



## **Technical Assistance Request (2 pages PDF, including images, Will Be Made Public)**

In the Set! Phase, the project team would use the \$75,000 in vouchers with a national laboratory, likely Argonne National Laboratory (ANL), to develop a model for forecasting the lifespan of SLBs beyond the cycle-life data that can be collected during the relatively short Go! phase. Haylon Technologies has previously partnered with ANL on DOE work and knows that the laboratory has the capabilities to accomplish the work proposed, however, the project team is open to various national lab partners.

The project team would be interested in continuing to work with this partner through vouchers and beyond. An additional use of the credits may be to leverage techniques developed to more accurately assess state-of-health in SLB systems. In the Go! Phase, Haylon would likely share funds awarded with this national lab to continue the partnership and project results based on the actual data collected to supplement those predicted by a model.

Haylon Technologies is open to collaborate with battery energy storage system integrators in the America-Made network that would also like to pilot the proposed battery management technology on second-life cells. The key constraint will be what chemistry and form-factor these partners use. Likely 12S-16S modules LFP will be needed in the short-term.