



Multiple Smaller Rooftop Arrays in Burlington. BED purchases energy from multiple smaller rooftop arrays in Burlington under contracts ranging from 5-20 years. Learn more about which resources provided BED's energy supply and how BED uses sales and purchases of Renewable Energy Credits (RECs) to mitigate costs to ratepayers while



5 VT LEG #372647 v.2 Introduction This report is submitted by the Legislative Working Group on Renewable Energy Standard Reform (the Working Group), which was created by 2023 Acts and Resolves No. 33 (Act 33).



achievable in a cost-effective way if too many restrictions are placed on resource procurement. Darren Springer, Burlington Electric b) three vt utilities are already at 100% renewable. two others, GMP and VEC, have already pledged to do so. this requirement seems entirely realistic. Peter Sterling, Renewable Energy Vermont

# BURLINGTON VERMONT RENEWABLE ENERGY COST



If Burlington Electric were to shut down McNeil and replace it "with a contract for any type of renewable energy," it could still be exempted from the Standard Offer Program, Persampieri argued.



economic vitality, the efficient use of energy resources, and cost-effective demand-side management; and that is environmentally sound. Vermont's . 25% of Vermont's energy needs from renewable sources by 2025, 45% by 2035, and 90% by 2050. In addition, the CEP sets sector specific targets. This

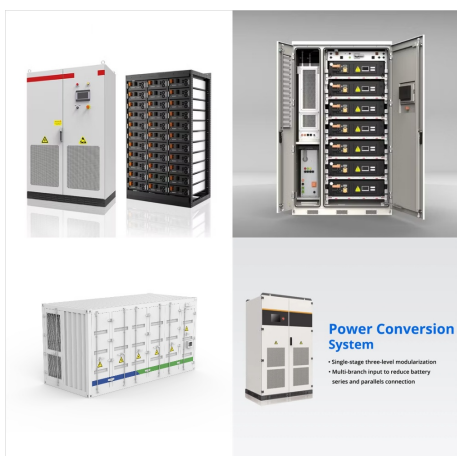


If we are serious about responding to the climate crisis, then the Burlington of 2030 will be one where every one of our buildings is much more energy efficient and electric, where our land use and transportation policies help support less energy use, where nearly all vehicles are powered by 100 percent renewable electricity, and where we

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energy supply. II. Project Locations 585 Pine Street, Burlington, VT 05401 III. Detailed Requirements A. Project The City of Burlington Electric Department (the "Department") in Burlington, Vermont, invites proposals for renewable resources for energy supply and renewability. BED would request that proposal conform to the following:



The City of Burlington, Vermont's goal is to reduce, and eventually eliminate, fossil fuel usage. In this podcast series, Burlington's Director of Sustainability Jennifer Green and her guests will be sharing ways we can all reduce our energy usage for heating, driving, and everything else we plug in. sustainability means reliable, cost



o Vermont counts biomass in its renewable energy standard, and legislation introduced in the 2023 session (but not advanced) to update Vermont's policy, supported by Renewable Energy Vermont and other groups, would have continued eligibility for biomass and McNeil and Ryegate (Vermont's other biomass electric facility).<sup>10</sup>

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Reasons to Support H.289, the Consensus Renewable Energy Standard Reform Bill ???  
Vermont's Renewable Energy Standard is almost a decade old. It is outdated in an era where New England states are all moving forward faster, bringing new, clean, cost-saving renewable resources online ??? The unifying compromise bill mandates 100% renewable

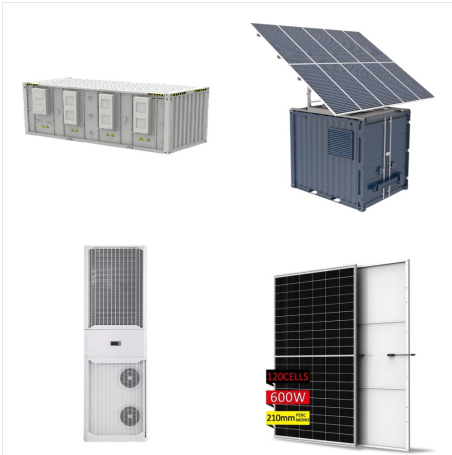


? The Burlington Electric Department revenue bond will fund grid reliability improvements, renewable energy projects, and EV charging infrastructure. The bond will be repaid through electricity



Burlington, VT ??? Today, Mayor Miro Weinberger and Burlington Electric Department (BED) shared Burlington's Net Zero Energy (NZE) Roadmap update for 2023 and announced exciting new programs and incentives to ???

