

ACCELERATING CALIFORNIA'S CLEAN ENERGY FUTURE

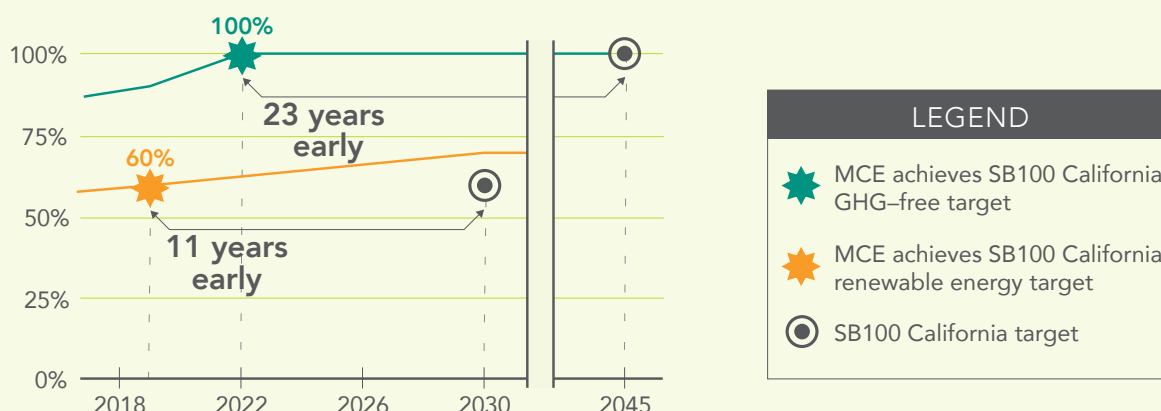
MCE 2019 Integrated Resource Plan: Exceeding State Targets

Since 2012, MCE has published an annual, voluntary, and publicly available Integrated Resource Plan (MCE IRP).¹

MCE's IRP summarizes our resources, planning, programs, and policies, captures the complexity of managing our energy portfolio, and demonstrates our voluntary procurement targets, which:

- » Continue to exceed state Renewable Portfolio Standards and GHG-reduction mandates
- » Demonstrate our commitment to supporting disadvantaged communities
- » Support our accelerated path to achieving state energy and climate goals

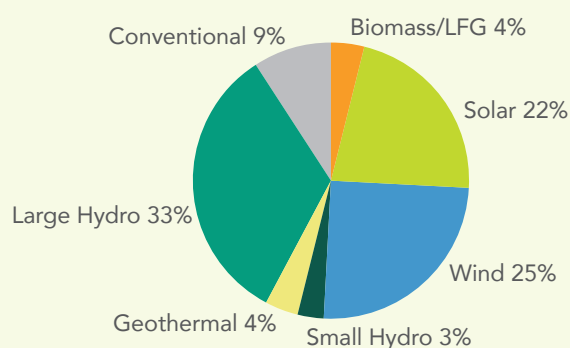
EXCEEDING STATE TARGETS FOR GHG REDUCTIONS + RENEWABLE ENERGY



BIOGAS: SMALL + IMPORTANT



2019 ESTIMATED RESOURCE MIX²



¹ MCE also prepares a separate IRP for the CPUC, a requirement for all load-serving entities. The CPUC IRP uses Commission-approved models that do not yet capture the complexity of managing MCE's portfolio or resource planning. MCE staff is working closely with the CPUC staff to refine their models, assumptions, and filing templates to ensure the success of the statewide planning effort.

² Percentages may not sum to 100 percent due to rounding. Figures include all supply for the Light Green, Deep Green and Local Sol retail product offerings, in addition to the power that is lost to the distribution system (~6% of retail sales).

CA RENEWABLE PROCUREMENT



42 MW Voyager Wind III in Mojave, CA

- » **60 contracts** + more than 30 energy product suppliers
- » **ZERO** unbundled renewable energy certificates (RECs) after 2018
- » **Half** of the Deep Green premium supports local projects + economic development

LOCAL RENEWABLE PROCUREMENT: CONTINUED COMMITMENT TO LOCAL BUILD OUT



The best rates available for rooftop solar customer

FAMILIES Rooftop Solar

>25,000 rooftop solar customers represent >300 MW of local renewable generation capacity. MCE offers cash outs of up to \$5,000 each year, ability to transfer credits to support low income solar customers, and above-market compensation for excess generation.



San Rafael Airport was MCE's first FIT project in 2012

BUSINESSES New Revenue Opportunities

One of California's most generous Feed-In Tariff (FIT) programs for locally situated, smaller-scale, renewable-generating resources that supply wholesale electricity to MCE. MCE's FIT offers up to 45 MW of capacity for qualifying renewables in MCE's service area.



10.5 MW MCE Solar One in Richmond, CA

COMMUNITIES Local Build = Local Supply

Between MCE Solar One and our FIT program, current projects within MCE's service area include ~20 MW operational and ~5 MW under contract.

10-YEAR RETAIL PORTFOLIO MIX TARGETS

Retail Sales (%)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
PCC 1 Renewable	44%	44%	44%	44%	45%	46%	47%	48%	49%	49%
PCC 2 Renewable	17%	17%	17%	17%	18%	18%	18%	19%	19%	19%
PCC 3 Renewable	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Large Hydro	29%	33%	36%	39%	37%	36%	35%	34%	32%	31%
Conventional Energy	10%	6%	3%	0%	0%	0%	0%	0%	0%	0%
Total Renewable	61%	61%	61%	61%	63%	64%	65%	66%	68%	69%
Total GHG-Free	90%	94%	97%	100%	100%	100%	100%	100%	100%	100%

Visit our website at mceCleanEnergy.org/energy-procurement to see the full IRP.