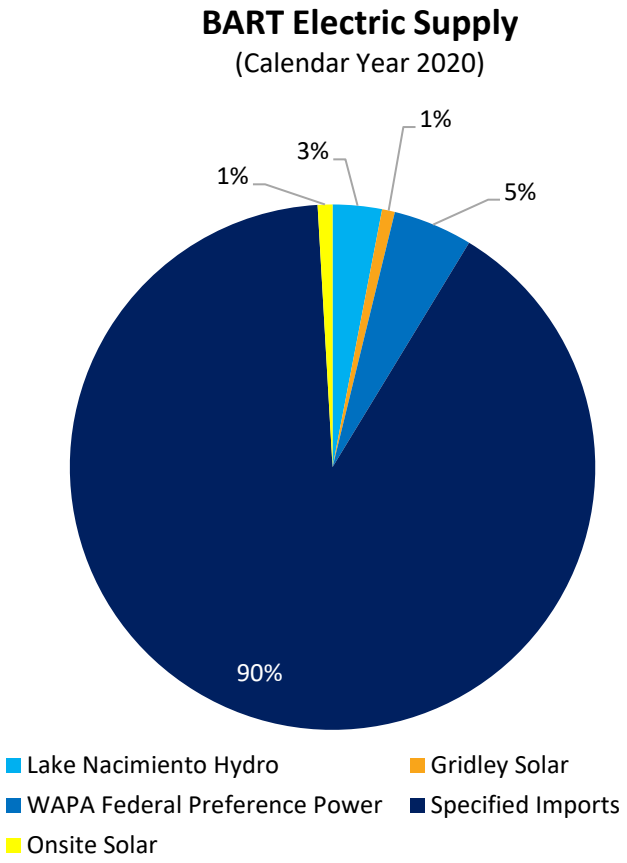
BART Renewable Power Purchase Agreements (PPAs)

Status Update

Presentation Overview

2020 Power Content Label

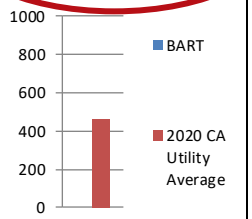
In 2020, BART achieved a 100% greenhouse gas free power supply for the first time in its history, comprised of electricity sourced from hydroelectric and solar sources.



CALIFORNIA ENERGY COMMISSION

2020 POWER CONTENT LABEL
San Francisco Bay Area Rapid Transit District (BART)
www.bart.gov/sustainablity/energy/powercontentlabel

Greenhouse Gas Emissions Intensity (lbs CO_2e/MWh)	
BART	2020 CA Utility Average
0	**466**



Energy Resources	BART	2020 CA Power Mix
Eligible Renewable[1]	**4.8%**	**33.1%**
Biomass & Biowaste	0.0%	2.5%
Geothermal	0.0%	4.9%
Eligible Hydroelectric	3.1%	1.4%
Solar	1.7%	13.2%
Wind	0.0%	11.1%
Coal	**0.0%**	**2.7%**
Large Hydroelectric	**95.2%**	**12.2%**
Natural Gas	**0.0%**	**37.1%**
Nuclear	**0.0%**	**9.3%**
Other	**0.0%**	**0.2%**
Unspecified Power[2]	**0.0%**	**5.4%**
TOTAL	**100.0%**	**100.0%**
Percentage of Retail Sales Covered by Retired Unbundled RECs[3]**:**	**0%**	

[1]The eligible renewable percentage above does not reflect RPS compliance, which is determined using a different methodology.
[2]Unspecified power is electricity that has been purchased through open market transactions and is not traceable to a specific generation source.
[3]Renewable energy credits (RECs) are tracking instruments issued for renewable generation. Unbundled renewable energy credits (RECs) represent renewable generation that was not delivered to serve retail sales. Unbundled RECs are not reflected in the power mix or GHG emissions intensities above.

For specific information about this electricity portfolio, contact:	**BART 510-916-9990**
For general information about the Power Content Label, visit:	http://www.energy.ca.gov/pcl/
For additional questions, please contact the California Energy Commission at:	Toll-free in California: 844-454-2906 Outside California: 916-653-0237

Note:

- BART is not a retail provider and is not authorized under state law to serve retail load. As a result, any and all references to "Retail Sales" associated with BART's Power Content Label should be interpreted as "total system load" until the Power Source Disclosure program rules are formally updated to accommodate BART's participation.

