

COMMUNITY & ECONOMIC DEVELOPMENT OFFICE

149 CHURCH STREET • ROOM 32 • CITY HALL • BURLINGTON, VT 05401
(802) 865-7144 • (802) 865-7824 (FAX)
www.burlingtonvt.gov/cedo

March 16, 2023

Patricia A. Hoffman
Principal Deputy Director,
Grid Deployment Office
U.S. Department of Energy
100 Independence Ave SW,
Washington, DC 20585

Dear Ms. Hoffman:

This letter is to express the Community & Economic Development Office's (CEDO) intent to partner with the Burlington Electric Department should their Building Grid-edge Integration and Aggregation Network of Thermal Storage (Building GIANTS) Proposal be funded. In addition to supporting workforce development programs in Burlington and using our connections to ensure that BED has the skilled staff required to carry out the project, CEDO will garner community input, feedback and support for the project through the Neighborhood Planning Assemblies and the Trusted Community Voices Program.

CEDO was formed in 1983 under the auspices of then-Mayor Bernie Sanders, and we are charged with engaging Burlingtonians to build an equitable, healthy, safe, and vibrant city with opportunities for all. This includes supporting the Neighborhood Planning Assemblies (NPAs) – citizen-led, neighborhood organizations that were established in each of Burlington's eight Wards to encourage resident participation in City government.

Should BED's bid for funds be successful, CEDO will partner with BED to share news and project information with the NPAs and solicit resident feedback. Furthermore, CEDO will use the Trusted Community Voices program to share news and information and gather feedback specifically from Burlington's immigrant and refugee communities.

If you have questions about our support of BED's end use metering and flexible load management proposal, and our role to solicit and share community input, please don't hesitate to contact me at bpine@burlingtonvt.gov or 802-578-6953.

Sincerely,

Brian T. Pine
CEDO Director



**Vermont Green Building Network
Attn: Burlington 2030 District
PO Box 5384
Burlington, VT 05402**

Tel. 802-735-2192 | Email: jenna.antonino.dimare@2030districts.org

March 9, 2023

TO: Patricia A. Hoffman
Principal Deputy Director,
Grid Deployment Office
U.S. Department of Energy
100 Independence Ave SW,
Washington, DC 20585

**RE: Letter of Commitment in support of
Burlington Electric Department's Building GIANTS Proposal**

Dear Ms. Hoffman:

This letter of commitment expresses support for Burlington Electric's Building Grid-edge Integration and Aggregation Network of Thermal Storage (Building GIANTS) Proposal for the Department of Energy's Smart Grid Grants. This proposal advances *end use metering and flexible load management* and our intent to share pilot news and information, recruit potential pilot partners, and celebrate the benefits and positive outcomes of this effort with our diverse group of Burlington 2030 District members.

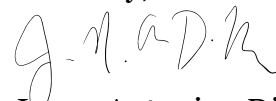
The Burlington 2030 District is one of twenty-three 2030 Districts across the U.S. and Canada committed to supporting greenhouse gas emission reduction in the built environment and ground transportation sectors. Our membership base includes subsidized housing providers (such as the Champlain Housing Trust) and commercial property owners, ranging from small BIPOC-owned and managed businesses to the University of Vermont Medical Center. In addition to offering technical assistance and advice to our members on how they can reduce load and electrify their transportation and heating needs, we partner closely with the Burlington Electric Department (BED)

and appreciate the insight, expertise, and financial support BED brings to our District members.

The Burlington 2030 District is pleased to commit to this project by recruiting members to participate. This includes working with our small business members and members who provide housing to Burlington's most vulnerable -- those for whom flexible load control can make it more economically viable to heat pump. We also commit to recruiting several of our larger commercial District members (such as Champlain College or the University of Vermont Medical Center) where flexible load control can help save money and ultimately keep commercial rates down, thereby supporting the Burlington 2030 District in reaching its greenhouse gas reduction goals.

If you have questions about the Burlington 2030 District commitment to BED's end use metering and flexible load management proposal, please do not hesitate to contact me via email (jenna.antonino.dimare@2030districts.org). We look forward to helping with these pilot efforts and celebrating the advantages of this work with our 2030 District members.

