



Los Angeles
Department of
Water & Power

LADWP Distributed Energy Resource Programs – CES2G

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Today's Agenda



01

LADWP's Goals

02

LADWP's Local DER Portfolio

03

Commercial Energy Storage to
Grid Pilot Program

LADWP Goals

RENEWABLE ENERGY



2030

DISTRIBUTED ENERGY STORAGE



2030

LOCAL SOLAR



2030

DEMAND RESPONSE



2030



2035



DER & DR Customer Programs

NEM

692.7 MW
SIP: 280 MW

**Feed-in
Tariff
(FIT)**

115.7 MW
in-service

FiT+ Pilot
10 MW Goal

**VNEM
Pilot**

5 MW
Goal

**Solar
Rooftops
Program**

~120 kW
in-service

**Shared
Solar
Program**

~3000
Participants
10 MW Goal

**CES2G
Pilot
Program**

20 MW
Goal

C&I DR

38 MW
Across 78
Participants

SGIP

\$82M for
PV+ BESS
or BESS

DSGS

1 Aggregator
141 Customers
~1.36MW

**Power
Savers**

~ 42 MW
Across 59K
Smart Therm.



CES2G Pilot Program

Grid Connected – Separately metered systems from customer's normal load

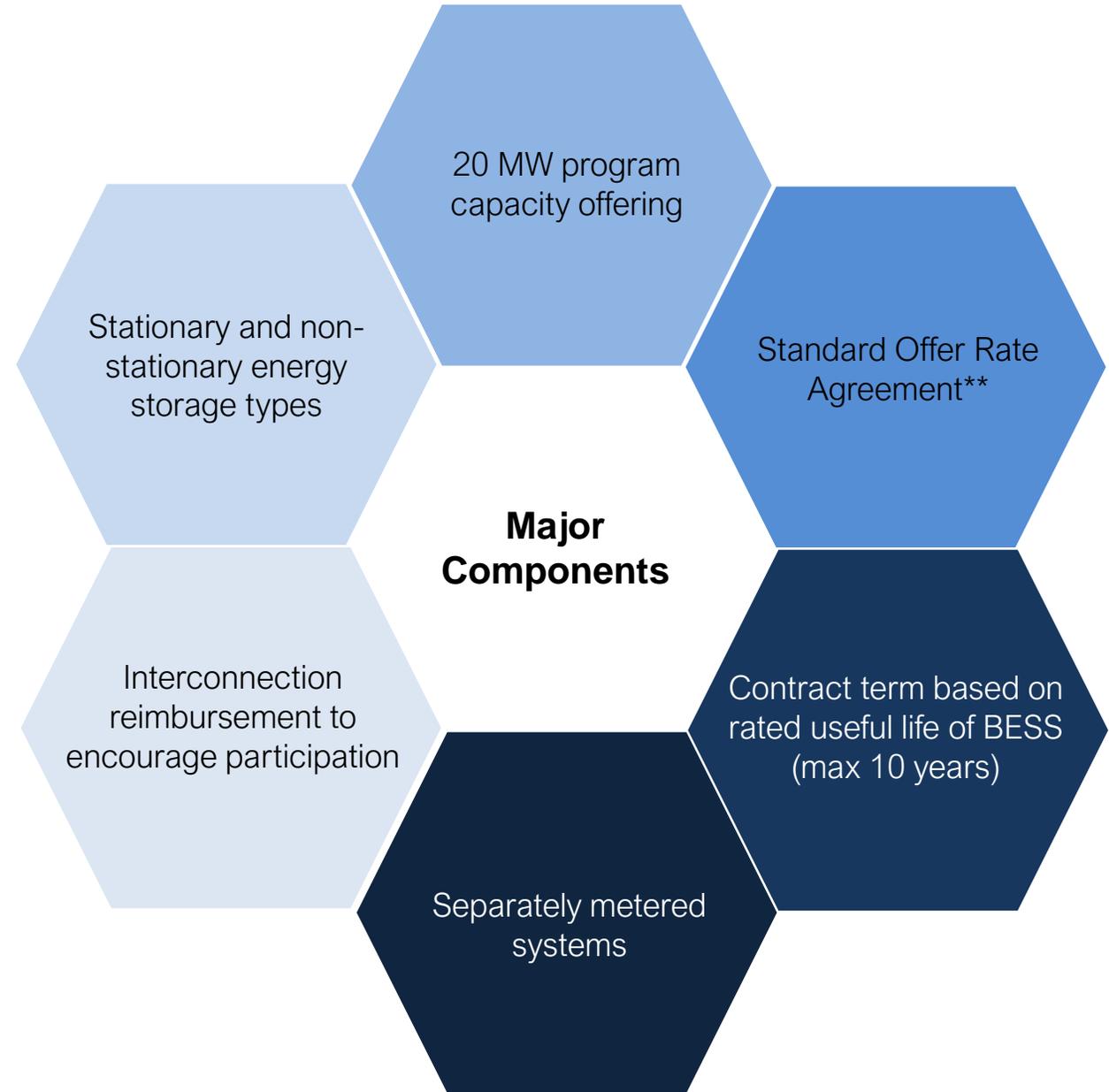


Stationary Energy Storage



Non-Stationary Energy Storage

CES2G Pilot Program Overview



**Declaration of Critical Peak Periods (CPP) are at the full discretion of the LADWP Energy Control Center

CES2G Pilot Requirements

- 1 Applicants must enroll in a DESS agreement
- 2 Minimum five up to a 10-year contract term
- 3 Applicants CES2G Facility is metered separately through a bidirectional revenue grade installation
- 4 All facility energy shall serve as system load or can only be sold to LADWP
- 5 Facility must have a minimum total Energy Storage capacity of 100kWhr

CES2G Tranche Breakdown

- The CES2G Pilot has a total of 20 MWs of available capacity split over an initial three tranches.
- Each tranche will consist of a 90-calendar day window
- The terms of the DESS, IA, and Guidelines are non-negotiable.
- If capacity remains, more tranches may be created until the full capacity is reached at the discretion of LADWP.

Tranche Segmentation			
Category	Tranche 1	Tranche 2	Tranche 3
Eligible Zones	Only LA Basin Service Territory		
Tranche Capacity	4 MW	7 MW	9 MW

CES2G Participant Compensation Structure

Three Compensation
Mechanisms



— 1 —

Interconnection Reimbursement

One time payment (After COD)
with up to 75% of I/C cost, not to
exceed: \$150K for 4.8kV
interconnection; \$400K for
34.5kV interconnections

— 2 —

Guaranteed Minimum Annual Events

DWP will conduct at least 50
Critical Peak Period (CPP) events

— 3 —

Energy Export Rate

~\$0.17 per kWh above the peak
charging rate for all discharged
energy

Thank you!

All DER Programs: www.ladwp.com/solar



LADWP is #HereForYou

