



Los Angeles
Department of
Water & Power



FiT Management Report

Board of Commissioners Meeting

December 3, 2013





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LADWP Feed-in Tariff *Program Objectives*

- Create an additional solar power funding mechanism to complement the Solar Incentive Program
- Stimulate local jobs & economic development
- Satisfy SB 1332 (successor to SB 32)
- Encourage distributed electrical generation from renewable resources close to load centers
- Balance renewable portfolio for reliability via geographic and technology diversity

LADWP Feed-in Tariff Program Background

- April 3, 2012, the City Council granted LADWP by ordinance a delegation of authority to enter into contracts for 150 MW of local renewable energy projects.
- April 17, 2012, the prior Honorable Board (Board) approved the 10 MW FiT Demonstration Program.
- January 11, 2013, the Board approved the schedule of deploying 150 MW of FiT by 2016, 75 MW above the SB1332 CA state mandate.
- January 11, 2013, the Board approved the FiT Set Pricing Program (FiT100).
- February 1, 2013, LADWP launched the first 20 MW of FiT100 allocation at \$0.17/kWh.
- April 16, 2013, the Board adopted an additional 50 MW (FiT50) of Local Solar as the remaining part of the 150 MW FiT Program.
- June 4, 2013, staff reported status of FiT100 to Board.
- July 8, 2013, LADWP launched the second 20 MW allocation at \$0.16/kWh.



LADWP Feed-in Tariff FiT50 Program Highlights

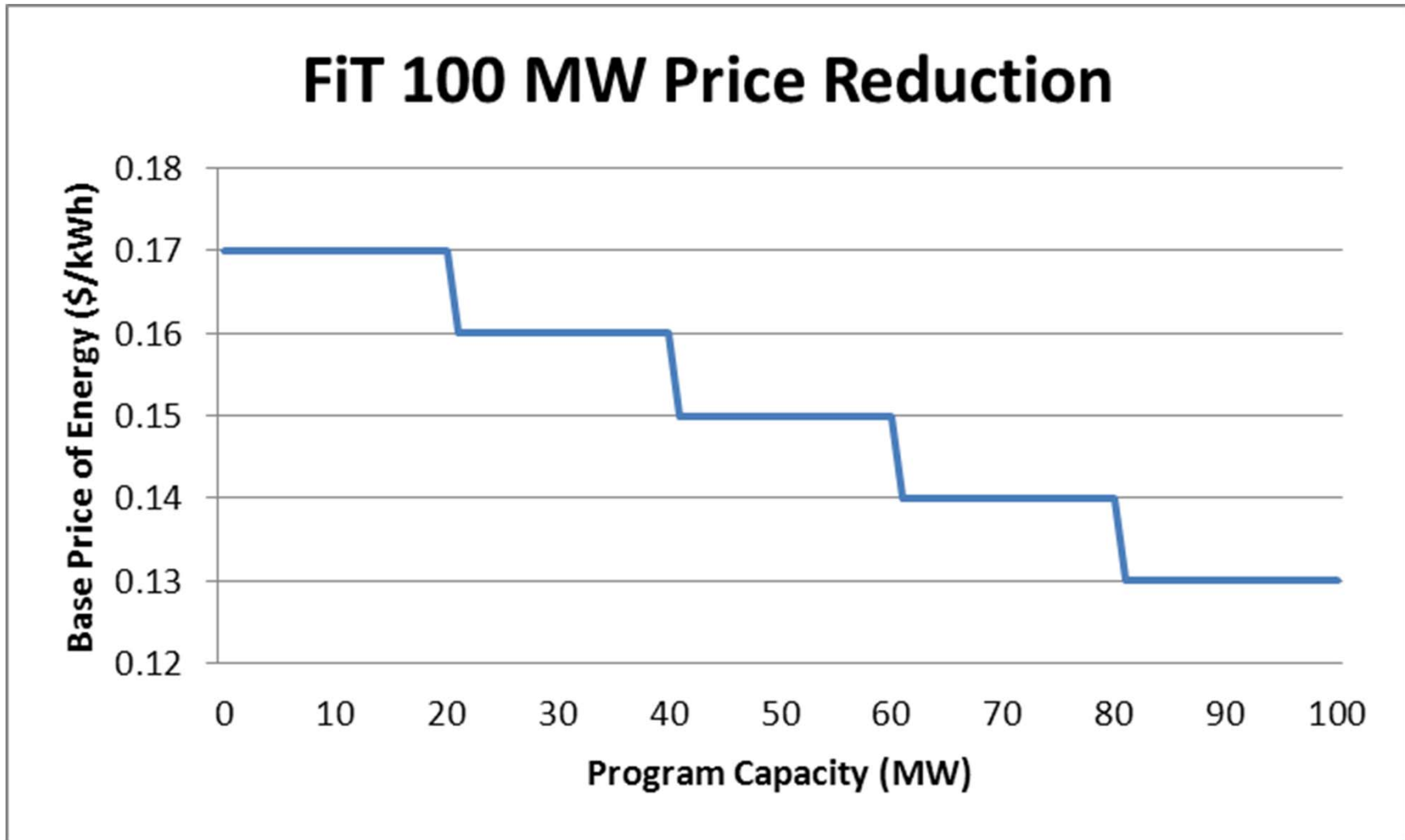
- Bundles 50 MW of local in-basin solar with the 200 MW Beacon Solar Project in a competitively priced program
- Bid price capped at \$0.14/kWh for 10 to 14 MW of aggregated local in-basin solar projects
- Under the Local In-Basin Solar Program, each developer will be required to reach MW installment milestones:
 - The first 1/3 of their total MW obligation by December 31, 2014
 - The second 1/3 of their total MW obligation by December 31, 2015
 - The last 1/3 of their total MW obligation by December 31, 2016