Sincerely,

A handwritten signature in black ink, appearing to read "Jenna Antonino DiMare". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Jenna Antonino DiMare
Director



20 Allen Street, 3rd Floor, Burlington, Vermont 05401
Phone: (802) 985-3106 Fax: 802-881-0521

March 13, 20223

Mr. James Gibbons
Director of Policy and Planning
Burlington Electric Department
585 Pine Street
Burlington, VT 05401

Dear Mr. Gibbons

This letter is to express the Association of Africans Living in Vermont, Inc. (AALV) interest in partnering with the Burlington Electric Department on your Department of Energy's Advanced Distribution and Management System proposal.

AALV is located in the heart of Burlington's Old North End, home to the majority of Burlington's refugee community and low-income customers, many of whom speak English as a second language. As such, we are eager to partner with BED on the design and roll-out of the outage management system-one that will better allow our clients to not only learn about where outages are occurring, and when the power will be back on-but that will empower clients to report on outages on behalf of themselves and their community. We also see this project as a way to share information about strategic electrification, net zero energy and the disproportionate impact of climate change on Communities of Color.

I you have questions about our interest in partnering on BED's Advanced Distribution Management System project-and the outage management system in particular, please do not hesitate to contact me at 802-578-8993 or by email at jbogre@aalv-vt.org.

Sincerely,

Yacouba Jacob Bogre
Executive Director



March 6, 2023

Patricia A. Hoffman
Principal Deputy Director,
Grid Deployment Office
U.S. Department of Energy
100 Independence Ave SW,
Washington, DC 20585

Dear Ms. Hoffman:

This letter is to express Champlain Housing Trust's support for Burlington Electric's Building Grid-edge Integration and Aggregation Network of Thermal Storage (Building GIANTS) Proposal for the Department of Energy's Smart Grid Grants, and in particular, prospective efforts to devise *end use metering and flexible load management* to assist us and our tenants, many of whom are Burlington's most low-income residents.

As Burlington Electric customers, we take great pride in Burlington becoming the first city in the country to source 100% of its electricity from renewables. We are equally eager to help ensure that Burlington meets its next ambitious target – to transition to Net Zero Energy in the thermal and transportation sectors. We know this effort will require that all Burlingtonians -- regardless of income or other factors -- can participate in the energy transformation and experience the benefits of electrification. In particular, we know this will require furthering the affordability of using heat pumps compared to natural gas, particularly for renters. We also understand that flexible load control can make it more cost effective and economically viable for many of our tenants to use heat pump, and that efforts to develop commercial-level flexible load control can help our large properties save money, thereby keeping commercial rates down and ultimately allowing the City to better face the challenges of extreme weather events and increased demand on the grid.

If you have questions about our support of BED's end use metering and flexible load management proposal, please don't hesitate to contact me at 802-862-6244. We look forward to the prospect of participating in this exciting work, and supporting BED in efforts to benefit our clients, our bottom-line and Burlington transition to Net Zero Energy.

Sincerely,

Amy Demetrowitz
Chief Operating Officer

HEADQUARTERS 88 King Street, Burlington, Vermont 05401 | P: 802.862.6244 | F: 802.862.5054

FRANKLIN/GRAND ISLE 13 Lake Street, St. Albans, Vermont 05478 | P: 802.527.2361 | F: 802.527.2373

WWW.GETAHOME.ORG

WWW.CHAMPLAINHOUSINGTRUST.ORG

THIS ORGANIZATION IS AN EQUAL OPPORTUNITY
EMPLOYER AND PROVIDER





March 14, 2023

Patricia A. Hoffman
Principal Deputy Director,
Grid Deployment Office
U.S. Department of Energy
100 Independence Ave SW,
Washington, DC 20585

Dear Ms. Hoffman:

Established 1982

95 North

Canal Street Housing

The Daystation

Firehouse Family Shelter

Housing Resource Center

Main Street Family Shelter

St. John's Hall

The Smith House

The Waystation

The Wilson

PO Box 1616
Burlington, Vermont 05402

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Phone: (802) 864-7402
Fax: (802) 864-2612

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www.cotsonline.org



This letter is to express the Committee on Temporary Shelter's interest in partnering with Burlington Electric's DOE Building Grid-edge Integration and Aggregation Network of Thermal Storage (Building GIANTS) Proposal should it be funded. In particular, we are happy to partner on prospective efforts to devise *end use metering and flexible load management* to assist us and our clients, Burlington's most disadvantaged constituents.

COTS is a homeless service provider, offering, shelter for individuals and families, homeless prevention services, and permanent affordable housing to those experiencing homelessness. We are currently constructing a 16 unit building of permanent affordable housing in partnership with Evernorth targeted to families that will include heat-pump based heating and cooling and a solar array in Burlington.

