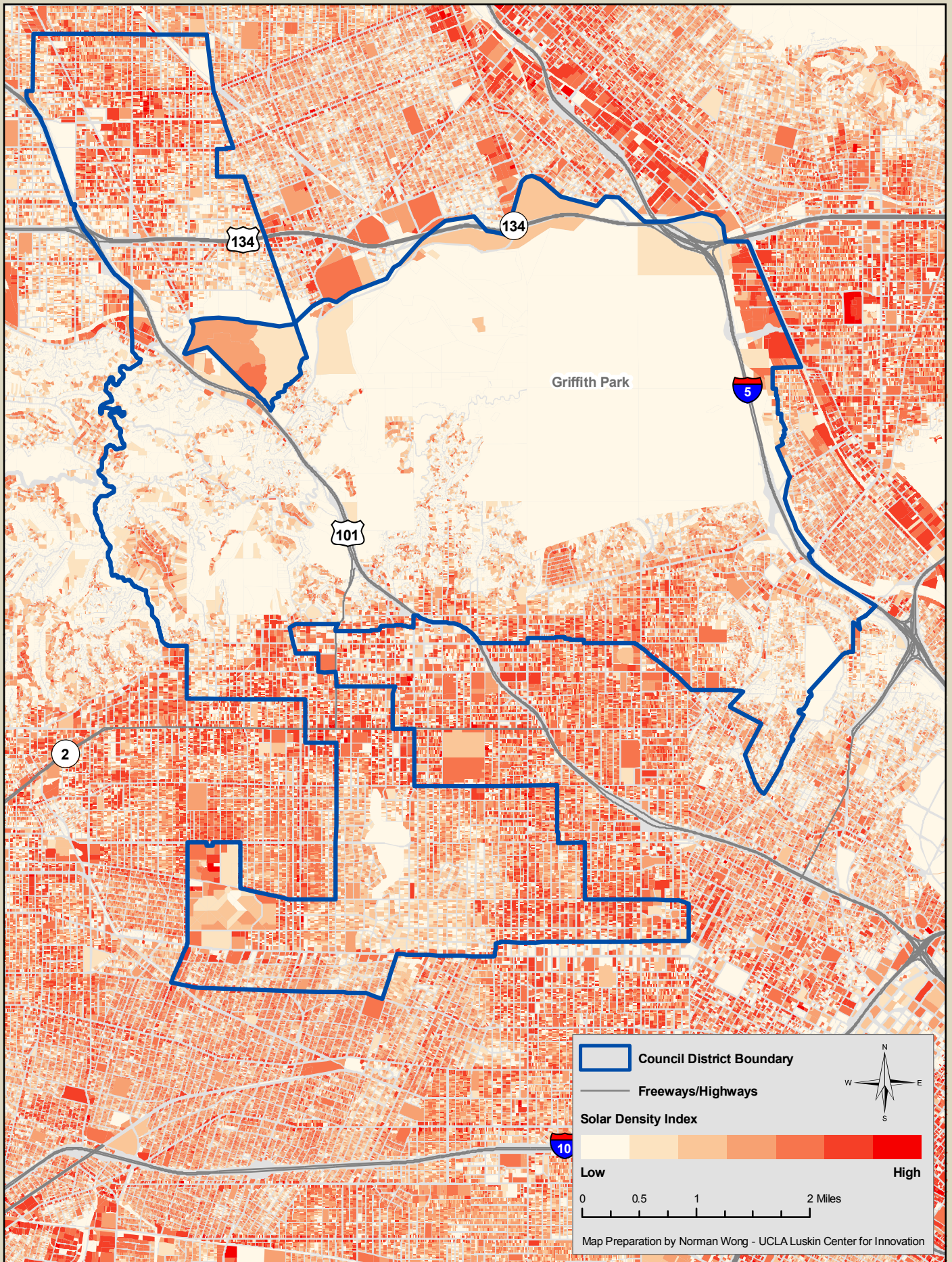
Total Potential Sites	21,618	Median Rooftop Availability	7.8%
Commercial & Industrial	10.6%	Median Potential of Parcels	2.4 Kilowatts
Multi-family	32.0%	Median Solar Density Index	4.6%
Single Family	56.6%	Total Rooftop Solar Potential	283 Megawatts
Government or Non-profit	0.9%		

Council District 4: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 4				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	3,771	4544 Colorado Blvd	90039	Light Manufacturing
2	1,266	4151 Prospect Ave	90027	Motion Picture, Radio & Television
3	987	5416 Fair Ave	91601	Five or more apartments
4	984	101 The Grove Dr	90036	Shopping Centers (Regional)
5	942	101 The Grove Dr	90036	Shopping Centers (Regional)
6	882	7800 Beverly Blvd	90036	Motion Picture, Radio & Television
7	822	3600 Barham Blvd	90068	Five or more apartments
8	819	4501 Colorado Blvd	90039	Light Manufacturing
9	813	5375 W San Fernando Rd	90039	Department Stores
10	684	1040 N Las Palmas Ave	90038	Motion Picture, Radio & Television
11	675	6067 Wilshire Blvd	90036	Government Parcel
12	670	4585 Electronics Pl	90039	Motion Picture, Radio & Television
13	657	5431 W San Fernando Rd	90039	Heavy Manufacturing
14	626	7700 Beverly Blvd	90036	Parking Lots (Commercial Use Properties)
15	587	11135 Weddington St	91601	Five or more apartments
16	559	5433 W San Fernando Rd	90039	Heavy Manufacturing
17	551	4621 Sperry St	90039	Light Manufacturing
18	522	650 N Bronson Ave	90004	Heavy Manufacturing
19	522	4565 Colorado Blvd	90039	Heavy Manufacturing
20	504	348 Hauser Blvd	90036	Five or more apartments

Rooftop Solar Potential of Los Angeles City Council District 4

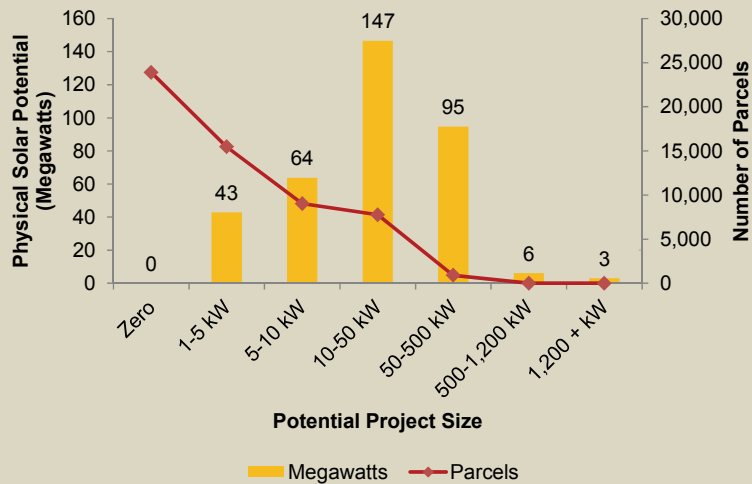


Solar Statistics of Los Angeles City Council District 5

Area 47.4 square miles
 Population 280,128 (2009 estimate)

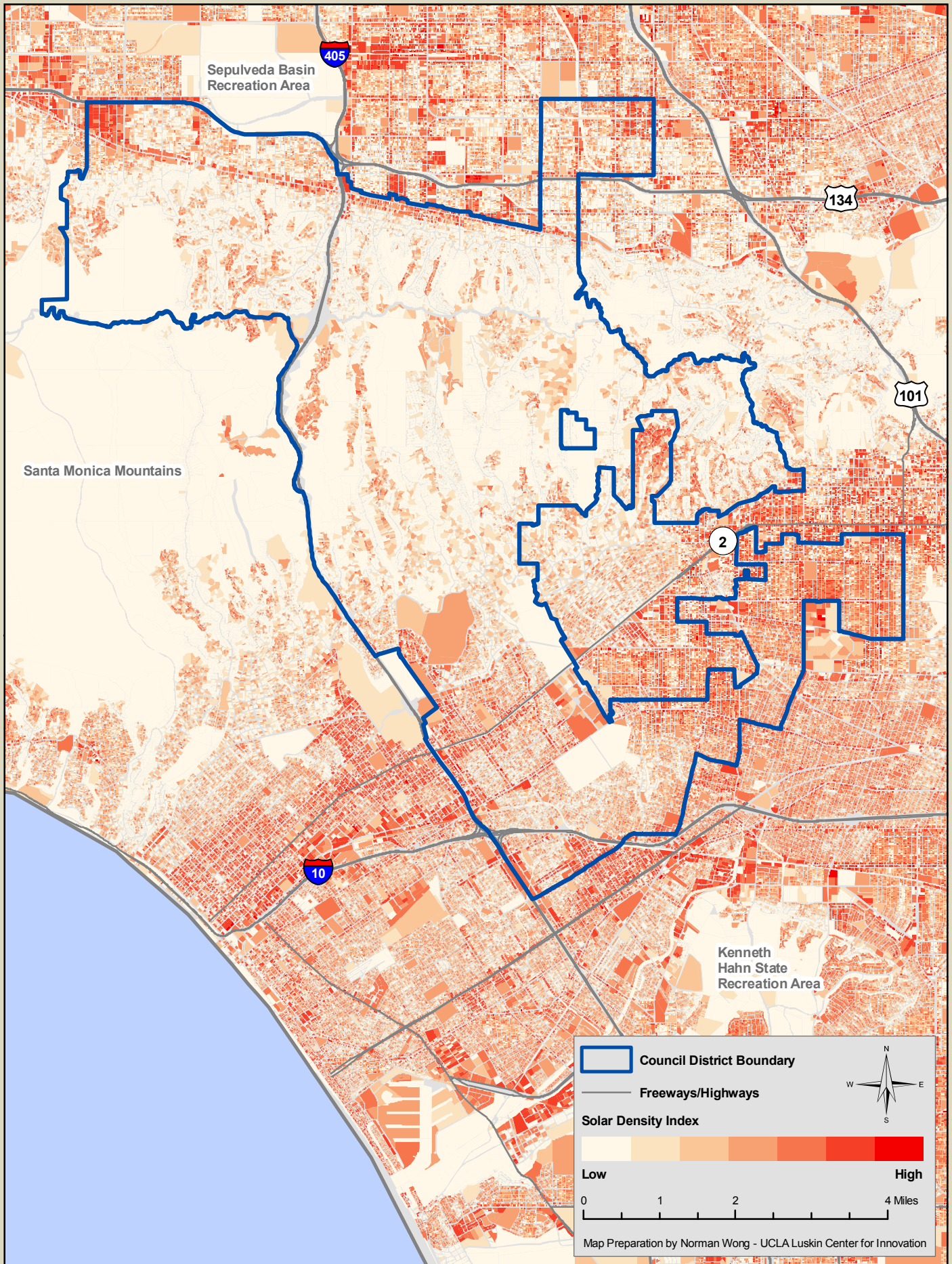
Total Potential Sites	33,155		
Commercial & Industrial	8.2%	Median Rooftop Availability	6.2%
Multi-family	21.4%	Median Potential of Parcels	1.9 Kilowatts
Single Family	69.8%	Median Solar Density Index	3.5%
Government or Non-profit	0.6%	Total Rooftop Solar Potential	357 Megawatts

Council District 5: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 5				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	1,702	15301 Ventura Blvd	91403	Office Buildings
2	1,390	121 N La Cienega Blvd	90048	Shopping Centers (Regional)
3	936	10250 Santa Monica Blvd	90067	Shopping Centers (Regional)
4	855	10730 W Pico Blvd	90064	Shopping Centers (Regional)
5	824	5301 Balboa Blvd	91316	Condominium
6	690	10116 Empyrean Way	90067	Condominium
7	629	11150 Santa Monica Blvd	90025	Office Buildings
8	578	8480 Beverly Blvd	90048	Shopping Centers (Neighborhood, community)
9	545	103 S Hamel Rd	90048	Hospitals
10	540	3010 S Sepulveda Blvd	90034	Shopping Centers (Neighborhood, community)
11	516	10250 Constellation Blvd	90067	Parking Lots (Commercial Use Properties)
12	489	2440 S Sepulveda Blvd	90064	Office Buildings
13	464	100 N La Cienega Blvd	90048	Shopping Centers (Neighborhood, community)
14	455	5216 Lindley Ave	91316	Condominium
15	454	5330 Lindley Ave	91316	Condominium
16	436	15500 Stephen S Wise Dr	90077	Schools (Private)
17	409	11120 Queensland St	90034	Condominium
18	407	2252 Century HI	90067	Condominium
19	399	11200 W Pico Blvd	90064	Warehousing, Distribution, Storage
20	391	2142 Century Park Ln	90067	Condominium

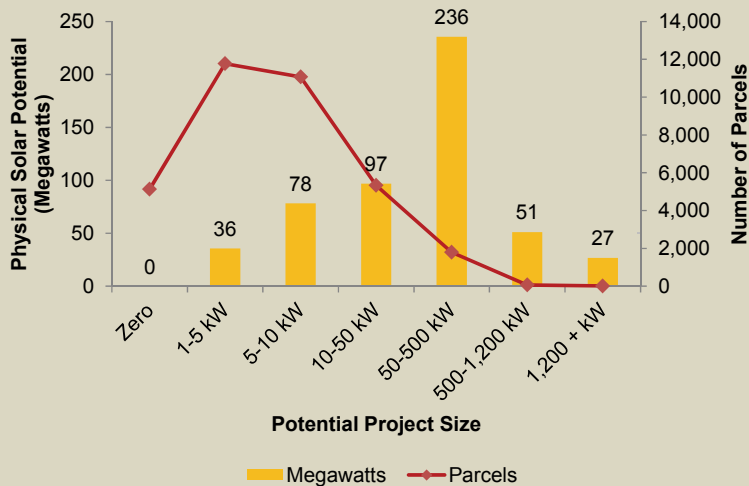
Rooftop Solar Potential of Los Angeles City Council District 5



Solar Statistics of Los Angeles City Council District 6

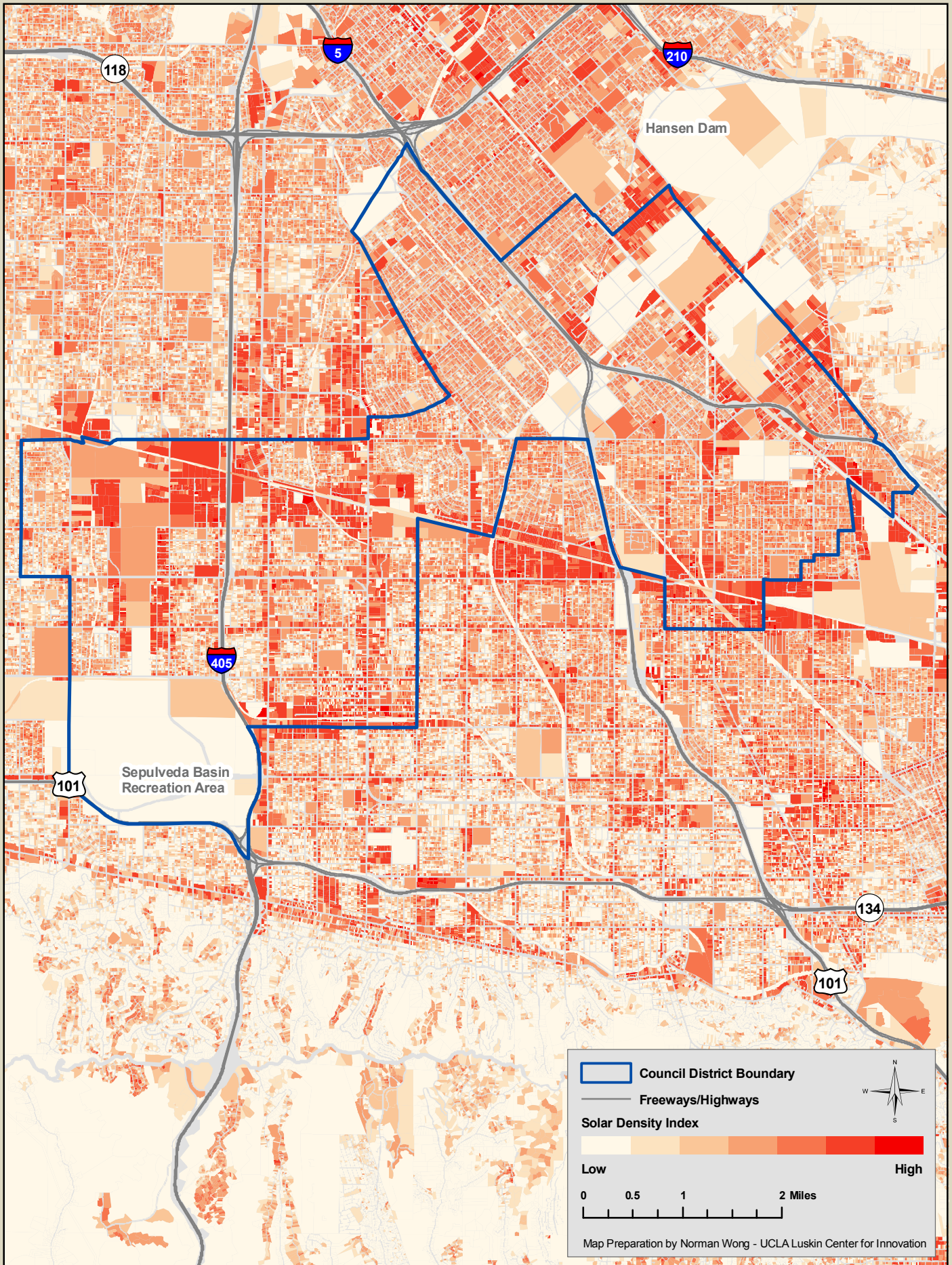
Area	24.3 square miles		
Population	247,519 (2009 estimate)		
Total Potential Sites	30,062		
Commercial & Industrial	10.5%	Median Rooftop Availability	21.0%
Multi-family	8.5%	Median Potential of Parcels	5.0 Kilowatts
Single Family	80.5%	Median Solar Density Index	11.2%
Government or Non-profit	0.5%	Total Rooftop Solar Potential	524 Megawatts

Council District 6: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 6				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	2,806	11428 Sherman Way	91605	Warehousing, Distribution, Storage
2	2,430	8201 Woodley Ave	91406	Light Manufacturing
3	2,144	16800 Roscoe Blvd	91406	Government Parcel
4	1,943	7821 Orion Ave	91406	Light Manufacturing
5	1,841	16000 Arminta St	91406	Warehousing, Distribution, Storage
6	1,708	7860 Nelson Rd	91402	Warehousing, Distribution, Storage
7	1,679	7900 Nelson Rd	91402	Warehousing, Distribution, Storage
8	1,671	9725 Laurel Canyon Blvd	91331	Department Stores
9	1,634	14400 Arminta St	91402	Department Stores
10	1,632	9210 San Fernando Rd	91352	Warehousing, Distribution, Storage
11	1,620	9175 San Fernando Rd	91352	Heavy Manufacturing
12	1,506	9545 San Fernando Rd	91352	Warehousing, Distribution, Storage
13	1,504	7855 Hayvenhurst Ave	91406	Light Manufacturing
14	1,314	11308 Penrose St	91352	Light Manufacturing
15	1,275	6161 Sepulveda Blvd	91411	Stores
16	1,192	14920 Raymer St	91405	Department Stores
17	1,162	15330 Raymer St	91406	Light Manufacturing
18	1,152	15906 Arminta St	91406	Light Manufacturing
19	1,150	8325 Laurel Canyon Blvd	91352	Shopping Centers (Neighborhood, community)
20	1,125	15963 Strathern St	91406	Warehousing, Distribution, Storage

Rooftop Solar Potential of Los Angeles City Council District 6

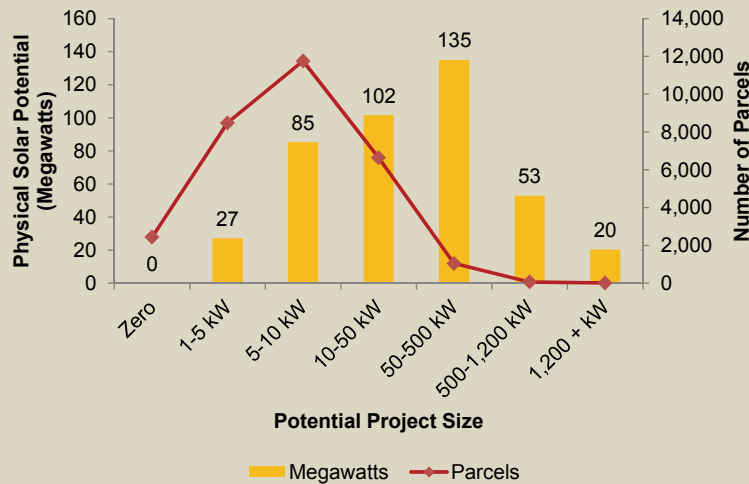


Solar Statistics of Los Angeles City Council District 7

Area 28.8 square miles
 Population 258,705 (2009 estimate)