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LADWP Feed-in Tariff *FiT100 Program Highlights*

- 100 MW installed by 2016
- 20 MW allocation every 6 months
- Accepted on a first come, first served basis
- Lottery drawing if oversubscribed
- 30 kW to 3 MW eligible renewable projects within LADWP service territory
- 18 months to achieve commercial operation
- One project per legal parcel
- Up to a 20 year fixed-price contract term
- Price table posted on FiT Website



Note: Pricing is independent of each 20 MW allocation offerings.



Reserved Project Categories - 1st Allocation (60 projects)

- 22 Commercial
- 7 Warehouses
- 5 Industrial
- 4 Multifamily
- 6 Open Space
- 1 Parking Lot
- 15 Other/Unlisted

Note: Oversubscribed by 61 MW Owens and 28 MW in-basin

Reserved Project Categories - 2nd Allocation (65 projects)

- 43 Commercial
- 2 Warehouses
- 7 Industrial
- 3 Multifamily
- 5 Open Space
- 4 Government / Non-Profit

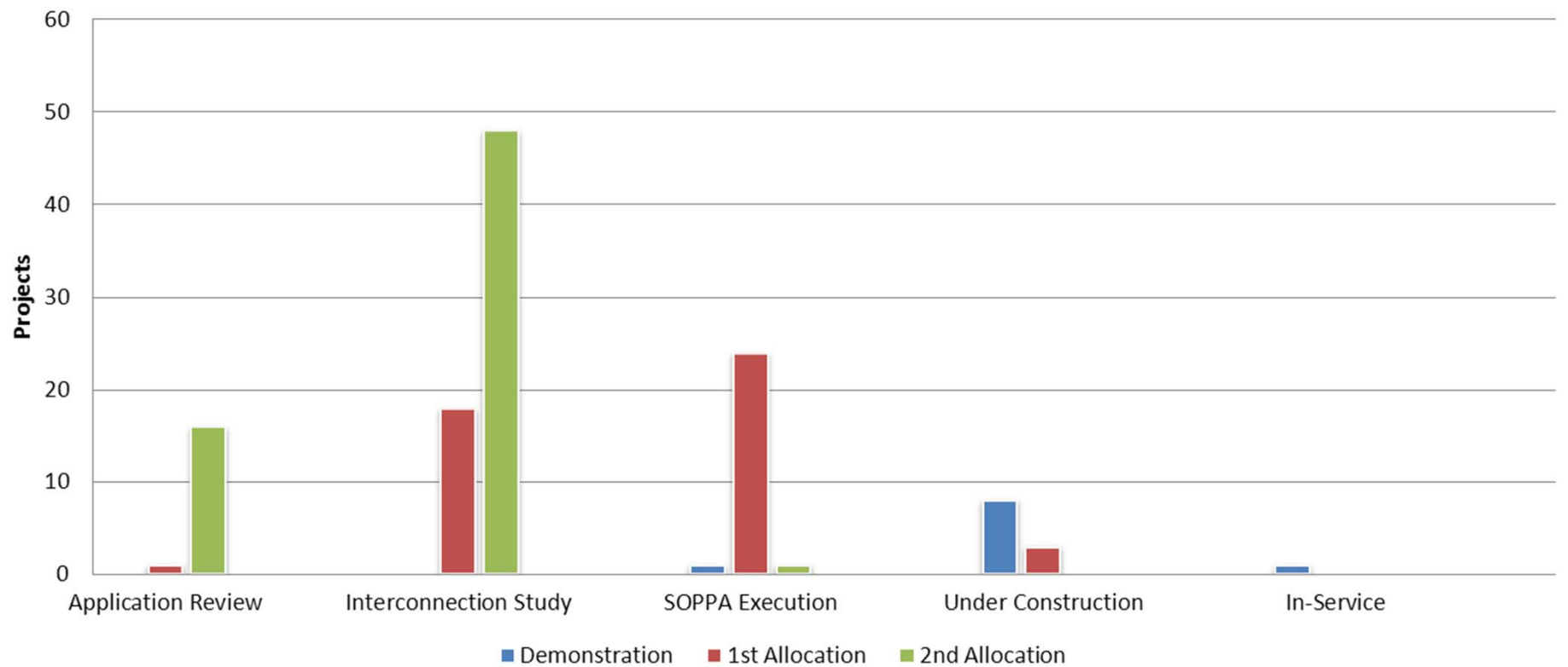
Note: Oversubscribed by 52 MW, all in-basin



