Los Angeles Department of Water & Power

FEED-IN TARIFF PLUS (FiT+) PILOT PROGRAM GUIDELINES

Effective: January 12, 2021

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1.0 - Definitions

For the sole purpose of these Guidelines, the capitalized terms listed below shall have the specific meanings ascribed to them in this section:

"Applicant" means the person or entity submitting the FiT+ Pilot Program Application.

"Application" means the FiT+ Pilot Program Application form listed in Attachment 4 of these Guidelines and related required documentation to initiate the process of entering into a COPPA with LADWP.

"ATS" means Automatic Transfer Switch.

"A2B" means LADWP Authorization-to-Bill, which serves as an invoice for interconnection costs.

"Base Price of Energy" or "BPE" means the dollar per kilowatt-hour ($/kWh) price, submitted by Applicant, used in calculating the Purchase Price.

"Battery Energy Storage System" or "BESS" means the battery energy storage system that can store electricity pursuant to Section 3.4.1 of these Guidelines.

"BESS Capacity" means the rated capacity in kilowatts alternating current of the battery energy storage system.

"BMS" means the Battery Management System.

"Business Day" means any calendar day that is not a Saturday, a Sunday, or a day on which commercial banks are authorized or required to be closed in Los Angeles, California, or New York, New York.

"Capacity" or "Facility Capacity" means the total discharge capacity of the Facility in kilowatts alternating current, at the Point of Delivery.

"Carport Solar" means solar panels that are installed on overhead canopies that cover parking areas.

"CEC" means the California Energy Resources Conservation and Development Commission, also known as the California Energy Commission, or its successor agency.

"CEC-AC" or "CEC-AC Capacity" means the alternating current rating used by the California Energy Commission which is based upon the product of the PVUSA Test Condition (PTC) rating of the photovoltaic (PV) module, PV module quantity, and the AC inverter efficiency.

"CEC Certified" means that the CEC has certified that the Facility is an eligible renewable energy resource in accordance with Public Utilities Code Section 399.12(e) and the most recent guidelines (including the CEC RPS Eligibility Guidebook) adopted by the CEC.

"Commercial Operation" means the completed permitting, construction, and testing of the Facility such that the Facility is both authorized and able to deliver energy at full capacity to the point of interconnection.

"Commercial Operation Deadline" means the date by which the Applicant must achieve Commercial Operation as detailed in the COPPA.

"COPPA" means the FiT+ Pilot Program Competitive Offer Power Purchase Agreement to sell Facility energy to LADWP under the FiT+ Pilot Program.

"Customer" means an LADWP customer or a third party who will establish a customer account with LADWP, upon interconnection to LADWP's Distribution System.

"Distribution System" means the conductors (or wires), transformers, and related equipment utilized by LADWP to deliver electric power to its customers at distribution level voltages. The Distribution System is not defined by one specific voltage, but rather as equipment that provides the distribution function at any voltage.

"Development Security Deposit" or "DSD" means the development security deposit equaling $100 per kW of Facility Capacity required for the FiT+ Pilot Program.

"ECC" means Energy Control Center.

"Eligible Renewable Energy Resource" means an electric generation photovoltaic solar facility that meets all criteria in Section 10.5.2(1)(d) of the Los Angeles Administrative Code and is CEC Certified.

"Facility" means the Eligible Renewable Energy Resource and Battery Energy Storage System used to produce energy under this FiT+ Pilot Program, including all property interests and related electrical and non-electrical equipment, and complies with all local and national codes.

"FiT+ Pilot Program" or "FiT+ Program" means the LADWP Feed-in Tariff+ Pilot Program to purchase renewable electric energy and all environmental attributes under a competitive offer contract for PV systems paired with a BESS.

"Ground-mount Solar" means solar panels that are installed on support structures that are mounted to the ground.

"Guidelines" means these FiT+ Pilot Program Guidelines as adopted by the Board, including all amendments, revisions, and any successor thereto.

"IA" means the STANDARD OFFER FOR FEED-IN TARIFF SELF-GENERATION and BATTERY ENERGY STORAGE SYSTEM (BESS) INTERCONNECTION AGREEMENT to be entered into by the Customer and LADWP that defines and governs how a Customer will interconnect a parallel solar generator and electric energy storage onto LADWP's Distribution System.

"IEC Standards" means International Electrotechnical Commission, is an international Standards organization for all energy storage-related technologies.

"IEEE Standards" means The Institute of Electrical and Electronics Engineers (IEEE) is an American based professional organization.

"In-service" means projects that are in commercial operation and export energy to the LADWP grid.

"Interconnection Costs" means the cost to integrate the Facility into LADWP's electric grid for the expected delivery of Energy to Buyer pursuant to this Agreement throughout the Agreement Term.

"kV" means a kilovolt (1,000 volts).

"kW" means a kilowatt (1,000 watts) of electric power in.

"kWh" means the power in kilowatts produced in one hour.

"LADWP" means the Los Angeles Department of Water and Power.

"Mutual Termination Form" shall have the meaning set forth in Attachment 3 of these Guidelines.

"MW" means a megawatt (1,000,000 watts) of electric power in alternating current.

"Nameplate" means the total nameplate capacity of the Facility in kilowatts direct current.

"NEC" means the National Electric Code.

"NERC" means the North American Electric Reliability Corporation.

"Normal Operation" means all PV Solar and BESS energy is exported directly to LADWP's electric grid.

"Peak Hours" means all hours during which the Time of Delivery multiplier values are equal to three (3) pursuant to Section 4.3.2 of these Guidelines.

"Peak Shaving Operations" means the transition to an alternative operations mode that allows the Facility to reduce demand from the LADWP grid by offsetting some of the Site's energy load, including, but not limited to, peak electric load in accordance with SGIP's minimum requirements.

"PNBDTA" means LADWP's Power New Business Development and Technology Applications division.

"Point of Delivery" or "POD" means the location where the FiT+ Facility's wiring terminates and electrical energy is required to be delivered to LADWP by the Applicant. At the POD, the customer's wires are connected to LADWP equipment and conductors.

"Project" is interchangeable with the term "Facility".

"Purchase Price" means the product of the Base Price multiplied by the Time of Delivery Multiplier established Section 4.3.2 of the Guidelines based on an associated hour ending and monthly value.

"Resiliency Operations" means the transition into an emergency mode that allows the Facility to provide backup power to the Site during an LADWP Outage.

"Rooftop Solar" means solar panels that are mounted above a building's roof.

"Secondary Point of Delivery" means the location where electrical energy is required to be delivered to the Site by the Applicant for Resiliency and Peak Shaving Operations.

"Seller" is how the FiT+ Pilot Program Applicant will be referred to after LADWP executes a signed FiT+ COPPA with the Applicant.

"SGIP" means the Self Generation Incentive Program established by the California Public Utilities Commission pursuant to the requirements of California Public Utilities Code Section 379.6 to provide incentives to support development of existing, new, and emerging distributed energy resources.

"SGIP Eligible" means the Applicant has received confirmation of eligibility to receive upfront incentives and may continue to receive production-based incentives from SGIP, or any successor thereto, for the Battery Energy Storage System.

"Site" means the real property where the Facility is located or will be located (including all fixtures and appurtenances thereto) and related physical and intangible property generally owned or leased by the Applicant, and including any easements, rights-of-way or contractual rights held or to be held by Applicant for transmission lines and/or roadways servicing such Site or the Facility located (or to be located) thereon.

"Site Control" means the Applicant shall (i) own the Site; or (ii) be the lessee or licensee of the Site under a lease or license which permits the Applicant to perform its obligations under this pilot program.

"UL" means Underwriters Laboratories, a global safety certification company.

"Utility-Interactive Inverter" is "an inverter intended for use in parallel with an electric utility to supply common loads that may deliver power to the utility", as stated in Article 100 of the NEC. Such inverters are permanently utility interactive at the point of interconnection to the grid and enable the export of energy to the utility.

"Verified Equipment" means LADWP Distribution System equipment serving a FiT+ Pilot Program Zone as verified by LADWP staff.

"WREGIS" means Western Renewable Energy Generation Information System, and any successor; provided that said successor can perform substantially similar functions and is acceptable to Buyer.

"WREGIS Operating Rules" means the rules describing the operations of the Western Renewable Energy Generation Information System, as published by WREGIS, and as may be amended from time to time.

"Zone" or "Zones" means the distribution zones as described in Section 3.5 of these Guidelines.

