



Putting Customers First



Solar Incentive Program

Porter Ranch Neighborhood Council

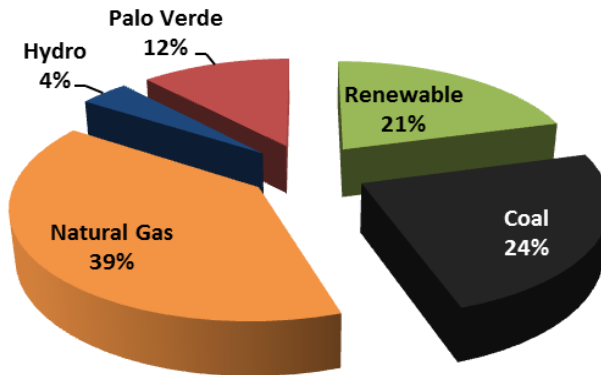


May 10, 2017

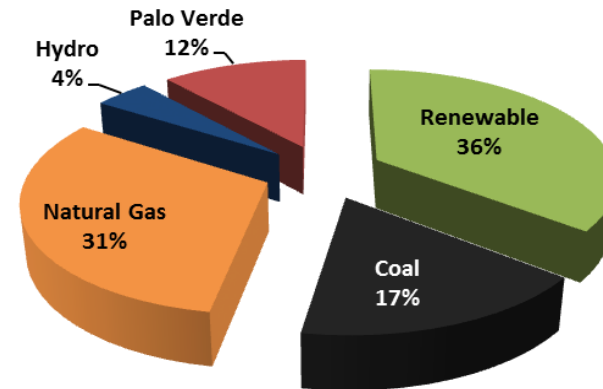
Energy Transformation



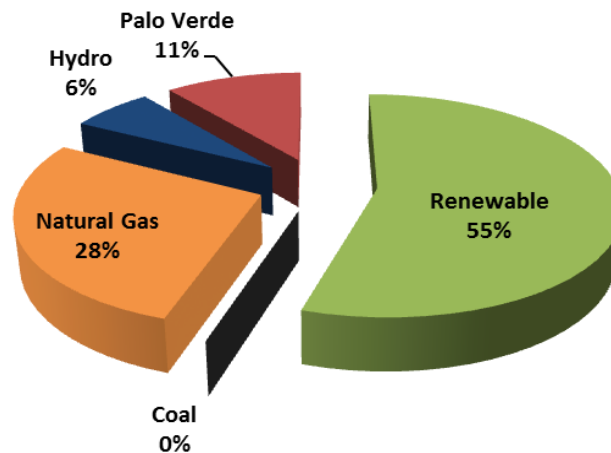
2016



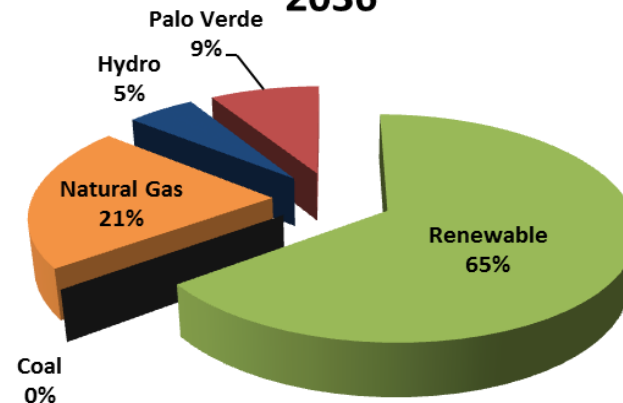
2020



2030

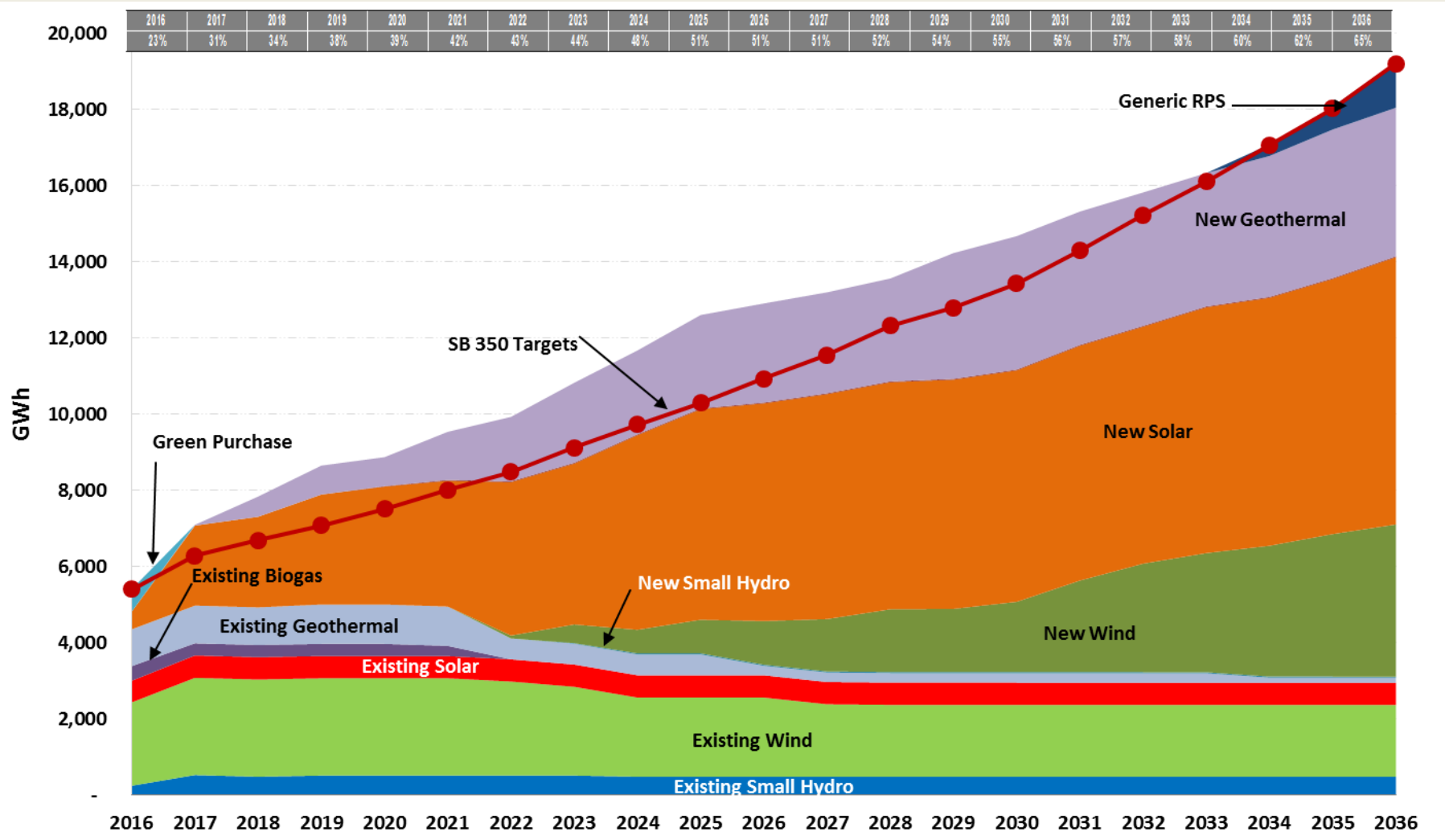


2036



Note: Includes 15% Energy Efficiency by 2020 in the overall mix of resources

55% Renewable by 2030



LADWP's Solar Programs



Solar Incentive Program (SIP)

