RENEWABLE GENERATION (PV & BESS) - FEE SCHEDULE

(For conceptual estimates of new or upgraded installations)

NEW / UPGRADE Renewable Generation (PV & BESS) System:	COST
Meters Installation (Net Meters are required for renewable energy sources)	No Charge

Up to 20kW (Single Phase)

Renewable Generation (PV & BESS) System: (Includes Lead ESR/Admin/Clerical)	$900
Performance Meter: (Required For Renewable Generation (PV) Systems above 10kW)	No Charge

Over 20kW to 30kW (4.8kV & 34.5kV)

Engineering Feasibility Fee: (when required) (Non- refundable, must be paid in advance)	$1,500
Renewable Generation (PV & BESS) System: (Includes Lead ESR/Engineering/Drafting/Admin/Clerical)	$3,000
Performance Meter: (Required For Renewable Generation (PV) Systems above 10kW)	No Charge

Over 30kW to less than 100kW (3 Phase) (4.8kV & 34.5kV)

Engineering Feasibility Fee: (when required) (Non- refundable, must be paid in advance)	$1,500
Renewable Generation (PV & BESS) System: (Includes Lead ESR/Engineering/Drafting/Admin/Clerical)	$3,500
Performance Meter: (Required For Renewable Generation (PV) Systems above 10kW)	No Charge

100kW to less than 1MW (3 Phase) (34.5kV)

Renewable Generation (PV & BESS) System: (Includes Lead ESR/Engineering/Drafting/Admin/Clerical)	$4,500
Performance Meter: (Required For Renewable Generation (PV) Systems above 10kW)	No Charge

System at 1MW and greater (3 Phase) (34.5kV)

Consult with the Customer Station Design Group for applicable fees.

All KW ratings are based on the "CEC- AC" rating

***Unique circumstances will be handled on a case by case basis under the Department's discretion. In the event of which two or more performance meters are required for installation at the same site, LADWP will charge the customer for the 2nd Performance Meter per NEM Ordinance (Net Energy Metering).**

****Costs associated with customer service upgrades are to be determined based on the project scope and/or LADWP distribution system upgrades. When required, additional fees will apply depending on project scope as listed on the accompanying page therein. This schedule does not apply to Feed in Tariffs.**

RENEWABLE GENERATION (PV & BESS) - FEE SCHEDULE

(For conceptual estimates of new or upgraded installations)