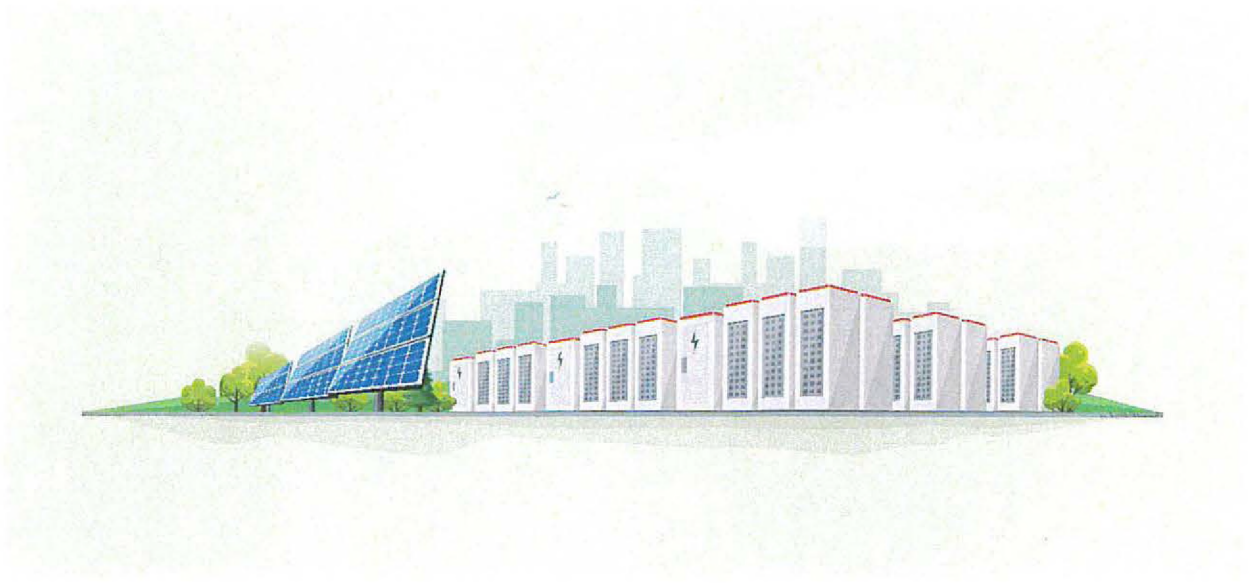
2.0 - Overview

As LADWP works toward the completion of the LA100 Study (100 percent Renewable Energy Study) to determine what investments should be made to achieve its RPS compliance targets, the integration of DERs is a consistent requisite for achieving sufficient grid reliability. DERs address local needs for the in-basin generation to assist with power quality, carbon footprint reduction, and resiliency aspects of the distribution system. LADWP's integration of local DERs will better align resource investments as higher levels of renewable generation are achieved.

Within the broader utility sector, technological advancements and public policies are encouraging greater adoption of DERs to meet electric system needs. Therefore, the intent of the FiT+ Pilot Program is to determine the optimal business strategies and processes required to facilitate a broader, local DER deployment model that is beneficial to LADWP's electric system infrastructure and its ratepayers. LADWP must remain a vanguard of the utility industry regarding innovation and long-term strategic planning of resource deployments.

For more information please visit (www.ladwp.com/cleanenergyfuture)

2.1 – FiT+ Program Framework



Under the FiT+ Pilot Program, LADWP will use a competitive bidding process for up to 10 MW of DERs within the City of Los Angeles basin. These DERs will be integrated into LADWP's 4.8 kilovolt (kV) distribution system in a manner that optimizes the deliverability of electricity generated during hours that are most beneficial for the deferral of distribution system upgrades and for the reliability of the distribution grid within zones where such upgrades would be otherwise required. The program pricing structure will ensure that energy will be dispatched during targeted hours to reduce system-level demand.

The FiT+ Pilot Program projects may also be designed to:

(1) increase the reliability and resiliency of the grid by allowing Facility energy to be consumed on-site during a potential LADWP grid outage (Resiliency); and

(2) reduce customer energy consumption from the grid during certain peak periods (Peak Shaving).

Staff has worked closely with local stakeholders and held numerous discussions on ways to maximize participation based on lessons learned and insights gained since the inception of the original FiT program. Based on staff's lessons learned and considering stakeholder input, the framework for the FiT+ Pilot Program is detailed further in these sections.

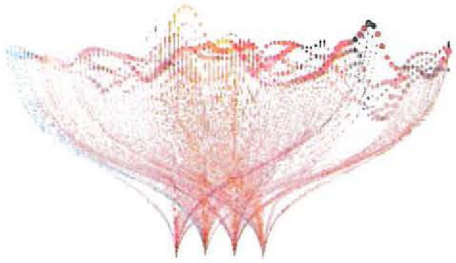
LADWP seeks to expand the current FiT Program to further promote the use of locally generated solar energy in specific regions and to ensure the deployment of energy storage projects that can dispatch solar energy in a manner that optimizes the deliverability of Facility energy to nearby load centers at hours that are most beneficial for the deferral of distribution system upgrades. These Facilities will enhance the reliability of the distribution grid. This will be done through the use of Battery Energy Storage Systems (BESS). A goal of the pilot is to leverage the existing California Public Utilities Commission's (CPUC) Self Generation Incentive Program (SGIP) to bring down the cost of optimally dispatched distributed solar energy purchased by LADWP.

FIT+ PROGRAM OVERVIEW

- ✓ Applications will be evaluated in a competitive bidding process.
- ✓ Applicants must meet all eligibility and minimum technical requirements.
- ✓ Application period will be open for 90 calendar days after the bid announcement date. All bids will be open on bid opening date (To Be Determined). LADWP will review proposals and intends to award contracts within no earlier than 40 days of bid opening date.
- ✓ Applicants may only submit one Application per Site. Each FiT+ Facility may not exceed the total Project Capacity of 500 kW-AC at the Point of Delivery.
- ✓ Award of contract will be dependent on the review of submitted Facility Base Price of Energy, Energy Production Profile, Location, and Interconnection Costs.
- ✓ Applicants must enter into a FiT+ Competitive Offer Power Purchase Agreement (COPPA). The contract term shall be 20 years.
- ✓ Applicants must enter into an Interconnection Agreement, submitted at the same time as the FiT+ COPPA.
- ✓ The project must achieve Commercial Operation within 12 months after the effective date of the COPPA. Projects may be eligible on a case-by-case basis to request a one-time six-month extension at the sole discretion of LADWP.
- ✓ Existing in-service FiT projects are eligible to apply for this program under the FiT+ COPPA and the new IA. The existing agreement will be terminated and replaced by the new FiT+ COPPA and IA through mutual agreement pursuant to the Mutual Termination Form.
- ✓ Interconnection costs incurred by the Applicant will be reimbursed up to $150,000 after achieving Commercial Operation and after the Facility is generating energy pursuant to the FiT+ COPPA. A cash payment for interconnection costs will be issued along with the first energy payment.
- ✓ All Facilities must either qualify for operation under the existing FiT Master Conditional-Use-Permit (CUP) or obtain a Conditional-Use-Permit for the Facility through the Los Angeles City Planning Department prior to accepting FiT+ Application.
- ✓ Under this FiT+ Pilot Program, Facilities may be operated in the following modes:
    - ➢ Normal Operations
    - ➢ Resiliency Operations
    - ➢ Peak Shaving Operations
- ✓ Each Facility may provide Resiliency for critical loads, in the event of a grid outage, or Peak Shaving Operations to obtain SGIP eligibility by providing energy directly to on-site loads
- ✓ All Facility energy can only be sold to LADWP and cannot be sold to third parties. Facility energy may be used for on-site loads only under Resiliency or Peak Shaving operation modes.

2.2 – Distribution System Zones and Benefits

Through historical metering data tracked by LADWP, staff developed a methodology of forecasting technical limitations and constraints of the LADWP distribution system. Through data analytics, distribution circuits were visualized and prioritized by those circuits which could most benefit from non-wires alternatives (NWAs). NWAs offer a simpler and potentially more cost-efficient solution to traditional distribution investment options (e.g., building new stations, upgrading circuits, building new distribution lines, etc.).



Under the FiT+ Pilot Program, LADWP will provide NWAs by adding up to 10 megawatts (MW) of distributed energy resources (DERs) to the 4.8 kV Distribution System. These DERs will dispatch stored renewable energy in a manner that optimizes the deliverability during hours that are most beneficial for the deferral of distribution system upgrades and for the reliability of the distribution grid within three specific zones located in certain parts of South LA, the East Valley, and West LA, where costly upgrades would be otherwise required.

The grid is constrained by overgeneration during peak daylight hours in the winter and spring, combined with high demand in the evening hours. During the summer, there is higher demand in the late afternoon and early evening.