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Burlington, Vermont's Energy Supply. Since 2014, Burlington's energy mix has been comprised of renewable energy through a mix of owned and contracted energy sources presented in Table 6.1 and Fig. 6.4. The largest source of renewable electricity (41 percent in 2015) in Burlington is generated at the McNeil Generating Station which burns woody biomass (BED n.d.).



Lawmakers in Vermont's House are taking up a bill that would require utilities in the state to source 100% of their electricity from renewables by 2035, with an earlier deadline for Green Mountain



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community benefits, such as increased use of renewable energy resources and coordination with smart building technologies. ??? Provide 4 MW of thermal storage (approximately 6% of Burlington Electric's peak load) using solar and an automated load management system to decrease costs and provide a backup energy source during times of peak



The rest of Vermont is getting in on the action. Burlington is not alone in this endeavor: Cities across Vermont are switching to renewable energy, and the state aims to get 90% of its energy from



Burlington: Solar: Vermont: 3.4: 5,266: 1.5%: BED  
Gas Turbine: Oil: Vermont: 22.0: 357: 0.1%:  
Because BED generated and purchased more renewable energy than was used by all of Burlington, there were no short-term energy purchases or net annual ISO-NE Exchange purchases in 2022. equal to over 17% of its cost of service. BED purchased and

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Improving access to clean, distributed energy for all Vermonters. The Vermont Department of Public Service (PSD) is pleased to announce an award of \$62.45 million for Solar for All Vermont (SAV), which will allow low-income Vermonters to access the benefits of solar power.

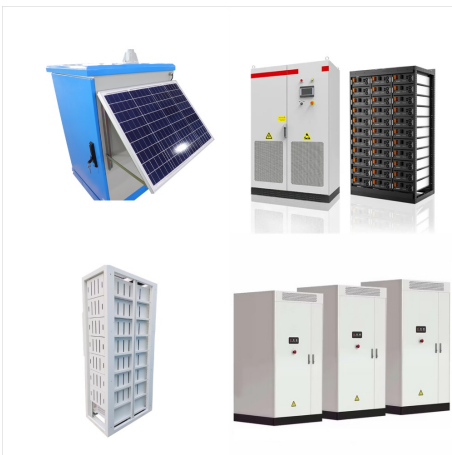


also with respect to Vermont's renewable requirements and the associated retirement of renewable energy credits. Vermont's Thermal Sector . Although the numbers appear to indicate that Vermont's thermal sector is well on its way to meeting the 2025 goal of 30% renewable energy, the change in renewable supply in the sector has been slow. 2

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In May 2009, Vermont created the first statewide renewable energy feed-in law. [10] In 2010, there were about 150 methane digesters in the nation, Vermont led the nation with six online. The costs at Vermont Yankee were about 3 to 5 cents per kilowatt hour. [1] In August 2013,



While in principle green energy costs more to produce, Burlington seems to have found a good model. This policy saves the city around \$1 million a year as compared to classic energy solutions. It's especially thanks to the resale of a part of its surplus renewable energy to neighboring states, like Massachusetts, where the law requires cities



What do Vermont regulations currently require of utilities when it comes to supplying their customers with renewable electricity? Vermont has a regulation called the "Renewable Energy Standard." The Legislature passed ???



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? The City of Burlington, Vermont's goal is to reduce, and eventually eliminate, fossil fuel usage. We share the following information to provide you with cost-effective and time-efficient ways to pay your Burlington Electric Department will purchase clean hydropower and associated VT-1 renewable energy credits produced by FirstLight