



August 6, 2021

Ms. Holly Anderson
Vermont Public Utility Commission
112 State Street
Montpelier, VT 05620

Re: Case No. 20-2935-INV
2021 Standard Offer Program RFP Recommendations

Dear Ms. Anderson:

Please find below the Standard Offer Facilitator's award and reserve group recommendations for the 2021 Standard Offer Program Request for Proposals (RFP). We recommend nine proposals for the award group and three for the reserve group. The table below shows the available capacity solicited for the RFP.

I. AVAILABLE CAPACITY

2021 Standard Offer Program RFP Available Capacity	
PROVIDER BLOCK	2.4800 MW
DEVELOPER BLOCK	
Technology Diversity Block	
Biomass	1.2994 MW
Small Wind	1.2994 MW
Large Wind	1.2994 MW
Food Waste	1.2994 MW
New Hydroelectric	1.2994 MW
Price Competitive Block	3.4230 MW
Total	12.400 MW¹

II. PROPOSALS RECEIVED

On May 24, 2021, the Standard Offer Facilitator issued an RFP for Standard Offer Projects.² On July 21, 2021, twenty-three proposals were received in response to the RFP totaling 40.880 MW. On July 23, 2021, the proposals were opened live via video teleconferencing software. The following summary lists the proposals received.

¹ Pursuant to 30 V.S.A § 8005a(c)(1)(A), the annual capacity increase is 10 MW. The additional 2.400 MW of available capacity is from program attrition.

² *Investigation to Review the 2021 Implementation of the Standard-Offer Program*, Case No. 20-2935-INV, Order of 4/26/21 at 18.



2021 Standard Offer Program RFP Proposals Received

Project Name	Technology	Price (\$/kWh)	Capacity (MW)	Total (MW)
PROVIDER BLOCK				
No Proposals Received				
DEVELOPER BLOCK – Technology Diversity				
Quarterline Wind	Small Wind	0.2540	0.030	
Howrigan Wind Farm II	Small Wind	0.2580	0.050	
Prevailing Wind Farm A	Small Wind	0.2580	0.100	
Prevailing Wind Farm B	Small Wind	0.2580	0.100	
Grandpa's Knob Community Wind	Large Wind	0.1160	1.500	
Harriman Reservoir Minimum Flow	New Hydro	0.1299	1.700	3.480
DEVELOPER BLOCK – Price Competitive				
Olde Farmhouse Solar	Solar	0.0848	2.200	
Boardman Hill Solar	Solar	0.0849	2.200	
Bullfrog Hollow Solar	Solar	0.0857	2.200	
Halladay Solar	Solar	0.0857	2.200	
Midway Ave Solar	Solar	0.0857	2.200	
Berlin Dog River Solar	Solar	0.0858	2.200	
Hartford Christian	Solar	0.0864	2.200	
Windsor 2.2 MW AC	Solar	0.0870	2.200	
Hartland Quarry Solar	Solar	0.0879	2.200	
Randolph Gifford	Solar	0.0884	2.200	
NEER DG - Labounty 2	Solar	0.0887	2.200	
NEER DG - Labounty 1	Solar	0.0929	2.200	
The Wilder One	Solar	0.0950	2.200	
NEER DG - Halladay 2	Solar	0.0953	2.200	
Andover Lamson	Solar	0.0979	2.200	
Tunbridge Belknap	Solar	0.0984	2.200	
NEER DG - Halladay 1	Solar	0.0990	2.200	37.400
Total				40.880



III. AWARD GROUP RECOMMENDATIONS

The following award group recommendations are made in accordance with RFP Section 3: Proposal Evaluation (1) mandatory requirements (2) assessment criteria and (3) proposal selection.

Provider Block

The Provider Block is capacity reserved for proposals by Vermont retail electric utilities.³ The Provider Block available capacity is 2.480 MW. No Provider Block proposals were received. The 2.480 MW unbid Provider Block capacity will be allocated to the 2022 annual capacity increase, in accordance with RFP Section 3.2.1.

Provider Block Award Group

Available Capacity – 2.480 MW ♦ Awarded Capacity – 0.000 MW

Developer Block – Technology Diversity

The Developer Block is capacity reserved for proposals by private developers.⁴ The Developer Block includes the Price Competitive and Technology Diversity Blocks. The Technology Diversity Block has capacity set-asides of 1.2994 each for biomass, small wind, large wind, food waste anaerobic digestion, and new hydroelectric projects.

Beginning with the Technology Diversity Block, the available capacity is 6.497 MW. Six proposals were received totaling 3.480 MW. All six proposals satisfy the mandatory requirements outlined in RFP Section 3.1. Therefore, we recommend all six proposals for the Technology Diversity Block award group. The table below lists the recommended projects.

Technology Diversity Block Award Group

Available Capacity – 6.497 MW ♦ Awarded Capacity – 3.480 MW

Project Name	Technology	Capacity (MW)	Total (MW)
Quarterline Wind	Small Wind	0.030	
Howrigan Wind Farm II	Small Wind	0.050	
Prevailing Wind Farm A	Small Wind	0.100	
Prevailing Wind Farm B	Small Wind	0.100	
Grandpa's Knob Community Wind	Large Wind	1.500	
Harriman Reservoir Minimum Flow	New Hydro	1.700	3.480

³ 30 V.S.A. § 8005a(c)(1)(B).

⁴ 30 V.S.A. § 8005a(c)(1)(B).