The FiT+ Pilot Program is structured so that renewable energy will be delivered where LADWP needs it most, and when LADWP needs it most. Those Facilities deploying a BESS obtained under the SGIP will also be able to reduce a certain amount of on-site customer demand during peak periods.

2.3 – Self Generation Incentive Program (SGIP)

The SGIP provides incentives to support existing, new, and emerging DERs through 2024. SGIP currently provides rebates, up to $1,000 per kilowatt-hour (kWh), for qualifying BESS customers. Eligible LADWP customers can receive SGIP benefits through the local SGIP program administrator, the Southern California Gas Company. To be eligible for SGIP incentives, the CPUC requires energy storage systems to have functionality that reduces demand from the LADWP grid by offsetting some of the on-site energy load during peak periods for grid demand. Systems should be able to charge during low demand periods and discharge to on-site loads during high demand periods, thereby reducing greenhouse gas emissions. The current SGIP incentive covers a large portion of the expected BESS costs, typically up to 60 percent of today's installed costs.

Applicants should independently verify SGIP requirements. Requirements listed here are LADWP's understanding at the time of writing.

To qualify for SGIP incentives, the Facility must meet the minimum SGIP requirements stated in the most recent version of the CPUC's SGIP Handbook[1] and work directly with Southern California Gas[2] to obtain eligibility, rebates, or incentives.

[1] The latest SGIP Handbook is located at (https://www.selfgenca.com).
[2] The SGIP Administrator for the LADWP service territory is SoCalGas (www.socalgas.com/for-your-business/power-generation).

SGIP Minimum Requirements

- The system must be interconnected to the utility grid
- The system cannot be used only for emergency backup
- The system must be capable of discharging fully at least once per day
- The system is required to discharge a total amount of energy to on-site customer loads that is equal to, at minimum, 104 full discharges per year
- Systems must pass the required Southern California Gas Company energy storage Field Verification Inspection
- Non-residential energy storage systems must discharge energy to on-site load in a manner that reduces GHG emissions by 5 kg CO_2 / kWh of rebated energy capacity on an annual basis, as defined by the real-time SGIP GHG emissions signal

Current SGIP Incentive Rates and Structure[3]

Large-Scale Storage Claiming ITC (> 10 kW)	$250/kWh
Non-Residential Equity Budget	$850/kWh
Equity Resiliency Budget	$1000/kWh

Non-residential storage projects participating in the SGIP receive incentives via a Performance Based Incentive (PBI) structure. The total incentive amount may be awarded upon project completion as explained in detail in the latest version of the SGIP Handbook.

The energy storage market is still in its infancy and associated costs are still at a premium within the utility market. To lower LADWP's costs while energy storage prices decline (as similarly observed within the solar PV market), it is imperative that LADWP allow FiT+ Pilot Program projects to leverage the SGIP incentives. Therefore, to promote SGIP eligible facilities in the City, the FiT+ Pilot Program will enable FiT+ participants to implement Peak Shaving operations.

3.0 – FiT+ Pilot Program Eligibility and Technical Requirements

The FiT+ Pilot Program provides for up to 10 MW of renewable energy Projects. Due to the limited amount of available capacity, eligible Facilities are limited to a Capacity of 30 to 500 kW-AC. However, in accordance with Section 3.2, Nameplate capacity of the Facility may exceed 500 kW-DC.

The Applicant shall be responsible for all necessary permitting to construct and operate the Facility. The Applicant shall be responsible for submitting all information and documentation required by these Guidelines, including any necessary analyses, forms, applications, or fees required for an interconnection agreement (IA) or FiT+ COPPA. The Applicant is solely responsible for obtaining any tax credits or the SGIP rebates for the Project.

Failure to provide the information and demonstrate that each minimum requirement has been met as detailed below will result in disqualification.

[3] See the latest SGIP Handbook and consult with the SGIP Program Administrator for up-to-date requirements and detailed incentive rates

3.1 – Applicant Requirements

Applicants to the FiT+ Pilot Program must satisfy the following requirements to be considered for the program:

- Must have at least two years of solar or energy storage installation experience.
- Must have developed at least one solar or energy storage project equal to or greater than the proposed kW-AC Capacity on the application. Such projects must be currently in operation within the United States.

3.2 - Project Size and Ratings

Size Requirements. Each Facility shall have a minimum and maximum discharge Capacity ranging from 30 kW to 500 kW-AC at the Point of Delivery (POD), and be connected to LADWP's 4.8 kV Distribution System. Each Project's Capacity may be additionally limited to distribution circuit capabilities as determined during integration studies conducted by the LADWP Distribution Planning group. If such reduction is required, the Applicant may withdraw their application.

PV Solar Rating. CEC-AC Capacity ratings for solar photovoltaic systems will be determined by multiplying the module PTC (PVUSA Test Conditions for rating module performance) rating by the total quantity of modules and the inverter efficiency. The CEC-AC Capacity will be used for the PV segment.

BESS Rating. The rated BESS Capacity (AC) for energy storage technologies will be determined by multiplying the nominal voltage by the amp-hour capacity multiplied by the inverter efficiency and divided by the duration of discharge.

3.2.1 – AC and DC Coupling

Based on the type of system configuration each Facility may have different combined PV solar and BESS capacity limits.

DC Coupled Overview. A DC coupled system uses a single dual-function inverter. This inverter is tied to both the PV solar array and BESS, and it typically communicates with the BESS charge controller to make dispatching decisions for the system. All dispatching decisions are made in a single location. Due to the single point dispatch capabilities DC coupled systems may have a combined Facility Nameplate rating larger than 500 kW-DC. However, in no event shall the Facility's Capacity output to LADWP's grid exceed 500 kW-AC.

AC Coupled Overview. An AC Coupled system uses a grid-tied inverter for the PV array, as well as a dual function inverter to charge and make dispatching decisions with the BESS. Due to the multiple point dispatch capabilities AC coupled systems must have a Facility Nameplate rating not to exceed 500 kW-DC. In no event shall the Facility's Capacity output to LADWP's grid exceed 500 kW-AC.

3.3 – Retrofitting Existing FiT Systems

PV solar projects that are already in-service may be considered for the participation in the FiT+ Pilot Program if all of the following requirements are satisfied. Each potential retrofit project must:

- Be actively participating in the existing FiT Program.
- Be a PV solar project.
- Meet all the requirements set forth in these FiT+ Pilot Program Guidelines.
- Have less than 10 years of in-service operation pursuant to commercial operation date of the executed Standard Offer Power Purchase Agreement (SOPPA).

If the Applicant is selected for participation in the FiT+ Program, then the Applicant must complete the Mutual Termination Form (Attachment 3) to terminate the existing SOPPA and enter into the FiT+ COPPA.

3.4 - Technologies and Qualified Facility Components

All Facility components must follow prudent utility practices for quality. Only Facility components, including but not limited to, photovoltaic modules, energy storage technologies, automatic transfer switches (if applicable) and inverters that are certified by a nationally recognized testing laboratory are eligible for the FiT+ Program.[4] Refer to LADWP's Electric Service Requirements Manual[5] (ESR Manual) for the latest service equipment and installation requirements.

Solar Generation. The FiT+ Program is only available to PV solar technology that is an Eligible Renewable Energy Resource, as identified in the CEC RPS Eligibility Guidebook, as last revised[6]. FiT+ generation systems may consist of Rooftop Solar, Carport Solar, and/or Ground-mount Solar installations. The Applicant is responsible for registering and maintaining their Project as RPS compliant with the CEC. Refer to the CEC RPS Eligibility Guidebook for the latest certification requirements.

All flat-plate photovoltaic modules must be certified as meeting the requirements of the Underwriters Laboratory Competitive (UL) 1703. For custom photovoltaic modules not certified by UL 1703, parties may seek certification by the Los Angeles Department of Building and Safety Electrical Test Lab (www.ladbs.org). Facilities will not be approved by LADWP inspectors until proof of certification by LADBS is received by LADWP.

The lease of generating equipment is allowed upon approval from LADWP. Applicants who wish to lease their generating equipment shall submit a copy of the equipment leasing agreement before COPPA execution.

Energy Storage Systems. All BESS and equipment shall comply with UL 9540 standard. Only non-GHG emitting Battery Energy Storage Systems will be qualified for the FiT+ Program. The BESS shall be utility-interactive and comply with IEEE 1547 and UL 1741SA and UL 9540 for grid safety. No grid charging is allowed.

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[4] The CEC maintains a list of certified modules and inverters that can be accessed online at http://www.gosolarcalifornia.ca.gov
[5] LADWP's Electric Service Requirements manual can be accessed online at https://www.ladwp.com/codes.
[6] The CEC RPS Eligibility Guidebook can be accessed online at http://www.energy.ca.gov/renewables/documents/.