As Burlington Electric customers, COTS take great pride in Burlington becoming the first city in the country to source 100% of its electricity from renewables. We are equally eager to help ensure that Burlington meets its next ambitious target – to transition to Net Zero Energy in the thermal and transportation sectors. We know this effort will require that all Burlingtonians -- regardless of income or other factors -- can participate in the energy transformation and experience the benefits of electrification. We know this will require furthering the affordability of using heat pumps compared to natural gas, particularly for our temporarily housed clients and our low-income tenants. We also understand that flexible load control can make it more cost effective and economically viable to utilize heat pumps, and that efforts to develop commercial-level flexible load control can help large properties save money, thereby keeping commercial rates down and ultimately allowing the City to better face the challenges of extreme weather events and increased demand on the grid.

If you have questions about our support of BED's end use metering and flexible load management proposal, please don't hesitate to contact me at 802-540-2476. We look forward to the prospect of participating in this exciting work, and supporting BED in efforts to benefit our clients, our bottom-line and Burlington transition to Net Zero Energy.

Sincerely,

Jonathan Farrell (he, him)
Executive Director
Committee on Temporary Shelter
802-540-2476

PS: I am happily participating in a residential heat pump load-control pilot with BED in our home, we use heat pumps as our primary heat source.



329 Harvest Lane | Suite 200 | Williston, VT 05495
802.658.4143 | resourcevt.org

March 15, 2022

Patricia A. Hoffman
Principal Deputy Director
Grid Deployment Office
U.S. Department of Energy
100 Independence Ave SW
Washington, DC 20585

Dear Ms. Hoffman:

This letter is to express ReSOURCE's interest in partnering with BED on its Building Grid-edge Integration and Aggregation Network of Thermal Storage (Building GIANTS) efforts, should it be successful in securing funds from the Department of Energy.

ReSOURCE is a nonprofit community enterprise focused on strengthening communities through job training with skills in construction, weatherization, and building science. ReSOURCE hosts multiple (paid) training programs designed to reskill workers. ReSOURCE very much appreciates our ongoing work with Burlington Electric and takes great pride in Burlington becoming the first city in the country to source 100% of its electricity from renewables. In particular, we've appreciated partnering with BED on our construction and weatherization programs. Should BED's GRIP proposal be accepted, ReSOURCE will work with BED to integrate more information on heat pumps, load control and flexible management into our training curriculum.

If you have questions about ReSOURCE or our partnership with BED, particularly as it relates to BED's end use metering and flexible load management proposal, please don't hesitate to contact me at ajope@resourcevt.org or 802.343.3450. We look forward to the prospect of participating in this exciting work.

Sincerely,

Andrew Jope
Training Director



32A Malletts Bay Avenue
Winooski, VT 05404
802-655-8900
vtworksforwomen.org

March 3, 2022

Patricia A. Hoffman
Principal Deputy Director
Grid Deployment Office
U.S. Department of Energy
100 Independence Ave SW
Washington, DC 20585

Dear Ms. Hoffman:

This letter is to express Vermont Works for Women's support for Burlington Electric's Building Grid-edge Integration and Aggregation Network of Thermal Storage (Building GIANTS) Proposal for the Department of Energy's Smart Grid Grants, and in particular, prospective efforts to devise *end use metering and flexible load management* to assist us and our clients, many of whom are Burlington's most disadvantaged constituents.

Vermont Works for Women's mission is to promote economic justice by advancing gender equity and supporting women and youth at every stage of their career journeys. VWW very much appreciates our ongoing work with Burlington Electric and takes great pride in Burlington becoming the first city in the country to source 100% of its electricity from renewables. In particular, we've appreciated partnering with BED on our Trailblazers program, a free trades training program preparing women and gender-expansive individuals ages 16+ for careers in construction and the renewable energy sector. Furthermore, BED has mentored several students over the seven-week-long pre-apprenticeship program and served as a local employer on the three-week paid onsite work program. (Serving as a local employer requires participating in the VWW gender equity training). Should BED's GRIP proposal be accepted, BED commits to working with VWW on expanding the Trailblazers program curriculum to include heat pump deployment and the tools that enable flexible load management and integrating information on heat pump and load control into the internship curriculum.

If you have questions about VWW or our partnership with BED, please don't hesitate to contact me 802-655-8900 xt 104. We look forward to the prospect of participating in this exciting work.

Sincerely,

Alison Lamagna
Director of Impact
alamagna@vtworksforwomen.org