



Executive Summary



iSun's® solar charging carport energy system, assisted by the proposed Artificial Intelligence code that we wish to develop, will help assure EV charging, even when the grid is down or unavailable, with a certainty of available power never delivered before. We are proud to count Navia Energy, an AI code generator, and NRI, America's most experienced battery systems provider, as part of our team. With this submission, we aim to be::

1. **Off**-setting the environmental impact and cost of EV fleet charging using distributed solar energy rather than the grid with back up battery systems and smart charging protocols;
2. **P**roviding essential infrastructure for a region's growing EV fleets (public or private);
3. **P**roviding a source of back-up power for emergency situations;
4. **C**reating smart systems able to provide 100% uptime for EV charging..