Inverters. Utility-interactive Inverters must be used at the point of interconnection to the grid. All inverters must be certified by a nationally recognized testing laboratory for safe operation and must be certified as meeting the requirements of UL 1741SA and IEEE 1547, including testing conformance to IEEE 1547.1.

LADWP Requirements. LADWP reserves the right to adopt additional codes, standards, and conditions, at any time, at its sole discretion. Refer to LADWP's ESR Manual for the latest service equipment and installation requirements. In case of any conflicts, the ESR Manual design guidelines shall prevail.

3.4.1 - Minimum Technical Requirements:

PV Solar. PV Solar systems shall adhere to all applicable codes and standards including but not limited to the National Electric Code and IEEE 1547. PV systems shall also adhere to all applicable requirements stated in the most recent LADWP Electric Service Requirements Manual.

BESS. Battery Energy Storage System (BESS). Energy Storage systems shall adhere to all applicable requirements stated in the most recent LADWP Electric Service Requirements Manual, and the following minimum requirements:

- The BESS shall meet the following codes/standards or its successors if applicable:
  - UL 1741/1741SA
  - IEEE 1547
  - IEEE 519
  - NFPA 855
  - IEEE 693
  - ANSI C84. 2006
  - IFC-2018
  - NFPA1-2018
  - UL 9540 and UL 9540A

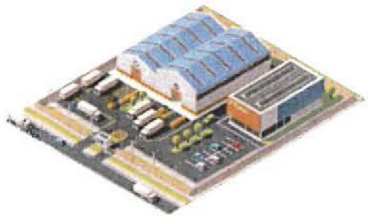
The BESS shall adhere to the approved Energy Storage List[7] released by the CEC.

FiT+ Facilities shall deliver a minimum of 25% of Facility Energy during Peak Hours. BESS must be sized to ensure that sufficient energy can be stored by the BESS and discharged to the LADWP Distribution Grid during the applicable Peak Hours.

Automatic Transfer Switch. For Facilities with Resiliency or Peak Shaving Capabilities, an automatic transfer switch is required. The transfer switch must automatically electrically isolate (sectionalize) Site loads that require power from the Facility. This may require electrical re-configuration and the installation of a critical load distribution panel per applicable codes.

[7] https://www.energy.ca.gov/programs-and-topics/topics/renewable-energy/solar-equipment-lists

3.5 – FiT+ Zones & Project Location



Projects must be located within specific FiT+ Pilot Program Zones in LADWP's electric service territory and be connected to Verified Equipment. The Facility shall be within the boundaries of one legal parcel identified by the assessor's parcel number on the Application.

The FiT+ Pilot Program Zones focus on three primary areas within the 4.8 kV Distribution System. The Zones are identified as: 1) South Los Angeles, 2) East Valley, and 3) West Los Angeles. The general locations and details of each Zone can be viewed via interactive maps on LADWP's Clean Grid LA Tableau Public webpage[8].

Maps of each Zone (shown below) are based on specific addresses with an **existing electric service** from LADWP and that are connected to Verified Equipment. These maps are approximations of eligible locations within the FiT+ Zones. Projects located adjacent or near the locations identified on the maps may be eligible for this Program if connected to Verified Equipment. Projects located within the regions shown on the map but not connected to Verified Equipment will be ineligible.

Additionally, Projects located on parcels without any existing electric service may be eligible for this Program. LADWP staff will determine final locational eligibility for all Projects with respect to the FiT+ Pilot Program Zones, including Verified Equipment.

Each Applicant may verify their Facility and respective Zone eligibility by contacting FiT@ladwp.com.

[8] Visit https://public.tableau.com/views/FiTPIlotZones/UserGuide?:language=en&:display_count=y&publish=yes&:origin=viz_share_link and use the password "FiT+PilotZones*"

3.6 - Site Control

Applicant must obtain a sufficient level of the right to enter, construct, and operate a Facility with energy storage at the proposed Site. Such Site Control shall be valid for the entire duration of the proposed project. Please refer to Attachment 4 for the required Proof of Site Control Form that is to be submitted at the time of application. Prior to Commercial Operation, the Participant must demonstrate actual Site Control.

The Applicant is not required to be the owner of the Project Site at the time of Application but shall meet one of the requirements listed in the Proof of Site Control Form.

LADWP reserves the right to request additional information concerning the circumstances surrounding the Applicant's declared Site Control status.

3.7 Commercial Operation

Other than existing FiT systems, only Projects with a Commercial Operation Date after the execution of the FiT+ COPPA shall be eligible.

Projects shall be structurally and electrically complete, acquire all applicable permits, pass all required testing, and be authorized and able to deliver energy at full capacity to the point of interconnection approved by LADWP. Those projects including Reliability or Peak Shaving operation must also adhere to operational limitations and requirements specified in Section 5.12 of these Guidelines.

Commercial Operation shall be no later than twelve (12) months following the execution of the COPPA by LADWP (Commercial Operation Deadline). In the event of failure to meet the Commercial Operation Deadline, Buyer shall retain that portion of the DSD corresponding with the Capacity of the Facility as liquidated damages. Seller shall forfeit any right to develop any Capacity for which liquidated damages

have been collected; however, Seller may submit the project for consideration in a future tranche.

The Commercial Operation Deadline outlined in the COPPA may be extended for up to six (6) months. The applicant must submit a request for extension of the Commercial Operation Deadline to LADWP in writing to FiT@ladwp.com, describing in reasonable detail the cause of the delay, at least 30 days before the Commercial Operation Deadline. Any decision to grant such an extension shall be at the sole discretion of LADWP.

3.8 Participation in Other LADWP Programs

Projects that have received rebates or incentives from any other LADWP program are not eligible for the FiT+ Program. Solar PV systems that participate in LADWP's Net Energy Metering programs are not eligible for the FiT+ Program.

3.9 – Solar FiT Master Conditional Use Permit

Applicant must verify whether the proposed Project is covered by the solar FiT Master Conditional Use Permit (CPC-2014-4595-CU). Projects not covered by the solar FiT Master CUP will require an additional conditional use permit as a condition of the FiT+ COPPA milestone.

4.0 - Application Submission

LADWP will announce the opening of the FiT+ Pilot Program to new applications on the FiT Program website (www.ladwp.com/FiT) not less than **90 calendar days** before the application submission deadline. All program materials, including the Application forms, are available on the FiT Program website. Applications will be accepted until the established Application deadline. All Applications received after the Application deadline will be returned. In the event that capacity remains available for a given tranche, a subsequent Application deadline may be established during which Applicants may re-submit their proposals.

The terms of the FiT+ COPPA, IA, and Guidelines are non-negotiable. Applicants shall review the terms of all program documents carefully before submitting Applications. LADWP reserves the right to reject all Applications. All submitted materials will become the property of LADWP and may be incorporated into a contract between LADWP and the selected Applicant.

4.1 - Required Information and Documents

Only the original LADWP forms shall be used; otherwise, the Application will be considered non-responsive and disqualified. Please see Section 4.2 for the submission procedure. All forms and further instructions are provided in Attachment 4: Application and Forms.

Each Applicant shall submit the following:

- FiT+ Pilot Program Application Submittal Form.
- Proof of Site Control Form.

- A single-line electrical diagram of the proposed Facility.
- A preliminary plot plan or Site development diagram showing the layout of the proposed Facility, equipment locations, nearest major intersection or landmark, and proposed point of interconnection.
- Energy Production Profile(s) in estimated kWh.
    - For SGIP eligible Projects that are capable of conducting Peak Shaving Operations, Applicants shall submit two separate energy profiles, one for energy exported to the grid, and one for energy that will supply on-site loads during SGIP eligibility.
- Application Fee
- Integration Study Fee
- Bid Award Interconnection Cost Estimate Fee
- **City Ethics Form 50.**
- **City Ethics Form 55.**
- Contractor Responsibility Questionnaire
- Iran Contracting Act of 2010 Compliance Affidavit

For additional details on FiT+ Pilot Program Fees see Section 4.4.1 of these Guidelines.
Failure to provide all necessary information and demonstrate that each minimum requirement has been met will result in disqualification from the FiT+ application process.

4.2 - Application Submission Procedure

Applicants shall submit one (1) original Application package in paper format and one electronic copy on a portable USB data storage device (i.e. thumb-drive).

The Application shall be enclosed in a sealed package or envelope, plainly marked in the upper left-hand corner with the name and the address of the Applicant. The package or envelope shall bear the words "Application for", followed by the Application's project name and address, and also clearly state the Application is for "**FiT+**". Applications submitted via electronic mail or facsimile will not be accepted.

