

Q4 Update on 20MW Local Power Goal

November 3, 2022



Agenda

- 20MW goal review
- DER programs
- Context and business model
- Discussion

20MW Local Power Goal

Program	Installations as of 11/3/22		Forecast	Total
	Solar capacity (MW)	Storage Capacity (MWh/MW)	Solar + Storage Capacity (MW)	Solar + Storage Capacity (MW)
Resi solar+storage	2.65	5.44 / 2.44	5	10
GovPV	0	0	2	2
GovPV2	0	0	4 - 6	4 - 6
DAC-GT	0	0	3	3
FLEXmarket	0	0	TBD	TBD
EV Managed Charging	0	0	TBD	TBD
TOTALS	2.65	2.44	14 - 16	19 - 21

DER Program Snapshot

Program	Current Status	Summary
Resi Solar & Storage	Active	<ul style="list-style-type: none"> Solar + storage for SFH resi; MFH resi under development PCE purchases Load Mod to offset RA costs Solar reduces energy charges, storage provides backup power
Solar & Storage for Public Buildings	Development	<ul style="list-style-type: none"> Solar + storage for municipal customers PCE offers project management, technical assistance, group purchasing, procurement, and financing Solar reduces energy charges, storage provides backup power
Community Solar (DAC-GT)	Development – contract signed	<ul style="list-style-type: none"> CPUC-funded, front-of-meter solar located in DACs Low income PCE customers receive 20% bill discount for subscribing to the array
FLEXmarket	Development	<ul style="list-style-type: none"> CPUC-funded, technology-agnostic load shaping program Contractors are incentivized to shape customer load in a way that benefits the grid
EV Managed Charging	Development	<ul style="list-style-type: none"> Piloting load shaping with EVs to mitigate peak load impacts of EV adoption Pilot launching in 2023; expansion in 2024

DER Program Trajectory, 2020-2025

		2020	2021	2022	2023	2024	2025
Local Generation & DER programs	Resi solar & storage	Development	Launch	Continuation	Continuation w/ PPA	Continuation w/ PPA	Continuation w/ PPA
	Solar & Storage for Public Buildings	Development	Development	Development	Launch	Expansion	
	Community Solar	Development	Development	Launch		Expansion*	
	FLEXmarket			Development	Launch	Expansion*	Expansion*
	EV Managed Charging			Development	Launch	Expansion	

*subject to additional CPUC funding

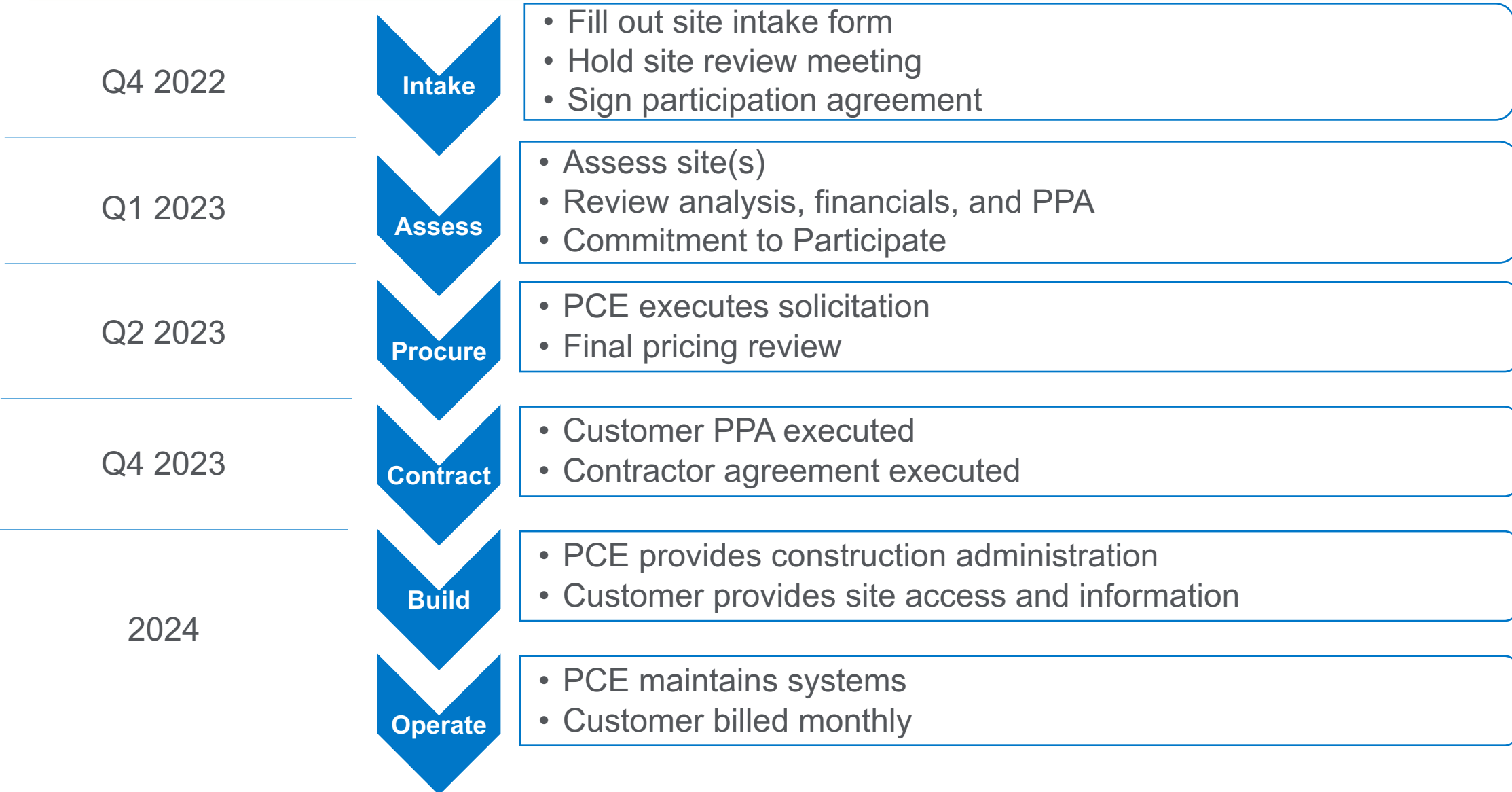
Context on DERs

- Provide grid benefits, especially peak shaving to reduce wholesale costs and carbon intensity, aiding further penetration of renewables
- Provide resilience
- Lower the operating costs of building and transportation electrification
- Deepen PCE-customer relationships and retention
- Reduce PCE costs and support self-sufficient business model
- Relationship between DERs and electrification goals

Business Model Impact to PCE

- PCE expanding its traditional business model to drive DER growth
- PCE PPA and direct pay provide innovative financing option that can reduce barriers to solar & storage adoption
- PCE able to pool installations to achieve economies of scale

Solar & Storage for Public Buildings Program



Discussion on 20MW goal & programs