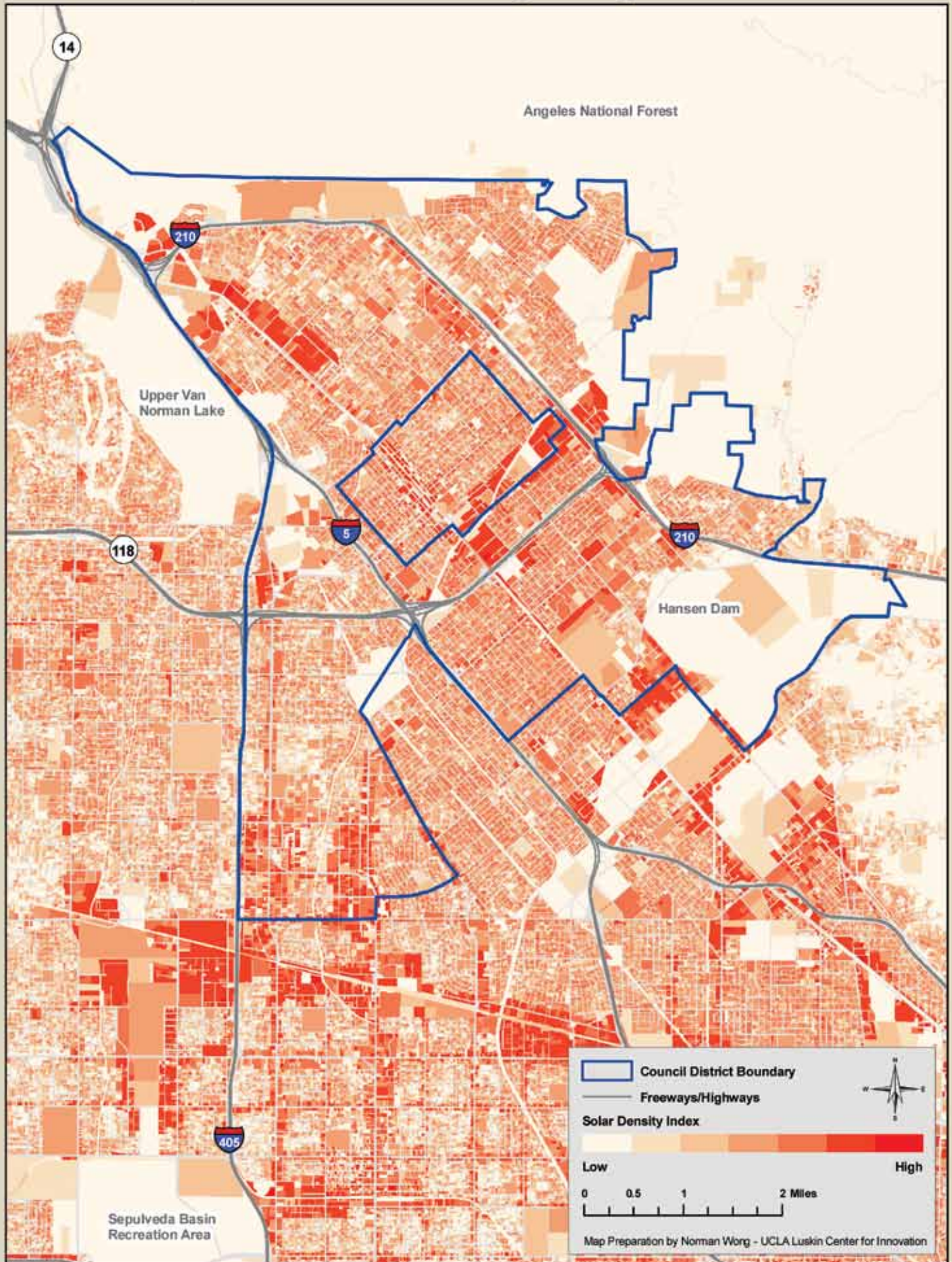
Total Potential Sites	28,008		
Commercial & Industrial	4.4%	Median Rooftop Availability	26.6%
Multi-family	6.3%	Median Potential of Parcels	6.5 Kilowatts
Single Family	88.8%	Median Solar Density Index	12.6%
Government or Non-profit	0.5%	Total Rooftop Solar Potential	422 Megawatts

Council District 7: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 7				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	2,672	12745 Arroyo St	91342	Light Manufacturing
2	2,302	13691 Gavina Ave	91342	Mobile Home Parks
3	2,171	12820 Pierce St	91331	Warehousing, Distribution, Storage
4	1,699	13955 Balboa Blvd	91342	Warehousing, Distribution, Storage
5	1,589	15825 Roxford St	91342	Heavy Manufacturing
6	1,587	13009 Mesa Verde Way	91342	Condominium
7	1,494	15860 Olden St	91342	Heavy Manufacturing
8	1,446	12806 San Fernando Rd	91342	Light Manufacturing
9	1,376	15445 Bermuda St	91345	Mobile Home Parks
10	1,373	12744 San Fernando Rd	91342	Light Manufacturing
11	1,356	12001 Foothill Blvd	91342	Mobile Home Parks
12	1,278	15600 Roxford St	91342	Light Manufacturing
13	1,179	12740 Arroyo St	91342	Light Manufacturing
14	1,169	8353 Van Nuys Blvd	91402	Shopping Centers (Regional)
15	1,147	13207 Bradley Ave	91342	Warehousing, Distribution, Storage
16	1,079	13291 Ralston Ave	91342	Heavy Manufacturing
17	1,070	15900 Valley View Ct	91342	Heavy Manufacturing
18	1,065	15853 Olden St	91342	Light Manufacturing
19	1,042	13259 Ralston Ave	91342	Light Manufacturing
20	1,017	14093 Balboa Blvd	91342	Warehousing, Distribution, Storage

Rooftop Solar Potential of Los Angeles City Council District 7

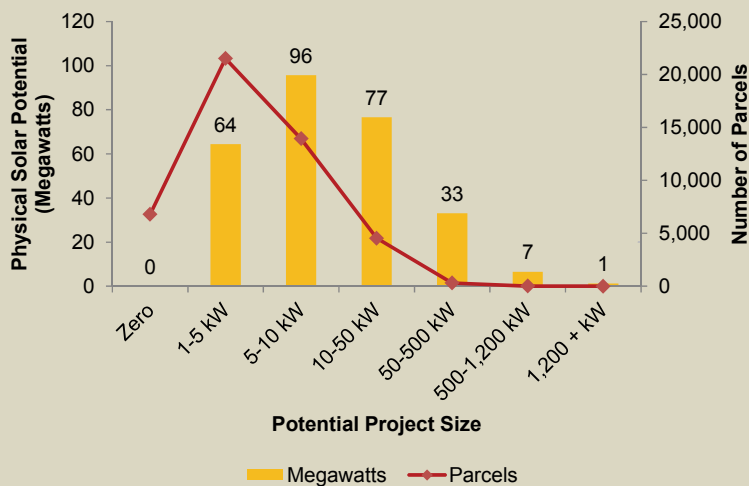


Solar Statistics of Los Angeles City Council District 8

Area 17.9 square miles
 Population 260,729 (2009 estimate)

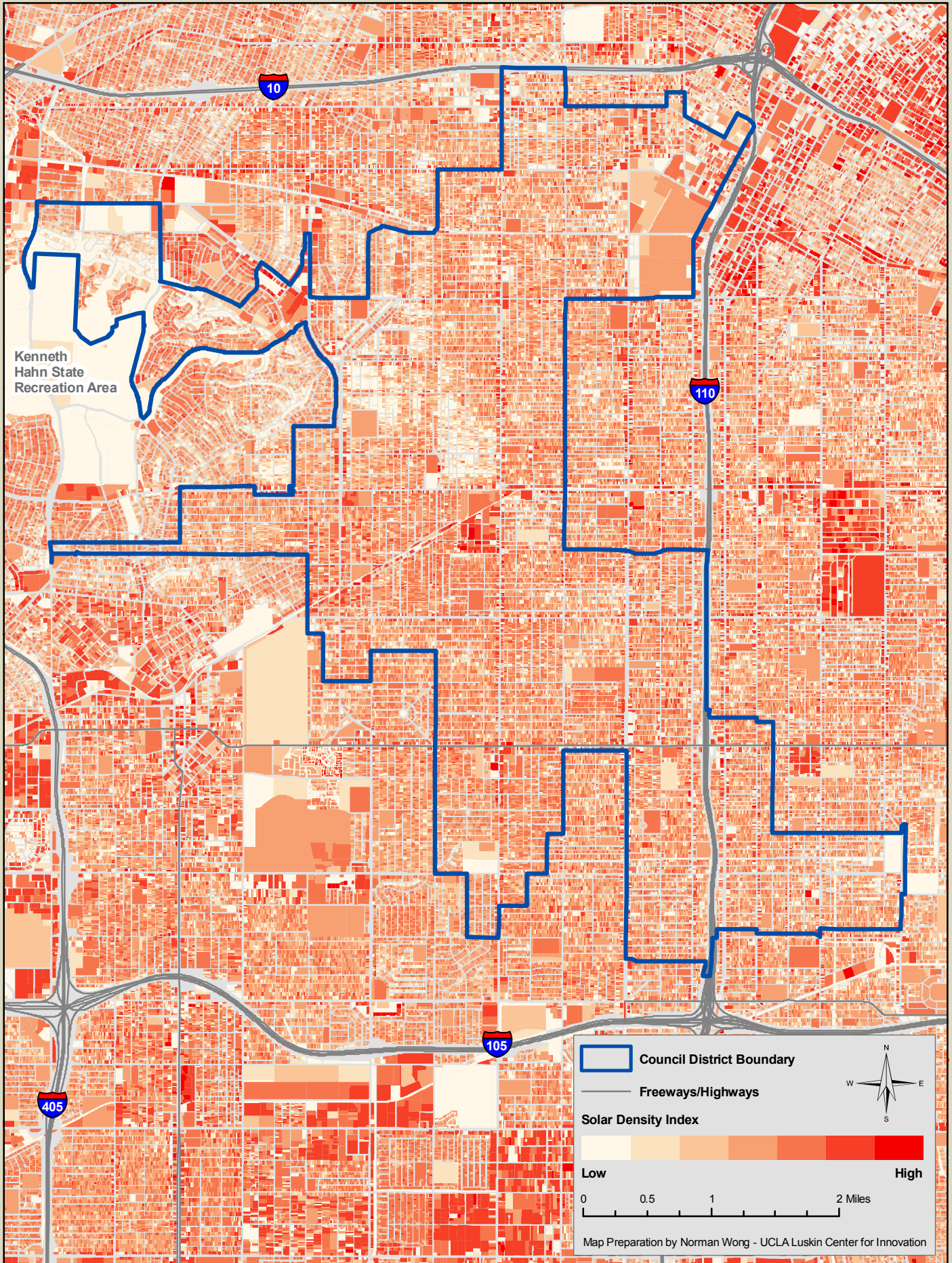
Total Potential Sites	40,285		
Commercial & Industrial	6.1%	Median Rooftop Availability	19.5%
Multi-family	25.7%	Median Potential of Parcels	4.1 Kilowatts
Single Family	66.9%	Median Solar Density Index	11.2%
Government or Non-profit	1.2%	Total Rooftop Solar Potential	278 Megawatts

Council District 8: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 8				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	1,311	7833 S Vermont Ave	90044	Colleges, Universities (Private)
2	1,015	3650 W Martin Luther King Jr Blvd	90008	Parking Lots (Commercial Use Properties)
3	981	1830 W Slauson Ave	90047	Department Stores
4	774	6100 S Gramercy Pl	90047	Light Manufacturing
5	725	1600 W Slauson Ave	90047	Stores
6	719	3301 S Hoover St	90007	Shopping Centers (Neighborhood, community)
7	709	3650 W Martin Luther King Jr Blvd	90008	Shopping Centers (Regional)
8	565	3755 Santa Rosalia Dr	90008	Shopping Centers (Regional)
9	548	3601 S La Brea Ave	90016	Shopping Centers (Regional)
10	545	8811 S Western Ave	90047	Supermarkets
11	494	6007 S St Andrews Pl	90047	Food Processing Plants
12	480	1933 W 60th St	90047	Heavy Manufacturing
13	462	3240 W Slauson Ave	90043	Shopping Centers (Regional)
14	432	1820 W Slauson Ave	90047	Shopping Centers (Neighborhood, community)
15	432	1027 W 34th St	90089	Colleges, Universities (Private)
16	403	663 W 34th St	90089	Colleges, Universities (Private)
17	371	8055 S Vermont Ave	90044	Churches
18	368	2601 S Figueroa St	90007	Banks Savings & Loan
19	358	6001 S Gramercy Pl	90047	Warehousing, Distribution, Storage
20	356	4005 Crenshaw Blvd	90008	Shopping Centers (Regional)

Rooftop Solar Potential of Los Angeles City Council District 8

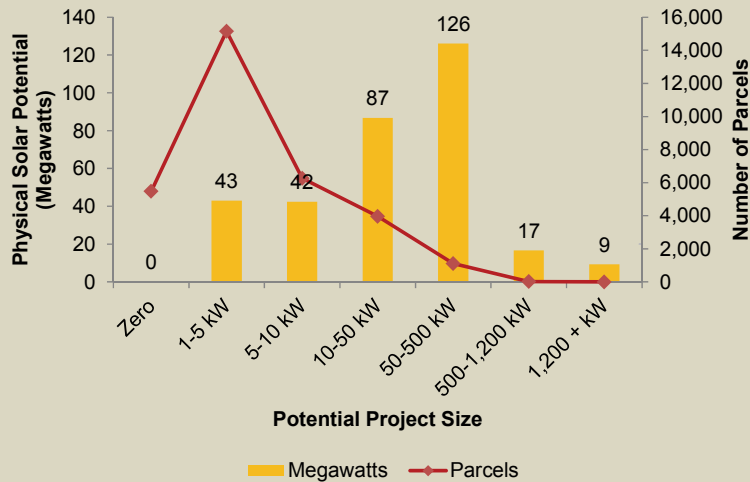


Solar Statistics of Los Angeles City Council District 9

Area 14.7 square miles
 Population 257,927 (2009 estimate)

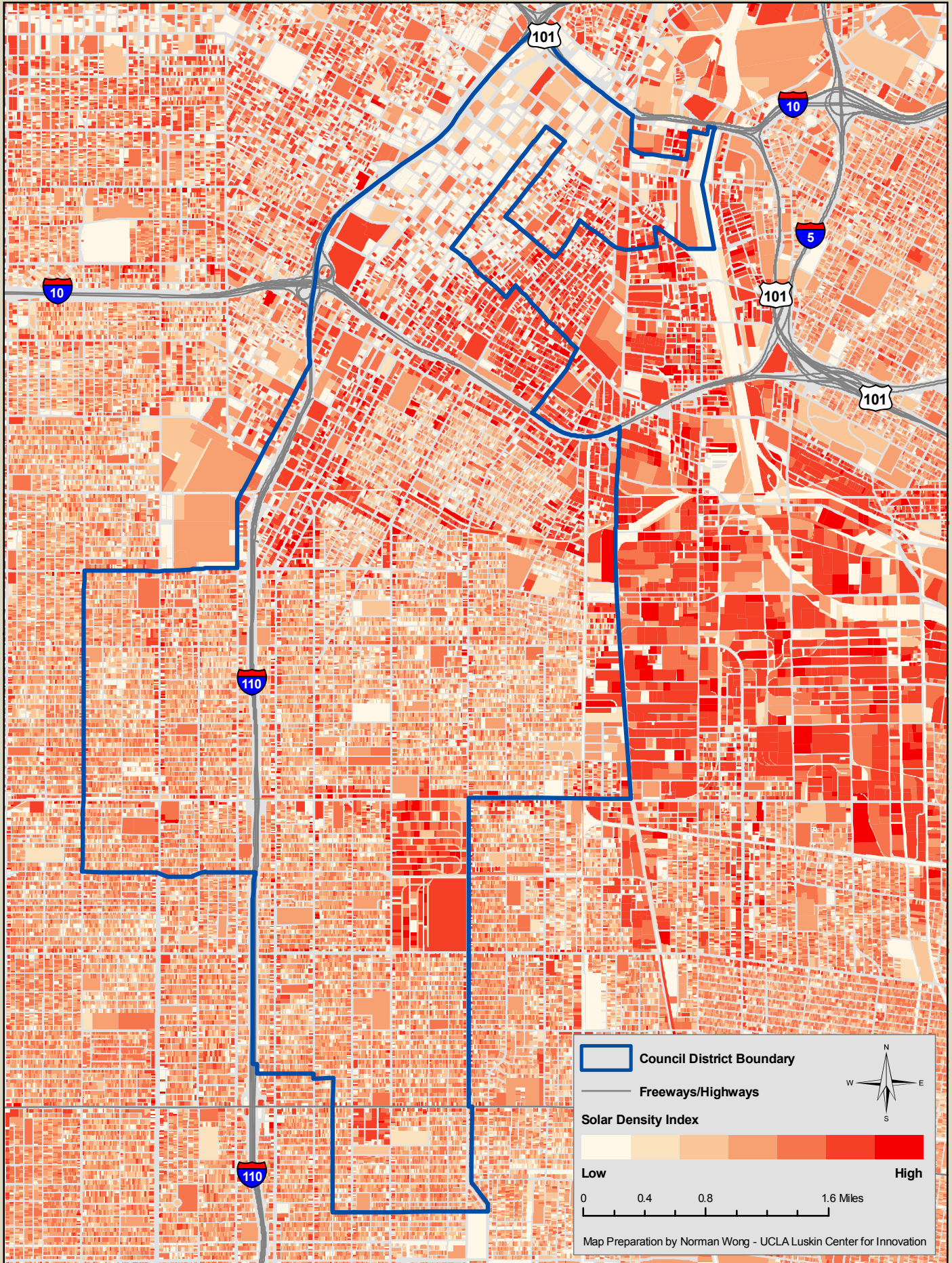
Total Potential Sites	26,517		
Commercial & Industrial	18.4%	Median Rooftop Availability	15.2%
Multi-family	40.7%	Median Potential of Parcels	3.4 Kilowatts
Single Family	39.5%	Median Solar Density Index	10.2%
Government or Non-profit	1.5%	Total Rooftop Solar Potential	324 Megawatts

Council District 9: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 9				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	4,402	2501 S Alameda St	90058	Warehousing, Distribution, Storage
2	1,945	2652 Long Beach Ave	90058	Warehousing, Distribution, Storage
3	1,773	4601 S Alameda St	90058	Warehousing, Distribution, Storage
4	1,213	410 S Central Ave	90013	Food Processing Plants
5	1,180	4851 S Alameda St	90058	Light Manufacturing
6	1,159	1111 S Figueroa St	90015	Athletic & Amusement Facilities
7	1,142	4922 Long Beach Ave	90058	Warehousing, Distribution, Storage
8	872	3401 S Grand Ave	90007	Warehousing, Distribution, Storage
9	809	915 S San Pedro St	90015	Wholesale & Manufacturing Outlets
10	794	4811 S Alameda St	90058	Warehousing, Distribution, Storage
11	777	5000 Long Beach Ave	90058	Heavy Manufacturing
12	773	3442 S Grand Ave	90007	Office Buildings
13	724	300 S Central Ave	90013	Warehousing, Distribution, Storage
14	723	988 W Slauson Ave	90044	Shopping Centers (Neighborhood, community)
15	699	914 E 29th St	90011	Warehousing, Distribution, Storage
16	692	1611 E Washington Blvd	90021	Department Stores
17	671	8805 Mettler Ave	90003	Light Manufacturing
18	648	5867 S Los Angeles St	90003	Heavy Manufacturing
19	633	1915 Maple Ave	90011	Industrial
20	607	2001 S Alameda St	90058	Light Manufacturing

Rooftop Solar Potential of Los Angeles City Council District 9

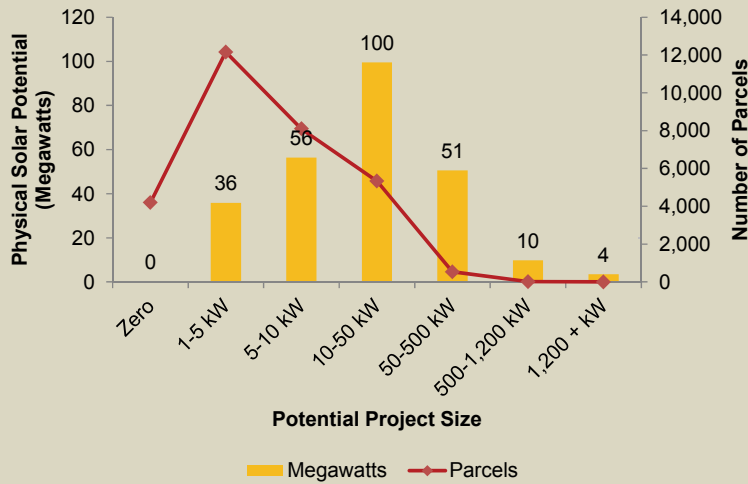


Solar Statistics of Los Angeles City Council District 10

Area 13.6 square miles
 Population 258,282 (2009 estimate)

