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Vouchers to Enable Laboratory and Organizational Collaboration for Innovation and Technology Improvements (VELOCITI) Round 6 (Abstract)

CRADA #639 (PNNL #83854)

June 2024

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ReJoule, Incorporated

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Pacific Northwest National Laboratory
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Abstract

For the past several years, the National Renewable Energy Laboratory (NREL), Sandia National Laboratories (SNL), and Pacific Northwest National Laboratory (PNNL) have provided technical assistance to the recipients of Department of Energy (DOE) -funded voucher programs, namely American-Made Challenges (AMC), the Incubator Program, and the Small Business Vouchers Program. Drawing on lessons learned and from first-hand experiences, NREL is leading a new holistic and streamlined voucher program aimed at strengthening ties between American innovators and the national labs. This new program, “Vouchers to Enable Laboratory and Organizational Collaboration for Innovation and Technology Improvements,” or VELOCITI, will leverage the successful elements of past programs, create administrative efficiencies, and enable the buildout of a national program to drive strong relationships between entrepreneurs and the national labs to accelerate the roll-out of new technologies in the US solar sector. This work will develop a comprehensive techno-economic assessment to understand the potential of repurposed batteries to achieve the DOE’s target of 5 cents per kWh Levelized Cost of Storage (LCOS), thereby facilitating the more affordable and widespread adoption of solar energy.

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