



County of Los Alamos

Los Alamos, NM 87544
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Council Meeting Staff Report

October 21, 2020

Agenda No.:	7.A
Indexes (Council Goals):	DPU FY26 - 5.0 Continuously, Conscientiously, Work Toward Environmental Sustainability, DPU FY26 - 6.0 Develop and Strengthen Partnerships
Presenters:	Philo Shelton
Legislative File:	13462-20

Title

Request for Support on a Grant Application by Mr. Richard Nebel, with Tibbar Plasma Technologies, Inc.

Recommended Action

I move that the Board of Public Utilities direct the Utilities Manager to write a letter of support for Tibbar Plasma Technologies, Inc. grant application prepared by Mr. Richard Nebel and if awarded the grant, support the preparation of an equipment lease for \$1 per year for use of the two Nissan Leaf Batteries and equipment remaining from the Smart House as an in-kind support for this project.

Staff Recommendation

Staff recommends that the Board approve as presented.

Body

Mr. Richard Nebel approached Staff regarding his proposal for homeowners to utilize the energy stored in their electric car during peak electric periods and charge their car during off peak periods. Time of use rates that are proposed once AMI is implemented would incentivize the use of non-peak power and shed peak power load demands. This pilot project will demonstrate a new technology and the County can support the data collection and time of use rates through existing net metering and AMI infrastructure. This grant opportunity is through the State of New Mexico's Energy Transition Act Grant program. Mr. Nebel is requesting a letter of support that details our partnership as described above and in-kind support with the lease of the two Nissan Leaf Batteries and equipment remaining from the Smart House for \$1/year to help test and demonstrate this new technology. The grant application is due October 31, 2020.

Alternatives

Do not support this grant application and local partnership.

Fiscal and Staff Impact

This pilot program may assist DPU in establishing and recommending a time of use rate structure. There will be some staff time collecting and analyzing the AMI data collected.

Attachments

- A - Draft Grant Application
- B - PowerPoint Presentation