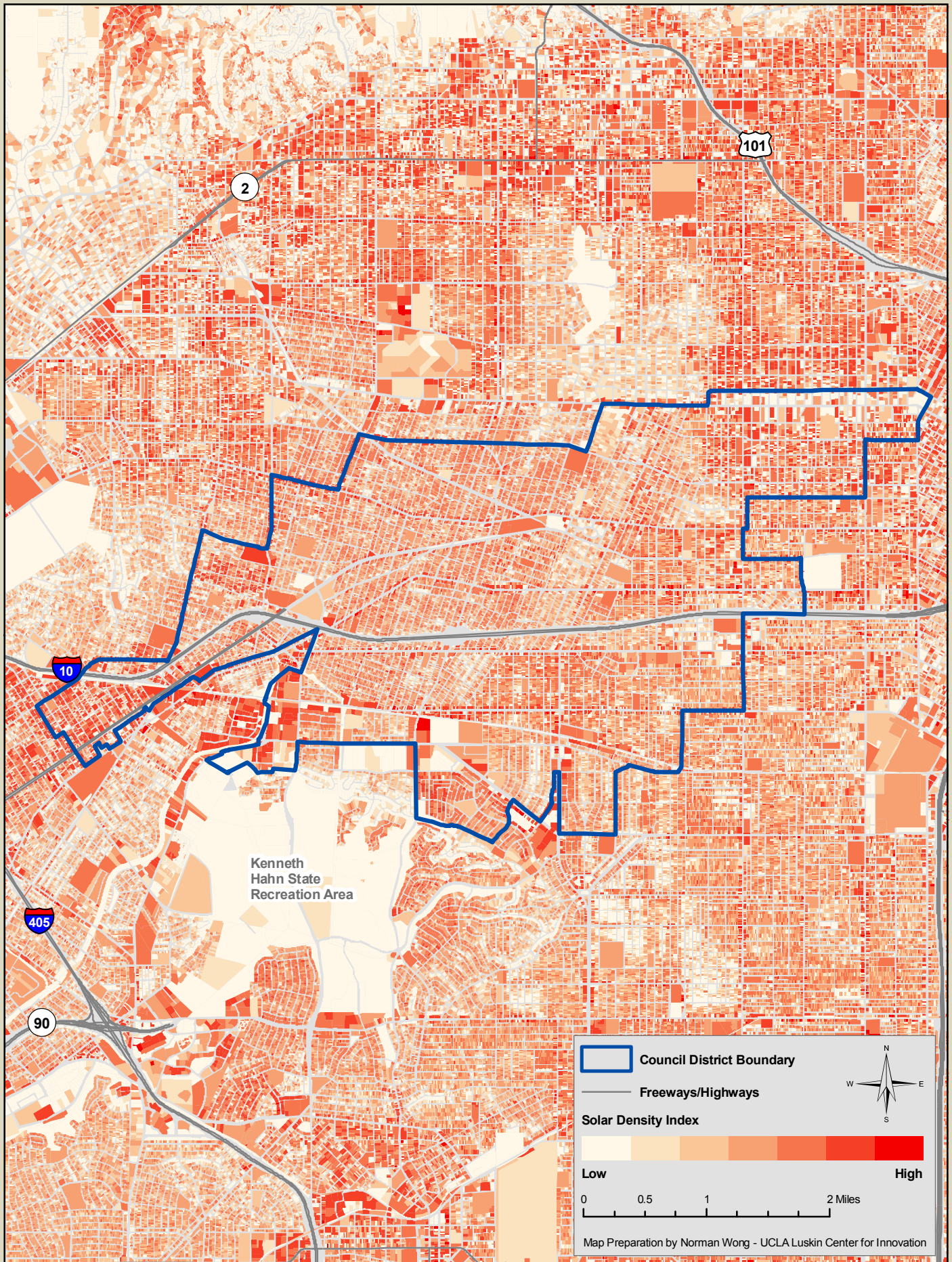
Total Potential Sites	26,138		
Commercial & Industrial	8.9%	Median Rooftop Availability	17.5%
Multi-family	41.0%	Median Potential of Parcels	4.6 Kilowatts
Single Family	49.2%	Median Solar Density Index	11.5%
Government or Non-profit	0.9%	Total Rooftop Solar Potential	256 Megawatts

Council District 10: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 10				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	1,814	1801 S La Cienega Blvd	90035	Shopping Centers (Neighborhood, community)
2	1,727	3430 S La Brea Ave	90016	Warehousing, Distribution, Storage
3	946	3535 S La Cienega Blvd	90016	Department Stores
4	820	4050 W Washington Blvd	90018	Shopping Centers (Neighborhood, community)
5	770	3423 S La Cienega Blvd	90016	Food Processing Plants
6	721	6041 Cadillac Ave	90034	Hospitals
7	696	8985 Venice Blvd	90034	Shopping Centers (Neighborhood, community)
8	673	8888 Venice Blvd	90034	Light Manufacturing
9	637	3414 S La Cienega Blvd	90016	Warehousing, Distribution, Storage
10	612	8800 Venice Blvd	90034	Store Combination
11	611	4502 Rodeo Ln	90016	Five or more apartments
12	610	2340 S Fairfax Ave	90016	Warehousing, Distribution, Storage
13	606	5060 Rodeo Rd	90016	Shopping Centers (Regional)
14	592	4551 W Martin Luther King Jr Blvd	90016	Five or more apartments
15	523	3552 S La Brea Ave	90016	Shopping Centers (Neighborhood, community)
16	522	3602 Crenshaw Blvd	90016	Churches
17	507	5890 W Jefferson Blvd	90016	Office Buildings
18	480	3485 S La Cienega Blvd	90016	Warehousing, Distribution, Storage
19	414	3440 Wilshire Blvd	90010	Office Buildings
20	404	5333 W Jefferson Blvd	90016	Department Stores

Rooftop Solar Potential of Los Angeles City Council District 10

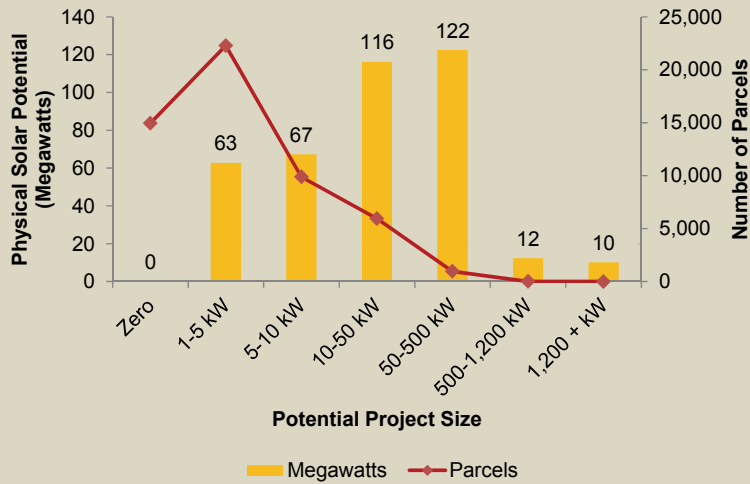


Solar Statistics of Los Angeles City Council District 11

Area 64.7 square miles
 Population 283,220 (2009 estimate)

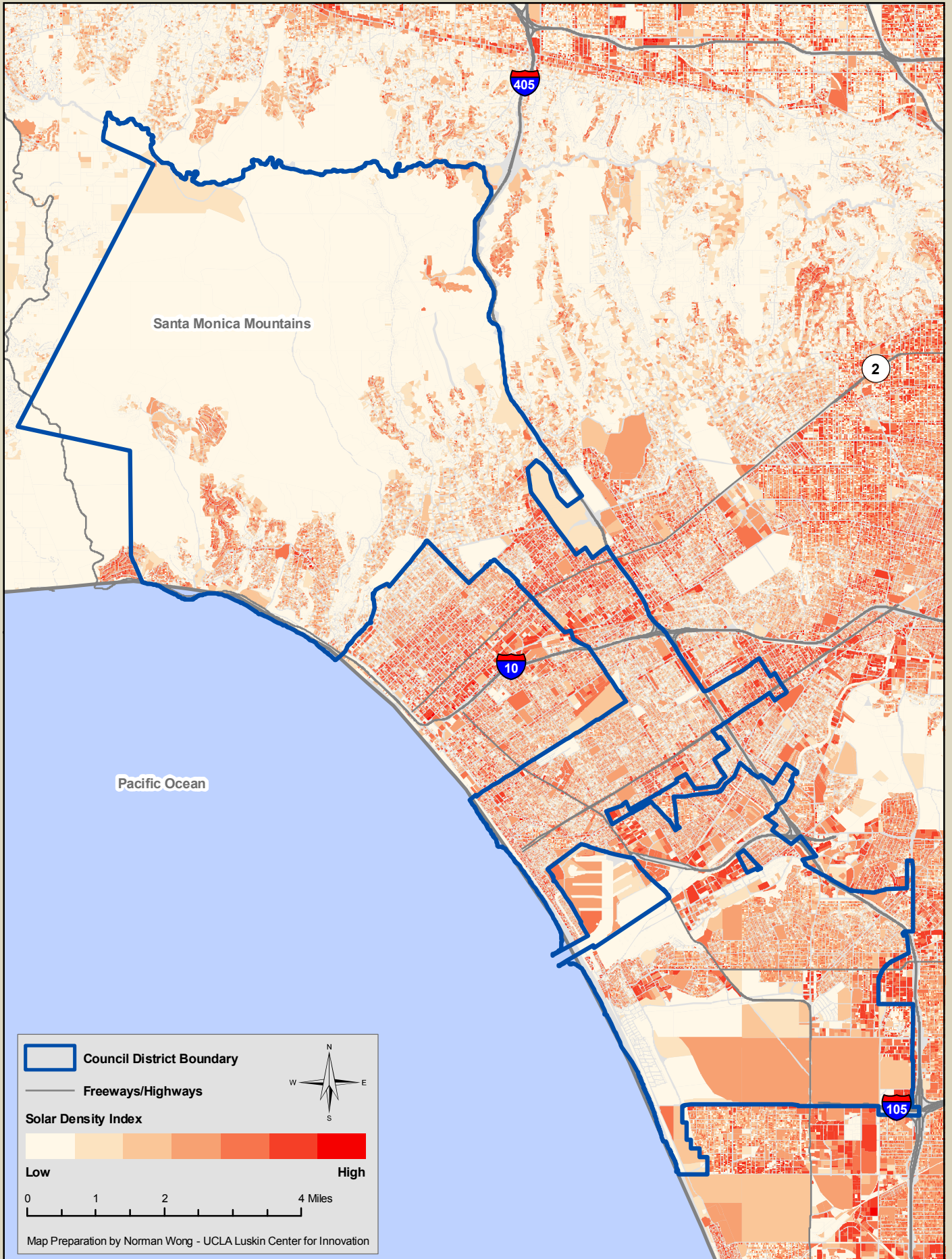
Total Potential Sites	39,108		
Commercial & Industrial	5.5%	Median Rooftop Availability	12.1%
Multi-family	19.2%	Median Potential of Parcels	2.9 Kilowatts
Single Family	74.9%	Median Solar Density Index	7.2%
Government or Non-profit	0.5%	Total Rooftop Solar Potential	391 Megawatts

Council District 11: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 11				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	2,588	13031 W Jefferson Blvd	90066	Government Parcel
2	2,463	1 LMU Dr	90045	Colleges, Universities (Private)
3	2,431	5525 W Imperial Hwy	90045	Heavy Manufacturing
4	1,405	12800 Culver Blvd	90066	Light Manufacturing
5	1,256	12655 Beatrice St	90066	Warehousing, Distribution, Storage
6	1,118	12975 W Jefferson Blvd	90066	Department Stores
7	1,016	9130 Bellanca Ave	90045	Light Manufacturing
8	852	5750 Mesmer Ave	90230	Supermarkets
9	787	12333 W Olympic Blvd	90064	Heavy Manufacturing
10	739	3658 S Sepulveda Blvd	90034	Five or more apartments
11	727	5353 Grosvenor Blvd	90066	Light Manufacturing
12	694	4755 Alla Rd	90041	Office Buildings
13	688	4241 Glencoe Ave	90292	Shopping Centers (Neighborhood, community)
14	660	8492 Osage Ave	90045	Warehousing, Distribution, Storage
15	634	1200 Getty Center Dr	90049	Government Parcel
16	627	8700 Pershing Dr	90293	Five or more apartments
17	602	311 Bora Bora Way	90292	Condominium
18	600	7600 W Manchester Ave	90293	Five or more apartments
19	575	9000 Airport Blvd	90045	Industrial
20	538	5760 Arbor Vitae St	90045	Warehousing, Distribution, Storage

Rooftop Solar Potential of Los Angeles City Council District 11

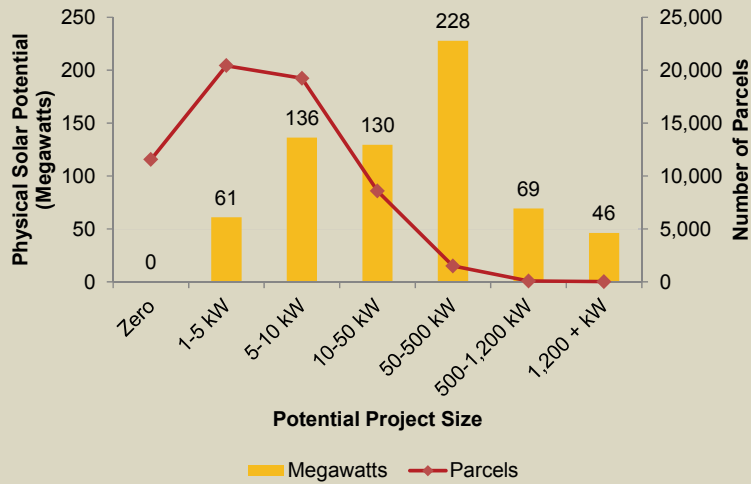


Solar Statistics of Los Angeles City Council District 12

Area 62.3 square miles
 Population 264,685 (2009 estimate)

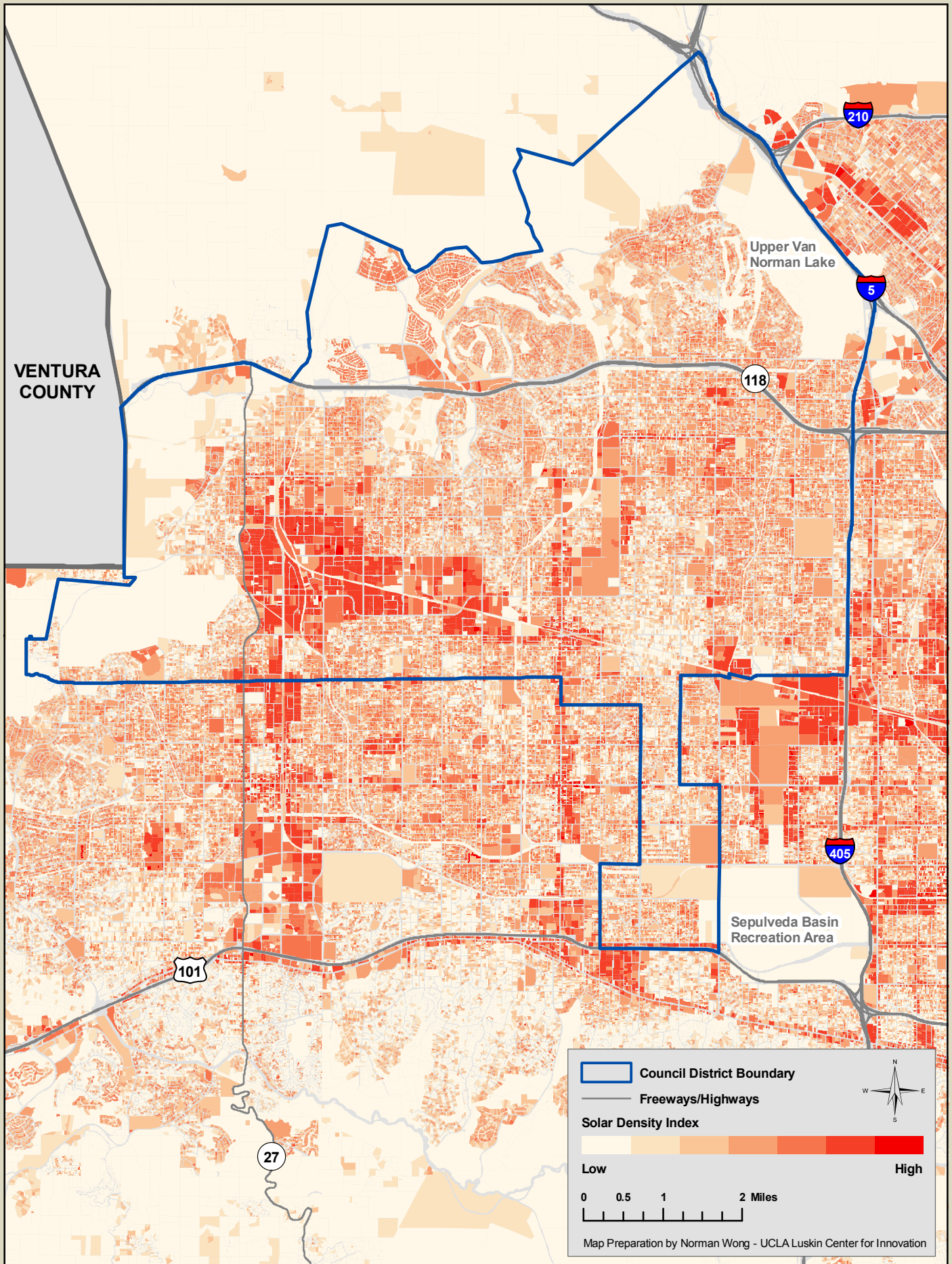
Total Potential Sites	49,870		
Commercial & Industrial	3.7%	Median Rooftop Availability	16.3%
Multi-family	2.8%	Median Potential of Parcels	4.8 Kilowatts
Single Family	93.2%	Median Solar Density Index	7.8%
Government or Non-profit	0.3%	Total Rooftop Solar Potential	670 Megawatts

Council District 12: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 12				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	4,524	20525 Nordhoff St	91311	Light Manufacturing
2	3,366	8500 Balboa Blvd	91406	Heavy Manufacturing
3	3,052	9301 Tampa Ave	91324	Shopping Centers (Regional)
4	2,673	9120 Mason Ave	91311	Light Manufacturing
5	2,447	8811 Canoga Ave	91304	Mobile Home Parks
6	2,404	8900 De Soto Ave	91311	Heavy Manufacturing
7	1,821	21500 Lassen St	91311	Mobile Home Parks
8	1,815	20701 Plummer St	91311	Light Manufacturing
9	1,755	20652 Lassen St	91311	Mobile Home Parks
10	1,683	17941 Chatsworth St	91344	Restaurants, Cocktail Lounges
11	1,610	20730 Prairie St	91311	Light Manufacturing
12	1,568	9400 Oso Ave	91311	Light Manufacturing
13	1,555	18000 Chatsworth St	91344	Office Buildings
14	1,511	9301 Tampa Ave	91324	Shopping Centers (Regional)
15	1,453	9301 Tampa Ave	91324	Shopping Centers (Regional)
16	1,394	8733 Shirley Ave	91324	Light Manufacturing
17	1,382	8901 Eton Ave	91304	Mobile Home Parks
18	1,362	9151 Mason Ave	91311	Light Manufacturing
19	1,331	21541 Nordhoff St	91311	Light Manufacturing
20	1,271	8901 Canoga Ave	91304	Warehousing, Distribution, Storage

Rooftop Solar Potential of Los Angeles City Council District 12

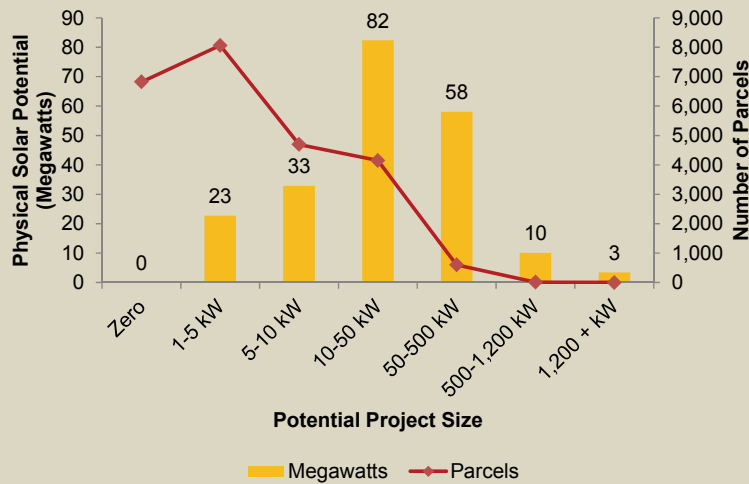


Solar Statistics of Los Angeles City Council District 13

Area 13.1 square miles
 Population 263,691 (2009 estimate)

