



our green commitment

Our Commitment to Alternative Energy & Eco-Friendly Projects

While the energy crises of recent years have perpetuated an accelerated development of alternative/clean infrastructure projects in the United States, Joseph E. Bonadiman & Associates, Inc. (JBA) has purposed to maintain an active involvement in alternative energy and eco-friendly technologies and projects for over three decades. These projects include:

- Principle Engineer for the first incinerator waste-heat-boiler combination to be used in Southern California that met all of the requirements of the Regional Air Pollution Control Board. The incinerator was able to take all of the waste, both infectious and non-infectious, from Saint Bernadine Medical Center, incinerate it, pass the gases through a waste heat boiler, and produce steam of sufficient quality to meet all of the hospital's requirements.
- Principle Engineer on cogeneration systems for Anaheim Memorial Hospital, Victor Valley Hospital, and Griswold's Inn (all in Southern California). These systems consisted of a natural gas-fired engine driving a generator to produce electricity. The heat from this engine was used to meet a portion of the facilities' hot water requirements.
- Principle Engineer for Zond Industries, a wind generation facility in the Banning Pass area of Riverside County, CA. The project consisted of the construction of approximately 120 windmills that were used to produce electricity that was sold directly to the Southern California Edison Company.
- Design Engineer for a hydrogenation system for the Sheep Creek Water Company in Southern California. The system was design to retrieve energy using hydrogenerators, as opposed to pressure reducers located in water transmission lines.
- Chief Engineer of Industrial Energy Systems, Inc. (original brochure shown above) a California Corporation involved in energy and energy-related fields.



Currently, JBA is providing professional engineering design, surveying/mapping, planning/feasibility, and Geographic Information System (GIS) services for multiple large-scale alternative energy projects in Southern California that have given us an intrinsic understanding of the needs of these types of projects from a land development standpoint. The following is a **partial list** of our firm's recent and current alternative energy and eco-friendly projects that demonstrate our firm commitment to the innovative, proactive technologies and projects that promise us a brighter, cleaner future.

Date	Project Overview	Project Location	Client
2008-Present	Various Large-Scale Alternative Energy Infrastructure Projects	Southern California	Various
2007-Present	Professional engineering design and planning services for a LEED-certified, partially solar-powered residential subdivision	Los Angeles, CA	Echo Echo, LLC
2005-Present	Professional engineering design services for the development of a large clean-energy bioprocessing facility	Colton, CA	Biosoils, Inc.
2008-Present	Feasibility Study for the construction of a new natural gas pipeline to power proposed desert irrigation facilities	Cadiz Valley, CA	Cadiz, Inc.
2008	Construction Management for the Grass Valley Recycled Water Project	Lake Arrowhead, CA	Lake Arrowhead Community Services District (LACSD)