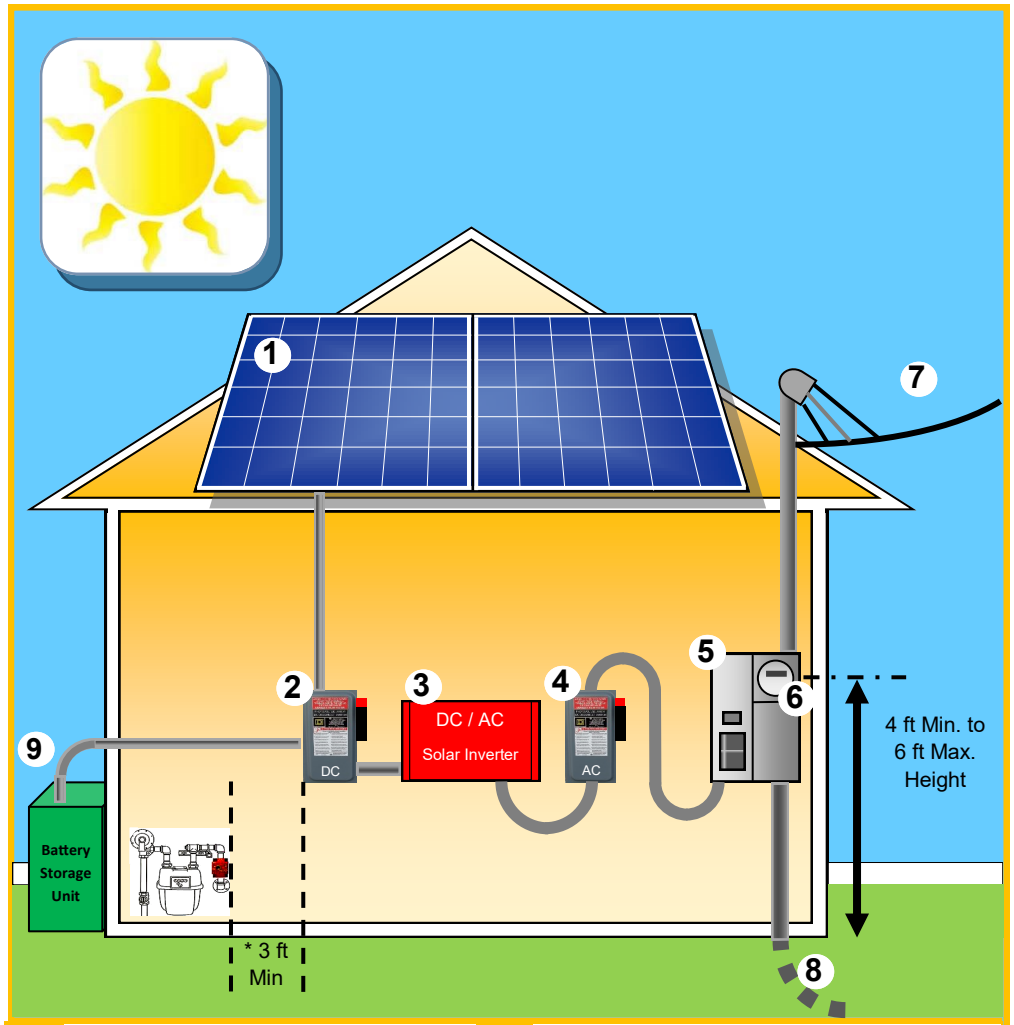
NEW INSTALLATION:	**COST** (Trend Up To)
Overhead Service Drop for added Load:	No Charge
New clearance pole with OH drop: (Includes transformer for added Load)	No Charge
OH or UG Secondary Line Extension for added Load:	No Charge
New 4.8kV Dip & Padmount Transformer (up to 500kVA 3-Phase): (Pad located at nearest serving location)	No Charge
New clearance pole with UG service: (Service only, less than 200A, no charge for Pole)	$3,000
New 34.5kV Switch & Dip Pole:	$10,000
Transformer Deposit: (Subject to refund upon meeting minimum load requirement)	$50,000
OH 4.8kV & 34.5kV Line Extension (Includes poles & wires):	$100 / Ft
UG 4.8kV & 34.5kV Line Extension (Includes cable & splices):	$100 / Ft
4.8kV Customer Station (1 or 2 Bank Loadbuster):	$130,000
34.5kV Enclosed Padmount Station:	$45,000
LADWP Installed public conduit: (Permitting, trench, & conduit only):	$2,500 /Ft
LADWP Core & Stub from UG structure:	$3,500
LADWP Installed substructure: (Permitting, excavation, material, excludes paving):	$300,000
UPGRADE to Existing Service:	
Meter change-out (Self Contained Metering):	No Charge
Overhead Service Drop Upgrade for added load:	No Charge
Underground Service Upgrade for added load:	No Charge
Upgrade OH or UG Secondary Line (Per Span):	No Charge
Upgrade OH 4.8kV & 34.5kV Line (Includes poles & wires):	$100 / Ft
Upgrade UG 4.8kV & 34.5kV Line (Includes cable & splices):	$100 / Ft
Upgrade 4.8kV Customer Station (1 or 2 Bank Loadbuster)	
• Only increase in capacity:	No Charge
• Replacement cost if changing voltage/phase:	$150,000
Upgrade Enclosed Padmount Station	
• Only increase in capacity:	No Charge
• Replacement cost if changing voltage/phase:	$60,000

For detailed and actual estimates of new or upgraded installations:

Feasibility study (non-refundable, and credited toward the final cost of the job) $1,500.