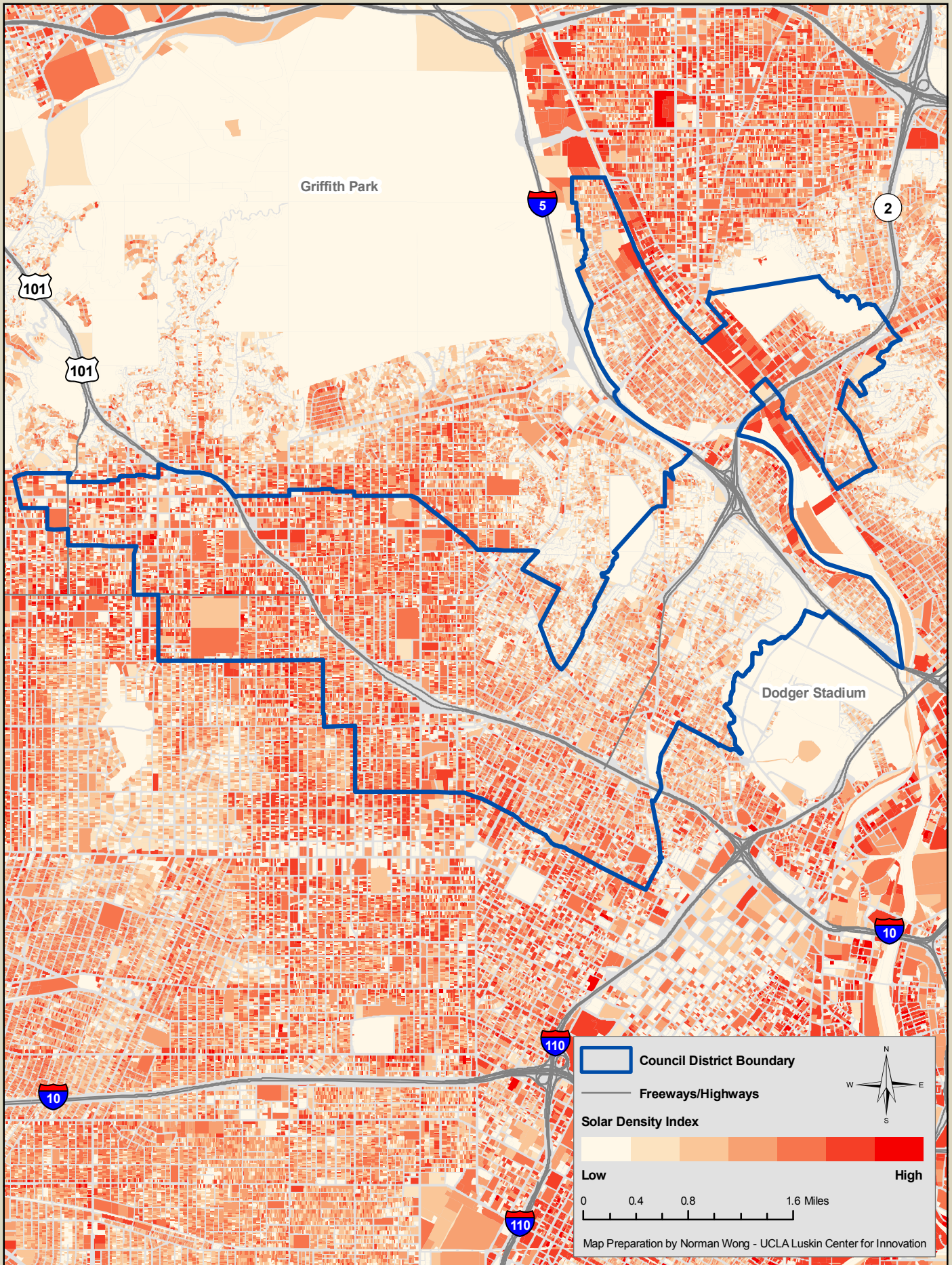
Total Potential Sites	17,518		
Commercial & Industrial	13.1%	Median Rooftop Availability	12.7%
Multi-family	51.9%	Median Potential of Parcels	3.4 Kilowatts
Single Family	33.7%	Median Solar Density Index	8.7%
Government or Non-profit	1.3%	Total Rooftop Solar Potential	210 Megawatts

Council District 13: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 13				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	2,201	3410 N San Fernando Rd	90065	Light Manufacturing
2	1,278	2901 Los Feliz Blvd	90039	Shopping Centers (Neighborhood, community)
3	1,173	3334 N San Fernando Rd	90065	Light Manufacturing
4	1,166	209 S Westmoreland Ave	90004	Five or more apartments
5	1,161	3150 N San Fernando Rd	90065	Department Stores
6	1,063	1438 N Gower St	90028	Motion Picture, Radio & Television
7	950	5600 W Sunset Blvd	90028	Department Stores
8	816	5420 W Sunset Blvd	90027	Supermarkets
9	601	4550 W Sunset Blvd	90027	Hospitals
10	564	3116 W Avenue 32	90065	Warehousing, Distribution, Storage
11	551	3345 Casitas Ave	90039	Light Manufacturing
12	535	2330 Ripple St	90039	Lumber Yards
13	525	2856 Los Feliz Pl	90039	Warehousing, Distribution, Storage
14	511	3221 N San Fernando Rd	90065	Heavy Manufacturing
15	509	3030 Andrita St	90065	Motion Picture, Radio & Television
16	476	3200 N San Fernando Rd	90065	Office Buildings
17	433	1417 N Western Ave	90027	Shopping Centers (Neighborhood, community)
18	420	741 N Vermont Ave	90029	Schools (Private)
19	411	3333 N San Fernando Rd	90065	Warehousing, Distribution, Storage
20	407	3810 Eagle Rock Blvd	90065	Warehousing, Distribution, Storage

Rooftop Solar Potential of Los Angeles City Council District 13

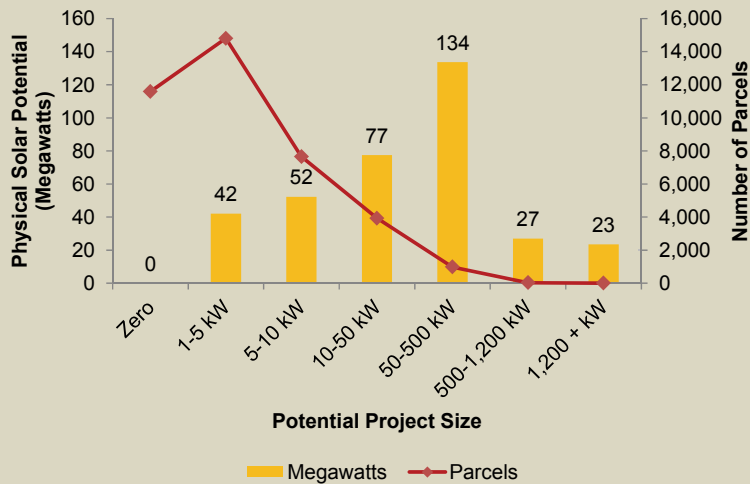


Solar Statistics of Los Angeles City Council District 14

Area 22.9 square miles
 Population 254,560 (2009 estimate)

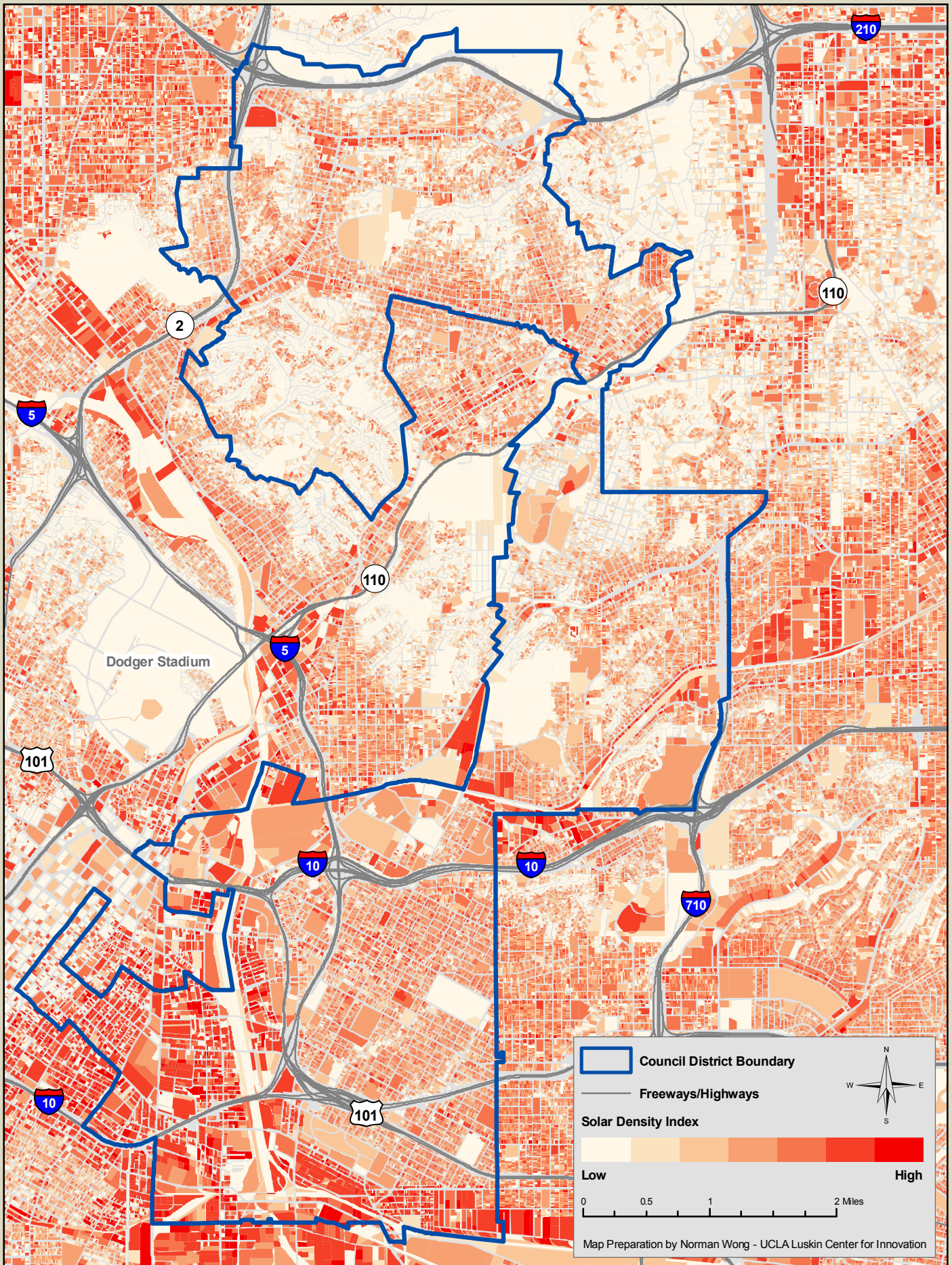
Total Potential Sites	27,416		
Commercial & Industrial	14.3%	Median Rooftop Availability	13.2%
Multi-family	26.7%	Median Potential of Parcels	2.9 Kilowatts
Single Family	58.1%	Median Solar Density Index	7.6%
Government or Non-profit	0.9%	Total Rooftop Solar Potential	356 Megawatts

Council District 14: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 14				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	3,629	1800 N Main St	90031	Warehousing, Distribution, Storage
2	2,703	3820 Union Pacific Ave	90023	Heavy Manufacturing
3	2,693	1601 E Olympic Blvd	90021	Warehousing, Distribution, Storage
4	2,126	3020 E Washington Blvd	90023	Heavy Manufacturing
5	2,090	4121 Valley Blvd	90032	Parking Lots (Industrial Use Properties)
6	2,063	2700 Colorado Blvd	90041	Shopping Centers (Regional)
7	1,873	2555 E Olympic Blvd	90023	Warehousing, Distribution, Storage
8	1,848	1444 S Alameda St	90021	Warehousing, Distribution, Storage
9	1,599	1321 Wholesale St	90021	Warehousing, Distribution, Storage
10	1,471	500 S Central Ave	90013	Warehousing, Distribution, Storage
11	1,341	2626 Colorado Blvd	90041	Shopping Centers (Regional)
12	1,173	1791 Bay St	90021	Warehousing, Distribution, Storage
13	1,161	1815 S Soto St	90023	Warehousing, Distribution, Storage
14	1,158	1200 N State St	90089	Government Parcel
15	1,126	1312 E 7th St	90021	Warehousing, Distribution, Storage
16	1,124	1500 S Evergreen Ave	90023	Warehousing, Distribution, Storage
17	1,065	3700 E Olympic Blvd	90023	Light Manufacturing
18	1,042	1995 E 20th St	90058	Food Processing Plants
19	1,027	2251 Jesse St	90023	Heavy Manufacturing
20	1,008	1248 Palmetto St	90013	Light Manufacturing

Rooftop Solar Potential of Los Angeles City Council District 14

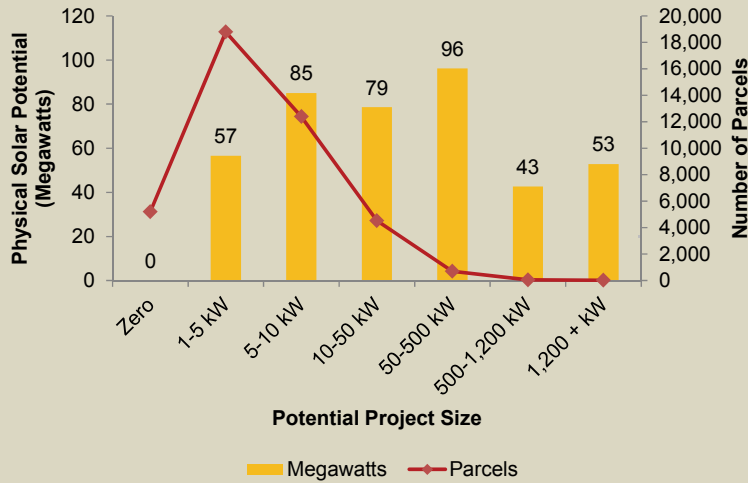


Solar Statistics of Los Angeles City Council District 15

Area 38.5 square miles
 Population 274,819 (2009 estimate)

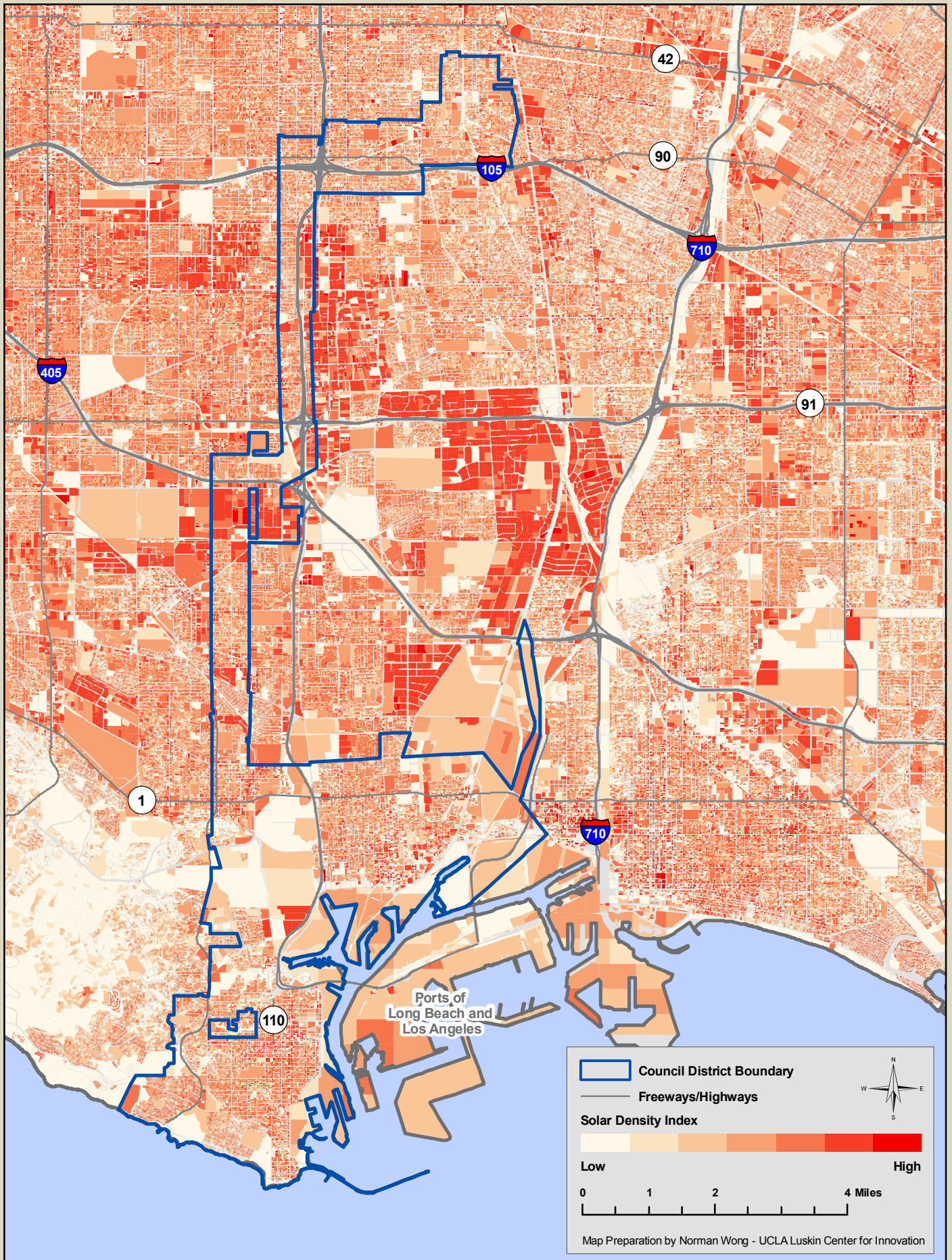
Total Potential Sites	36,476		
Commercial & Industrial	6.8%	Median Rooftop Availability	21.0%
Multi-family	23.2%	Median Potential of Parcels	4.3 Kilowatts
Single Family	69.3%	Median Solar Density Index	11.3%
Government or Non-profit	0.8%	Total Rooftop Solar Potential	412 Megawatts

Council District 15: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Council District 15				
Rank	Potential (kW)	Address	Zip Code	Use Description
1	6,987	300 Westmont Dr	90731	Warehousing, Distribution, Storage
2	4,797	400 Westmont Dr	90731	Warehousing, Distribution, Storage
3	3,596	20333 Normandie Ave	90502	Food Processing Plants
4	3,313	401 Westmont Dr	90731	Warehousing, Distribution, Storage
5	2,095	301 Westmont Dr	90731	Warehousing, Distribution, Storage
6	2,020	1660 W Anaheim St	90744	Mineral Processing
7	1,943	19500 S Vermont Ave	90502	Light Manufacturing
8	1,940	1000 Francisco St	90502	Heavy Manufacturing
9	1,916	909 E Colon St	90744	Warehousing, Distribution, Storage
10	1,808	1331 Torrance Blvd	90501	Warehousing, Distribution, Storage
11	1,789	1540 Francisco St	90501	Warehousing, Distribution, Storage
12	1,586	1580 Francisco St	90501	Warehousing, Distribution, Storage
13	1,520	760 Lomita Blvd	90710	Mobile Home Parks
14	1,493	1949 N Gaffey St	90731	Warehousing, Distribution, Storage
15	1,396	19301 Pacific Gateway Dr	90502	Warehousing, Distribution, Storage
16	1,362	970 Francisco St	90015	Warehousing, Distribution, Storage
17	1,345	19681 Pacific Gateway Dr	90502	Warehousing, Distribution, Storage
18	1,345	920 E Pacific Coast Hwy	90744	Heavy Manufacturing
19	1,327	20000 S Western Ave	90501	Heavy Manufacturing
20	1,310	747 W Redondo Beach Blvd	90247	Light Manufacturing

Rooftop Solar Potential of Los Angeles City Council District 15

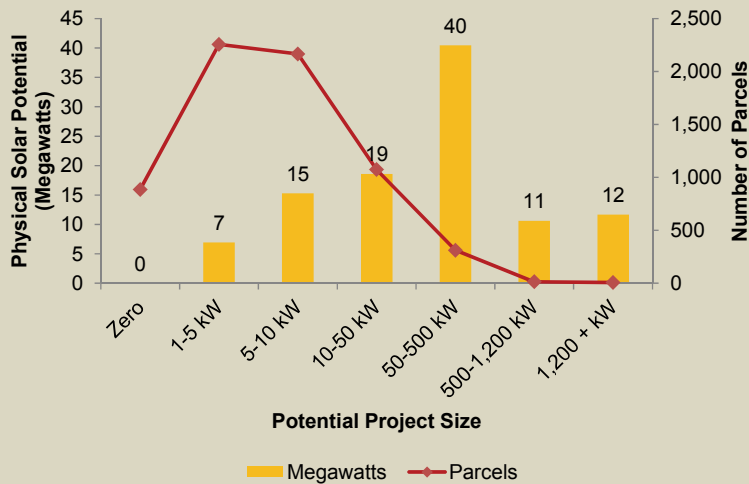


Solar Statistics of Azusa Light & Water Service Territory

Area 8.0 square miles
 Population 49,207 (2009 estimate)

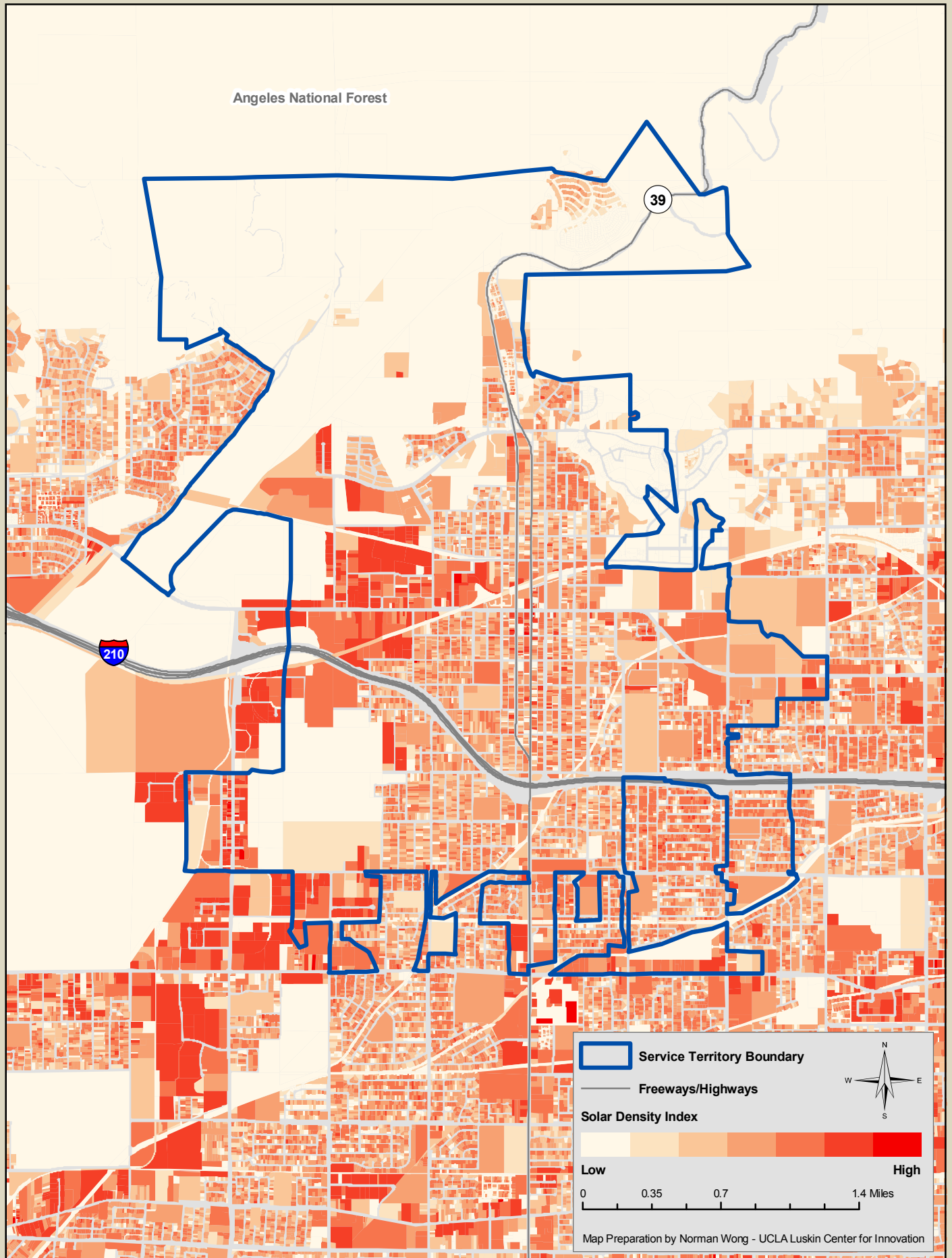
Total Potential Sites	5,825		
Commercial & Industrial	10.1%	Median Rooftop Availability	23.3%
Multi-family	13.5%	Median Potential of Parcels	5.3 Kilowatts
Single Family	75.6%	Median Solar Density Index	11.5%
Government or Non-profit	0.7%	Total Rooftop Solar Potential	104 Megawatts