200 MW of customer-owned net-metered solar

Feed-in Tariff

36 MW in-service

Community Solar

Residential pilot launched in 2017

Utility-Built Solar

23.5 MW of LADWP-built solar currently in-service

Large-Scale Power Purchase Agreements

925 MW in-service

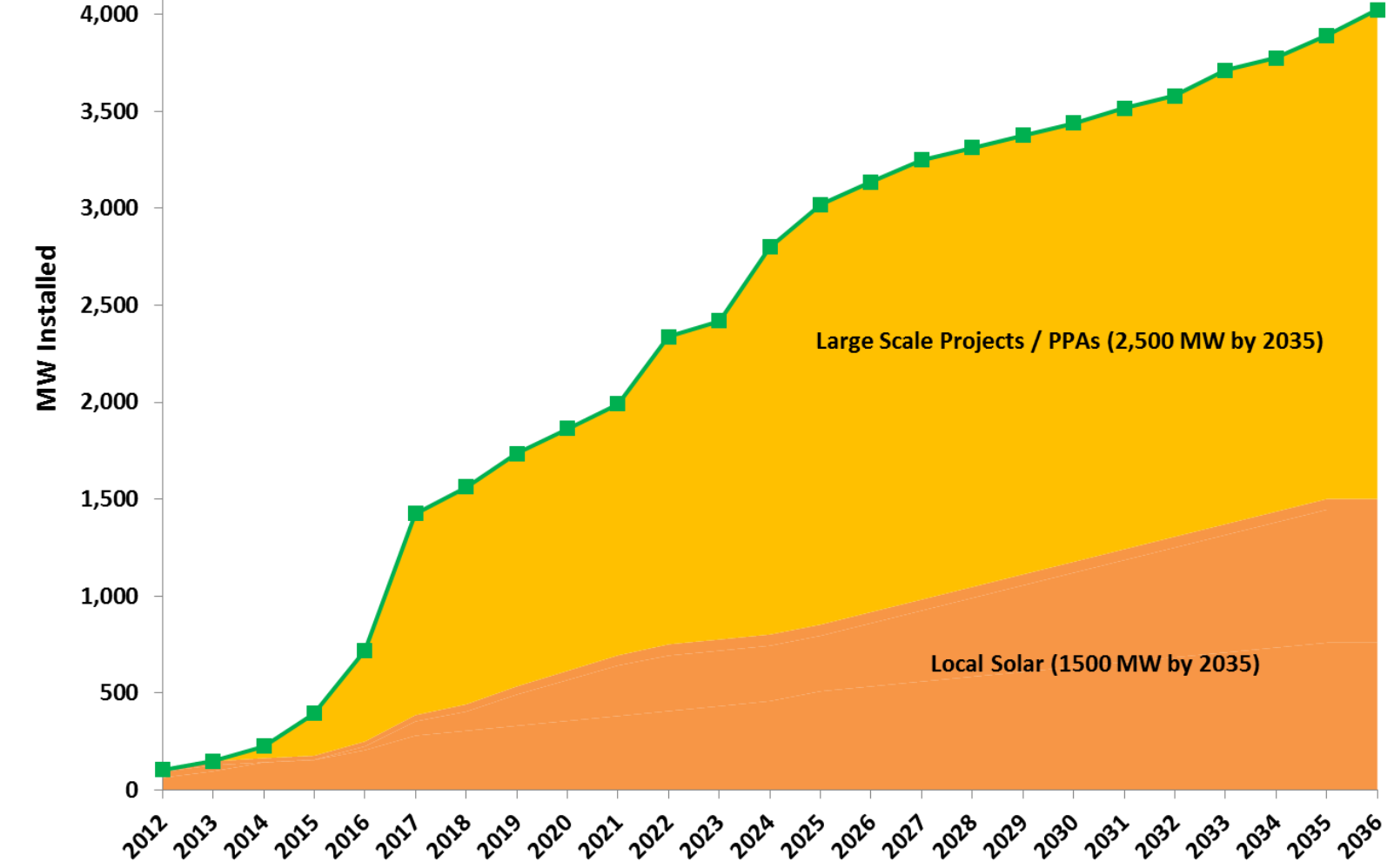


#4 Utility in the United States for Solar Installed in 2016 (Smart Electric Power Alliance)
#2 City in the United States for Total Installed Solar through 2016 (Environment California)

LADWP's Solar Programs



Recommended Case (2035)	Customer Net Metered	Feed-in Tariff	Community Solar	Large Scale PPA	Total
65% RPS, 15% EE, Medium Local Solar, High Energy Storage, High Electrification	760 MW	700 MW	40 MW	2,500 MW	4,000 MW



Solar Incentive Program (SIP)



