

INNOVATION A NEW SOURCE FOR GREEN ENERGY

Basic Concept of The Innovation

Introduction:

Normally natural gas comes from reserve base with pressure. That means, there is no power investment.

Why natural gas comes automatic?

By hydraulic fracking natural gas comes from various side sides of mining bed. As for example, it comes around 1 cubic kilometer. But its outlet way is only 5 inch diameter pipe. Automatically, it becomes come gain very high pressure like 1000 to 5000 psi.

Please see the table.

Table IV. Comparison between the two models results for KTL-04 well, Kailashtila gas field, Bangladesh.

Declined Reservoir Pressure, Psi(a)	Suggested Wellhead Pressure, psi(a)	Optimized Gas Production, mmscfd
3346.8	2000	19.637
3299.5	1500	24.198
3285.6	1300	25.469
3269.3	1000	26.922

You can see the data: **SUGGESTED WELLHEAD PRESSURE. (PSI)**

I am sending you an attached file.

750 psi is enough for purification of natural gas. So, we can use the excess pressure for making **100% green Energy**.

As for example:

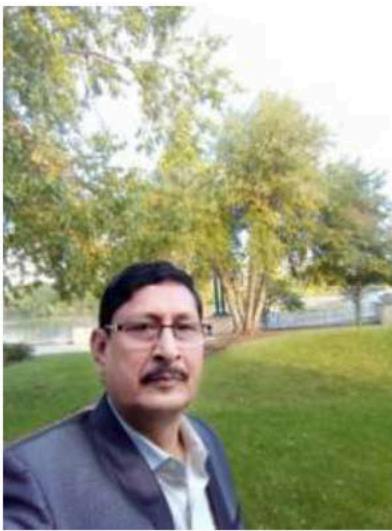
Take 1500 psi. For crude natural gas purification, we need 750 PSI. So, we have another $(1500 - 750) = 750$ psi, in our hand. By using a turbine with generator in a suitable place. That mean I want to use excess 750 psi to kinetic energy and kinetic to green electricity using a generator. That generator will be coupling with turbine shaft. That place will be in between wellhead of main gas well and crude gas refining factory.

MY BASIC THEORY:

It is based on $E=MC^2$

By using this excess pressure, we can able to make 2 MW electricity. It will be **100% GREEN ENERGY LIKE HYDRO ELECTRIC ENERGY**. It will be 24 hours running plant and no need of any battery like solar energy or windmill.

GREEN ENERGY FROM NATURAL GAS MINING PRESSURE



It is recent innovated a big source of Green Energy.

What is the basic theory of the project? This project is applicable for that natural gas mining field where natural gas comes out from bed of mining field with high pressure. Presently, it may be applicable in dry or lean gas. **Lean Gas** is a gas that contains mainly methane (typically over 95%) and ethane, and few higher fractions)

Without losing any natural gas, we can produce 2 - 5 MW electricity from one natural gas mining field. Detail in project papers.

Basic theory and calculation are same as compressed air to green energy.

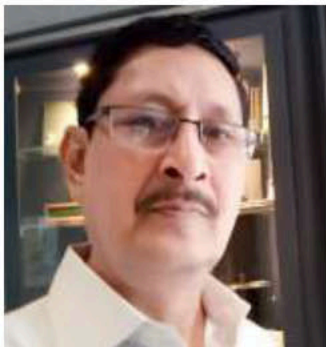
Pressurized natural gas to clean energy. There are two things:

1. Natural gas.
2. High pressure.

This high pressure is not remaining in all natural gas mining field. But in Bangladesh all natural gas mining fields are same. There are some different from one mining to another. There are around 29 natural gas mining field remain in Bangladesh including Bholla.

This project is applicable some countries those have high pressure dry natural gas mining field.

INNOVATOR OF THIS NEW SOURCE



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