Azusa Light & Water: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Azusa Light and Water Service Territory				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	2,193	1100 W Hollyvale Ave	91702	Heavy Manufacturing
2	1,820	701 E Foothill Blvd	91702	Colleges, Universities (Private)
3	1,792	1075 W 8th St	91702	Warehousing, Distribution, Storage
4	1,783	985 W 8th St	91702	Warehousing, Distribution, Storage
5	1,415	825 W 8th St	91702	Warehousing, Distribution, Storage
6	1,397	1100 W Hollyvale St	91702	Heavy Manufacturing
7	1,280	1220 W Foothill Blvd	91702	Department Stores
8	999	1120 W Foothill Blvd	91702	Food Processing Plants
9	995	970 W Sierra Madre Ave	91702	Warehousing, Distribution, Storage
10	995	1344 W Foothill Blvd	91702	Warehousing, Distribution, Storage
11	949	1000 W Sierra Madre Ave	91702	Light Manufacturing
12	863	153 E Gladstone St	91702	Shopping Centers (Neighborhood, community)
13	856	601 S Vincent Ave	91702	Light Manufacturing
14	753	791 S Azusa Ave	91702	Warehousing, Distribution, Storage
15	742	1140 W Foothill Blvd	91702	Warehousing, Distribution, Storage
16	634	855 S Citrus Ave	91702	Five or more apartments
17	625	840 E Foothill Blvd	91702	Mobile Home Parks
18	614	500 W Danlee St	91702	Industrial
19	546	875 W 8th St	91702	Warehousing, Distribution, Storage
20	527	1151 W 5th St	91702	Light Manufacturing

Rooftop Solar Potential of Azusa Light & Power Service Territory

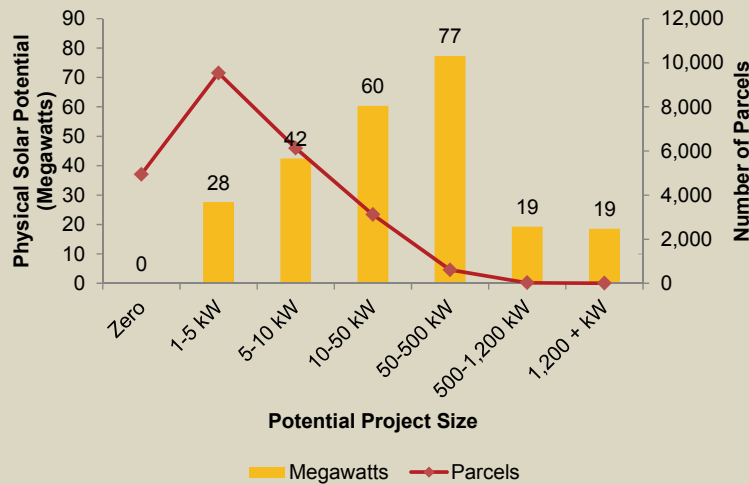


Solar Statistics of Burbank Water & Power Service Territory

Area 17.0 square miles
 Population 108,469 (2009 estimate)

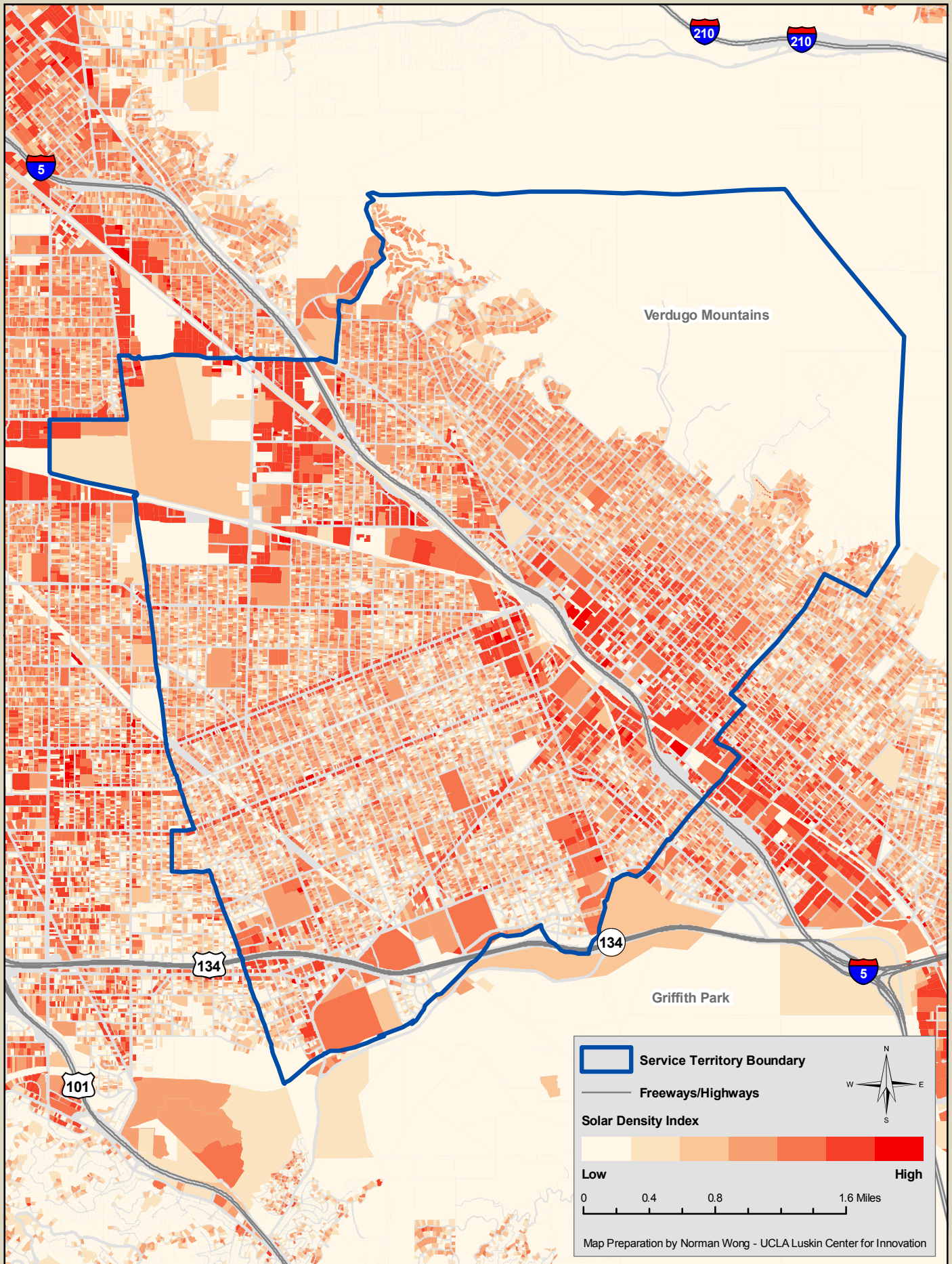
Total Potential Sites	19,431		
Commercial & Industrial	11.0%	Median Rooftop Availability	16.0%
Multi-family	15.2%	Median Potential of Parcels	3.8 Kilowatts
Single Family	73.3%	Median Solar Density Index	8.8%
Government or Non-profit	0.5%	Total Rooftop Solar Potential	245 Megawatts

Burbank Water & Power: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Burbank Water and Power Service Territory				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	3,652	1501 N Victory Pl	91502	Shopping Centers (Regional)
2	3,316	500 S Buena Vista St	91521	Athletic & Amusement Facilities
3	2,991	3000 W Alameda Ave	91523	Motion Picture, Radio & Television
4	2,102	805 S San Fernando Blvd	91502	Heavy Manufacturing
5	1,391	10950 Sherman Way	91505	Warehousing, Distribution, Storage
6	1,301	1800 W Empire Ave	91504	Department Stores
7	1,298	1051 W Burbank Blvd	91506	Department Stores
8	1,255	3701 W Oak St	91505	Motion Picture, Radio & Television
9	1,215	1301 N Victory Pl	91502	Department Stores
10	1,070	201 E Magnolia Blvd	91502	Shopping Centers (Regional)
11	1,032	649 N Victory Blvd	91502	Shopping Centers (Neighborhood, community)
12	1,010	1 W Alameda Ave	91502	Light Manufacturing
13	988	600 N San Fernando Blvd	91502	Shopping Centers (Regional)
14	927	1935 N Buena Vista St	91504	Office Buildings
15	891	3800 W Vanowen St	91505	Warehousing, Distribution, Storage
16	882	550 N 1st St	91502	Shopping Centers (Regional)
17	838	2701 N Ontario St	91504	Light Manufacturing
18	825	2311 N Hollywood Way	91505	Department Stores
19	809	4500 W Vanowen St	91505	Light Manufacturing
20	798	2777 N Ontario St	91504	Office Buildings

Rooftop Solar Potential of Burbank Water & Power Service Territory

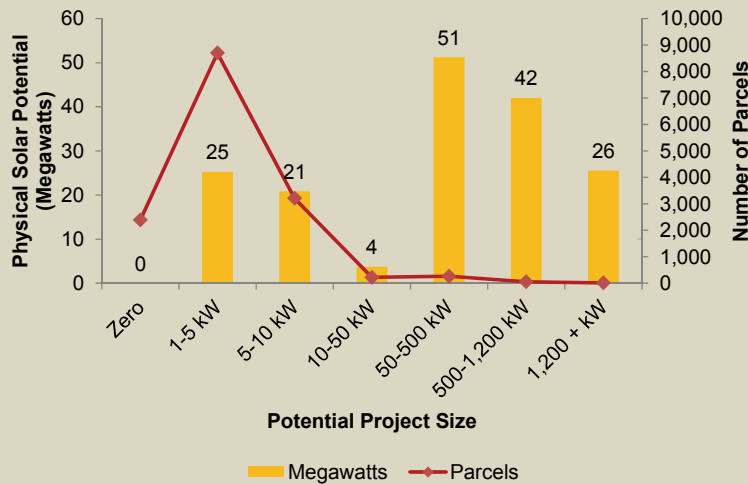


Solar Statistics of Cerritos Electric Utility Service Territory

Area 8.0 square miles
 Population 54,946 (2009 estimate)

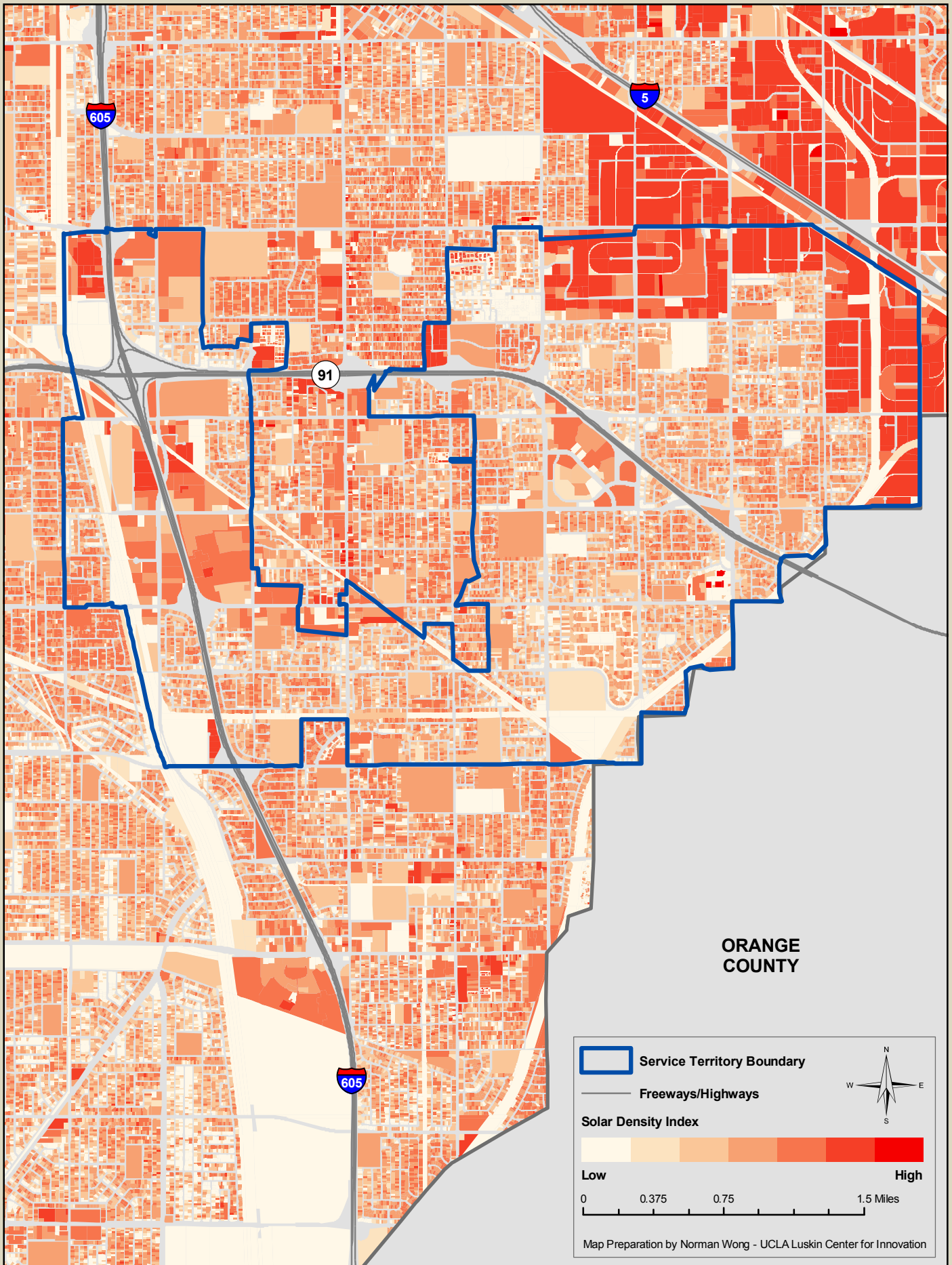
Total Potential Sites	12,462		
Commercial & Industrial	3.3%	Median Rooftop Availability	13.8%
Multi-family	0.3%	Median Potential of Parcels	3.1 Kilowatts
Single Family	96.1%	Median Solar Density Index	8.5%
Government or Non-profit	0.2%	Total Rooftop Solar Potential	169 Megawatts

Cerritos Electric Utility: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Cerritos Electric Utility Service Territory				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	3,188	239 Los Cerritos Mall	90703	Shopping Centers (Regional)
2	2,544	13910 Cerritos Corporate Dr	90703	Warehousing, Distribution, Storage
3	2,495	18021 Valley View Ave	90703	Heavy Manufacturing
4	2,442	16016 Arthur St	90703	Warehousing, Distribution, Storage
5	2,185	12889 Moore St	90703	Warehousing, Distribution, Storage
6	1,831	13233 Moore St	90703	Warehousing, Distribution, Storage
7	1,639	15927 Distribution Way	90703	Warehousing, Distribution, Storage
8	1,459	17101 Valley View Ave	90703	Warehousing, Distribution, Storage
9	1,431	16200 Carmenita Rd	90703	Warehousing, Distribution, Storage
10	1,349	13747 Midway St	90703	Light Manufacturing
11	1,283	16089 Shoemaker Ave	90703	Warehousing, Distribution, Storage
12	1,260	15928 Commerce Way	90703	Warehousing, Distribution, Storage
13	1,246	17817 Valley View Ave	90703	Warehousing, Distribution, Storage
14	1,201	13012 Midway Pl	90703	Warehousing, Distribution, Storage
15	1,156	15931 Commerce Way	90703	Warehousing, Distribution, Storage
16	1,116	11525 South St	90703	Department Stores
17	1,055	13226 Alondra Blvd	90703	Warehousing, Distribution, Storage
18	1,043	17321 Valley View Ave	90703	Light Manufacturing
19	1,037	10930 Alondra Blvd	90703	Shopping Centers (Neighborhood, community)
20	1,025	14104 Arbor Pl	90703	Warehousing, Distribution, Storage

Rooftop Solar Potential of Cerritos Electric Utility Service Territory

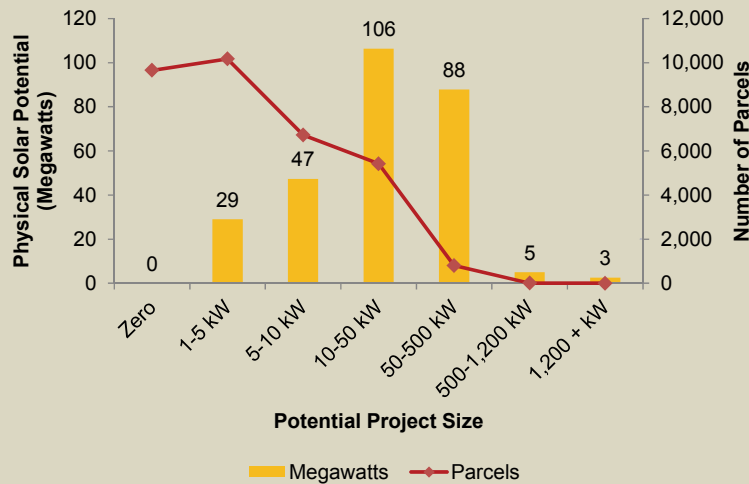


Solar Statistics of Glendale Water & Power Service Territory

Area 30.0 square miles
 Population 207,902 (2009 estimate)

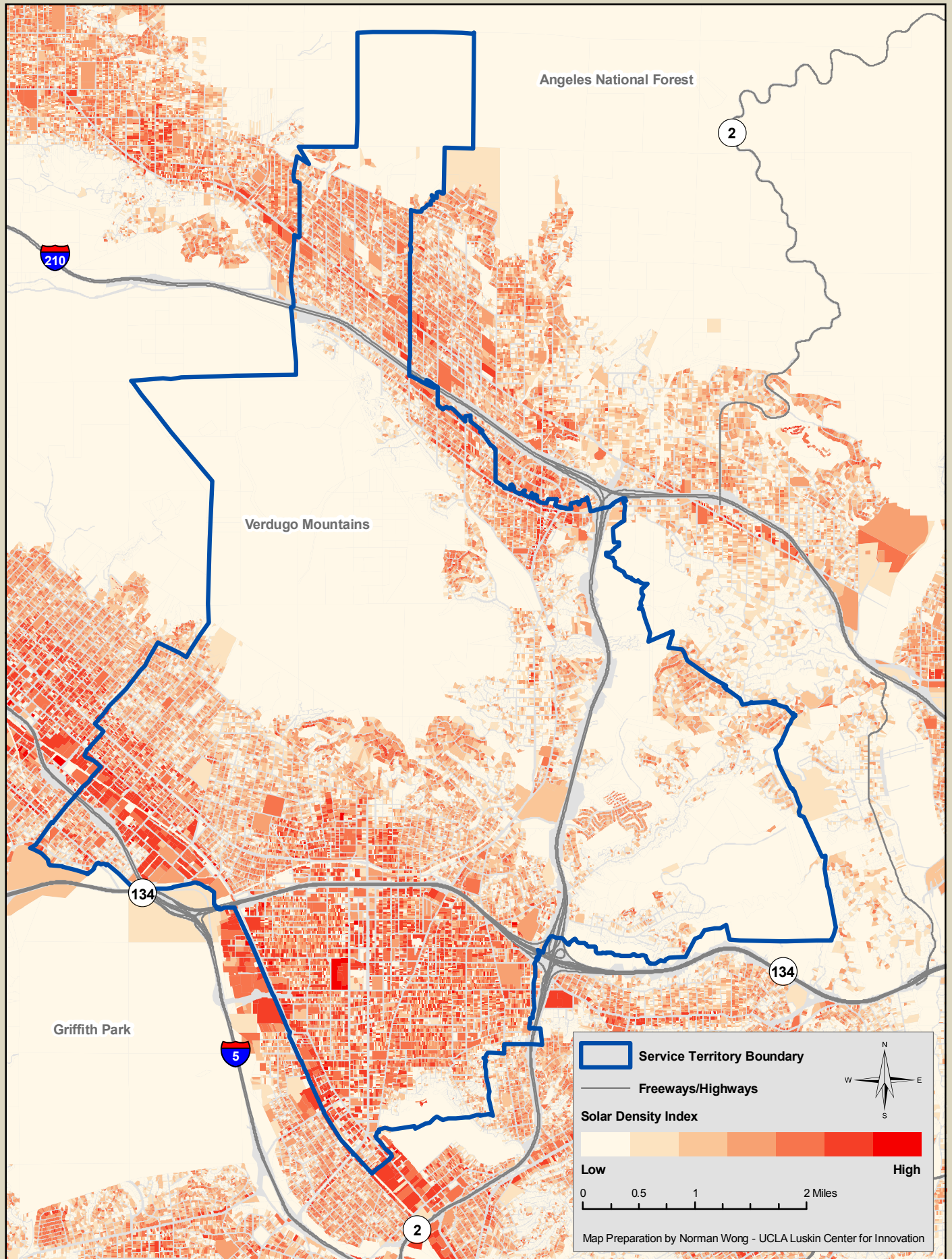
Total Potential Sites	23,125		
Commercial & Industrial	10.1%	Median Rooftop Availability	12.8%
Multi-family	24.0%	Median Potential of Parcels	3.4 Kilowatts
Single Family	65.2%	Median Solar Density Index	7.0%
Government or Non-profit	0.8%	Total Rooftop Solar Potential	278 Megawatts

