

Technical Assistance Request

EcoBalance Technologies Solar PV Greenhouse (SPVG) product represents an opportunity to transition carbon-intensive agricultural models to ones that embrace dual-land use strategies through crop and energy production. As part of our application, we are requesting help from the American-Made network and DOE laboratories in this Ready! Round in the following areas:

- Structural engineering
 - Material comparison, load testing, and cost analysis between galvanized steel and anodized aluminum
- Databases outlining regional rules for building/solar structure permits, zoning rules and soil/geology composition to conform SPVG with regional soil, wind, and seismic conditions
- Legal support with regional differences in permitting and applications of agrivoltaic structures
- Code-related consulting (IBC, IFB, IEC, NFPA, UBC)
- Third-party certification of structure components and UL listing