Applications for FiT+ Program shall be addressed to:

LOS ANGELES DEPARTMENT OF WATER AND POWER
CARE OF VENDOR LIAISON CENTER
ATTN: FiT+
111 NORTH HOPE STREET, ROOM L43
LOS ANGELES, CA 90012

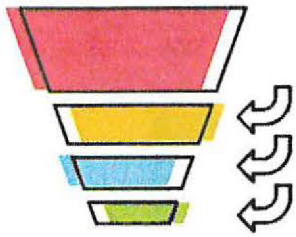
The LADWP's Vendor Liaison Center (VLC) will be responsible for receiving and logging all incoming Applications. The Applications must be received by the VLC at the exact address listed above where it will be time and date stamped. The VLC is open on weekdays from 8 am to 4 pm. The VLC can be accessed through the lobby level entrance after checking in with security.

No allowance will be made for delays in U.S. Mail, consumer mailing services, or the LADWP internal mail service.

4.3 - Program Framework and Competitive Bidding

The FiT+ Pilot Program will implement a competitive bidding process to evaluate and select Projects in accordance with the process established in these Guidelines.

4.3.1 – Primary Tranches



The FiT+ Pilot Program will have a total 10 MWs of available capacity split over three bidding tranches. Each tranche will consist of a 90-calendar day window to allow for proposals to be submitted for only those eligible Zones. Proposal(s) must include a Base Price of Energy (BPE). A pre-defined Time-of-Delivery (TOD) Multiplier table corresponding to each Project Zone will be used with the BPE to determine the contract purchase price. The sealed proposals will be opened at a predetermined time and date. Staff will evaluate proposals based on a least cost approach after the close of each tranche. The cost will be determined by combining the BPE, TOD Multiplier, and interconnection cost estimate. The interconnection costs will be reimbursed by LADWP up to $150,000. Selected Projects will be offered a FiT+ COPPA for a term of twenty (20) years. In the event awarded bid capacity is less than the tranche capacity, LADWP may elect to offer the balance under a new Application period or offer that capacity under a future tranche.

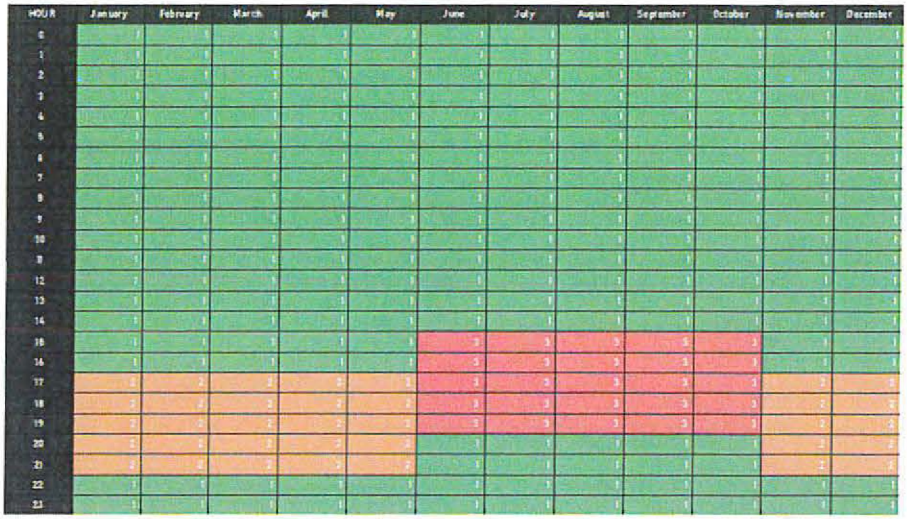
No developer, including its subsidiaries (if any), may be awarded contracts for more than half the amount of capacity in any given tranche. Developers may submit proposals for future tranches.

Tranche Segmentation			
Category	**Tranche A**	**Tranche B**	**Tranche C**
Eligible Zones	South LA East Valley	South LA East Valley	South LA East Valley West LA
Tranche Capacity	3 MW	3 MW	4 MW

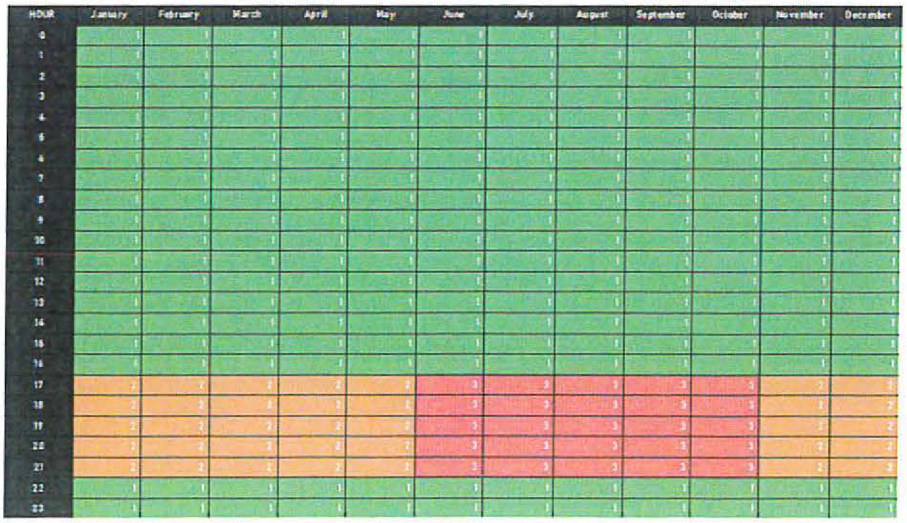
4.3.2 – Time of Delivery Multipliers

The FiT+ Pilot Program Zones have different distribution system needs and corresponding hourly TOD multiplier tables for each month. All Facility energy delivered to LADWP's grid shall be multiplied by the Applicant's Base Price of Energy and the applicable Time of Delivery Multiplier Value. Each Applicant will submit Energy Production Profile worksheet(s) setting forth the proposed delivery schedule and quantities for the Project. SGIP eligible Projects that will conduct Peak Shaving Operations require two Energy Production Profiles, as stated in Section 4.1. A template can be found in the appendix.

East Valley and West LA Multiplier Table			
Season	Months	Hours	Multiplier
Winter/Spring	November 1st – May 31st	5pm - 10pm	2.0x
Summer/Fall	June 1st – October 31st	3pm - 8pm	3.0x
		All Other Times	1.0x



South LA Multiplier Table			
Season	Months	Hours	Multiplier
Winter/Spring	November 1st – May 31st	5pm - 10pm	2.0x
Summer/Fall	June 1st – October 31st	5pm - 10pm	3.0x
		All Other Times	1.0x



4.4 - Program Participation Fees and Costs

The Applicant shall be responsible for submitting all required FiT+ Pilot Program Fees and Costs.

4.4.1 Fee Schedule

The following table provides a summary of fees and costs an Applicant will incur throughout the process:

FiT+ Fee Schedule

Item	Amount	Refund Policy	Additional Notes	Processed by
Application Fee (30 kW - 500 kW)	$1,500 per application	Non-refundable	Due at the time of application.	DER Programs FIT Engineer
Bid Award Interconnection Cost Estimate Fee (30 kW - 500 kW)	$1,500 per application	Non-refundable	Due at the time of application.	DER FIT Engineer for PNBDTA Engineering Division
Integration Study Fee (30 kW - 500 kW)	$1,500 per application	Non-refundable	Due at time of application	DER FIT Engineer for Distribution Planning
Development Security Deposit (DSD)	$100 per kW per application	Refundable only if COD deadline is met	Due Ten (10) calendar days following notification of final interconnection cost estimate.	DER FIT Engineer
Advance A2B (7%) Interconnection Costs	Project specific	Refundable up to $150k after COD and energy generation for all A2B Interconnection Costs	Due Ten (10) calendar days following notification of Advance interconnection cost estimate.	PNBDTA Engineering Division
Final A2B (remainder) Interconnection Costs	Project specific	Refundable up to $150k after COD and energy generation for all A2B Interconnection Costs	Due Thirty (30) calendar days after A2B is sent out by PV & BESS Engineering Group	PNBDTA Engineering Division

Failure to pay the Final A2B Interconnection Costs within 30 calendar days after final A2B is sent will result in termination of the FiT+ COPPA and removal of the Project from the FiT+ Pilot Program.

4.4.2 Interconnection Cost Cash Payment

The Applicant is responsible for the Interconnection cost which is determined by LADWP's PNBDTA Division.