Net-Metered Systems from 1 kW to 1 MW in size

Program Status

200 MW Installed
27,398 Customers

Incentives Paid
\$303.3 Million

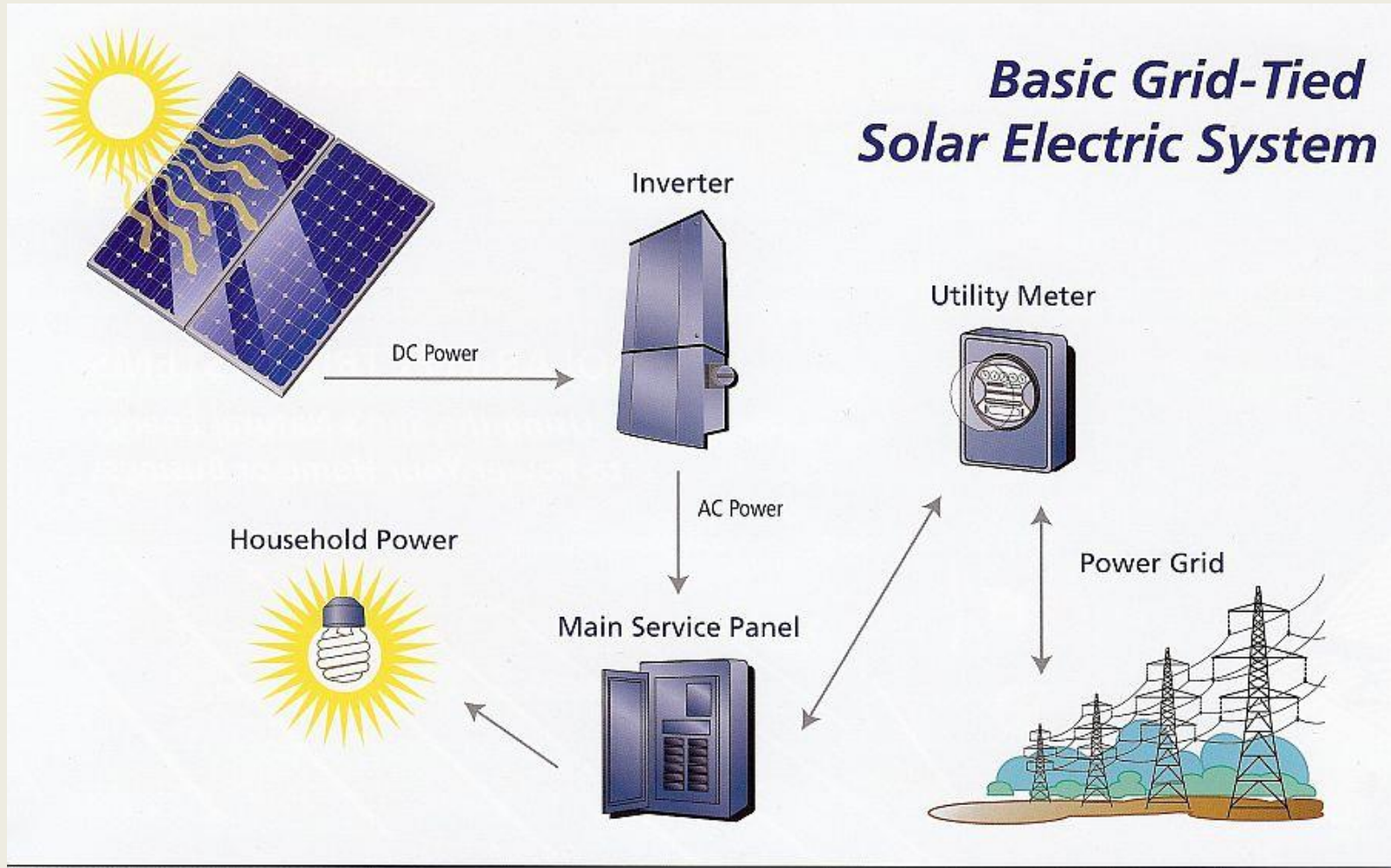
Remaining Incentives
\$10 Million

Current Incentives:

- 25 cents/watt Residential
- 30 cents/watt Commercial
- 95 cents/watt Non-Profit



How Solar PV Works



Customer will still utilize electricity from DWP at night and during cloudy days

How much will it cost?