Of the 6.497 MW available capacity, only 3.480 MW was awarded. The following table illustrates how the remaining unused capacity is calculated.

Technology Diversity Block Unused Capacity Calculation			
Technology	Available Capacity (MW)	Awarded Capacity (MW)	Unused Capacity (MW)
Biomass	1.2994	0	1.2994
Small Wind	1.2994	0.280	1.0194
Large Wind	1.2994	1.500	-0.2006
Food Waste	1.2994	0	1.2994
New Hydroelectric	1.2994	1.700	-0.4006
Total	6.497	3.480	3.017

The Prevailing Wind Farm A proposal omitted the project's nameplate capacity on page one of the 2021 Standard Offer RFP Application. The RFP permits the Standard Offer Facilitator to overlook minor deficiencies, with notice to the Commission (RFP Section 4.3). The capacity omission was disregarded as a minor deficiency, pursuant to RFP Section 4.3, since the proposal complies in all material respects with the requirements of the RFP. Additionally, the nameplate capacity is identified elsewhere in the proposal and is calculable from the \$1,000 proposal security (\$10/kW). The omission did not preclude evaluation of the proposal for consideration in the award group.

Developer Block – Price Competitive

Turning to the Price Competitive Block, any unused capacity from the Technology Diversity Block must be allocated to the Price Competitive Block.⁵ Adding the unused capacity of 3.017 MW (see table above) to the initial 3.423 MW Price Competitive Block available capacity, brings the adjusted available capacity up to 6.440 MW.

Seventeen Price Competitive proposals were received totaling 37.400 MW. We recommend three proposals totaling 6.600 MW for the Price Competitive Block award group.⁶ The three proposals satisfy the mandatory requirements outlined in RFP Section 3.1 and are the lowest priced, as required in RFP Section 3.2.1. The table below lists the recommended projects.

⁵ *State of Vermont Request for Proposals for the Standard-Offer Program*, Section 3.2.1, Page 10, May 24, 2021.

⁶ The 6.600 MW recommendation exceeds the 6.440 MW adjusted available capacity in accordance with Section 3.2.1: Selection of Award Group, which states: "Once the annual capacity cap is approached but not exceeded, the proposal that would cause the size of the award group to exceed the annual capacity cap by no more than 2.2 MW **will** be included in the award group." *State of Vermont Request for Proposals for the Standard-Offer Program*, Section 3.2.1, Page 10, May 24, 2021.



Price Competitive Block Award Group

Available Capacity – 6.440 MW ♦ Awarded Capacity – 6.600 MW

Project Name	Technology	Capacity (MW)	Total (MW)
Olde Farmhouse Solar	Solar	2.200	
Boardman Hill Solar	Solar	2.200	
Halladay Solar ⁷	Solar	2.200	6.600

The remaining proposals were not included in the award group, because the annual capacity cap was filled with lower cost proposals.

IV. RESERVE GROUP RECOMMENDATIONS

We recommend three proposals totaling 6.600 MW for the reserve group, in accordance with RFP Section 3.2.2.⁸ The three proposals satisfy the mandatory requirements outlined in RFP Section 3.1 and are the next lowest priced proposals that were not recommended for the award group. The table below lists the recommended reserve group projects.

Reserve Group

Available Capacity – 6.600 MW ♦ Reserve Capacity – 6.600 MW

Project Name	Technology	Capacity (MW)	Total (MW)
Bullfrog Hollow Solar	Solar	2.200	
Midway Ave Solar	Solar	2.200	
Berlin Dog River Solar	Solar	2.200	6.600

⁷ The price tie between Halladay Solar, Bullfrog Hollow Solar, and Midway Avenue Solar was resolved in accordance with RFP Section 3.1.5.

⁸ “VEPP will then establish a reserve consisting of no more than 6.6 MW of proposals with the lowest prices that were not awarded standard-offer contracts.” *State of Vermont Request for Proposals for the Standard-Offer Program*, Section 3.2.2, Page 10, May 24, 2021.



V. 2021 STANDARD OFFER PROGRAM RFP RECOMMENDATIONS

Award & Reserve Group Recommendations Summary				
Project Name	Technology	Price (\$/kWh)	Capacity (MW)	Category Total (MW)
AWARD GROUP				
Technology Diversity Developer Block				
1. Quarterline Wind	Small Wind	0.2540	0.030	
2. Howrigan Wind Farm II	Small Wind	0.2580	0.050	
3. Prevailing Wind Farm A	Small Wind	0.2580	0.100	
4. Prevailing Wind Farm B	Small Wind	0.2580	0.100	
5. Grandpa's Knob Community Wind	Large Wind	0.1160	1.500	
6. Harriman Reservoir Minimum Flow	New Hydro	0.1299	1.700	3.480
Price Competitive Developer Block				
1. Olde Farmhouse Solar	Solar	0.0848	2.200	
2. Boardman Hill Solar	Solar	0.0849	2.200	
3. Halladay Solar	Solar	0.0857	2.200	6.600
Total				10.080
RESERVE GROUP				
1. Bullfrog Hollow Solar	Solar	0.0857	2.200	
2. Midway Ave Solar	Solar	0.0857	2.200	
3. Berlin Dog River Solar	Solar	0.0858	2.200	6.600

Best regards,

VEPP Inc.

Carolyn Alderman

Carolyn M.X. Alderman, Esq.
Executive Director