



Energy Anywhere Anytime (DYNAMIT POWER)



Power generation employing gravitational & kinetic energy

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Our Team

(5 members)



M.C.DAVID B.Sc
Founder & CEO

**Govt. Contractor in
Railways, Estimator at
Qatar, Bahrain,
Amateur Scientist
having 7 patents
including US patent**



DAVIDSON D. M. Tech
Co Founder and
Managing Director

**Civil Structural
engineer with
M.Tech.
Worked as Project
manager at Qatar**

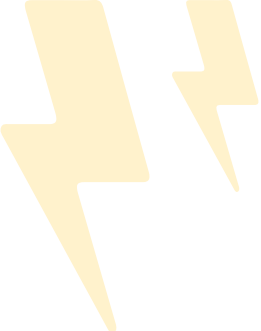


NITHIN MATHEW B. Com
Marketing Manager

**Worked at UAE
as accountant
and marketing
executive**



Dynamit Innovations
Everything possible..



Market Pain in Energy sector

More
demand

There is an urgent need in each country to produce more electricity to meet the ever-increasing demands .

Not available
all times

The present natural energy production methods are based on rain, wind, sun, tide etc. All these sources are not available in constant manner.

Danger to life

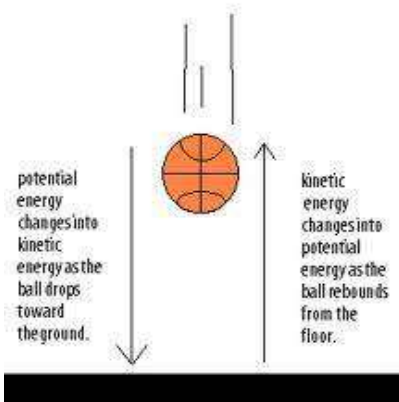
Hydro projects dams are real water bombs, at heavy rain the dam need to open otherwise the dam itself may burst out

Danger to
humanity

Developed countries, under pressure, are shutting down many of its nuclear plants

Innovation -Technology/Process Solution

Our patented invention is the process to convert potential gravitational energy to electrical energy



Awards
US patent
US8516812
Indian
Patent
No.316254

The Power production could be increased by increasing the height of falling point as well as the weight of the solid balls.
DYNAMIT POWER - POLLUTION FREE FUTURE ENERGY

An object while falling from a height the energy it produces equivalent to ' mgh ', where m is the mass, h is the height and g is the gravitational constant.

- The Apparatus consists of a tower fitted with an Archimedes Screw mechanism and a slanting pipe connected at the top end of the Screw system, to slide the solid balls towards the falling point.
- The falling ball hits on a mechanical platform and it extracts the force generated by the impact and transfer it to rotate the wheel. The balls then throwing out to the net and slide towards the bottom end of Screw system.
- The hitting force of ball allows a string to push downwards, which is connected to the rotatable Screw system. This force enables the Screw system to rotate and push up the ball entering the bottom of the Screw system and simultaneously push the top most ball to slide towards the slanting pipe.
- Once the process start the whole workings will continue without any break and hence electricity generates continuously.



Comparison of existing and proposed project

FEATUERES	DYNAMIT POWER	HYDRO POWER	SOLAR POWER	WIND ENERGY	TIDE ENERGY
IP Protection	Active US and Indian Patents	--	--	--	--
Energy source	Available any where at anytime	Only when water is in dam	Only when there is sun light	Only when there is wind	Only when there is tide
Production cost	Only initial cost. No recurring expense	Huge expense for initial construction	Maintenanc e and cleaning expense	Initial installation expense is high	Initial installation expense is high
Pollution and environment	POLLUTION FREE, Eco friendly	Water dams are real water bombs	Negative aspects under study	Not environment friendly	Not environment friendly
Location	It can install anywhere	Water storage area	At direct sun light area	At continuous wind supply	At continuous tides locations

Value proposition



Now Government of India has amended many Rules to speed up the renewable energy production. As per the new Rule renewable energy could be generated and distributed in private sector. So our new Power system could be easily implemented at India



R E capacity at India
Wind power - 39.44 GW
Solar power – 41.09 GW
Bio power – 10.34 GW
Small hydro – 4.79 GW
India's goal is 450 GW by 2030.
DYNAMIT POWER could help to reach this goal



For DYNAMIT POWER, there are no recurring expenses other than initial installation expense.
POLLUTION FREE.
Therefore DYNAMIT POWER will become the cheapest source of Renewable Energy in future.

