

**Project Information Form**

Project Title	Renewable Natural Gas (RNG) Potential Evaluation
University	University of California, Riverside
Principal Investigator	Arun S.K. Raju
PI Contact Information	Phone: 951-781-5686 Email: arun@engr.ucr.edu
Funding Source(s) and Amounts Provided (by each agency or organization)	South Coast Air Quality Management District (SCAQMD) - \$100,000 Southern California Gas Company - \$100,000
Total Project Cost	\$200,000
Agency ID or Contract Number	
Start and End Dates	June 1, 2016 through October 31, 2017
Brief Description of Research Project	<p>The goal of this project is to evaluate the practical Renewable Natural Gas (RNG) potential in California, key RNG production technology components and choices, benefits, and cost and barriers. A design basis for RNG demonstration plants to be built during a follow-up Phase II project will be identified and developed. The tasks are:</p> <ol style="list-style-type: none"> <li>1. RNG potential evaluation</li> <li>2. Techno-economic evaluation of high viability RNG production projects</li> <li>3. Develop design basis for demonstration plants for key technologies and a commercialization roadmap</li> <li>4. Education &amp; outreach</li> </ol>
Describe Implementation of Research Outcomes (or why not implemented)  (Attach Any Photos)	<p>Final report</p> <p>Conference paper</p> <p>Journal article</p>
Impacts/Benefits of Implementation (actual, not	



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anticipated)	
Web Links <ul style="list-style-type: none"><li>• Reports</li><li>• Project website</li></ul>	<a href="http://ncst.ucdavis.edu/project/renewable-natural-gas-rng-potential-evaluation/">ncst.ucdavis.edu/project/renewable-natural-gas-rng-potential-evaluation/</a>