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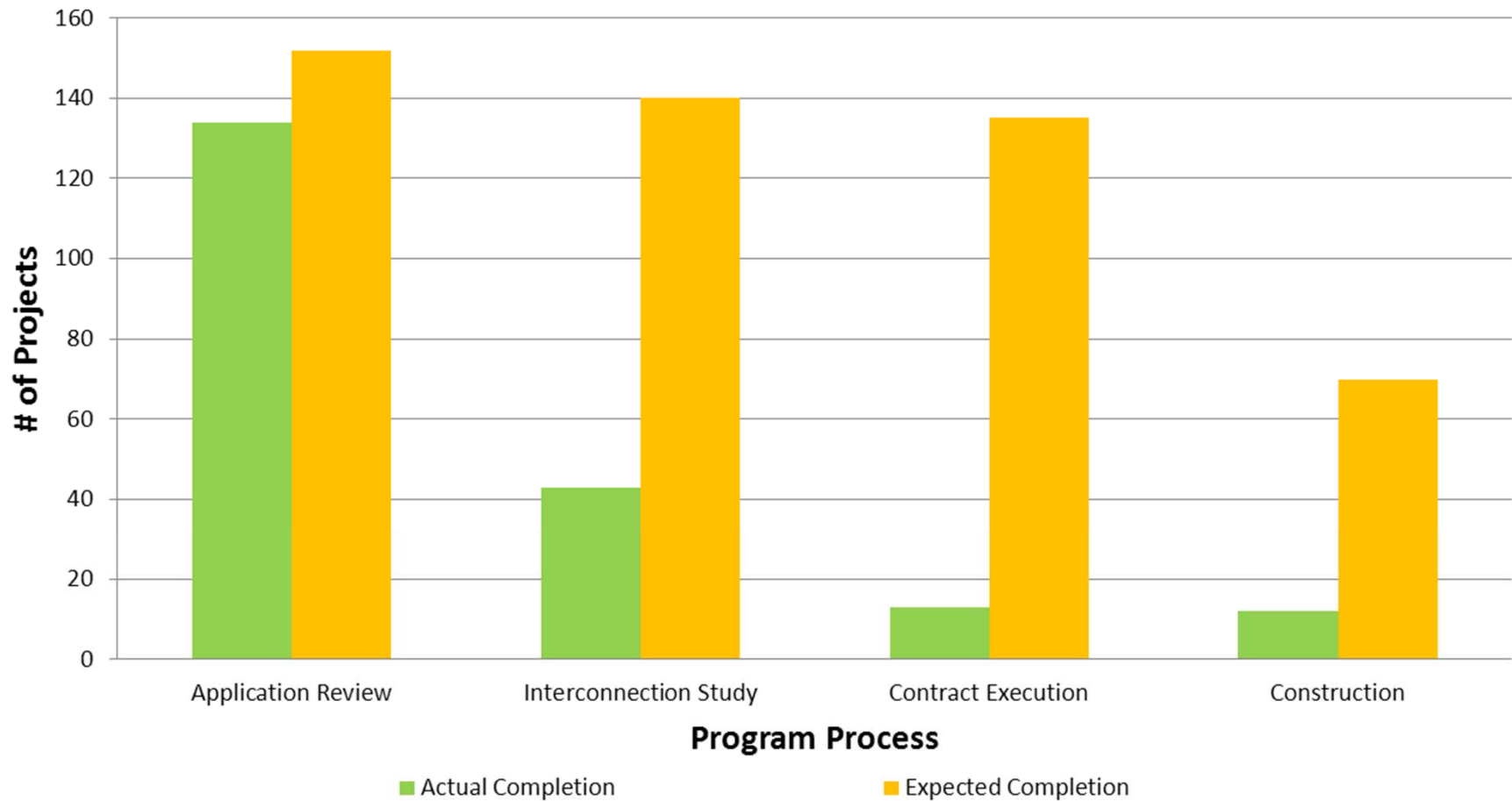
LADWP Feed-in Tariff FiT100 Processing Status

Program Status





FiT100 Program Backlog





Renewable Market Adjusting Tariff (Re-MAT) for IOUs

- Re-MAT is a Public Utilities Commission requirement for all CA IOUs
- Contract price starts @ \$0.089/kWh
- Typically are large ground-mounted solar projects

Large-Scale PPAs (executed 2012)

- Contract prices @ approximately \$0.09/kWh
- Large ground-mounted solar projects > 100 MW

FiT50 Price Indications

- Currently finalizing the shortlist for FiT50 proposals
- The average bid price received from all proposals is \$0.125/kWh



Upcoming Events / Dates

Jan 2014	Recommend Guideline Revisions to Board
Feb 2014	Launch Third 20 MW Allocation
Q1 2014	Execute Contracts for FiT50

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