Market

Business Type

DYNAMIT POWER business is dealing with B to Business and Business to Customer. Our market is Global..

Scalability

Dynamit Power system can be readily assembled or integrated. anywhere on the earth without the need for extensive and sophisticated infrastructure or expertise Dynamit Power is 100% green energy project



Market Size

The market is Global. Since we have US and Indian Patents we could pilot market initially at India and US. The unique selling point : there is no recurring expense for production.

Target Customers

The targeted customers are flat owners, house owners, small business owners etc. When we install at a high rise building side we could make use of the building height instead of tower and the lift with few extra fittings, could be used for raising ball instead of screw system.

Current development status of innovation

Completed 50%

Completed Construction of Tower 10m height

Ball sliding pipe, Ball hitting system

And wheel rotation mechanism part

TO COMPLETE (Period required is 12 months)

Archimedes Screw system for lifting balls

Re fabrication of tower and existing works,

Ball lifting system, Ball throwing mechanism,

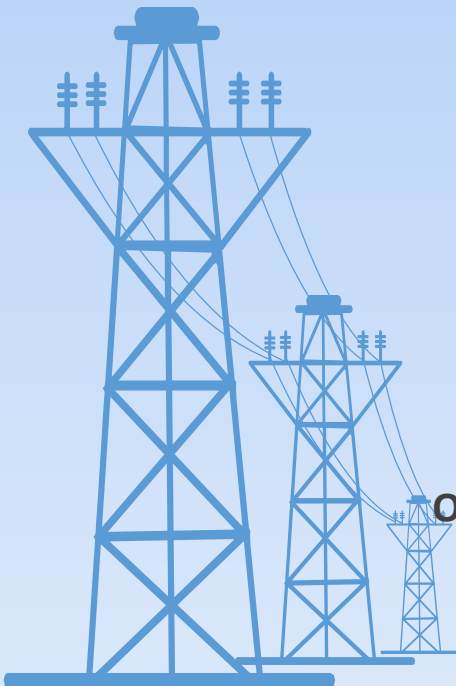
Wheel rotation all connection and fittings,

Energy production system, Testing etc

**Existing prototype pictures, developed for buoyancy method,
are given in slide No.10**

OBJECTIVE OF PROTOTYPE MAKING

**To commercialize the product at
India, US and other countries.**



PROPOSED PLAN AND TIME LINE



0 - 3

1 - 5

5 - 9

9 - 12

20%

R & D, Outsourcing
Out sourcing
charges for R&D ,
Engineering
Consultancy,
Testing Expert
cost

40%

Raw material
Raw material,
Consumables,
Spares

30%

Fabrication
Fabrication
charges of
working
model/process

10%

Travel. Contingency
Business travel,
Event
participation fee,
Contingency

PROTOTYPE COMPLETED AS PER PREVIOUS IDEA - BUOYANCY TO RAISE BALLS



DYNAMIT POWER -- TOWER



DYNAMIT POWER -- BALL HITTING SYSTEM





LINKS

Publication in Times of India

<https://drive.google.com/file/d/1DILCPih7-MMgW89pIECmXm1WtjsHDcr7/view?usp=sharing>

Publication in Hindu

<http://www.thehindu.com/todays-paper/tp-national/gulf-returnee-gets-us-patent/article5169649.ece>

Publication in NDTV

<http://www.ndtv.com/article/south/kerala-man-gets-us-patent-for-device-that-generates-power-anywhere-anytime-422921>

Asianet TV interview

https://youtu.be/E_6YpkiUUpM

Kairaly Tv Episode, Veritta kazhchakal

https://youtube.be/5TSYePmVP_I



Thank You