Status Update on Renewable PPAs

Status Update on BART's Renewable PPAs

Moving forward, BART will maintain a power supply that is principally GHG-free while substantially increasing its overall share of renewable electricity as defined by state law.

	Sky River Wind	Slate Solar
Total Project Capacity	30 MW	50.5 MW
Annual Expected Output	105,681 MWh	142,038 MWh
Location	Kern County, CA	Kings County, CA
Initial Sync	Aug. 24, 2021	Sept. 10, 2021
Commercial Online Date	Sept. 1, 2021	Oct. 31, 2021 (Est.)
Products	Energy, Capacity, RECs	Energy, Capacity, RECs
Contract Term	20 years	20 years
Project Developer	NextEra Energy	Recurrent Energy

Notes

- Detailed definitions of renewable eligibility requirements can be found in the Renewable Portfolio Standard Eligibility Guidebook ("RPS Guidebook") published by the California Energy Commission. Notably, under this definition of "eligible renewables" hydroelectric facilities >30MW are not considered renewable for the purposes of compliance with California's RPS Program.
- GHG-free: Greenhouse Gas Free
- RECs: Renewable Energy Credits

Project Development Timelines

Currently, both projects are online and delivering renewable electricity to BART. Slate Solar is on-track to conclude its performance testing in Oct. 2021 in order to formally achieve commercial operation.

Sky River Wind

- Dec. 2017 — PPA execution with Board approval
- Jan. 2021 — Certified construction start
- July 2021 — Systems integration and CAISO onboarding
- Aug. 2021 — Initial sync to the grid
- Sept. 2021 — Performance testing complete
- Sept. 2021 — Declaration of Commercial operation

Slate Solar

- Dec. 2017 — PPA execution with Board approval
- Jan. 2021 — Certified construction start
- Aug. 2021 — Systems integration and CAISO onboarding
- Sept. 2021 — Initial sync to the grid
- Oct. 2021 — Performance testing complete
- Oct. 2021 — Declaration of Commercial operation

We are here.

Sky River Wind Project Construction

Redevelopment of the Sky River Wind project was initiated in January 2021.

1

Photo 1: Onsite trenching for mid-voltage cabling.

2

Photo 2: Assembly of concrete batch plant.

4

Photo 4: Delivery of a turbine nacelle to project site.

3

Photo 3: Concrete footing for 3 MW Siemens Gamesa turbine.

Photos provided courtesy of NextEra Energy Resources

Sky River Wind Project Construction

Project construction was concluded in late August 2021 prior to initial synchronization to the grid.

5

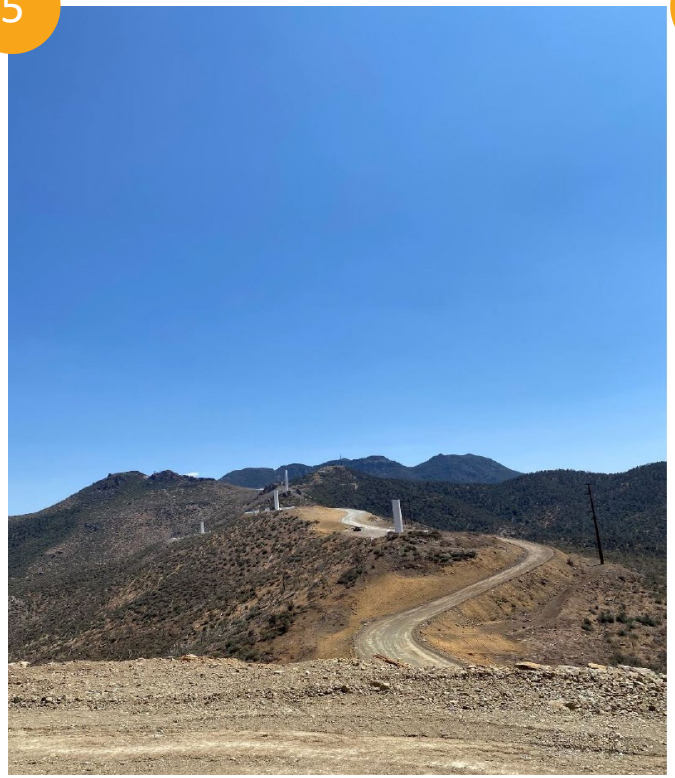


Photo 5: Installed tower base sections.