➤ System Configuration

- 4 kilowatt system
- 16 Modules
- ~ 400 sq. ft. roof space



➤ System Cost: ~ \$16,000

➤ LADWP Rebate (\$0.30/W) : ~ \$1,200

➤ Federal Rebate (30% ITC): ~ \$4,800

➤ Final cost after rebate and tax credit ~ \$10,000

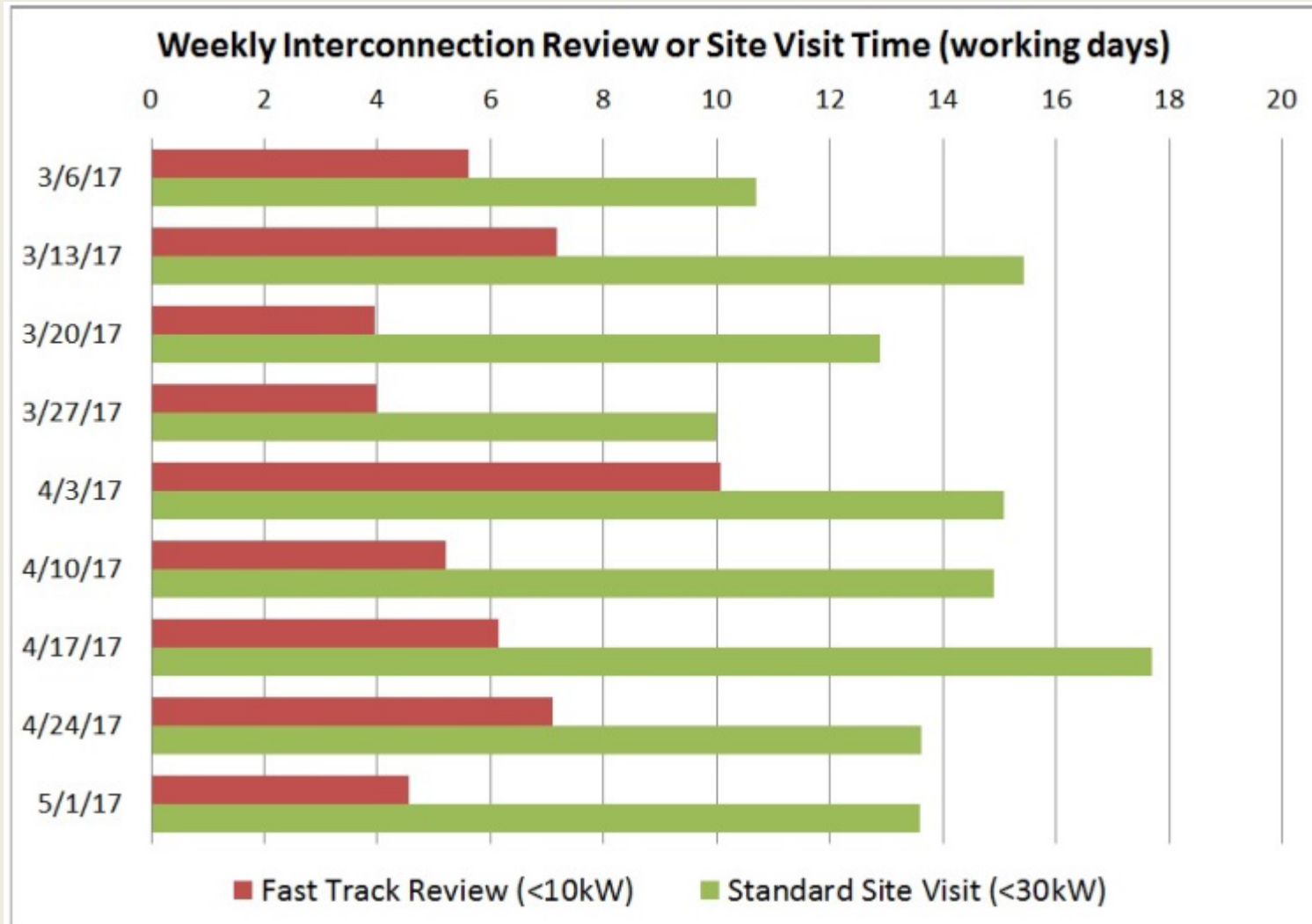
➤ Payback period ~ 8-10 years

How to participate in SIP



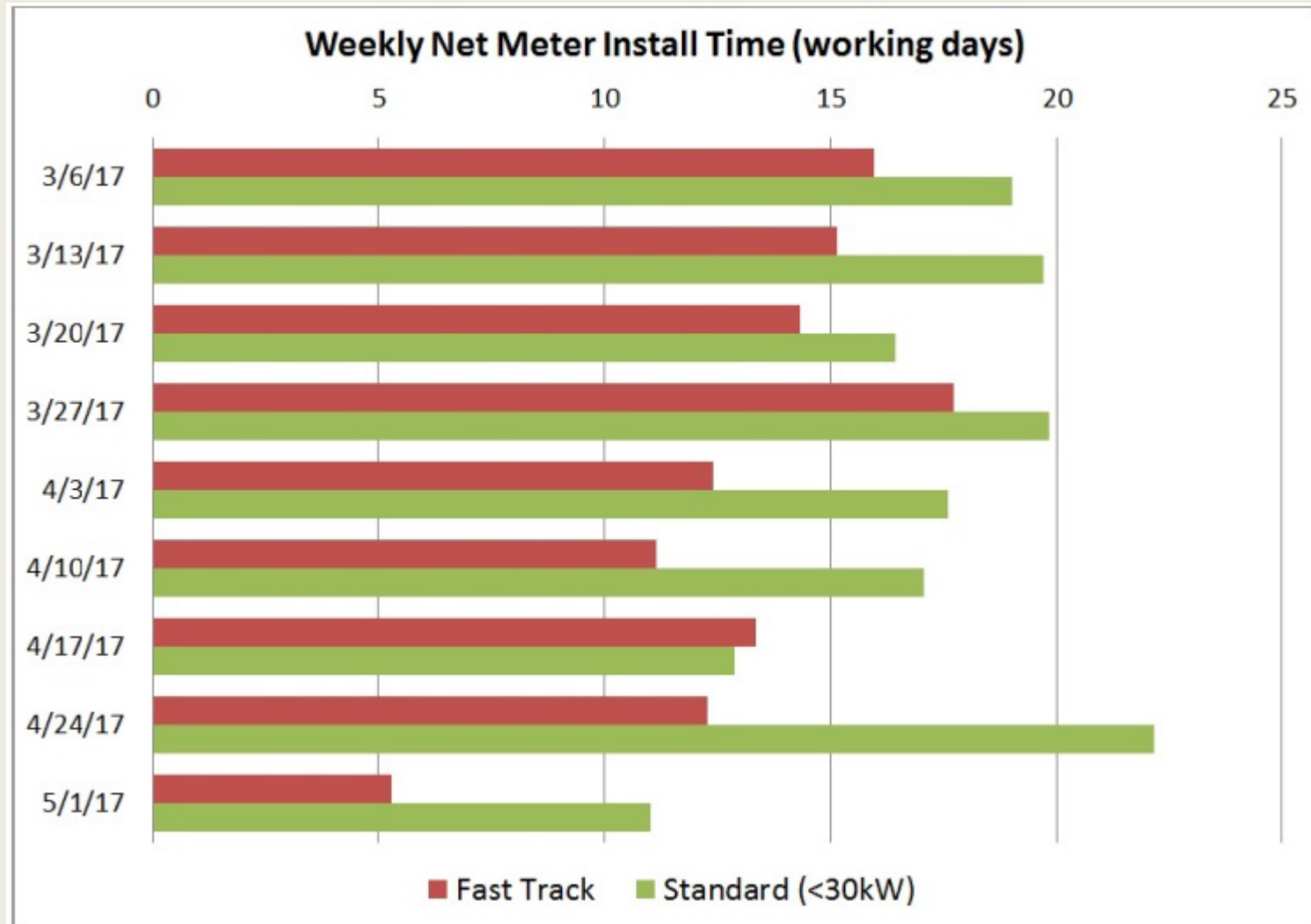
- Contact solar installer
<http://www.gosolarcalifornia.ca.gov/database/search-new.php>
- Request Solar Interconnection Approval with LADWP
www.ladwp.com/nem
- Reserve Solar Incentive with LADWP
www.ladwp.com/solar
- Construct & permit your system
- LADWP installs solar net meter
<http://wmisweb.ladwp.com/powerwmis/> for status
- Request Solar Incentive Payment with LADWP
www.ladwp.com/solar