LADWP will provide the Applicant a one-time cash payment equaling the total billed interconnection costs, up to $150,000.00 following the Commercial Operation Date (COD) of the Project.

4.4.3 Development Security Deposit (DSD)

A Development Security Deposit (DSD) will be required to ensure the timely completion of the project, delivery of energy and RECs to LADWP, and to defer costly upgrades to the LADWP grid.

Within twenty (20) Calendar Days of notification of the final A2B interconnection costs, the Applicant must submit to LADWP, a DSD for $100 per kW of total Project Capacity as the DSD in the form of a separate certified check.

Liquidated damages will be drawn upon the DSD if either the FiT+ COPPA Milestone or the Commercial Operation Deadline (both described in Section 5.10) are not met.

Since it is impractical to determine actual damages to which LADWP would be entitled to in the event Projects fail to progress toward and achieve commercial operation on time. the liquidated damages provided for in the COPPA are intended to be a fair and reasonable calculation of actual damages to LADWP in the event the Project milestones are not met.

Upon achieving Commercial Operation (COD), the applicant must submit a request in writing to LADWP for the refund of the DSD via an email or certified letter addressed to VLC.

4.5 - Signature

The Application includes a declaration that:

1) The information provided in the Application is true and correct.
2) The Applicant has read, understands, and agrees to be bound by the FiT+ Pilot Program Guidelines.
3) The Applicant has read and understands the FiT+ COPPA and IA.
4) The Application is genuine, and not sham or collusive, nor made in the interest of or on behalf of any organization not herein named; the Applicant has not directly or indirectly induced or solicited any other Applicant to put in a sham application, or any other person, Firm, or corporation to refrain from submitting a proposal; and, the Applicant has not in any manner sought by collusion to secure for themselves an advantage over any other Applicant.

4.6 - Communication

The Applicant shall designate a project manager on the Application who will serve as the sole point of contact between the Applicant and LADWP.

All formal communications and requests shall be submitted in writing to FiT@ladwp.com. The FiT hotline (213) 367-2100 is available to assist with any informal inquiries. A frequently asked questions document and program status updates will be posted on the FiT website.

5.0 - Post Submission Process

Applications will be subject to the following processes and requirements following submission.

5.1 - Competitive Bidding Process

At the close of each bidding period LADWP shall conduct the following steps:

1. **Open** sealed Applications at announced date and time.
2. **Determine** Applicant and Project eligibility. Applicants will be notified within ten (10) days if their Applications are complete or incomplete.
3. **Preliminarily Rank** proposals based on BPE, TOD Multiplier, and quantity of energy delivered to LADWP.
4. **Determine** the estimated interconnection costs.
5. **Calculate** the initial levelized cost of energy (LCOE) values for each Project. The LCOE will equal 1) the Energy Production Profile multiplied by the Time of Delivery Multiplier table (for the selected Zone) multiplied by the Base Price of Energy plus 2) the dollar amount of the estimated interconnection costs to be reimbursed to the Applicant, divided by the total kilowatt-hours delivered to LADWP.
6. **Rank** the Projects from cheapest to most expensive final LCOE values.
7. **Award** the Project(s), at LADWP's sole discretion, starting from highest rank (cheapest final LCOE)

5.2 - Cancellation and Cure Period

Applications with deficiencies will be disqualified. At LADWP's discretion, Applicants may cure minor deficiencies identified by LADWP within ten (10) Business Days of notice. In no event shall Applicants be permitted to alter any information related to the financial aspects of the Project.

5.3 - Integration and Interconnection Study Process

LADWP will perform an integration study (to verify that the distribution feeder has available capacity) and perform an interconnection study to estimate the cost of extending the Department's system to the Site. Based on the interconnection study, LADWP's PV & BESS group will provide an interconnection cost estimate for Applications that pass the integration study screening process. LADWP may deny a Project if the transmission or distribution grid that would serve as the point of interconnection is inadequate. Applicants must submit a copy of their CUP to initiate the interconnection study. Applicants will be contacted by an LADWP PV & BESS engineer for the interconnection study. Applicants shall submit any additional Project information, as deemed necessary by the PV & BESS engineer. Failure to respond timely will result in cancellation of the consideration of award.

Applicants may elect to withdraw their Application after the interconnection study if their interconnection costs exceed $150,000.

5.4 - FiT+ COPPA and Interconnection Agreement Submittal

If an Applicant decides to continue with the Project, all contractual documentation indicated in Section 5.4.1 of the Guidelines will be due twenty (20) Calendar Days after the interconnection study is completed. Failure to submit all contractual documentation will result in cancellation of the Project.

Each Applicant must read and understand the COPPA and IA prior to Project submittal.

5.4.1 COPPA Submittal Requirements

Prior to the execution of the COPPA, Applicants shall submit the following:

1. Two original, signed copies of the FiT+ Competitive Offer Power Purchase Agreement.
2. Two original, signed copies of FiT+ Customer Generation Interconnection Agreement
3. DSD for $100/kW of Project Capacity.
4. Proof of Site Control through documentation of ownership, lease, or license
5. Copy of equipment leasing agreement (if applicable)
6. All applicable fees shall be paid by the applicant (Final A2B (remainder) Interconnection Costs are due within 30 days after final A2B is sent)
7. Requisite resolutions, incumbency certificates, and any other documents evidencing authority to execute and deliver the agreements by the named representatives of the Applicant
8. Copy of City of Los Angeles Business Tax Registration Certificate or Vendor Registration Number, as appropriate
9. Supplier/Contractor Data Form
10. All remaining City of Los Angeles Business Compliance Forms:
    - Affirmative Action Policy - Affirmative Action Plan (Los Angeles Administrative Code §§ 10.8.4 *et. seq.)*
    - Child Support Obligations - Certification of Compliance with Child Support Obligations (Los Angeles Administrative Code §§ 10.10 *et. seq.*)
    - Contractor Responsibility Ordinance- Pledge of Compliance (Los Angeles Administrative Code §§ 10.40 *et. seq.*)
    - Equal Benefits Ordinance - Equal Benefits Ordinance Compliance Affidavit (Los Angeles Administrative Code §§ 10.8.2.1)
    - Nondiscrimination, Equal Employment Practices - Equal Employment Practices Certification (Los Angeles Administrative Code §§ 10.8.2 and §§ 10.8.3 *et. seq.*)
    - Sweat-Free Procurement- Contractor Code of Conduct (Los Angeles Administrative Code §§10.8.2.1 *et. seq*)
11. Taxpayer Identification Number (if not available at time of application)
12. Certificate of Registration with the California Secretary of State (if the business was organized outside of the state of CA)

5.4.2 Additional Submittal Requirements

No payment will be made under this Agreement without a valid customer account, Taxpayer Identification Number, and Vendor Registration Number. Contact a FiT engineer and/or VLC for more detail.

The FiT+ COPPA and IA must be signed and submitted twenty (20) Business Days after notification of Advance Payment for Engineering interconnection cost estimates, along with all accompanying documents outlined in Section 5.4.1.

Applications for existing FiT Facilities must reapply for consideration under the FiT+ Pilot Program. If an existing FiT Facility is awarded a COPPA under the FiT+ Program, the existing FiT Standard Offer Power Purchase Agreement (SOPPA) and IA will be terminated and replaced with a FiT+ COPPA and IA. (See Attachment 3.)

The FiT+ COPPA and IA can be found at the program website at (www.ladwp.com/FiT).

5.5 - Interconnection Requirements and Standards

The Facility shall interconnect to the LADWP distribution grid at the 4.8 kV voltage level. The final Point of Delivery of interconnection will be determined during the integration study and the follow-up interconnection study.

Metering and interconnection standards can be found in LADWP's Electric Service Requirements manual. LADWP's Electric Service Requirements manual can be accessed online at https://www.ladwp.com/codes.

Before interconnection, Applicants shall establish a customer account with LADWP to support the Project for billing and payment purposes. This account will be assigned the appropriate commercial rate schedule from the onset of the FiT+ Pilot Program.

5.6 - Metering and Controls

LADWP shall install revenue-grade, dual-channel, digital metering equipment, and recorders with cellular communication capabilities at the delivery point of the Facility to measure electric energy production and other electric parameters deemed appropriate by LADWP. Applicants will not be allowed to opt-out of the use of such a meter.

The appropriate commercial rate schedule from the Electric Rate Ordinance shall apply to any energy consumed from LADWP's grid.

5.7 - Transfers/Assignment and Third-Party Financing

Changes in Project location will not be allowed. Change in Capacity may be approved at the sole discretion of LADWP and shall require an additional Integration Study Fee and a new agreement if the Capacity is higher than the original application. Changes to the expected energy output, as indicated in the energy production profile, will not be allowed once the FiT+ COPPA has been executed by LADWP.