6

Photo 6: Installation of tower midsection.

7

Photo 7: Hoisting turbine rotor for installation.

Photos provided courtesy of NextEra Energy Resources

Slate Solar Project Construction

Development of the first phase of the Slate Solar project was initiated in January 2021.

1

Photo 1: Onsite trenching for mid-voltage cabling.

2

Photo 2: Tracker driveline installed to enable single-axis panel rotation to maximize solar output.

4

Photo 4: Photovoltaic module installation.

3

Photo 3: Racking installation with strut assembly.

Photos provided courtesy of Recurrent Energy

Slate Solar Project Construction

Project construction was concluded in early September 2021 prior to initial synchronization to the grid.

5

Photo 5: Inverter delivery to project site.

6

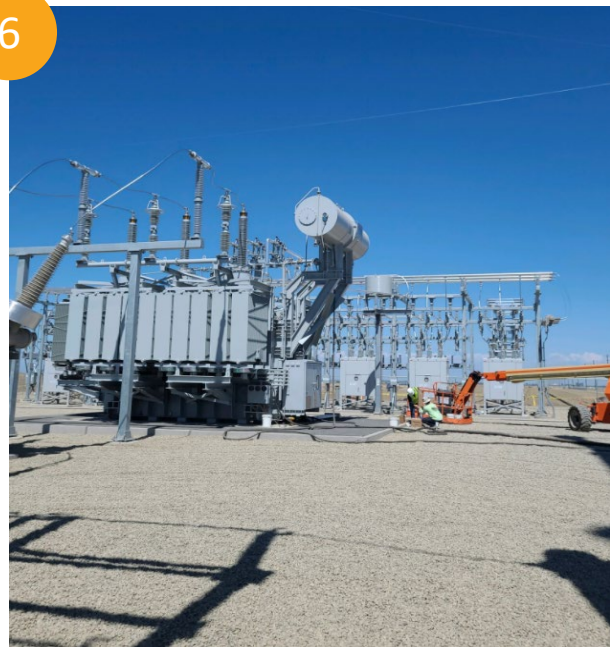


Photo 6: Termination of gen-tie line to the project substation.

Photos provided courtesy of Recurrent Energy

South Feather Hydroelectric Project

South Feather Hydroelectric Project

BART is actively evaluating participation in a membership share of the South Feather Hydroelectric Project contracted through the Northern California Power Agency (NCPA).

Powerhouse	Capacity
Woodleaf	60 MW
Sly Creek	13 MW
Kelly Ridge	11 MW
Forbestown	37.5 MW
Total	**121.5 MW**

Project Summary

- 4 powerhouses, 121.5 MW total capacity
- Owned and operated by the South Feather Water & Power Agency (SFWPA) located in Oroville, CA
- Project's existing PPA with PG&E set to expire Dec. 2021
- Generation is 100% GHG-free, a portion of which qualifies as "eligible renewable"
- Reservoir storage enables operating flexibility and dispatchability within FERC licensing requirements
- BART's Board will be kept apprised of progress moving forward*

Notes

- FERC: Federal Energy Regulatory Commission
- PPA: Power Purchase Agreement
- BART's Board has delegated authority to BART's GM to enter into power purchase agreements, gas service agreements, and other energy product transactions on behalf of the District under Resolution 5197.