Interconnection Review Times



Updated weekly at www.ladwp.com/solar

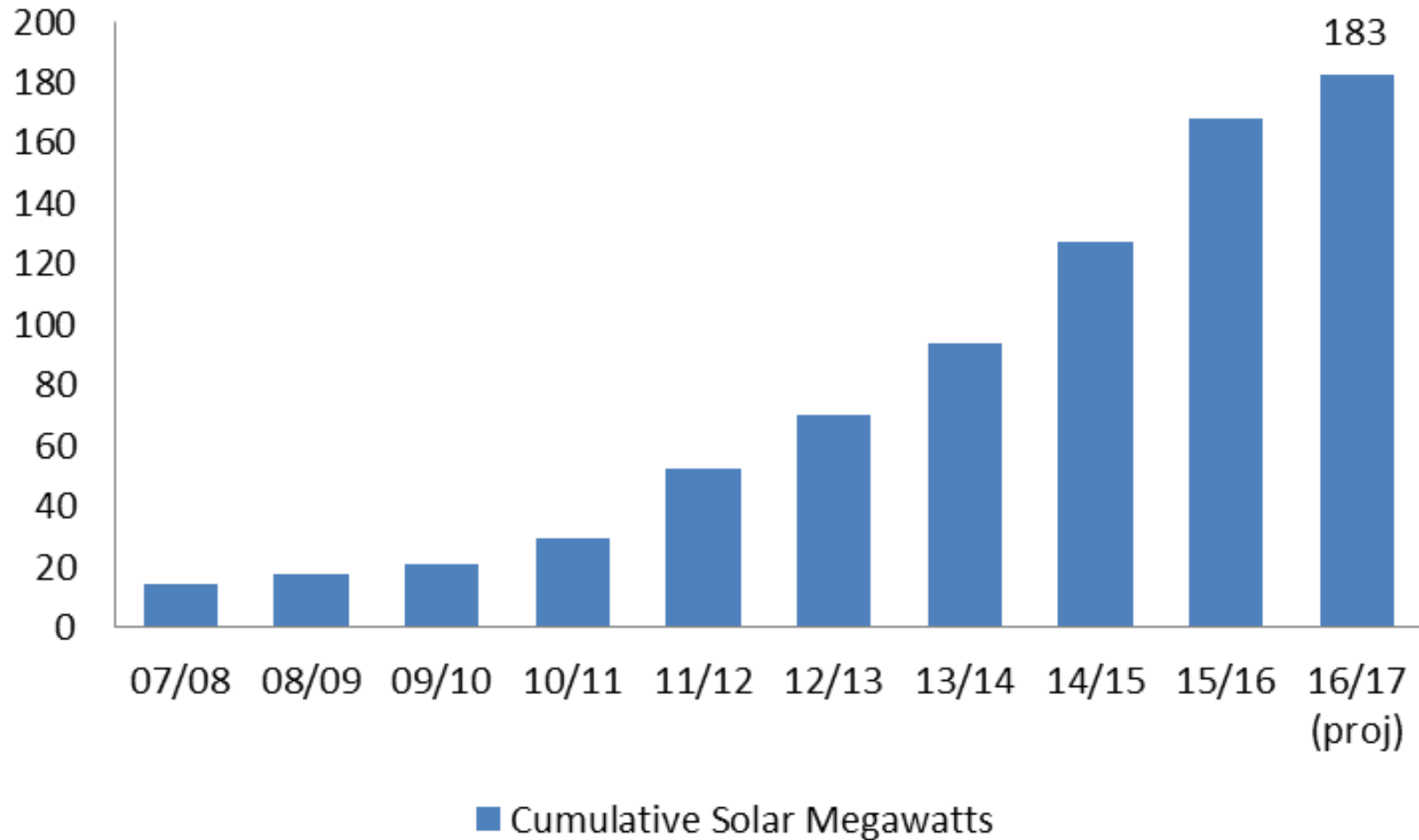
Net Meter Install Times



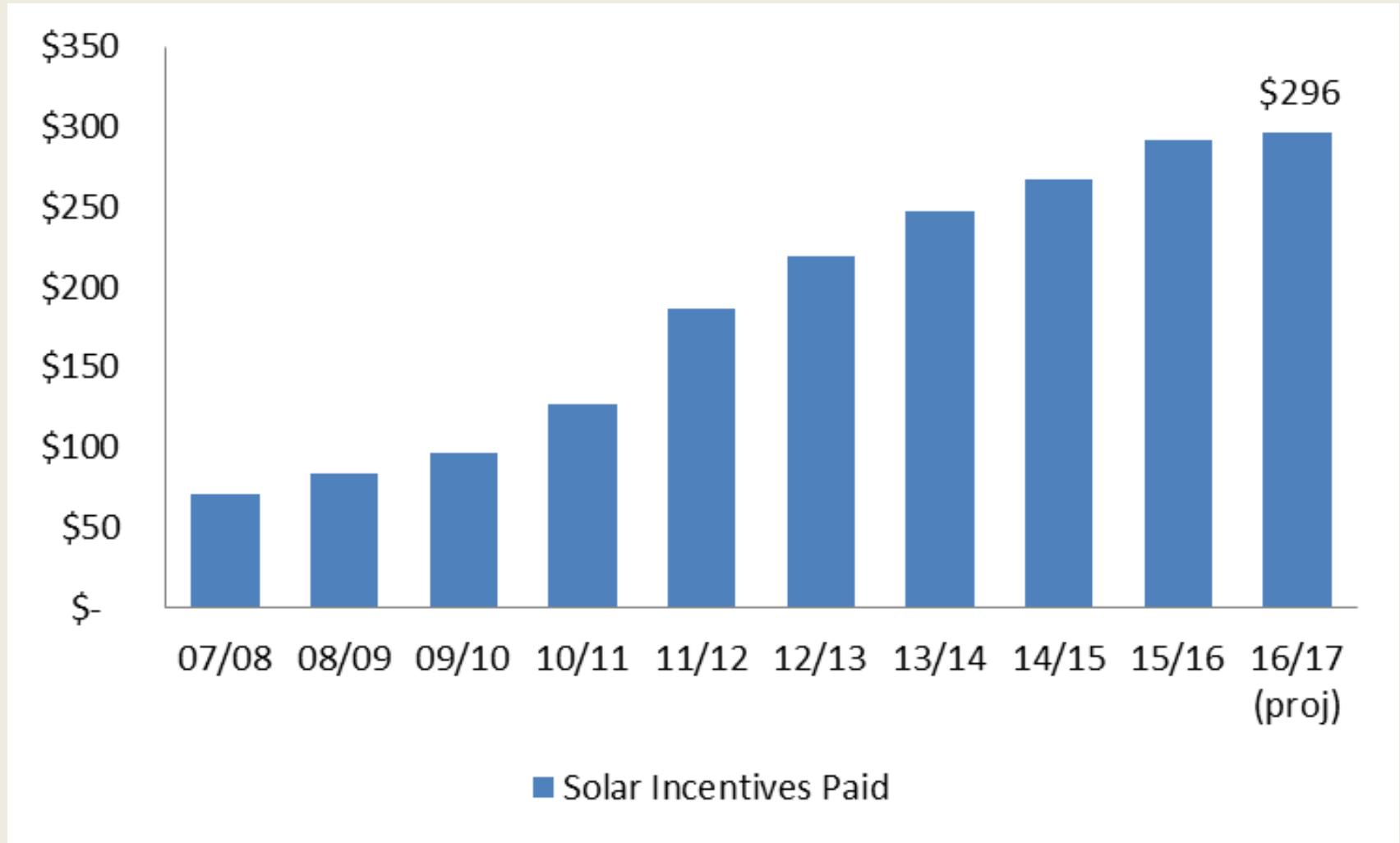
Updated weekly at www.ladwp.com/solar



MegaWatts Installed



Solar Incentives Paid

