



# San Diego Community Power

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Finance and Risk  
Management Committee  
August 4, 2020





# Agenda

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1. Welcome
2. Roll Call
3. Public Comment for Items Not on the Agenda
4. Items to be Added, Withdrawn, or Reordered on the Agenda

## Regular Agenda

5. Overview on the Integrated Resource Plan
6. Discussion on the Bids Received from the 2020 Request for Proposals for Long-Term California RPS-Eligible Renewable Energy
7. Committee Member Announcements
8. Adjournment



# Item 5

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## Overview on the Integrated Resource Plan

# Integrated Resource Plan (IRP)

- All CPUC jurisdictional load serving entities must file an IRP with the CPUC every two years
- 2020 IRP consists of a narrative template, resource data template, and clean system power calculator (GHG calculator) showing planned energy and capacity resources through 2030
- Plans are assessed for reliability, greenhouse gas emissions, and local air pollutant minimization in disadvantaged communities
- Two plans will be required, consistent with a statewide GHG emission limit for the electric sector for 2030 of 46 MMT and a lower limit of 38 MMT

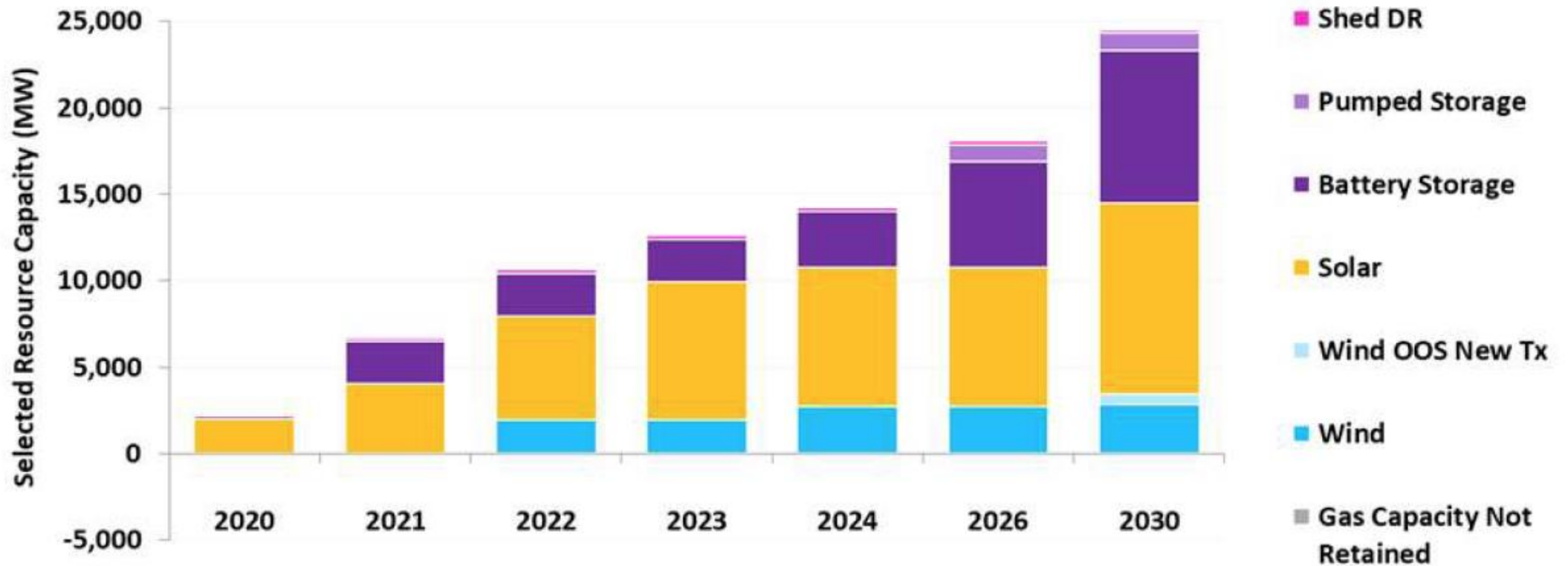
# 2030 GHG Benchmarks

LSE	Proportion of 2030 emissions inclusive of industrial load*	2030 Load (GWh)	Proportion of 2030 Load within IOU Territory	2030 GHG emissions benchmark (MMT) -- 46 MMT scenario	2030 GHG emissions benchmark (MMT) -- 38 MMT scenario
<b>SDG&amp;E Area</b>					
Bundled	8.84%	5,366	29.46%	1.198	0.990
Direct Access		3,940	21.63%	0.880	0.727
Clean Energy Alliance		992	5.45%	0.222	0.183
Solana Energy Alliance		0	0.00%	0.000	0.000
San Diego Community Power		7,914	43.45%	1.768	1.460