Glendale Water & Power: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Glendale Water and Power Service Territory				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	1,429	111 S Central Ave	91206	Shopping Centers (Regional)
2	1,203	5426 San Fernando Rd	91203	Light Manufacturing
3	929	1401 Flower St	91201	Motion Picture, Radio & Television
4	626	907 Flower St	91201	Warehousing, Distribution, Storage
5	624	833 Sonora Ave	91201	Light Manufacturing
6	613	1000 Flower St	91201	Motion Picture, Radio & Television
7	603	1509 Wilson Ter	91206	Hospitals
8	602	1015 Grandview Ave	91201	Office Buildings
9	528	333 E Colorado St	91205	Department Stores
10	506	905 Thompson Ave	91201	Warehousing, Distribution, Storage
11	468	223 N Glendale Ave	91206	Shopping Centers (Neighborhood, community)
12	439	300 W Broadway	91204	Department Stores
13	437	4844 San Fernando Rd	91204	Light Manufacturing
14	429	561 N Glendale Ave	91206	Supermarkets
15	429	245 W Loraine St	91202	Five or more apartments
16	416	1137 N Central Ave	91202	Five or more apartments
17	405	1035 N Central Ave	91202	Five or more apartments
18	403	3250 Fairesta St	91214	Five or more apartments
19	388	1435 Flower St	91201	Office Buildings
20	375	911 Justin Ave	91201	Light Manufacturing

Rooftop Solar Potential of Glendale Water & Power Service Territory

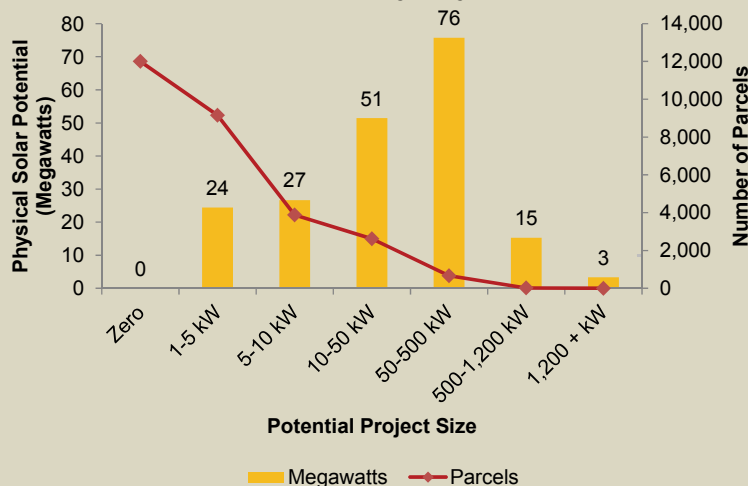


Solar Statistics of Pasadena Water & Power Service Territory

Area 23.0 square miles
 Population 151,576 (2009 estimate)

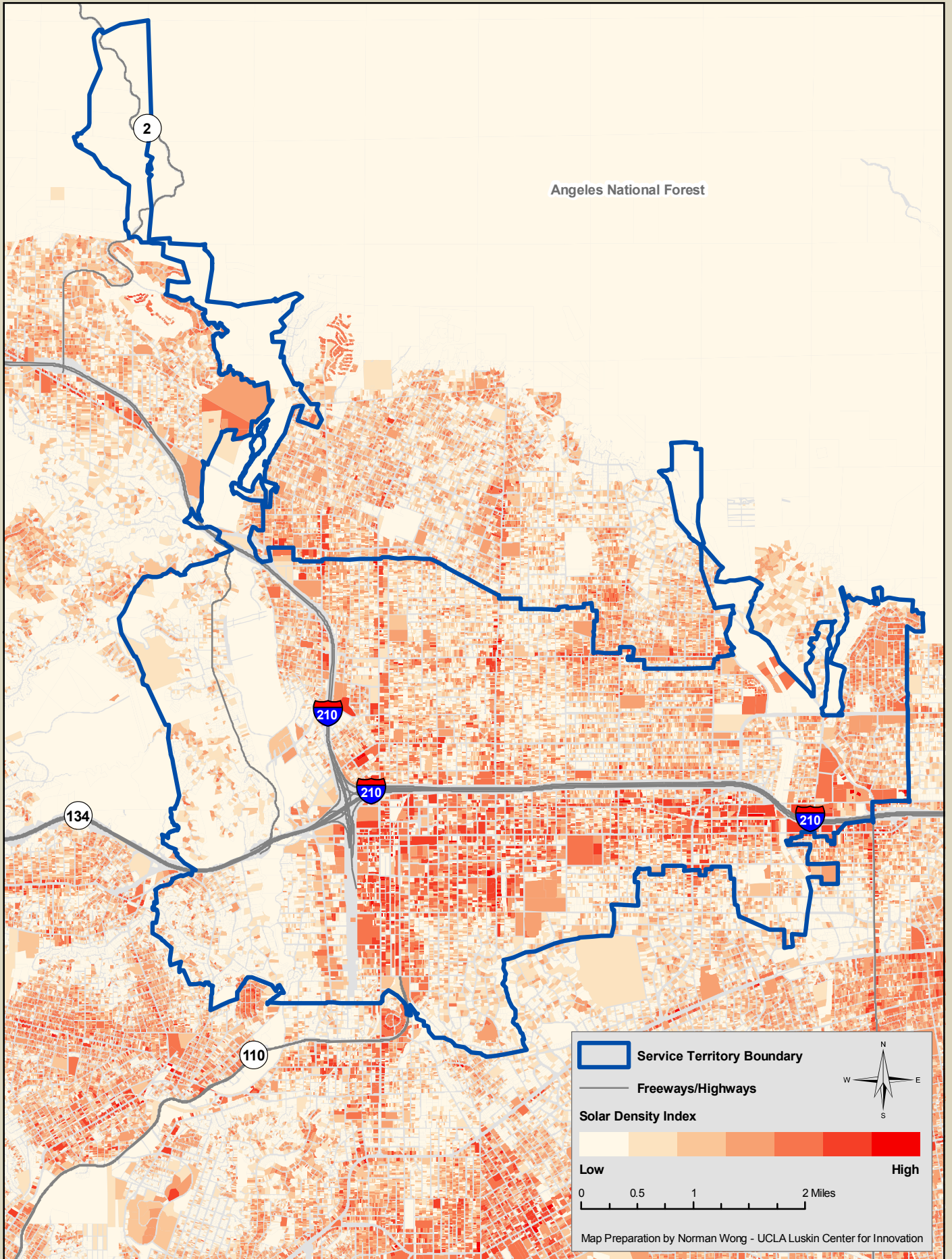
Total Potential Sites	16,341		
Commercial & Industrial	10.5%	Median Rooftop Availability	6.0%
Multi-family	19.8%	Median Potential of Parcels	1.7 Kilowatts
Single Family	68.0%	Median Solar Density Index	3.0%
Government or Non-profit	1.7%	Total Rooftop Solar Potential	197 Megawatts

Pasadena Water & Power: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Pasadena Water and Power Service Territory				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	1,841	3341 E Foothill Blvd	91107	Shopping Centers (Neighborhood, community)
2	1,527	2940 E Foothill Blvd	91121	Light Manufacturing
3	1,199	100 Congress St	91105	Hospitals
4	1,176	3121 E Colorado Blvd	91107	Stores
5	1,059	3202 E Foothill Blvd	91107	Warehousing, Distribution, Storage
6	1,032	1201 E California Blvd	91125	Colleges, Universities (Private)
7	933	75 N Fair Oaks Ave	91103	Office Buildings
8	888	3100 New York Dr	91107	Light Manufacturing
9	821	345 S Michigan Ave	91106	Colleges, Universities (Private)
10	807	3801 E Foothill Blvd	91107	Department Stores
11	801	460 Sierra Madre Villa Ave	91107	Office Buildings
12	796	250 N Halstead St	91107	Office Buildings
13	721	777 E Colorado Blvd	91101	Department Stores
14	635	393 E Walnut St	91101	Office Buildings
15	616	600 Sierra Madre Villa Ave	91107	Office Buildings
16	582	1401 S Oak Knoll Ave	91106	Hotel & Motels
17	564	401 S Lake Ave	91101	Department Stores
18	556	56 W Del Mar Blvd	91105	Stores
19	541	2181 E Foothill Blvd	91107	Warehousing, Distribution, Storage
20	534	180 N San Gabriel Blvd	91107	Light Manufacturing

Rooftop Solar Potential of Pasadena Water & Power Service Territory

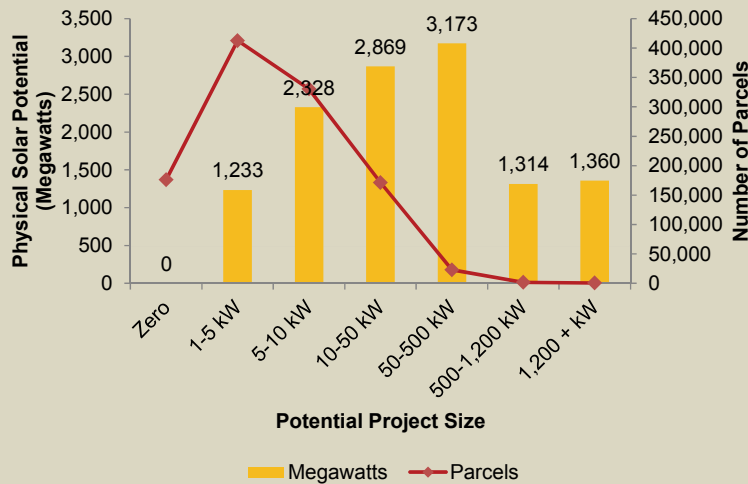


Solar Statistics of Southern California Edison Service Territory

Area 3,507.8 square miles
 Population 5,750,385 (2009 estimate)

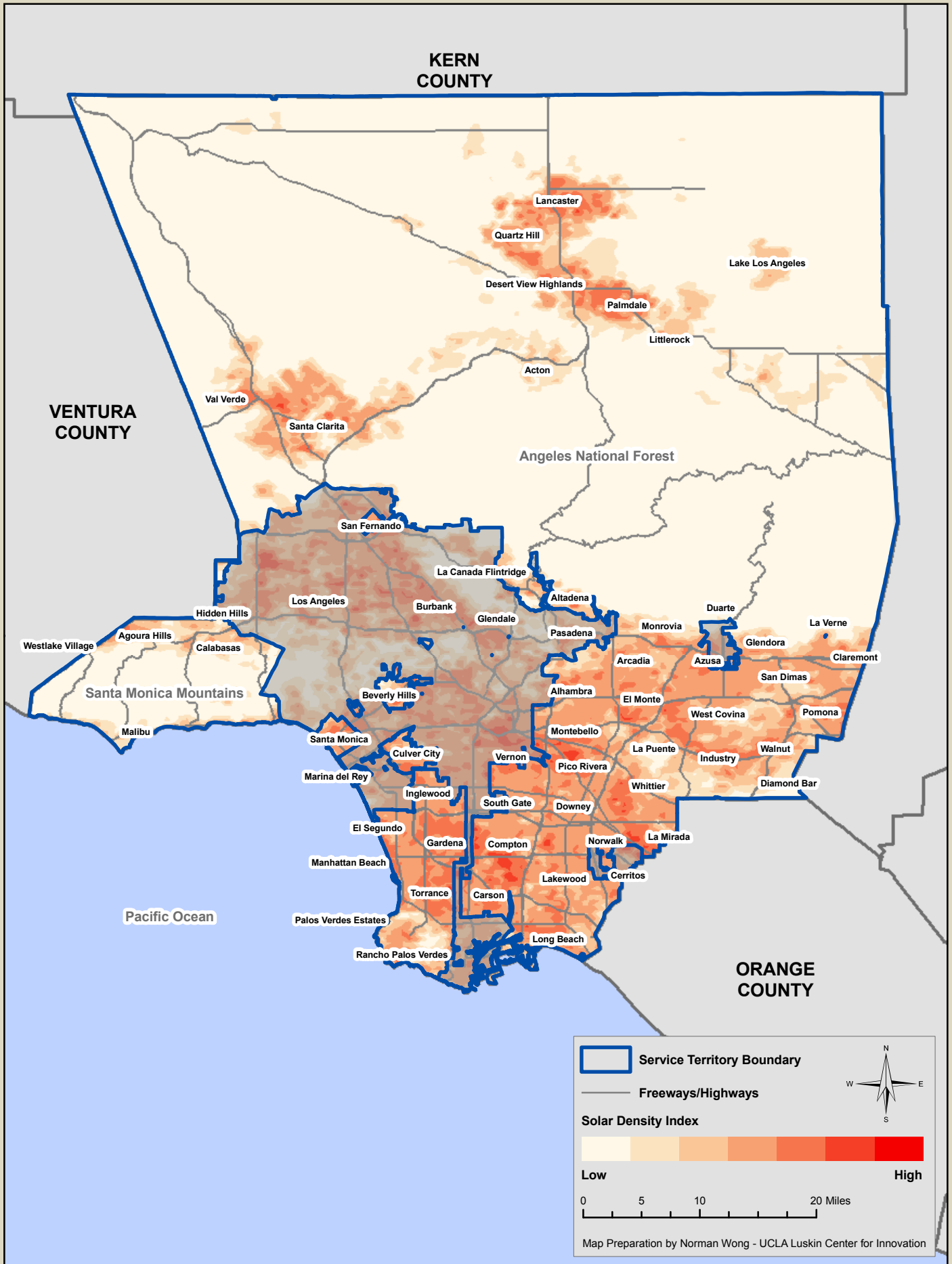
Total Potential Sites	939,260		
Commercial & Industrial	6.0%	Median Rooftop Availability	19.7%
Multi-family	12.6%	Median Potential of Parcels	4.6 Kilowatts
Single Family	80.9%	Median Solar Density Index	10.2%
Government or Non-profit	0.5%	Total Rooftop Solar Potential	12,278 Megawatts

Southern California Edison: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects for Southern California Edison Service Territory				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	7,340	21749 Baker Pkwy	91748	Warehousing, Distribution, Storage
2	7,201	15541 Gale Ave	91745	Warehousing, Distribution, Storage
3	7,097	2825 E Avenue P	93550	Heavy Manufacturing
4	6,933	20005 Business Pkwy	91789	Warehousing, Distribution, Storage
5	6,912	1601 W Mission Blvd	91766	Warehousing, Distribution, Storage
6	6,706	5300 Sheila St	90040	Food Processing Plants
7	6,202	19700 Van Ness Ave	90501	Warehousing, Distribution, Storage
8	5,979	12520 Slauson Ave	90670	Warehousing, Distribution, Storage
9	5,931	21535 Baker Pkwy	91748	Warehousing, Distribution, Storage
10	5,552	13500 Foster Rd	90670	Warehousing, Distribution, Storage
11	5,444	21508 Ferrero	91789	Warehousing, Distribution, Storage
12	5,293	15930 Valley Blvd	91744	Warehousing, Distribution, Storage
13	5,279	9630 Norwalk Blvd	90670	Warehousing, Distribution, Storage
14	5,263	5305 Rivergrade Rd	91706	Warehousing, Distribution, Storage
15	5,170	2400 Yates Ave	90040	Heavy Manufacturing
16	5,125	9400 Santa Fe Springs Rd	90670	Warehousing, Distribution, Storage
17	5,105	13060 Temple Ave	91746	Light Manufacturing
18	5,081	700 Van Ness Ave	90501	Office Buildings
19	4,975	7301 Telegraph Rd	90640	Warehousing, Distribution, Storage
20	4,954	1301 E Avenue I	93535	Mobile Home Parks

Rooftop Solar Potential of Southern California Edison Service Territory

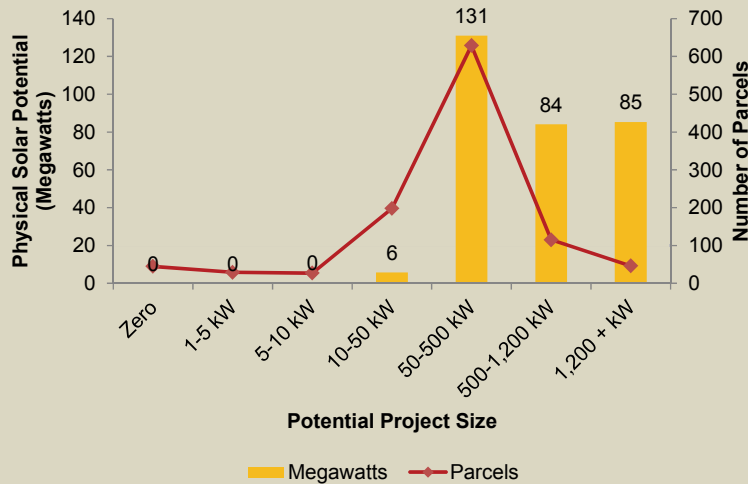


Solar Statistics of Vernon Light & Power Service Territory

Area 5.0 square miles
 Population 96 (2009 estimate)

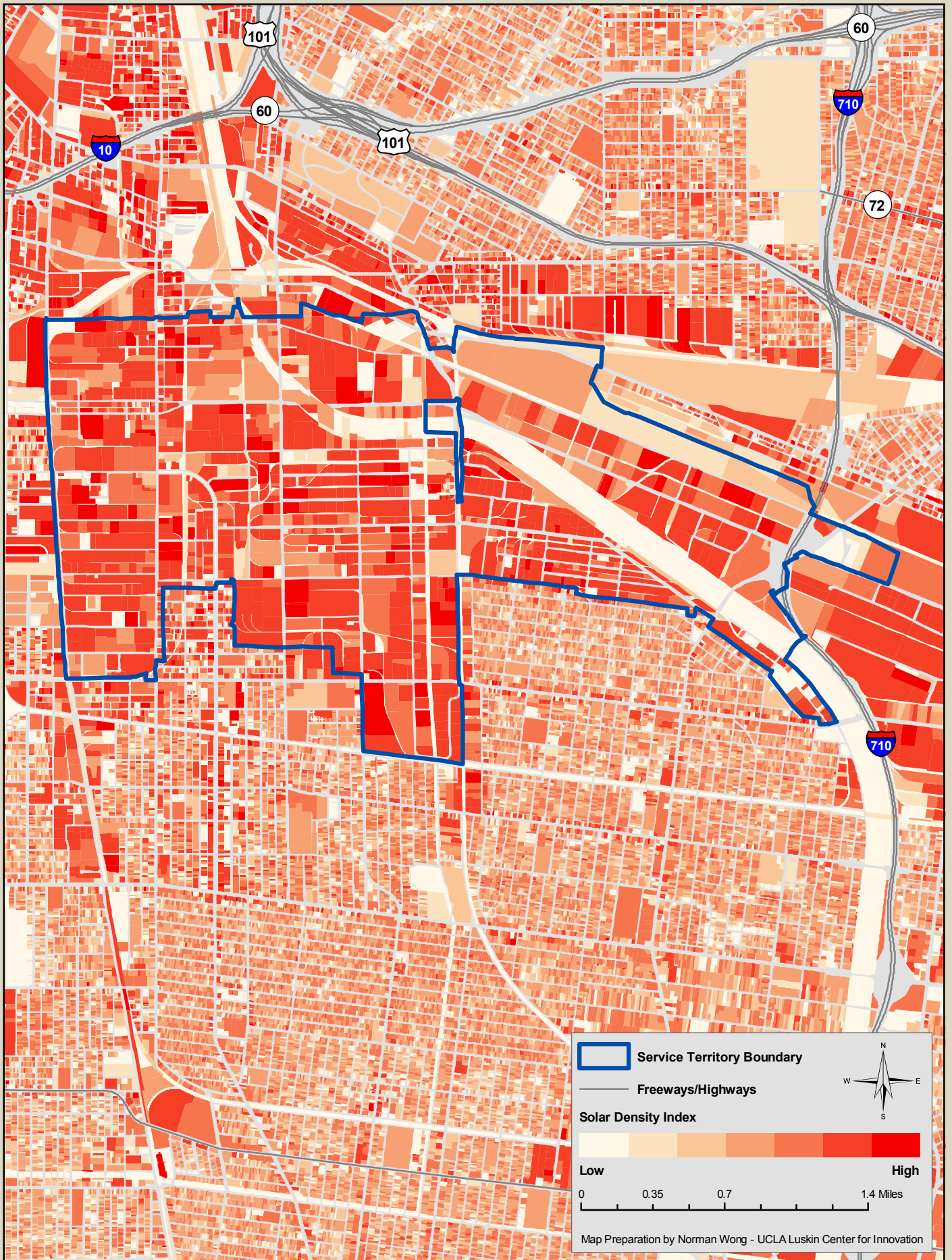
Total Potential Sites	1,044		
Commercial & Industrial	99.6%	Median Rooftop Availability	50.4%
Multi-family	0.1%	Median Potential of Parcels	146.4 Kilowatts
Single Family	0.1%	Median Solar Density Index	49.7%
Government or Non-profit	0.2%	Total Rooftop Solar Potential	307 Megawatts