Changes to technology or equipment providers (e.g. manufacturer of solar panels) are permitted with prior written approval from LADWP.

Applicants that wish to transfer a Project before FiT+ COPPA execution may do so with prior written consent from LADWP. The Applicant will be responsible for resubmitting all applicable FiT+ Application forms with the transferee's information.

Participant shall not assign any of its rights or delegate any of its obligations without prior notice and written consent from LADWP, as outlined in the FiT+ COPPA.

Applicants with existing solar systems that are financed through a third party, including a lease, may need to determine if adding a BESS to their solar system violates the terms of their financing agreement.

5.8 - RPS / NPS Compliance

Applicants are responsible for registering and maintaining their Project as RPS compliant with the CEC. Applicants shall pre-certify the Project with the CEC before Commercial Operation. The CEC RPS Eligibility Guidebook can be accessed online at http://www.energy.ca.gov/renewables/documents/

Applicants shall certify the Project with the CEC within 90 days of Commercial Operation. See link below regarding the guidelines for CEC pre-certification and certification at http://www.energy.ca.gov/renewables/documents.

Before Commercial Operation, Applicants must provide CEC pre-certification documentation to LADWP. After Commercial Operation is achieved, LADWP will register the Project in its Western Renewable Energy Generation Information System (WREGIS) account. LADWP will then provide the Applicant with the WREGIS generating unit identification and WREGIS activation date to obtain final CEC certification. Once the Project is certified with the CEC, the Applicant shall submit the certification documentation to LADWP within 10 business days. All renewable energy credits and environmental attributes of the Project shall be transferred automatically to LADWP.

Participants shall not sell any Facility energy or associated environmental attributes to any person other than LADWP, including during Peak Shaving and Resiliency Operations. The determination of whether a sale of energy has occurred, whether directly or by proxy, shall be solely within the discretion of LADWP.

When completing the CEC certification form, list LADWP as an additional authorized person under Section V: Application Contact Information of the CEC-RPS-1 form. An example is provided below:

Name: LADWP Feed-in Tariff Pilot Program (FiT+)
Phone: (213) 367-2100
Email: FiT@ladwp.com

This allows LADWP to make changes and inquiries to the CEC certification form on behalf of the Participant.

5.9 - Permitting

Applicants shall obtain all necessary permits and comply with all applicable regulatory requirements including but not limited to the California Environmental Quality Act (CEQA), to construct and operate the renewable energy facility at their own expense.

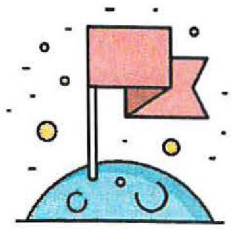
Participants shall be responsible for compliance with all applicable City, County, State, and Federal regulatory requirements.

Participants will be required to obtain all necessary City building, safety, and planning permits prior to construction. For more information, please visit www.ladbs.org and www.cityplanning.lacity.org.

Failure to obtain proper permits from Los Angeles Department of Building and Safety (LADBS), Los Angeles Department of City Planning, or other applicable agency could cause delays resulting in liquidated damages and termination of the FiT+ COPPA.

5.10 - Milestones

The following milestones must be achieved:

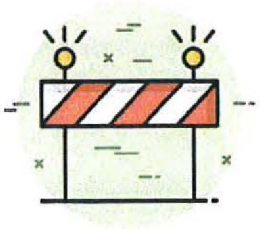


1. FiT+ COPPA Milestone
   Applicant must submit project Permits or proof of material procurement within six (6) months after the FiT+ COPPA execution date. Failure to achieve this milestone will result in liquidated damages of $100/kW.

2. Commercial Operation Milestone
   The project must be in Commercial Operation twelve (12) months after the FiT+ COPPA execution date (Commercial Operation Deadline). However, the Final Milestone may be extended for up to six (6) months at the sole discretion of LADWP. Failure to achieve this milestone will result in liquidated damages of $100/kW.

5.11 - Project Construction and Commercial Operation

During the construction phase, the Applicant will be required to:



- Obtain all necessary project permits within 6 months of FiT+ COPPA execution
- Submit final interconnection payment within 30 days after the final A2B is sent.
- File for CEC pre-certification
- Submit final drawings
- Submit job creation report

Applicants seeking extension of the COD deadline must submit a request for the extension to LADWP in writing to FiT@ladwp.com, describing in reasonable detail the cause of the delay, at least 30 days prior to the Commercial Operation Deadline. Any decision to grant such extension shall be at the discretion of LADWP.

It is the responsibility of the Applicant to coordinate installation and allow access for LADWP staff to install required interconnection and metering equipment at least twenty (20) Business Days prior to the Commercial Operation date.

The Applicant shall provide reasonable access for the LADWP, LADBS, and any other agency having jurisdiction pertaining to the operation of the Facility to perform inspections, as necessary.

In all cases, PV systems shall be installed in accordance with the manufacturer's specifications and conform to all applicable electrical and other codes and standards. The installer shall be a properly licensed California contractor. An active "A", "B", "C-10", or "C-46" (for the solar PV portion of a FiT+ Facility) license is required for all FiT+ projects.

5.12 – Operating Modes and Facility Order of Operations

While the primary purpose of FiT+ Pilot Program projects is to export energy to the grid, projects may also be designed to increase the reliability and resiliency of the grid by allowing Facility energy to be consumed on-site during a potential LADWP grid outage (Resiliency) or to reduce customer energy consumption from the grid during peak periods (Peak Shaving) in accordance with the SGIP. Each Facility must conduct Normal Operations. Applicants will have the option to conduct additional Resiliency and/or Peak Shaving Operations for their Projects, as further detailed below:

(1) **Normal Operations.** Export PV Solar and BESS energy directly to LADWP's electric grid;

(2) **Resiliency Operations.** Increase the reliability and resiliency of local facilities by allowing Facility energy to be consumed on-site during a potential LADWP grid outage. The Applicant must identify the site loads which will receive backup energy. An additional metering device(s) will need to be installed to account for any energy provided to the Site. During Resiliency Operations the Facility will be isolated from LADWP's grid. All energy produced by the Facility may only be sold to LADWP.

(3) **Peak Shaving Operations.** Reduce customer energy consumption from the grid during peak periods in accordance with the CPUC's SGIP. The Applicant must identify the site loads which will receive peak shaving energy. An additional metering device(s) will need to be installed to account for any energy provided to the Site. During Peak Shaving Operations, the Facility will be isolated from LADWP's grid. All energy produced by the Facility may only be sold to LADWP.

Projects intended to provide Resiliency or Peak Shaving Operations should have an inverter(s) that can operate in alternative modes and include appropriate electrical infrastructure (ATS and Distribution Panels) to isolate the Facility from the LADWP grid.

The following operational limitations and requirements must be adhered to during Facility operations for those Projects that elect to conduct Resiliency or Peak Shaving Operations. In any operation mode, Facility energy shall only be sold to LADWP.

5.12.1 – Resiliency Operations

The resiliency order of operations shall be in the following sequence:

1. If LADWP experiences a grid outage, the Facility has the option to engage automatic transfer switch(s) (or approved alternative) that automatically engages to isolate from LADWP's electric system.
2. The Facility may provide Facility energy to backup AC loads at the Site.
3. Once the LADWP's electric grid is restored, the inverter must be able to sense the grid frequency and the Facility will engage automatic transfer switch(s) (or approved alternative) to isolate from Site loads.

5.12.2 – Peak Shaving Operations

The peak shaving order of operations shall be in the following sequence only for Projects that are SGIP Eligible:

1. The Facility has the option to engage automatic transfer switch(s) (or approved alternative) that isolates the Facility from LADWP's electric system.
2. The Facility may provide Facility energy to AC loads at the Site in accordance with the minimum SGIP requirements.
3. The Facility can engage automatic transfer switch(s) (or approved alternative) to isolate from Site loads and resume providing Facility energy to LADWP's electric grid under Normal Operations.

5.13 – Inspection and Maintenance Report

To ensure the safety and reliability of the Facility, Participants shall provide an inspection and maintenance report to LADWP at least once every other year.

To ensure the safety and reliability of the Facility, FiT+ Participants shall provide an inspection and maintenance report to LADWP by an independent third-party contractor and licensed Journeyman's Electrician (Licensed with California Dept. of Industrial Relations) with no affiliation with the Customer or builder. This report shall be provided every year on project anniversary to verify systems compliance.

