

Glass Quality Tester Proposal

- **Problem**: Rising occurrence of spontaneous PV module glass breakage, particularly in regions prone to extreme weather.
- **Solution**: A diagnostic tool (GQT) that predicts glass breakage using frequency-based excitation and signal analysis.
- **Benefits**: Detects glass defects early, improves reliability, reduces financial losses due to unexpected breakages.
- **Team**: Beryl Weinshenker, Presco Engineering, Tau Science, and machine learning expert Steve Wittenberg.
- **Timeline**: Initial testing by March 2025, expanded development by August 2025, commercialization within 3-5 years.