Vernon Light & Power: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Vernon Light and Power Service Territory				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	4,478	3100 E Slauson Ave	90058	Warehousing, Distribution, Storage
2	3,786	5525 S Soto St	90058	Warehousing, Distribution, Storage
3	2,822	4170 Bandini Blvd	90023	Warehousing, Distribution, Storage
4	2,648	2900 Fruitland Ave	90058	Heavy Manufacturing
5	2,565	2522 E 37th St	90058	Food Processing Plants
6	2,484	2677 E Vernon Ave	90058	Food Processing Plants
7	2,448	4700 S Boyle Ave	90058	Heavy Manufacturing
8	2,322	4240 Bandini Blvd	90023	Heavy Manufacturing
9	2,313	3220 E 26th St	90023	Food Processing Plants
10	2,215	5215 S Boyle Ave	90058	Heavy Manufacturing
11	2,179	3260 E 26th St	90023	Warehousing, Distribution, Storage
12	2,146	2100 E 38th St	90058	Warehousing, Distribution, Storage
13	2,129	3011 Bandini Blvd	90023	Warehousing, Distribution, Storage
14	2,067	3201 Bandini Blvd	90023	Warehousing, Distribution, Storage
15	1,926	4440 E 26th St	90023	Warehousing, Distribution, Storage
16	1,888	4507 S Maywood Ave	90058	Warehousing, Distribution, Storage
17	1,872	5353 S Downey Rd	90058	Warehousing, Distribution, Storage
18	1,784	2000 E 49th St	90058	Warehousing, Distribution, Storage
19	1,755	6250 S Boyle Ave	90058	Warehousing, Distribution, Storage
20	1,753	2640 E 45th St	90058	Warehousing, Distribution, Storage

Rooftop Solar Potential of Vernon Light & Power Service Territory

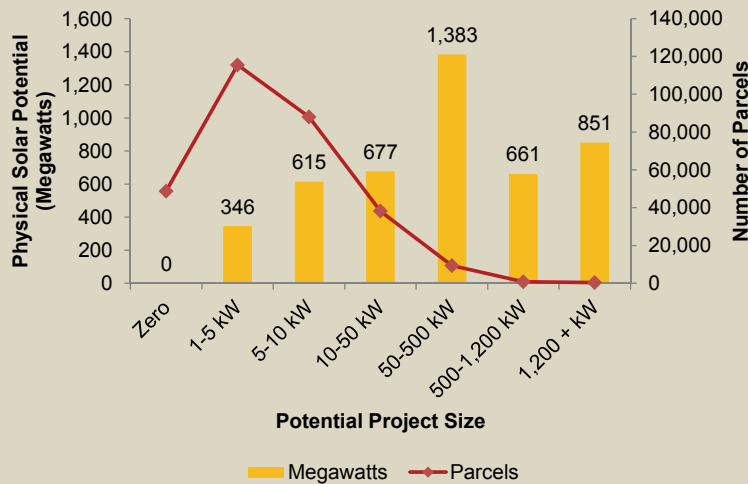


Solar Statistics of Los Angeles County Supervisorial District 1

Area 228.0 square miles
 Population 2,117,389 (2009 estimate)

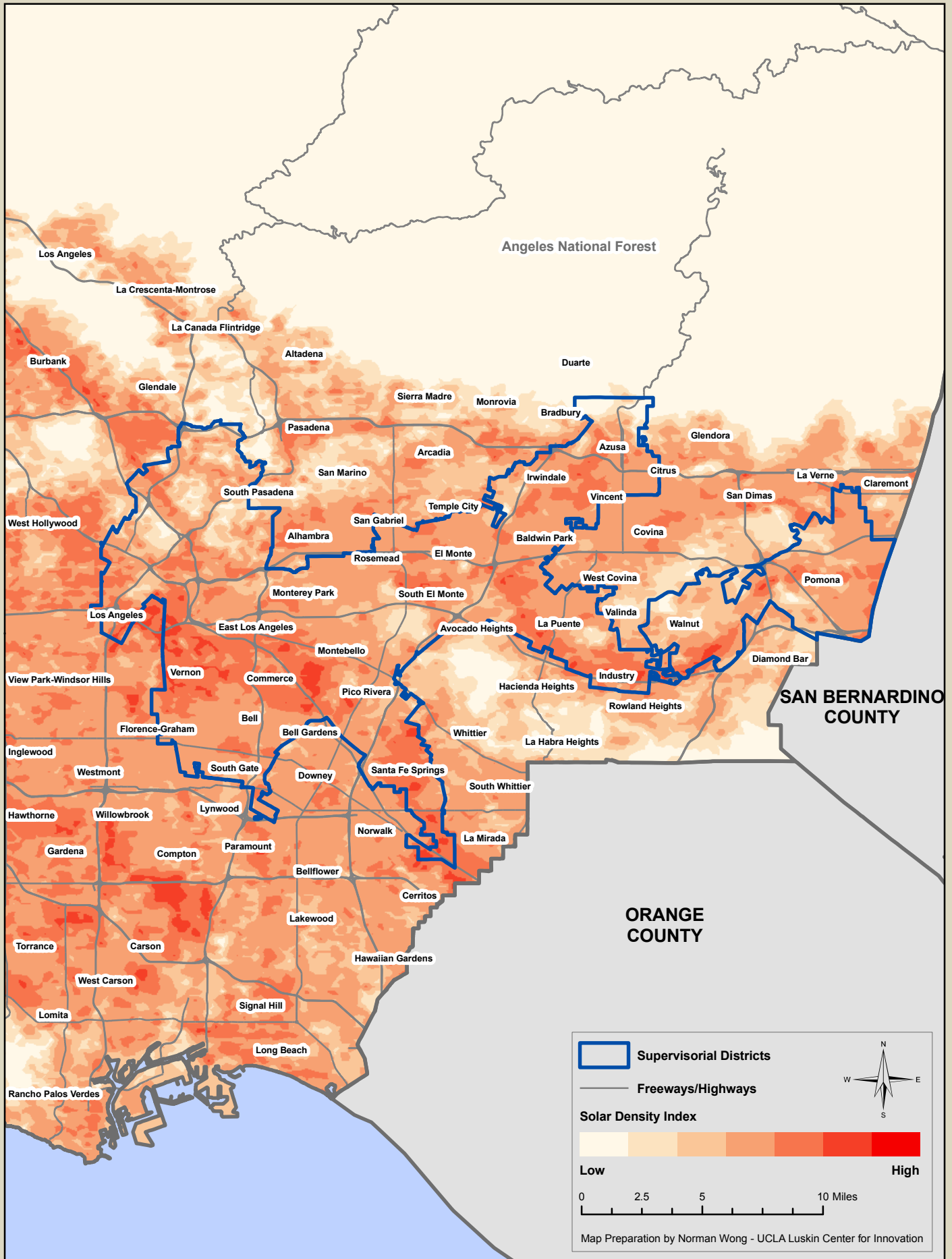
Total Potential Sites	252,351		
Commercial & Industrial	10.5%	Median Rooftop Availability	19.2%
Multi-family	20.2%	Median Potential of Parcels	4.3 Kilowatts
Single Family	68.6%	Median Solar Density Index	10.7%
Government or Non-profit	0.7%	Total Rooftop Solar Potential	4,531 Megawatts

Supervisorial District 1: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Supervisorial District 1				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	7,340	21749 Baker Pkwy	91748	Warehousing, Distribution, Storage
2	7,201	15541 Gale Ave	91745	Warehousing, Distribution, Storage
3	6,933	20005 Business Pkwy	91789	Warehousing, Distribution, Storage
4	6,912	1601 W Mission Blvd	91766	Warehousing, Distribution, Storage
5	6,706	5300 Sheila St	90040	Food Processing Plants
6	6,296	3880 N Mission Rd	90031	Warehousing, Distribution, Storage
7	5,979	12520 Slauson Ave	90670	Warehousing, Distribution, Storage
8	5,931	21535 Baker Pkwy	91748	Warehousing, Distribution, Storage
9	5,552	13500 Foster Rd	90670	Warehousing, Distribution, Storage
10	5,444	21508 Ferrero	91789	Warehousing, Distribution, Storage
11	5,293	15930 Valley Blvd	91744	Warehousing, Distribution, Storage
12	5,279	9630 Norwalk Blvd	90670	Warehousing, Distribution, Storage
13	5,263	5305 Rivergrade Rd	91706	Warehousing, Distribution, Storage
14	5,170	2400 Yates Ave	90040	Heavy Manufacturing
15	5,125	9400 Santa Fe Springs Rd	90670	Warehousing, Distribution, Storage
16	5,105	13060 Temple Ave	91746	Light Manufacturing
17	4,975	7301 Telegraph Rd	90640	Warehousing, Distribution, Storage
18	4,903	3300 Garfield Ave	90040	Heavy Manufacturing
19	4,586	20300 Business Pkwy	91789	Warehousing, Distribution, Storage
20	4,478	3100 E Slauson Ave	90058	Warehousing, Distribution, Storage

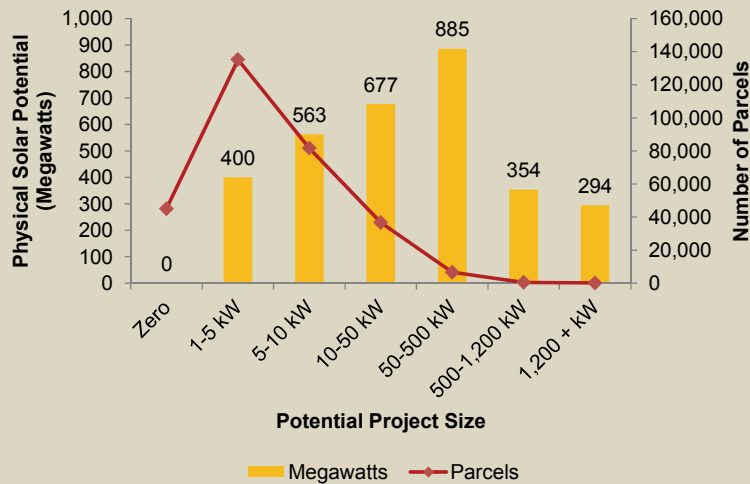
Rooftop Solar Potential of Los Angeles County Supervisorial District 1



Solar Statistics of Los Angeles County Supervisorial District 2

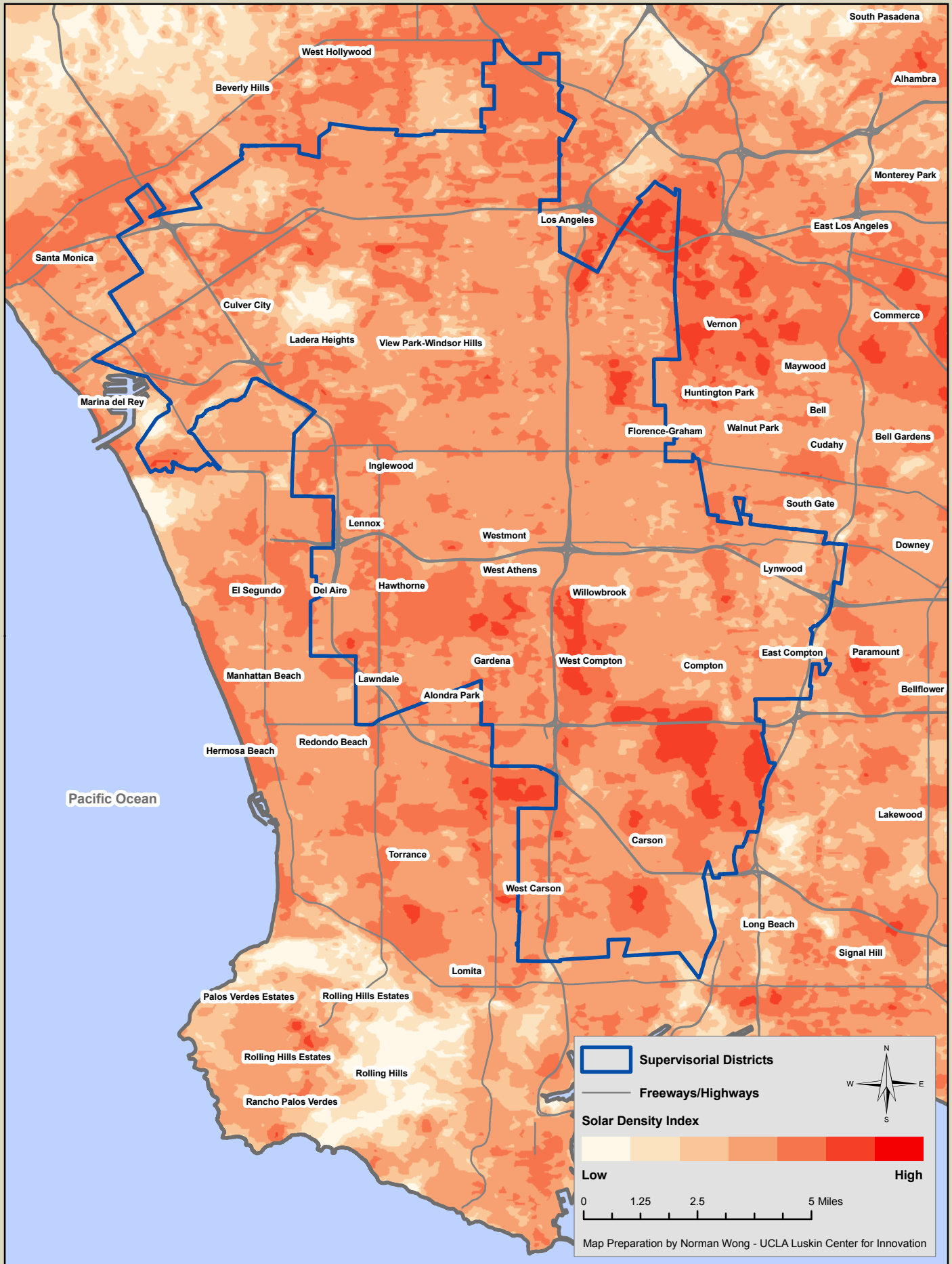
Area	158.0 square miles		
Population	2,092,018 (2009 estimate)		
Total Potential Sites	260,848		
Commercial & Industrial	8.6%	Median Rooftop Availability	18.7%
Multi-family	25.7%	Median Potential of Parcels	4.1 Kilowatts
Single Family	64.8%	Median Solar Density Index	10.9%
Government or Non-profit	0.9%	Total Rooftop Solar Potential	3,173 Megawatts

Supervisorial District 2: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Supervisorial District 2				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	4,734	2201 E Carson St	90810	Warehousing, Distribution, Storage
2	4,402	2501 S Alameda St	90058	Warehousing, Distribution, Storage
3	4,301	2417 E Carson St	90810	Warehousing, Distribution, Storage
4	4,247	1065 Lomita Blvd	90710	Mobile Home Parks
5	3,878	1501 E Victoria St	90746	Warehousing, Distribution, Storage
6	3,411	19801 S Santa Fe Ave	90221	Warehousing, Distribution, Storage
7	3,329	17700 Avalon Blvd	90746	Mobile Home Parks
8	3,287	17701 Avalon Blvd	90746	Mobile Home Parks
9	3,282	1371 Charles Willard St	90747	Warehousing, Distribution, Storage
10	3,098	1650 Glenn Curtiss St	90220	Warehousing, Distribution, Storage
11	2,950	23000 Avalon Blvd	90745	Warehousing, Distribution, Storage
12	2,942	2700 E Imperial Hwy	90262	Warehousing, Distribution, Storage
13	2,875	2201 S Wilmington Ave	90220	Food Processing Plants
14	2,693	1601 E Olympic Blvd	90021	Warehousing, Distribution, Storage
15	2,688	11852 Alameda St	90262	Warehousing, Distribution, Storage
16	2,616	2220 E Carson St	90810	Warehousing, Distribution, Storage
17	2,588	13031 W Jefferson Blvd	90066	Government Parcel
18	2,569	20642 S Fordyce Ave	90810	Light Manufacturing
19	2,555	23914 S Alameda St	90810	Mineral Processing
20	2,545	22351 Wilmington Ave	90745	Warehousing, Distribution, Storage

Rooftop Solar Potential of Los Angeles County Supervisorial District 2

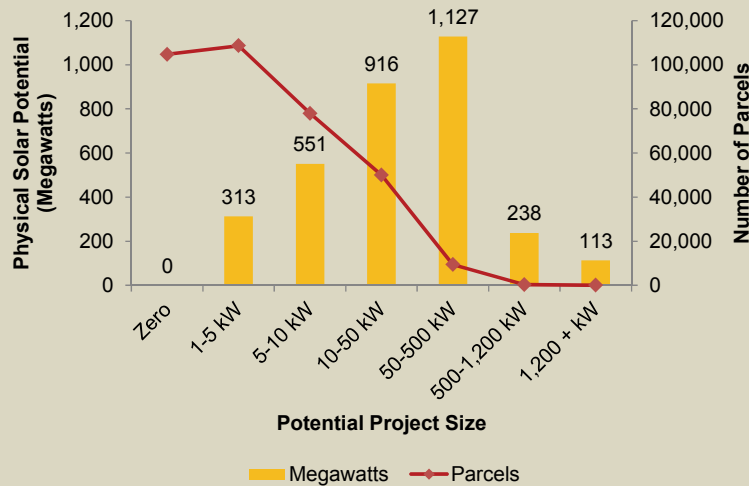


Solar Statistics of Los Angeles County Supervisorial District 3

Area 432.0 square miles
 Population 2,076,675 (2009 estimate)

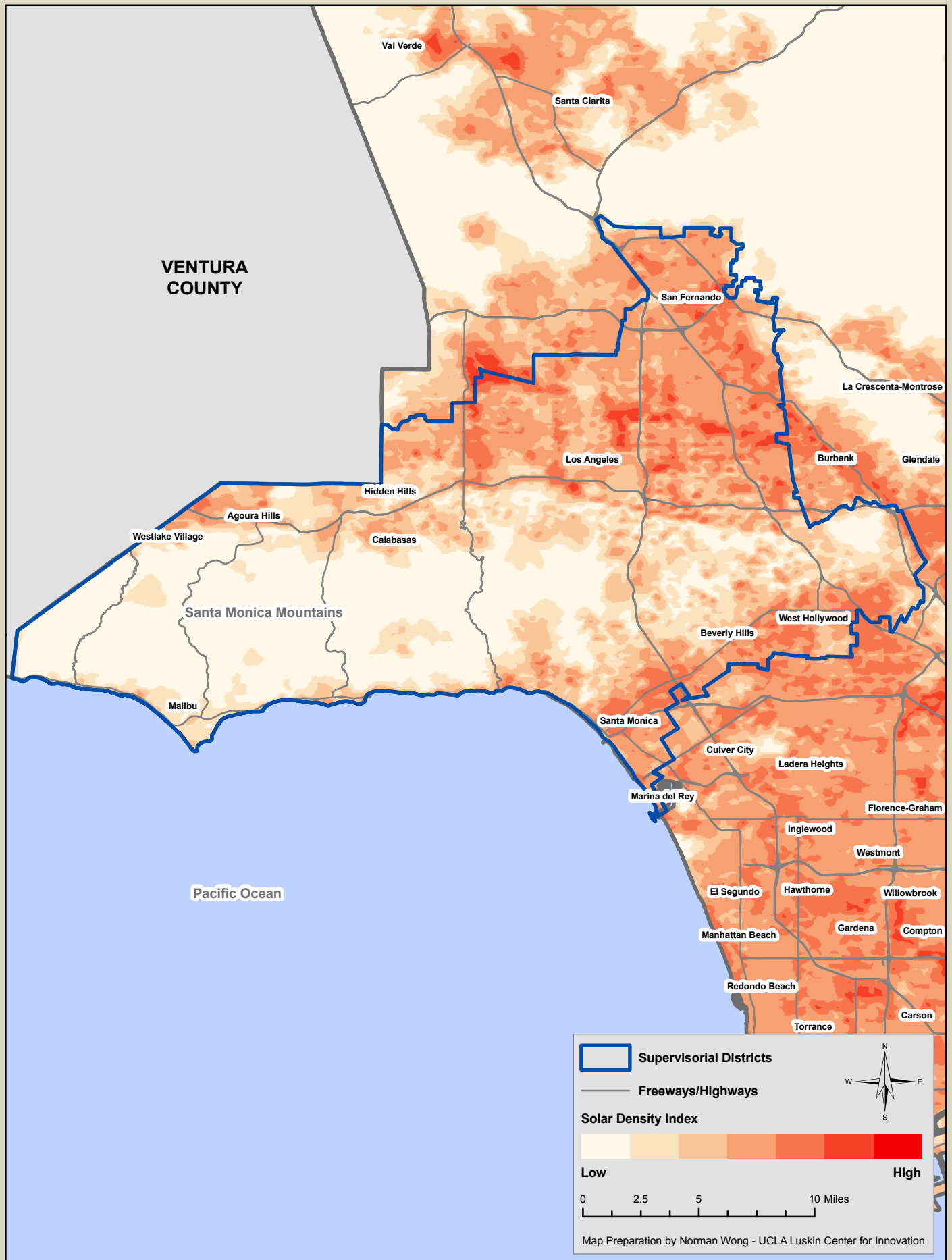
Total Potential Sites	246,372		
Commercial & Industrial	7.6%	Median Rooftop Availability	12.0%
Multi-family	14.9%	Median Potential of Parcels	3.4 Kilowatts
Single Family	76.9%	Median Solar Density Index	6.5%
Government or Non-profit	0.6%	Total Rooftop Solar Potential	3,257 Megawatts