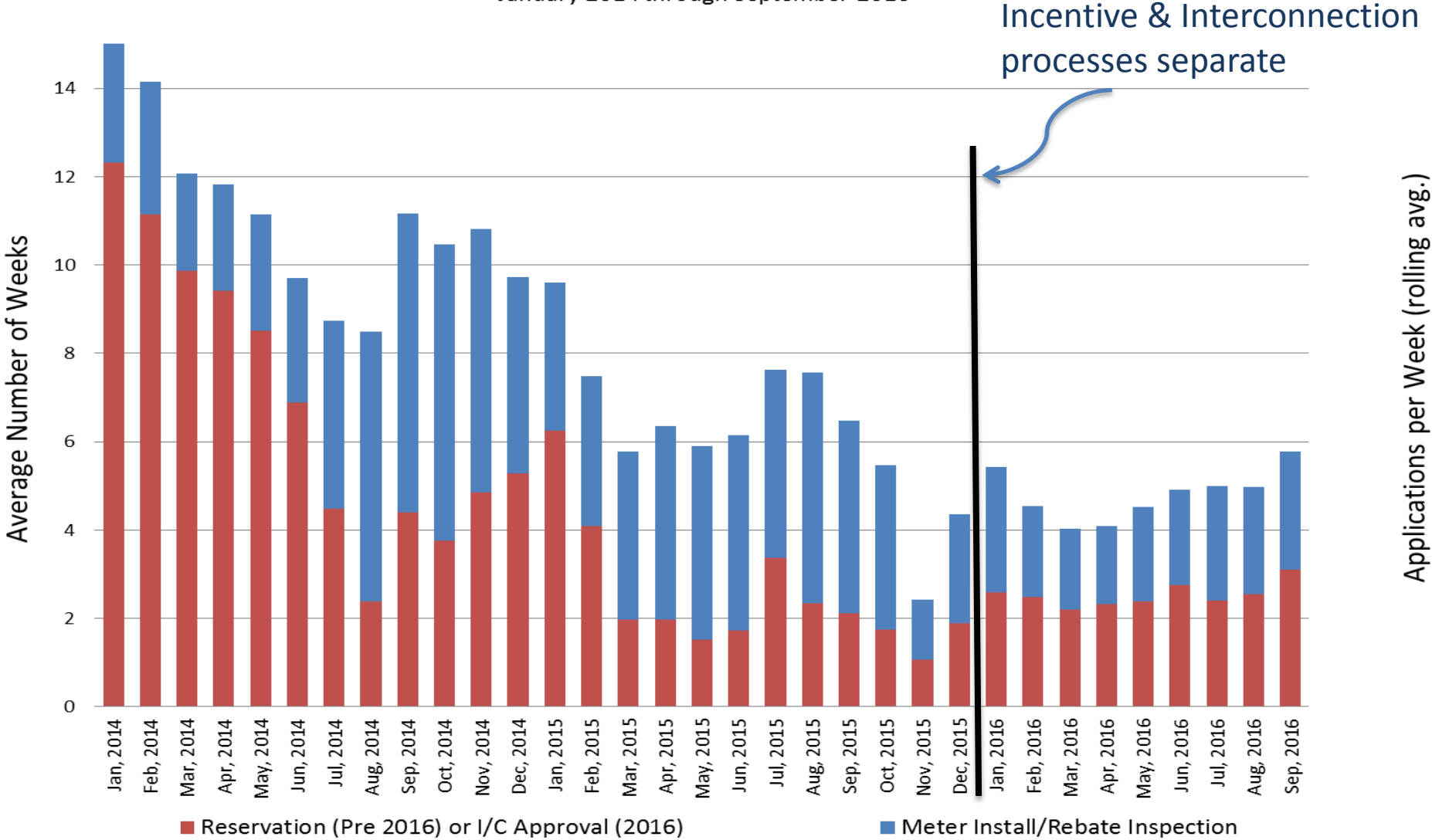


Historical Service Levels



Reservation/Interconnection Time & Meter Install Time

January 2014 through September 2016



Typical LADWP Customer



- Average LADWP Residential Consumption
 - 6,000 kWh per year
- Average Residential Rate
 - \$0.15/kWh
 - Approximately \$80 per month or \$160 per cycle or ~ \$1000 per year for electricity including minimum service fees
 - Electric rates are expected to increase about 2-3 % per year over next five years
 - The more energy used the higher the price for energy