

# Mechanical Engineer

## The Company

Hydro Green Energy, LLC is a for profit renewable energy project developer and integrator that designs, builds, and operates kinetic hydro power projects that generate electricity exclusively from moving water (river currents, tidal currents, and ocean currents) without having to construct dams, impoundments, conduits, or other infrastructure projects.

Our headquarters are in Houston, TX. For more information, visit our website at [www.hgenergy.com](http://www.hgenergy.com)

## The Position

Hydro Green Energy, LLC, based in Houston, TX, has an immediate opening for a BSME to design components for hydrokinetic turbine arrays and related equipment.

### Specific job responsibilities include:

- Design components using calculations to verify designs. Components may include turbine runners, discharge rings, shaft, bearings, wicket gates, wicket gate mechanism/bushings, headcover/bottom ring, stay vanes, distributor/stay rings, draft tube liners and turbine inlets.
- Provide technical support to project management, proposal engineering, and job sites.
- Resolve technical issues related to projects.
- Assist Purchasing in reviewing quotes and purchase orders for completeness.

## The Qualified Candidate

We seek an open-minded, self-motivated individual with excellent problem-solving skills. A BSME and 1 – 3 years of mechanical design experience is required. Experience designing large rotation equipment is a plus.

## Salary Benefits

Salary commensurate with experience. In addition to competitive pay, stock options and bonus programs. Hydro Green Energy, LLC offers comprehensive benefits including medical, dental, vision, 401k, paid vacation & holidays and opportunities in advancement.

Hydro Green Energy, LLC offers a drug free, smoke free workplace and is an Equal Opportunity Employer