South Feather Hydroelectric Project

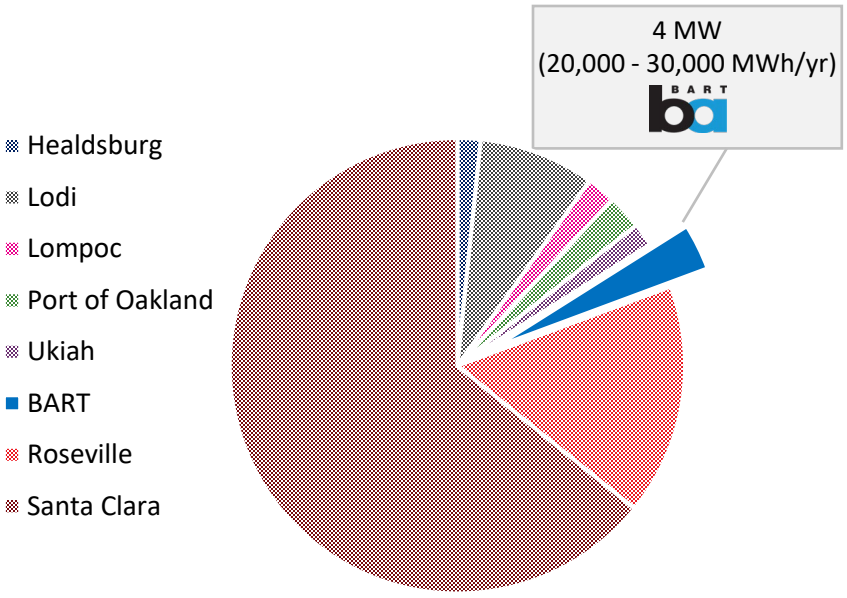
Contract Structure

- NCPA to enter PPA with SFWPA on behalf of its participating membership
- Project capacity allocated among NCPA's interested members based on annual load and portfolio need
- Project capacity apportioned to members individually through dedicated offtake agreements
- 10-year term with option for 10-year extension
- Members receive energy, capacity, ancillary services, RECs

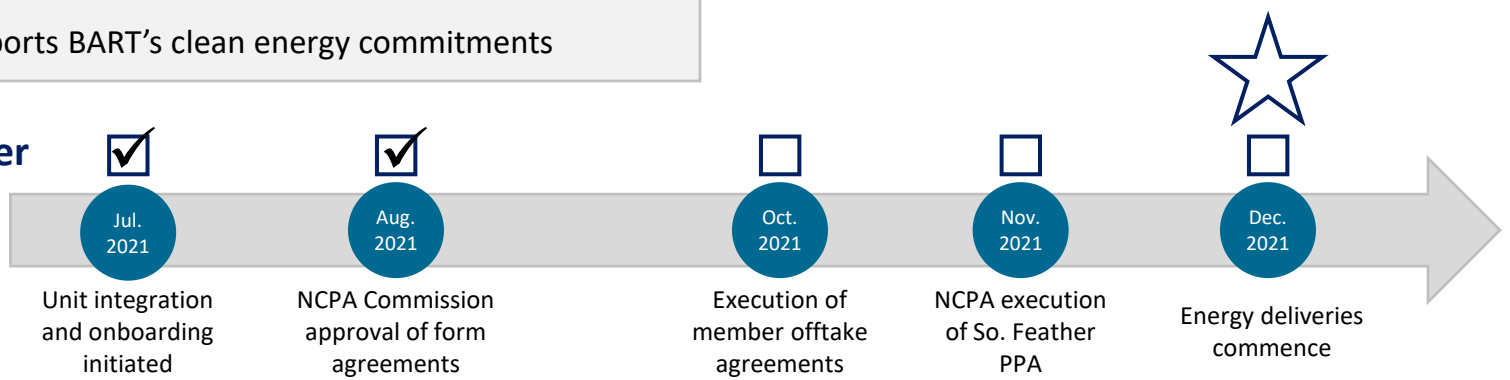
Benefits to BART

- ✓ Cost competitive with existing supply portfolio
- ✓ Operating flexibility enables optimization of energy deliveries to support BART's peak service periods
- ✓ Further enhances portfolio diversity
- ✓ Directly supports BART's clean energy commitments

Project Participation (MW)



South Feather Hydro



Next Steps and Near-term Priorities

Next Steps and Near-term Priorities

Next Steps

1. Slate Solar to formally achieve “commercial operation” in the second quarter of fiscal year 2022 (Q2 FY22)
2. BART to complete its internal review of a membership share in the South Feather hydroelectric project in Q2 FY22
3. Prepare for tranche of GHG-free power procurement in Q2 FY22 to fulfill any remaining needs in calendar year 2022

NextEra’s North Sky River Wind, located adjacent to its Sky River Wind project, which achieved commercial operation in September 2021.

Recurrent Energy’s Mustang Solar project, located adjacent to its Slate Solar project, which is expected to achieve commercial operation in October 2021.


BART