

Jaker Engineering, PC

Jaker Engineering, PC's key personnel have years of experience as consultants with the identification, application and development of electrical and mechanical systems for energy.

Jaker Engineering, PC works primarily in the energy field and is now focused on finding and developing privatized opportunities in energy. Our experience in the development of energy projects is expanding rapidly.

Jaker Engineering, PC also works **with some of the largest energy companies in the US** to develop onsite power generation projects. Jaker can quickly and accurately evaluate the potential for each opportunity in energy.

Jaker Engineering, PC is a professional firm with a team that prides itself in identifying all of the applicable technological, operational and economic issues for our clients. The Jaker Team performs "Engineering ... *with Energy!*"



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JAKER ENGINEERING, PC

Stranded Gas

New York State's Hidden Asset



**New York State Must Utilize
All of Our Natural Resources**

**Turning Under-Producing Gas Wells into
Useful Energy to Benefit New York.**

*JAKER is ...
Joining Alternative Kinetic Energy Resources*

The Problem

More than 50% of gas wells drilled yield production rates that are uneconomical for connection to a pipeline. These wells are not 'dry', yet many wells are simply abandoned when their yield is insufficient. Jaker Engineering, PC has recently developed a design process & business model that allows these "stranded" wells to produce revenue for the gas developer in the form of electrical power generation.



The Platform

A power platform designed by Jaker Engineering can be set up at these unproductive sites to generate electricity onsite for transmission on the grid. While their design uses proven equipment and technologies, it is the business concept that makes it successful. Approximately 300 MCF per megawatt, per day is required, in contrast to the several thousand MCF per day output required for pipeline connection.

The People

Jaker believes to have identified the necessary combination of participants for a successful project. "Each participant needed in the development of under-producing wells brings a strength to the project that is paramount for success" states founder of the Jaker companies, Jack (John P.) Perkins, PE. Jaker has also developed analytical software that can quickly assess the potential for economic return on each project.

The Payback

Projects, in the 1 Megawatt size range, have a payback of 3 to 4 years with a life of more than 10 years. With Jaker's approach, better than 70% of the investment can be recovered in the all too possible event that gas flow abruptly stops. This substantially reduces the capital at risk for investors. In most cases, each site pays for this loss in less than 12 months of continuous operation.



The Principal

Jaker Engineering, PC, a NYS Professional Corporation, works exclusively in electrical and mechanical energy systems, including development of privatized projects for the energy field. Jaker Engineering, in conjunction with Jaker Industries, Inc., provides the services required for identification, financial qualification and development of natural gas conversion with onsite power generation.

Jaker Industries, Inc., a separate company, has recently acquired contracts with several of the largest energy and technology companies in the industry to identify, qualify and develop privatized energy projects. Jaker's innovative method of business provides its Clients the opportunity to monetize stranded natural gas well sites which are not economical for pipeline development.