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Modeling Tools RFC in the subject line

Hello, My name is Michael Carroll I am the CEO of a local business call HeliosAltas Corp. located in Roseville, CA. We produce a distributed hydroelectric Renewable Energy technology that is designed to be installed in existing in conduit pathways, such as canals, dam tail races, waste water treatment plants and unpowered dams. Installations in these locations will have the lowest environmental footprint as we are adding to existing infrastructure. There is in excess of 500 MW of power that can be produced from these resources. They operate from 6 to 8 months out of the year from Spring through to Fall when power demand is highest. They produce reliable constant power 24 hours per day over this period. This type of power has a stabilizing effect on the grid. Installations for individual units would be from 500 watts up 50 kW. These units would be put in series to produce up to 10 MW in individual systems. The larger systems can be managed by raising and lowering units so that load following would be possible to help manage the duck curve effect. We believe that this would be of great value to the California grid and should be evaluated for the Modeling.