

## Overview of California Feed-in Tariff Programs – October 2019

	City of Palo Alto	Marin Clean Energy	Redwood Coast Energy Authority	Sonoma Clean Power	Sacramento Municipal Utility District	Los Angeles Department of Water & Power <sup>1</sup>
<b>Program Name</b>	<a href="#">Palo Alto CLEAN</a>	<a href="#">MCE FIT and FIT Plus</a>	<a href="#">RCEA Feed-In Tariff Program</a>	<a href="#">ProFIT</a>	<a href="#">Tariff 1-FIT</a>	<a href="#">65 MW FiT Reoffer</a>
<b>Program Type</b>	Voluntary	Voluntary	Voluntary	Voluntary	Voluntary	Voluntary
<b>Eligible Parties</b>	Developer	Customer and Developer	Developer	Developer	Customer and Developer	Customer and Developer
<b>Project Capacity</b>	N/A	MCE FIT: 0-1 MW FIT Plus: 1-5 MW	Under 1 MW	Under 1 MW	Up to 5 MW	30 kW – 10 MW
<b>Eligible Technology</b>	RPS-eligible resources	RPS-eligible resources	RPS-eligible resources	RPS-eligible resources	RPS-eligible resources or combined heat and power facilities	SetFIT: Solar PV and Landfill Gas BlockFIT: Solar PV
<b>Start Date, End Date</b>	2012-Present	2012-Present	2019-Present	2014-2018	2010-2012	2013-Present
<b>Tariff Type</b>	Fixed Pricing	Fixed Pricing	Fixed Pricing	Fixed Pricing	Fixed Pricing	Fixed and Competitively Bid Pricing
<b>FIT Program Capacity</b>	N/A	MCE FIT: 25 MW FIT Plus: 20 MW	6 MW	6 MW	100 MW	450 MW
<b>Summary</b>	A municipal utility program that offers fixed price contracts and does not specify capacity limits. The utility receives all energy output, RECs, and capacity attributes.	A community choice aggregator program that has 2.9 MW of remaining capacity available. Prices vary based on technology type: peaking, baseload, or intermittent.	A community choice aggregator program with a total programmatic capacity of 6 MW. RCEA is offering standardized 20-year fixed price contracts under 1 MW in Humboldt County.	A community choice aggregator program that has 3 MW operational, 1 MW in construction, and 2 MW in development. The program is fully subscribed and is no longer available for additional project applicants.	A municipal utility program that is fully subscribed. Rates are based on season and time of day that energy is generated. Currently, unsolicited bids are compared to other procurement options and might be procured.  Effective August 4, 2010, SMUD has suspended the acceptance of new feed-in tariff applications.	Municipal utility program with 66.2 MW in-service, 79.8 MW active, and 6 MW available as of June 2019.  Reoffer of 65 MW of available capacity opened June 30, 2017; comprised of a 35 MW set pricing component (SetFIT) offered at \$0.145/kWh and a 30 MW competitively bid component. (BlockFIT) not to exceed \$0.145/kWh and \$0.115/kWh for landfill gas technology.

<sup>1</sup> LADWP Board of Commissioners voted to expand LADWP's FiT program by 300 MW in September 2019. Other changes made to LADWP's FiT program include project size increased to 10MW from 3MW and additional eligible renewable energy technologies. <https://www.ladwpnews.com/ladwp-board-of-commissioners-votes-to-expand-feed-in-tariff-program-by-300-mw/>.

## Overview of U.S. Feed-in Tariff Programs – October 2019

	California	Hawaii	Maine	New York	Oregon	Rhode Island	Vermont	Washington
<b>Program Name</b>	<a href="#">ReMAT</a> <a href="#">BioMAT</a>	<a href="#">Hawaiian Electric</a> <a href="#">Companis' FIT</a>	<a href="#">Maine Feed-In Tariff</a> <a href="#">Program</a>	<a href="#">Feed-In Tariff I,</a> <a href="#">II, and III</a>	<a href="#">Feed-In Tariff Pilot</a> <a href="#">Program</a>	<a href="#">Renewable Energy</a> <a href="#">Growth (REG)</a> <a href="#">Program</a>	<a href="#">SPEED</a> <a href="#">Program</a>	<a href="#">Renewable Energy</a> <a href="#">System Cost Recovery</a> <a href="#">Incentive Payment</a> <a href="#">Program</a>
<b>Program Type</b>	Mandatory IOU Procurement	Voluntary IOU Procurement	Mandatory IOU Procurement	Voluntary IOU Procurement	Mandatory IOU Procurement	Mandatory IOU Procurement	Mandatory IOU Procurement	Voluntary IOU Procurement
<b>Eligible Parties</b>	Developer	Developer & Customer	Developer & Customer	Developer & Customer	Developer & Customer	Developer & Customer	Developer	Customer
<b>Project Capacity</b>	Up to 3 MW	Up to 5 MW	Up to 10 MW	I: up to 20 MW II: up to 2 MW III: up to 1 MW	Up to 500 kW	Up to 5 MW	Up to 2.2 MW	Up to 75 kW per system
<b>Eligible Technology</b>	ReMAT: Wind, Solar, Geothermal, Small Hydro BioMAT: Biogas, Agricultural and Forest Bioenergy	Solar, Wind, Geothermal, Muni. Waste, Small Hydro, Biomass	Solar, Wind, & other resources if a price study is conducted	Solar PV	Solar PV (Community Solar)	Wind, Solar, Small Hydro, & Anaerobic Digestion	Solar, Wind, Landfill Gas, Small Hydro, Farm Methane, & Energy Crops	Solar, Wind & Anaerobic Digestion
<b>Start Date, End Date</b>	ReMAT: 2014-2017 BioMAT: 2015-present	2010-2014	2009-2015	2012 - Present	2010-2016	P1: 2011-2014 P2: 2015-2029	2013-2022	2006-2020
<b>Tariff Type</b>	Market Adjusted	Fixed	Fixed Pricing for <1MW; Competitive Pricing for 1-10 MW	Market Clearing Price, Fixed	Market Adjusted < 100 kW > Competitive Bidding	Competitive Bidding; Ceiling Price	Competitive Bidding; Price Caps by Technology Type	Fixed
<b>FIT Program Capacity</b>	ReMAT-750MW BioMAT-250MW	80MW	50 MW	I: 50 MW II: 100 MW III: 20 MW	27.5 MW	160 MW; additional 40 MW annually 2020-2029	127.5 MW	Greater of 0.5% of utilities power sales per year or \$100,000/year
<b>Summary</b>	Two programs that utilize market adjusting price mechanisms.	The FIT program was approved as a two-year pilot to facilitate renewable energy project development and has enabled development of approximately 15 MW of clean, solar power in Hawaii.	A pilot program with fixed pricing for small projects & competitive bidding for projects between 1- 10 MW.	In II and II, a market clearing price mechanism set the prevailing rate for all selected bidders. Also, phase 2 had a location-based adder.	Pilot feed-in tariff for each investor-owned utility in the state. Under this pilot program, each qualifying system may be up to 0.5 MW, with a maximum of 27.5 MW in total statewide capacity.	A program that moved from standard contracts to tariffs in the Phase 2. For both phases a ceiling price is set by an appointed board & lowest bids are selected.	A facilitator sets ceiling price & evaluates competitive bids. Rate impacts are spread to utilities based on pro rata share of prior year's sales.	A tax credit pass-through program where utilities pass tax savings to ratepayers for their share of community solar projects. \$5,000 tax credit per person per year.