



Los Angeles
Department of
Water & Power

Background of LADWP

- Largest Municipal Utility in the United States
- Regulated by Board of Commissioners & L.A. City Council
- Vertically Integrated
- Serving ~4 Million Residents, ~1.4 Million Electric Customers
- Total Electric Plant Capacity: 7,197 MW's
- Annual Electric Sales: 25,000 GWh
- Current Electric Rate: ~14¢/kWh (Average)





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Transformation of L.A. Power

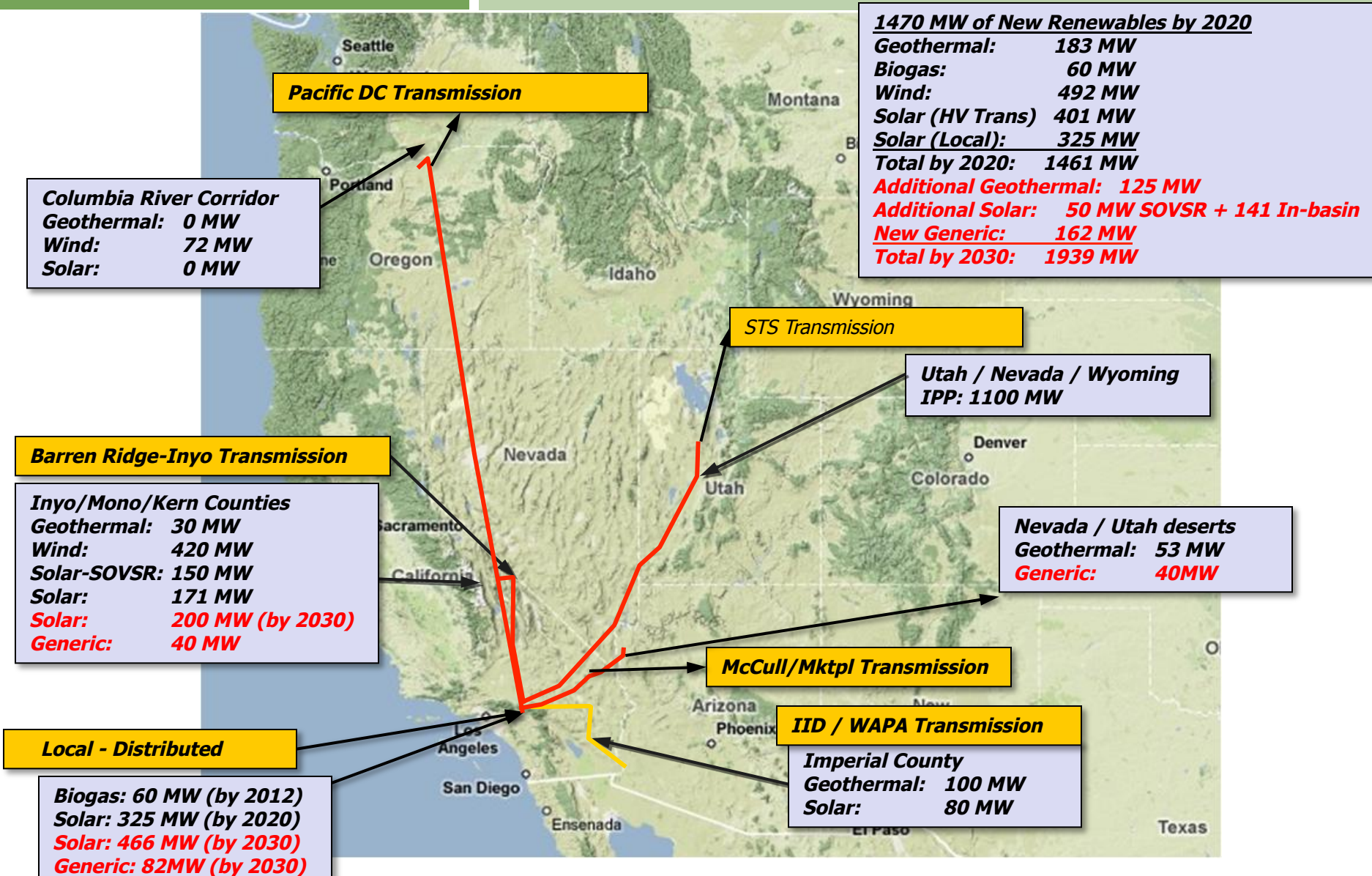
- **Developed:** power supply & generation over the past 100 years
- **Replace:** over 70% of aging infrastructure over the next 15 years to comply with legal mandates
- **Objective:** accomplish transformation and ensure reliability in the most cost-effective manner possible to maintain competitive rates for our customers





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Renewable Projects Map 2011-2030





Background: LADWP Solar Programs

Solar Incentive Program (SIP)(SB1 compliant)

67.8 Megawatts (MW) installed and \$201 million incentives paid
Expect 160 MW built and \$343 M incentives reserved by end of 2016
\$15+ million non-residential funds to be available July 1, 2013

Feed-in Tariff Program (150 MW by end of 2016)

10 MW Demonstration Program (Board approved: 4/17/12)
100 MW Set Pricing Program (Board approved : 1/11/13)

Utility Built Solar Program

10 MW of LADWP built solar currently operating in Adelanto
Evaluating in-basin and out-of-basin opportunities

Large-Scale Power Purchase Agreements (PPA)

Board recently approved two solar PPA – 210 & 250 MW
Negotiations continue on other renewable projects

*MW resulting from Demonstration contracts will reduce this 50 MW amount



LADWP Feed-in Tariff

Background – Purpose

Purpose of a Feed-in Tariff Program

1. Create an additional solar power funding mechanism to complement the Solar Incentive Program
2. Provide a program with set Guiding Principles: reliable, cost effective, dependable, sustainable, and transparent
3. Encourage distributed electrical generation from renewable resources close to load centers
4. Balance renewable portfolio for reliability via geographic and technology diversity
5. Stimulate local economic development
6. Satisfy Senate Bill (SB) 1332 (successor to SB 32)





LADWP Feed-in Tariff

Program – 100 MW FiT

100 MW Set Pricing Program

- Projects proposals accepted on a first come, first served basis
- 30 kW to 3 MW eligible renewable projects within LADWP service territory
- 20 MW allocation every 6 months
- Satisfies SB 1332 (successor to SB 32)
- Contract Terms up to 20 yrs

All FiT projects are expected to be operational the end 2016 to take advantage of Federal tax benefits



Solar Incentive Program

Residential & Non Residential Incentives

Residential Rebate Pricing

- Currently paying \$1.05/watt to install solar on a home (Leased/non-Leased systems)
- 6 MWs available for reservation at \$1.05/watt rebate level
- So Cal. Edison is currently at Step 9 (\$0.25/watt) DWP customers will receive 4x more rebate funds today to go solar vs. an Edison customer

Non-Residential Rebate Pricing

- Will re-launch the program on July 1, 2013
- \$15 M will be available at the current rebate level(subject to possible change)
- Very popular program- Last iteration



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Program Information

FiT and SIP

Feed-in Tariff

www.ladwp.com/fit

- FiT Hotline (213)367-2100
- FiT Email: fit@ladwp.com

Solar Incentive Program

www.ladwp.com/solar

- SIP Hotline (866)484-0433
- SIP Email: solar@ladwp.com





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Questions?