6.0 - Payment

Monthly energy payments will be made based on the amount of energy delivered to LADWP as measured through LADWP's metering equipment. Monthly payments shall be calculated as the sum of the energy delivered by the Project at each hour multiplied by the Purchase Price of Energy.

Payments will be made within ninety (90) calendar days from the end of each month as stipulated in the FiT+ COPPA.

LADWP will not purchase energy over one-hundred and fifteen (115) percent of each energy hour based on the Energy Production Profile(s) submitted by the Applicant at the time of the Application. The Energy Production Profile will be incorporated into the FiT+ COPPA and IA.

7.0 - Indemnification

Except for the gross negligence or willful misconduct of LADWP, Applicant undertakes and agrees to defend, indemnify and hold harmless LADWP, the City of Los Angeles, including but not limited to any of its boards, commissioners, officers, agents, employees, assigns and successors in interest (hereinafter, collectively, "Indemnities") from and against any and all suits and causes of action (including proceedings before FERC), claims, losses, demands, penalties, judgments, costs, expenses, damages (including indirect, consequential, or incidental), disbursements of any kind or nature whatsoever, including but not limited to attorney's fees (including allocated costs of internal counsel), other monetary remedies, and costs of litigation, damages, obligation or liability of any kind or nature whatsoever, in any manner arising by reason of, incident to, or connected in any manner with the performance, non-performance or breach of the FiT+ COPPA, these guidelines or any ancillary document, or any other act, error or omission or willful misconduct by or of the Applicant or Applicant's officers, employees, agents, contractors, sub- contractors of any tier, including but not limited to any such performance, non-performance, breach, act, error or omission or willful misconduct that results in intellectual property infringement or leads to death or injury to any person, including but not limited to Applicants, Applicant's officers, employees, agents, contractors or sub-contractors of any tier, or damage or destruction to property of any kind or nature whatsoever, of either Party hereto, or of third Parties, or loss of use (hereinafter, collectively, "Indemnified Liabilities"). The provisions of this paragraph shall be in addition to, and not exclusive of, any other rights or remedies which Indemnities have at law, in equity, under the FiT+ COPPA or otherwise. To the extent that the undertakings to defend, indemnify, pay and hold harmless set forth in this subsection may be unenforceable in whole or in part because they are volatile of any law or public policy, Applicant shall contribute the maximum portion that it is permitted to pay and satisfy under applicable law to the payment and satisfaction of all Indemnified Liabilities incurred by Indemnities or any of them. The provisions of this paragraph shall survive the expiration or termination of the Guidelines, FiT+ COPPA, and IA Agreements.

8.0 – Program Modifications

These Guidelines may be updated and revised from time to time. Updates to the FiT+ Pilot Program Guidelines, Application, and Forms will be posted on LADWP's FiT+ Pilot Program website to ensure full transparency.

Attachment 1: Energy Production Profile

Each Applicant must submit an Energy Production Profile. Each Energy Production Profile will:

- Provide the total monthly kilowatt-hour (kWh) production for each hour from the Facility for all twenty (20) years of operation (FiT+ COPPA Term). Please do not submit daily energy values.
- Submit Energy Production Profiles for Normal Operations, pursuant to these Guidelines.
- For SGIP Eligible Projects that are capable of conducting Peak Shaving Operations, Applicants shall submit two separate Energy Production Profiles, one for energy exported to the grid during Normal Operations, and one for energy that will supply on-Site loads during SGIP eligibility.

A sample Energy Production Profile for a single year during Normal Operations is shown below:

	31	28	31	30	31	30	31	31	30	31	30	31
HOUR	January	February	March	April	May	June	July	August	September	October	November	December
0												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15						15,000	15,500	15,500	15,000	15,500		
16				2,988		15,000	15,500	15,500	15,000	15,500		
17	15,500	14,000	15,500	15,000	15,500	15,000	15,500	15,500	15,000	15,500	15,000	15,500
18	15,500	14,000	15,500	15,000	15,500	15,000	15,500	15,500	15,000	15,500	15,000	15,500
19	15,500	14,000	15,500	15,000	15,500	11,255	15,500	15,500	11,828	1,519	15,000	15,500
20	5,494	9,885	15,500	15,000	15,500		1,547	4,471			9,625	635
21			4,727	12,953	10,472							
22												
23												
	51,994	51,885	66,727	75,941	72,472	71,255	79,047	81,971	71,828	63,519	54,625	47,135

Attachment 2: Application Instructions and Submittal Documents

For all FiT+ Applications, the following items must be submitted:

- ☐ **Complete FiT+ Application Proposal**
- ☐ **Application fee payable to LADWP via certified check**
  - ☐ Project 30 kW - 500 kW: $1,500
- ☐ **Integration Study Fee payable to LADWP via certified check**
  - ☐ Project 30 kW - 500 kW: $1,500
- ☐ **Bid Award Interconnection Cost Estimate Fee payable to LADWP via certified check:**
  - ☐ Project 30 kW - 500 kW: $1,500
- ☐ **Site Plan (no later than 5 calendar days after the award of the contract)**
- ☐ **Project Information**
  - ☐ Digital Facility Diagram (Plot/Equipment Layout Plan)
  - ☐ Digital Single Line Diagram
  - ☐ Project Description and Equipment Schedule
  - ☐ Proof of Site Control Form
  - ☐ Energy Production Profile
  - ☐ Mode of Facility Operation
  - ☐ SGIP Eligibility
  - ☐ (Site/Load metering info for Resiliency and/or Peak Shaving Operations)
- ☐ **Business Policy Forms**
  - ☐ Bidder Campaign Contribution and Fundraising Restrictions: City of Los Angeles Ethics Commission Form 55 (Los Angeles City Charter §§ 470(c)(12) *et. seq.*)
  - ☐ Contractor Responsibility Ordinance (CRO): Responsibility Questionnaire (Los Angeles Administrative Code 10.40 *et. seq.*)
  - ☐ Iran Contracting Act of 2010: Iran Contracting Act of 2010 Compliance Affidavit (Public Contract Code §§ 2200-2208)
  - ☐ Municipal Lobbying Ordinance: City of Los Angeles Ethics Commission Form 50 (Los Angeles Municipal Code §§ 48.01 *et. seq.*)

Attachment 3: Mutual Termination Form

MUTUAL TERMINATION OF STANDARD OFFER POWER PURCHASE AGREEMENT (NO. FITS____) AND FEED IN TARIFF GENERATION INTERCONNECTION AGREEMENT (LADWP NO. ____) BETWEEN THE CITY OF LOS ANGELES BY AND THROUGH THE DEPARTMENT OF WATER AND POWER AND _____

THIS AGREEMENT _("Agreement") serves to terminate the STANDARD OFFER POWER PURCHASE AGREEMENT (NO. FITS____) ("SOPPA") and FEED IN TARIFF GENERATION INTERCONNECTION AGREEMENT (LADWP NO. ____) BETWEEN CITY OF LOS ANGELES ACTING BY AND THROUGH THE DEPARTMENT OF WATER AND POWER AND _____ ("IA") is entered into between the CITY OF LOS ANGELES acting by and through the DEPARTMENT OF WATER AND POWER, ("Buyer"), and _____ ("Seller"), collectively referred to as "Parties", pursuant to Section 2.____ of the SOPPA and Section _____ of the IA, and shall take effect on the date this Agreement is executed by both Parties.

WHEREAS, _____ applied to participate in the Los Angeles Department of Water and Power ("LADWP") Feed-in Tariff ("FiT") Program and entered into the Agreements; and

WHEREAS, on _____ the SOPPA was fully executed, and on _____ the IA was fully executed; and

WHEREAS, the FiT+ Pilot Program has been developed to collocate solar and storage to align system needs with local generation; and

WHEREAS, _____ has applied for the FiT+ Pilot Program and been selected for participation; and

NOW, THEREFORE, in consideration of the mutual covenants and agreements herein set forth, the Parties hereto agree as follows:

1. This Agreement shall take effect upon the Commercial Operation Date of the FiT+ Competitive Offer Power Purchase Agreement (COPPA) NO. FITP____ , provided that the FiT+ COPPA and FiT+ IA have been executed by both Parties.
2. The SOPPA NO. FITS____ and IA LADWP NO. ___ are terminated and replaced with FiT+ COPPA NO. FITP____ and FiT+ IA LADWP NO. _____.

Termination of SOPPA No. FITS____

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed by their respective duly authorized representatives as of the date set forth below.

Date: _____ By: _____

_____
Print Name

_____
Title

CITY OF LOS ANGELES acting by and through the DEPARTMENT OF WATER AND POWER

Date: _____ By: _____

Martin L. Adams

General Manager

Attachment 4: Application and Forms