Supervisorial District 3: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Supervisorial District 3				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	3,771	4544 Colorado Blvd	90039	Light Manufacturing
2	3,597	5500 Canoga Ave	91367	Heavy Manufacturing
3	3,366	8500 Balboa Blvd	91406	Heavy Manufacturing
4	3,351	6600 Topanga Canyon Blvd	91303	Shopping Centers (Regional)
5	3,277	29500 Heathercliff Rd	90265	Mobile Home Parks
6	2,868	3900 Lankershim Blvd	90068	Heavy Manufacturing
7	2,806	11428 Sherman Way	91605	Warehousing, Distribution, Storage
8	2,672	12745 Arroyo St	91342	Light Manufacturing
9	2,430	8201 Woodley Ave	91406	Light Manufacturing
10	2,302	13691 Gavina Ave	91342	Mobile Home Parks
11	2,171	12820 Pierce St	91331	Warehousing, Distribution, Storage
12	2,149	4024 Radford Ave	91604	Motion Picture, Radio & Television
13	2,144	16800 Roscoe Blvd	91406	Government Parcel
14	1,998	5308 Derry Ave	91301	Light Manufacturing
15	1,943	7821 Orion Ave	91406	Light Manufacturing
16	1,928	5601 De Soto Ave	91367	Hospitals
17	1,841	16000 Arminta St	91406	Warehousing, Distribution, Storage
18	1,823	21500 Victory Blvd	91367	Shopping Centers (Neighborhood, community)
19	1,813	3900 Lankershim Blvd	90068	Heavy Manufacturing
20	1,715	675 Glenoaks Blvd	91340	Warehousing, Distribution, Storage

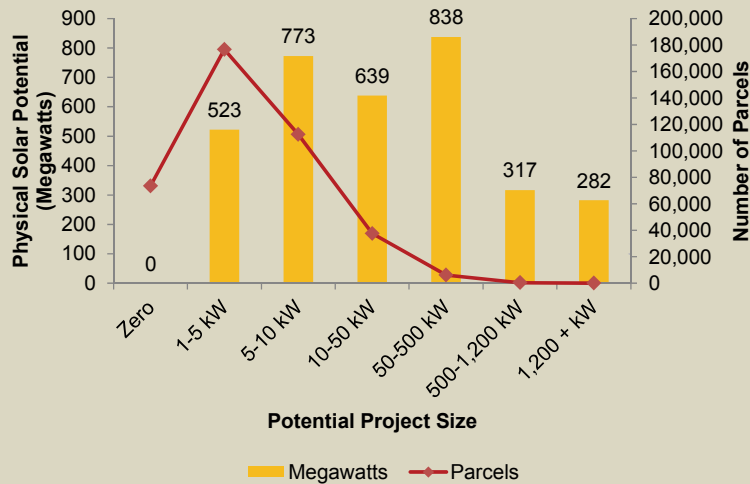
Rooftop Solar Potential of Los Angeles County Supervisorial District 3



Solar Statistics of Los Angeles County Supervisorial District 4

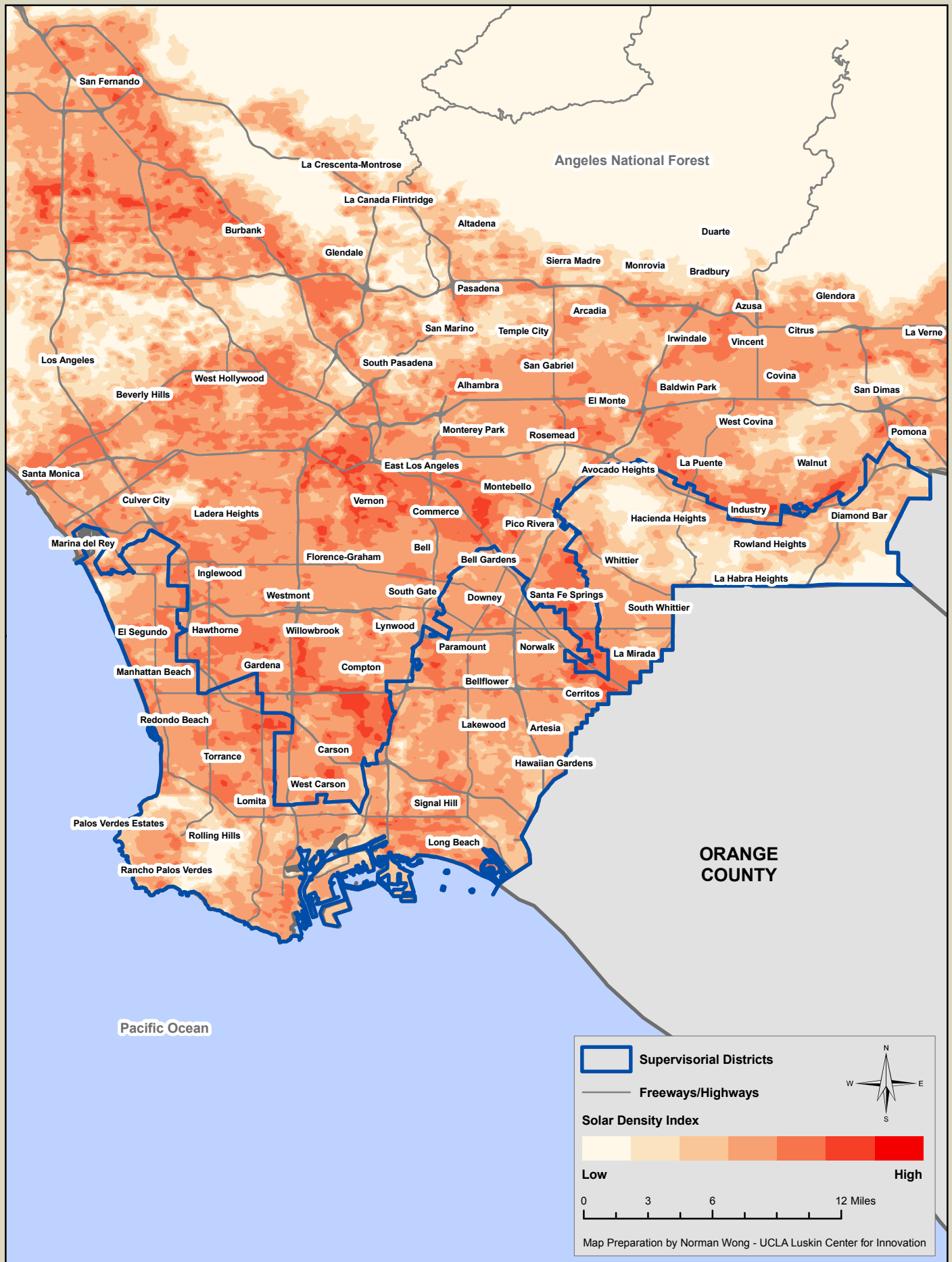
Area	428.0 square miles		
Population	2,026,903 (2009 estimate)		
Total Potential Sites	333,491		
Commercial & Industrial	4.9%	Median Rooftop Availability	17.5%
Multi-family	12.5%	Median Potential of Parcels	3.8 Kilowatts
Single Family	82.1%	Median Solar Density Index	9.4%
Government or Non-profit	0.5%	Total Rooftop Solar Potential	3,370 Megawatts

Supervisorial District 4: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Supervisorial District 4				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	6,987	300 Westmont Dr	90731	Warehousing, Distribution, Storage
2	6,202	19700 Van Ness Ave	90501	Warehousing, Distribution, Storage
3	5,081	700 Van Ness Ave	90501	Office Buildings
4	4,911	19001 S Western Ave	90501	Office Buildings
5	4,797	400 Westmont Dr	90731	Warehousing, Distribution, Storage
6	4,233	2027 Harpers Way	90501	Light Manufacturing
7	4,116	7500 Amigos Ave	90242	Warehousing, Distribution, Storage
8	3,846	16501 Trojan Way	90638	Warehousing, Distribution, Storage
9	3,643	2401 E Wardlow Rd	90807	Heavy Manufacturing
10	3,596	20333 Normandie Ave	90502	Food Processing Plants
11	3,565	15155 Northam St	90638	Warehousing, Distribution, Storage
12	3,366	4500 Via Marina	90292	Five or more apartments
13	3,313	401 Westmont Dr	90731	Warehousing, Distribution, Storage
14	3,188	239 Los Cerritos Mall	90703	Shopping Centers (Regional)
15	3,073	500 Crenshaw Blvd	90503	Light Manufacturing
16	3,004	12214 Lakewood Ave	90242	Motion Picture, Radio & Television
17	2,956	14001 Rosecrans Ave	90638	Warehousing, Distribution, Storage
18	2,836	3501 Sepulveda Blvd	90505	Shopping Centers (Regional)
19	2,788	4240 W 190th St	90504	Warehousing, Distribution, Storage
20	2,685	4110 Santa Fe Ave	90810	Light Manufacturing

Rooftop Solar Potential of Los Angeles County Supervisorial District 4

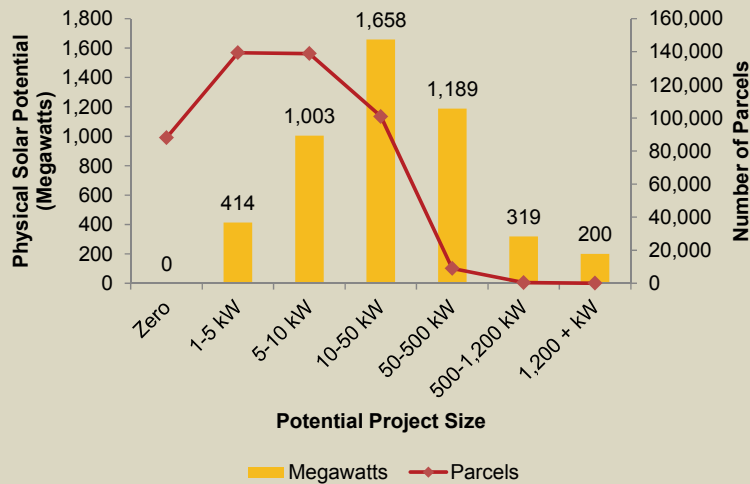


Solar Statistics of Los Angeles County Supervisorial District 5

Area 2,838.0 square miles
 Population 2,125,986 (2009 estimate)

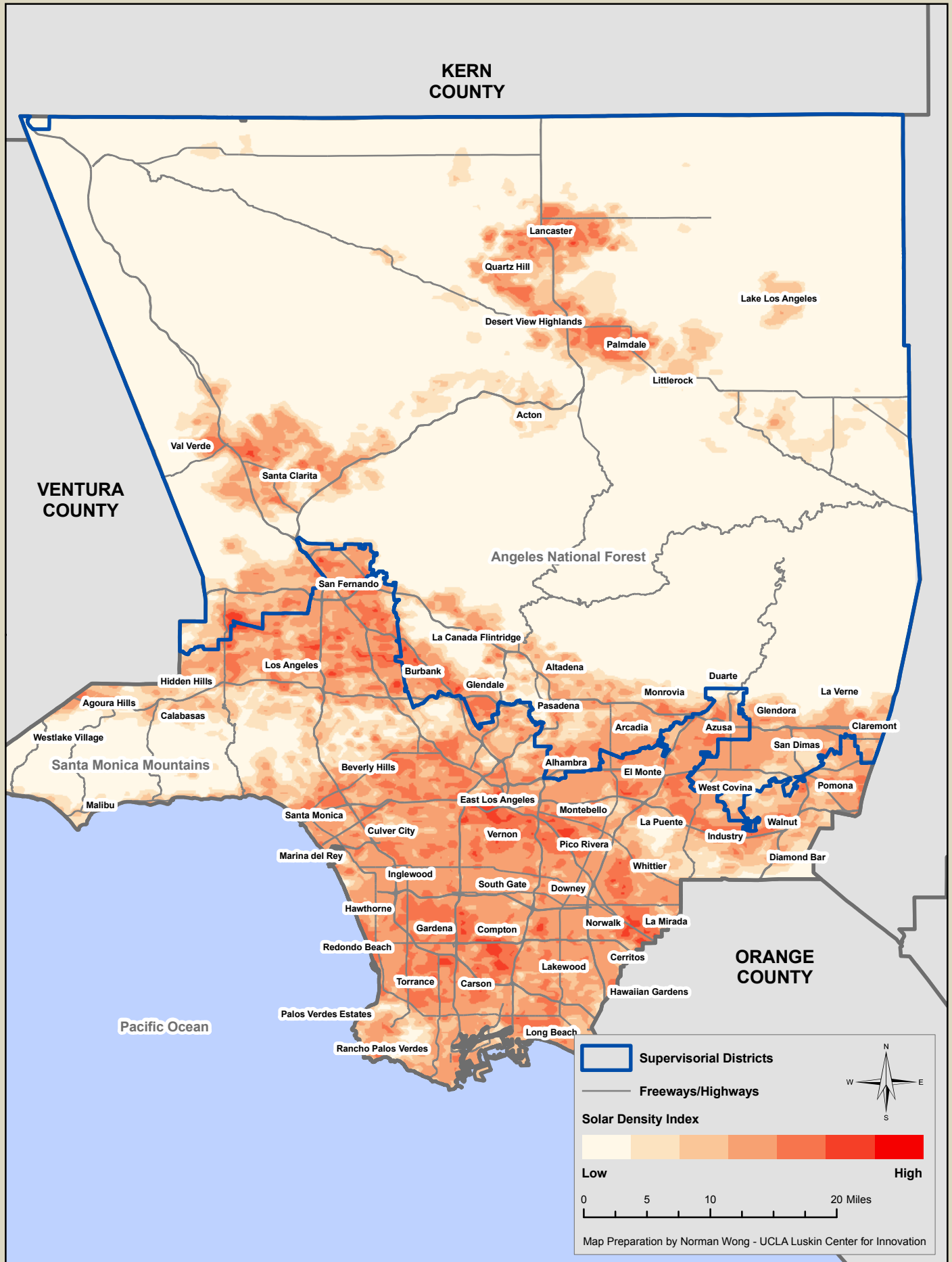
Total Potential Sites	388,752		
Commercial & Industrial	4.8%	Median Rooftop Availability	19.7%
Multi-family	8.0%	Median Potential of Parcels	5.3 Kilowatts
Single Family	86.7%	Median Solar Density Index	9.1%
Government or Non-profit	0.5%	Total Rooftop Solar Potential	4,782 Megawatts

Supervisorial District 5: Megawatts of Rooftop Solar Potential by Project Size



Parcels with the Largest Potential Solar Projects in Supervisorial District 5				
Rank	Potential (kW)	Parcel Address	Zip Code	Parcel Use Description
1	7,097	2825 E Avenue P	93550	Heavy Manufacturing
2	4,954	1301 E Avenue I	93535	Mobile Home Parks
3	4,547	3501 W Avenue H	93536	Warehousing, Distribution, Storage
4	4,524	20525 Nordhoff St	91311	Light Manufacturing
5	4,173	25655 Springbrook Ave	91350	Heavy Manufacturing
6	4,071	40701 Rancho Vista Blvd	93551	Mobile Home Parks
7	3,652	1501 N Victory Pl	91502	Shopping Centers (Regional)
8	3,316	500 S Buena Vista St	91521	Athletic & Amusement Facilities
9	3,267	2753 E Eastland Ctr Dr	91791	Shopping Centers (Neighborhood, community)
10	3,052	9301 Tampa Ave	91324	Shopping Centers (Regional)
11	3,004	27361 Sierra Hwy	91351	Mobile Home Parks
12	2,991	3000 W Alameda Ave	91523	Motion Picture, Radio & Television
13	2,980	1233 W Avenue P	93551	Shopping Centers (Regional)
14	2,848	1011 Lockheed Way	93599	Light Manufacturing
15	2,771	27460 Avenue Scott	91355	Light Manufacturing
16	2,673	9120 Mason Ave	91311	Light Manufacturing
17	2,606	2330 E Avenue	93535	Mobile Home Parks
18	2,447	8811 Canoga Ave	91304	Mobile Home Parks
19	2,404	8900 De Soto Ave	91311	Heavy Manufacturing
20	2,402	1200 West Covina Pkwy	91791	Shopping Centers (Regional)

Rooftop Solar Potential of Los Angeles County Supervisorial District 5



Luskin Center

FOR INNOVATION

INITIATIVES



CLIMATE CHANGE

The Luskin Center's Climate Change Initiative is designed to strengthen local governments' capacity to reduce emissions and adapt to climate change.

GREEN CHEMISTRY

The Luskin Center's Green Chemistry initiative is advancing health and environmental protections in the field of engineered nanomaterials (ENMs). Luskin Center researchers in collaboration with academic partners and state and federal agencies are advancing health and environmental protections in the booming field of nanotechnology.

SMART WATER SYSTEMS

The Luskin Center's Smart Water Systems initiative seeks to inform solutions for more sustainable and smart water systems. This initiative explores options for addressing Southern California's severe drought by tapping into unused or underutilized water sources.

CLEAN TECHNOLOGY

Through strategic research and communication, the Luskin Center is supporting Mayor Villaraigosa's Office and other members of the Clean Tech LA collaborative in the goal to make the city of Los Angeles a center for the clean technology industry.

SUSTAINABLE ENERGY

Researchers analyze and recommend strategies to effectively advance renewable energy and energy efficiency in California. The Luskin Center's Sustainable Energy initiative analyzes and recommends strategies to effectively advance renewable energy and energy efficiency in California.

www.luskin.ucla.edu



The Los Angeles County Chief Information Office provided the data used to create this atlas. The data was compiled to support the Los Angeles County Solar Map initiative, an interactive web-based application designed to help people investigate the feasibility of rooftop solar for individual sites (see solarmap.lacounty.gov). The Luskin Center modified this data in order to measure solar potential from a regional perspective. These adjustments allowed each tax-assessed land parcel in Los Angeles County to be evaluated for solar potential and categorized into market segments. A detailed discussion of the methodology used to accomplish this is provided in the Luskin Center report “Bringing Solar Energy to Los Angeles” (available at luskin.ucla.edu/publications). The “physical potential” of a rooftop is defined as the maximum solar capacity that could be achieved if solar PV arrays were installed on all available rooftop space that receives direct sunlight from 9 a.m. to 4 p.m. every day of the year. These maps represent the physical potential existing on rooftops. Parking lots, open space, infrastructure rights-of-way, and building-integrated photovoltaics (BIPV) are not shown on these maps.

Two methods were used to analyze the spatial patterns of solar potential. First, for small-scale maps that show large areas of Los Angeles County, we created the images using “heat map” analysis. This technique shows high-level patterns and concentrated “hot spots” of solar potential, but does not show individual land parcels. Second, for large-scale maps of smaller geographies, parcel maps were used to categorize each parcel. The parcels were categorized by geometric interval to facilitate a visually appealing and accurate display of the distribution of solar potential.*

While it is possible to distinguish individual parcels on these maps, there can occasionally be differences between the measured solar potential and the actual potential of a rooftop. Users of this atlas should verify the solar potential of a specific site with other sources of information.

Adjacent to each map is a page of descriptive statistics about the geography shown on the map. The page provides basic information such as population and physical area. It also contains a breakdown of the land parcels in the jurisdiction based on market segment. Rooftop Availability is the ratio of the area available for solar to the rooftop area. Median Potential of Parcels is the median size of the potential projects based on the assumptions in Appendix 1 of “Bringing Solar Energy to Los Angeles.”**

Median Solar Density Index describes the ratio of area available for solar to the area of the land parcel. This measure incorporates land use patterns and suitable area for solar to show the “density” of solar potential in Los Angeles. Total Rooftop Solar Potential is the sum of the potential for all parcels within the geographic boundary. The chart shows how the potential projects are distributed by size, while the table shows the 20 largest potential projects based on capacity in kilowatts.

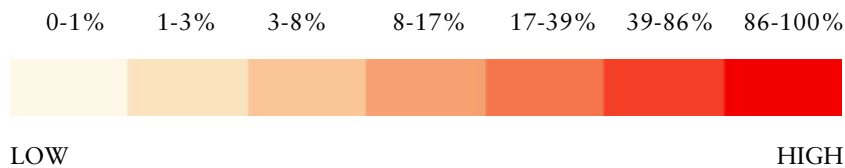
* http://webhelp.esri.com/arcgisdesktop/9.2/index.cfm?TopicName=Geometrical_interval

** Assuming 100 square feet per kilowatt of solar capacity.

APPENDIX



The color gradients in the legend of each map represent the solar density index. The parcels were categorized according to the ratio of square feet available for solar to the square feet of the land parcel. The colors suggest a continuous distribution of the density of parcels corresponding to these ratio values. Land use patterns, building profiles, development history, and numerous other factors influence the solar density of each area. Areas with commercial and industrial uses typically stand out as being denser, while single-family residential uses, high-rise commercial uses, and older developments with mature vegetation tend to be less dense according to this measure.



The maps in this atlas are intended to describe the physical distribution of the solar potential as a function of land use. These maps should not be used as a primary source of information for a single rooftop without validating the results against several other sources of information.

**“Sustaining
the environment
is the greatest
inheritance one can
leave to children,
and the most
enduring gift to
community and nation.”**

– Meyer Luskin

UCLA School of Public Affairs

Luskin Center for Innovation

3323 SCHOOL OF PUBLIC AFFAIRS BUILDING

BOX 951656, Los Angeles, CA 90095-1656

310. 267. 5435 FAX 310. 267. 5443

www.luskin.ucla.edu