Typical Renewable Generation (PV & BESS) Arrangement

(Photovoltaic & Battery Energy Storage System)



1	Solar Panels	6	Net Meter
2	DC Disconnect Switch	7	Overhead Service**
3	Solar Inverter	8	Underground Service**
4	AC Disconnect Switch	9	Battery Storage Unit
5	Main Service Panel		

Los Angeles LADWP Department of Water & Power

Renewable Generation (PV + BESS) Fee Schedule

Up to 20kW (Single Phase)

Renewable Generation (PV & BESS) System: $900
(Includes Lead ESR/Admin/Clerical)
Performance Meter: No Charge
(Required For Renewable Generation (PV) Systems above 10kW)

Over 20kW to 30kW (4.8kV & 34.5kV)

Engineering Feasibility Fee: (when required) $1,500
(Non- refundable, must be paid in advance)
Renewable Generation (PV & BESS) System: $3,000
(Includes Lead ESR/Engineering/Drafting/Admin/Clerical)
Performance Meter: No Charge
(Required For Renewable Generation (PV) Systems above 10kW)

Over 30kW but less than 100kW (4.8kV & 34.5kV - 3 Phase)

Engineering Feasibility Fee: (when required) $1,500
(Non- refundable, must be paid in advance)
Renewable Generation (PV & BESS) System: $3,500
(Includes Lead ESR/Engineering/Drafting/Admin/Clerical)
Performance Meter: No Charge
(Required For Renewable Generation (PV) Systems above 10kW)

100kW to less than 1MW (34.5kV - 3 Phase)

Renewable Generation (PV & BESS) System: $4,500
(Includes Lead ESR/Engineering/Drafting/Admin/Clerical)
Performance Meter: No Charge
(Required For Renewable Generation (PV) Systems above 10kW)

Systems at 1MW and greater (34.5kV - 3 Phase)

Consult with Customer Station Design Group

This information indicates a typical PV & BESS installation, but it is not intended to represent all possible types of solar installations. Always consult with the LADWP Solar Interconnection Representative to avoid any costly delays 1-213-EMPOWER (213-367-6937).

All ratings listed herein are in accordance with the CEC-AC rating system.

** A customer will have either overhead or underground service from LADWP.

Los Angeles Department of Water & Power

Up to 20kW (Single Phase)

Renewable Generation
(PV & BESS) System: $900
(Includes Lead ESR/Admin/Clerical)
Performance Meter: No Charge
(Required For Renewable Generation Systems above 10kW)

Over 20kW to 30kW (4.8kV & 34.5kV)

Engineering Feasibility Fee (when required): $1,500
(Non- refundable, must be paid in advance)
Renewable Generation (PV & BESS) System: $3,000
(Includes Lead ESR/Engineering/Drafting/Admin/Clerical)
Performance Meter: No Charge
(Required For Renewable Generation (PV) Systems above 10kW)

Over 30kW to less than 100kW (4.8kV & 34.5kV – 3 Phase)

Engineering Feasibility Fee (when required): $1,500
(Non- refundable, must be paid in advance)
Renewable Generation (PV & BESS) System: $3,500
(Includes Lead ESR/Engineering/Drafting/Admin/Clerical)
Performance Meter: No Charge
(Required For Renewable Generation (PV) Systems above 10kW)

100kW to less than 1MW (34.5kV – 3 Phase)

Renewable Generation (PV & BESS) System: $4,500
(Includes Lead ESR/Engineering/Drafting/Admin/Clerical)
Performance Meter: No Charge
(Required For Renewable Generation (PV) Systems above 10kW)

System at 1MW and greater (34.5kV - 3 Phase)

Consult with the Customer Station Design Group for applicable fees.

All KW ratings are based on the "CEC- AC" rating

***Unique circumstances will be handled on a case by case basis under the Department's discretion. In the event of which two or more performance meters are required for installation at the same site, LADWP will charge the customer for the 2nd Performance Meter per NEM Ordinance (Net Energy Metering).**

****Costs associated with customer service upgrades are to be determined based on the project scope and/or LADWP distribution system upgrades. When required, additional fees will apply depending on project scope. Please Refer to the 2nd page of the Renewable Generation (PV & BESS) - Fee Schedule. This schedule does not apply to Feed In Tariffs.**