



Senate Bill 1122: Bioenergy Renewable Market Adjusting Tariff (BioMAT)

Category 3: Byproducts of Sustainable Forest Management

Category 1: Urban Waste

- Biogas from wastewater treatment plants
- Biogas from municipal organic waste diversion
- Biogas from food manufacturing activities
- Biogas from codigestion

Category 2: Dairy and Agricultural Waste

- Biogas generated primarily from the anaerobic digestion of dairy cattle manure
- Biogas or biomass generated through agricultural or horticultural production

Category 3: Byproducts of Sustainable Forest Mgmt.

- Biomass from forest byproducts derived from fire threat reduction, infrastructure clearance projects or sustainable forest management activities.

What is SB 1122?

Senate Bill 1122 is a bioenergy specific carve out introduced by the California legislature to incubate the development of small-scale distributed generation facilities that address and support waste diversion and emissions reduction goals of the California Energy Commission, CalRecycle, and the State's Bioenergy Action Plan. The SB 1122 BioMAT is modeled after the existing ReMAT for all renewables but is exclusive to small-scale (< 3 MW) bioenergy projects. A total of 250 MW has been allocated to this program: 110 MW to urban sourced bioenergy, 90 MW to dairy and agricultural bioenergy, and 50 MW to forest sourced bioenergy.

Category 3: Byproduct of Sustainable Forest Management

Category 3 is intended to promote the utilization of energy feedstock generated from approved fire threat reduction plans, fire safe clearance activities to comply with Public Resources Code Section 4290 and 4291, infrastructure clearance projects, and other sustainable forest management certified and approved by CAL FIRE or another appropriate state or federal agency.

Project Participation and Project Development

Requirements to prepare for the BioMAT auction include:

- System sizing based on sustainable feedstock availability;
- Technology and vendor selection;
- Site Control;
- Negotiate Memorandum of Understanding (MOU) for project development roles and responsibilities; and
- IOU System Impact Study for interconnection.

Additional pre-development work includes:

- Feasibility Study;
- Review site zoning and apply for a Conditional Use Permit (CUP) if necessary;
- Contract feedstock (if necessary); and
- Detailed financial model and plan to acquire financing.

Program Eligibility

- 1) Located in IOU territory
 - Is your site located in PG&E, SCE, or SDG&E territory?
- 2) Uses an Eligible Renewable Energy Resource
- 3) Is a FERC Qualifying Facility
- 4) Contract size is less than 3 MW
- 5) Interconnection Study/Strategically Located
 - Must be performed by the IOU
- 6) Site Control
 - Ownership or demonstrated ability to lease
- 7) Developer Experience
 - Part of the technology selection process
- 8) No Daisy Chaining
- 9) Project has not previously received SGIP incentives

Price Adjustments

Starting Price: \$0.127/kWh

Adjustment 1: to \$0.131/kWh

Adjustment 2: to \$0.139/kWh

Adjustment 3: to \$0.151/kWh

Adjustment 4: to \$0.163/kWh

Adjustment occurs when fewer than 20% of the allocation for an offering are subscribed when sufficient bidders are in the queue.

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