



the new green

[www.recycled-energy.com](http://www.recycled-energy.com)

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**POSITION:** Project Developer

**REPORTS TO:** SVP of Business Development

**SALARY:** Competitive salary, including eligibility for incentive compensation of up to up to 10% of base salary based on corporate financial performance and individual goal achievement and long-term incentive pool share of business results per conventional private equity approach.

**SUMMARY:** Recycled Energy Development (RED) is a privately owned energy company committed to reducing industrial energy consumption. **RED's mission is to profitably reduce greenhouse gas emissions through the development and operation of industrial energy recycling plants.**

The Project Developer will be responsible for the techno-economic assessment of project leads. This will require the identification and assessment of recycled energy opportunities at industrial sites. The Project Developer must understand process systems as they relate to energy systems and have the capability to quickly and accurately optimize industrial energy systems. Job requires both high level first pass engineering designs and support of detail engineering when/as appropriate. The individual will interface closely with development, legal, and financial staff.

**DUTIES AND RESPONSIBILITIES:**

- Build and stress thermodynamic and financial models of industrial facilities, with multiple options for energy recycling technologies and configurations, including but not limited to:
  - Heat recovery systems
  - Multiple power generation technologies
  - Boilers, furnaces and other combustion devices
  - Preliminary capital budgeting and operating cost calculations
  - Basic financial analysis (payback, NPV, IRR)
- Quickly identify “fatal flaws” based on above to avoid digging dry wells, while simultaneously being sufficiently creative to capture values that others may miss.
- Work closely with other RED staff to assess impacts of changes in contract structure.
- Make presentations to RED Executive Committee to describe project economics and benefit to RED. The purpose of these meetings is to decide whether or not to provide funding to proceed on specific projects.
- Work closely with other technical, financial, environmental, and other outside engineering firms and vendors when required.
- Assist in technical assessment of due diligence of projects and commercialization of projects.

**POSITION REQUIREMENTS:**

- Bachelor's degree in chemical or mechanical engineering or related discipline.
- 5+ years post-graduate work experience (post-graduate education will be counted towards this requirement, but at least 2 years of professional experience are required.)
- Working familiarity with industrial plants and thermal processes
- Passion for energy efficiency

- Superior computer skills, including spreadsheet-modeling.
- Technical and commercial savvy
- Ability to work well in teams
- Good oral and written communication skills
- Residence in Chicago area required (relocation packages available)
- Approx 30% domestic travel required