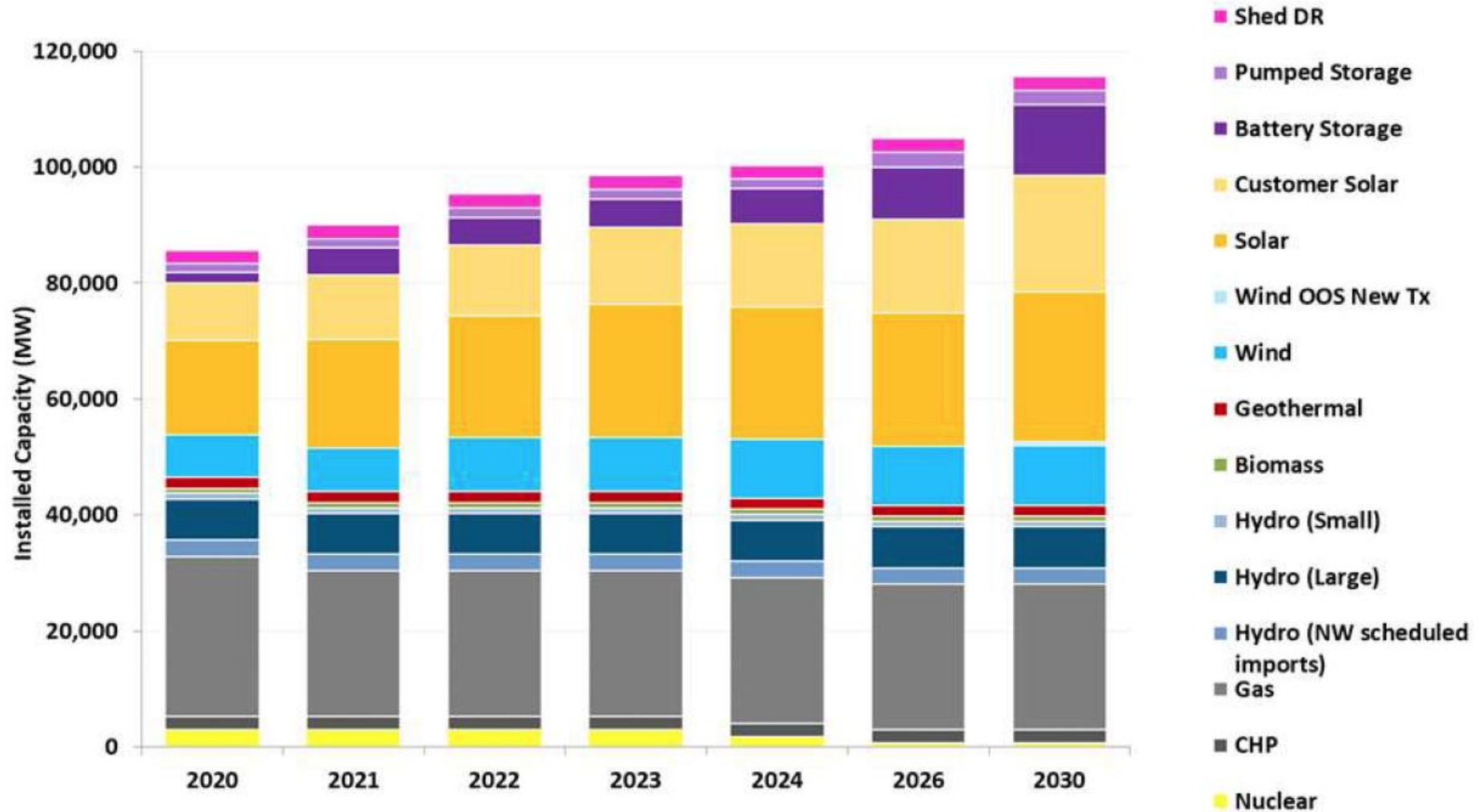
# Reference System Portfolio

- CPUC's Reference System Portfolio (RSP) represents the optimal (least cost) mix of resources to reliably meet electric sector's GHG emissions targets
- CPUC modeling has identified the statewide Reference System Portfolio for the 46 MMT target and an alternative portfolio that would achieve a 38 MMT target
- Both include large amounts of new solar, wind, and battery storage resources, as well as long-duration storage and out-of-state wind on new transmission

# Cumulative Buildout of New Resources in RSP



# Cumulative Resources in RSP





# Planning Assumptions for SDCP's IRP

- Planned renewable energy portfolio targets
- Planned 2030 GHG emissions limit, if lower than 1.46 MMT benchmark
- Planned generation mix (solar, wind, nat. gas, batteries, etc.) for energy and capacity
- Assumptions regarding new buildout vs. use of existing resources
- Geographic regions for planned resources

# Next Steps

- PEA to prepare IRP draft
- August 27: Board review and approval
- September 1: IRP submission to CPUC



## Item 6

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Discussion on the Bids Received from  
the 2020 Request for Proposals for  
Long-Term California RPS-Eligible  
Renewable Energy

# Summary of Responses

- 32 Unique Respondents/Suppliers
- ≈84 Project Options/Configurations
- Biogas – 1 response
- Floating Solar – 1 response
- Geothermal – 4 responses
- PV Solar – 35 responses
- PV Solar + Storage – 36 responses
- Unspecified/Portfolio - 1 response
- Wind – 5 responses
- PCC1 – 82 responses
- PCC2 – 1 response
- PCC1 and PCC2 – 1 response
- San Diego County-based project options: 14 responses



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Next meeting will be on  
September 1

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