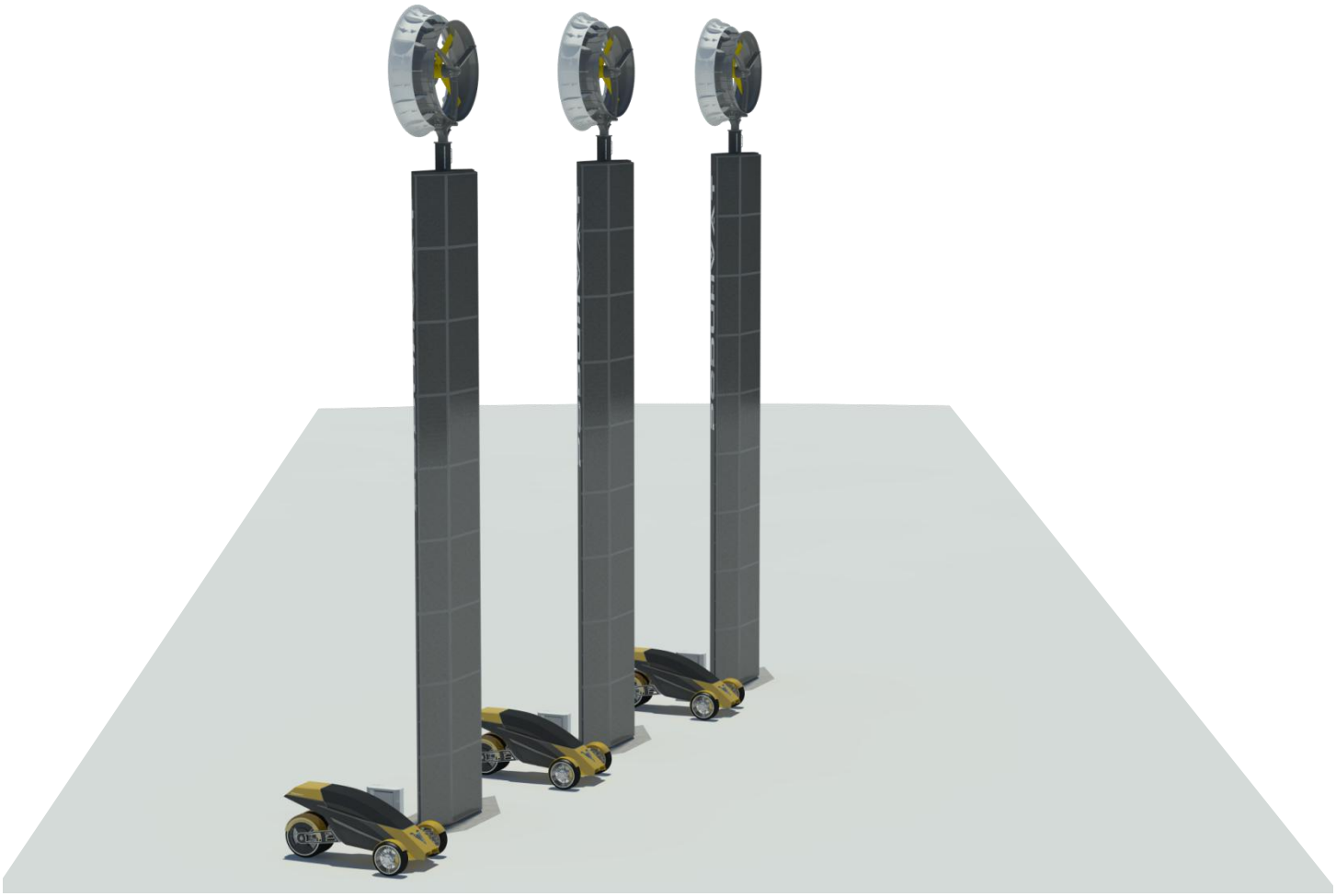

V E T R O L I T

Production, Storage and Distribution of Energy

BY

PODUHVAT

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VETROLIT is a unique triple device. Wind, solar and power storage all in one. It is the ultimate solution of for renewable industry. This unique system offers you unprecedented energy security in any geography and in all climates and weather patterns.
With up to 1000 kWh of power storage it is a genuine little power plant that is more than enough for any household but more importantly it can be used as a one of a kind Small and Medium Enterprise powers source.

It is especially useful for hotels, data centers, and electric charger stations and even advertising as it can offer a large electric power storage capacity.

While traditional battery systems can give you some savings in different tariffs systems VETROLIT almost completely frees you form any expenses in terms of electric grid power purchases. When there is a good wind and a sunny day it will supply you with power. When there is no el. power consumption VETROLIT charges the battery system so that stored el. power can be used later in times when there is no wind or sun.

The total production power of individual VETROLIT is 27 kV, of which 15 kV is wind turbine and 12 kV is PV. It consists of three main units:

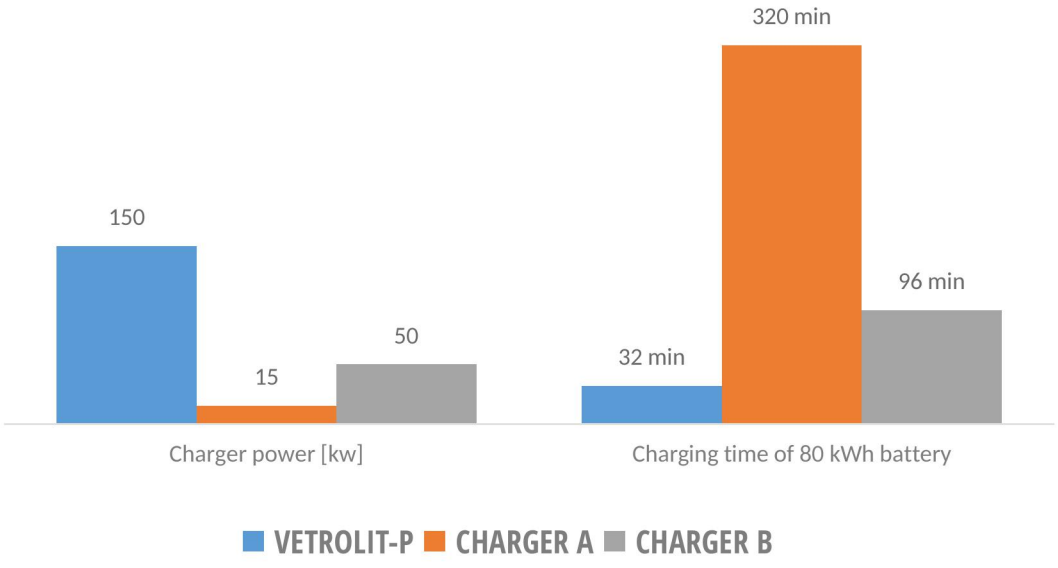
- VETAR a new generation of wind turbines
- PV panels
- Energy storage

√ and an electric charger in the variant of the station for replenishing electric vehicles with energy.

Bearing in mind that most EV charging stations in the world have a maximum power of up to 50 kV, we have developed a VETROLIT-P system with a 150 kV charger which allows 3 to 10 times faster charging of electric cars compared to conventional electric power stations.

VETROLIT can, depending on the frequency of use and the geographical location where it is located, fully generate all the energy consumed.
In this way user receives significant savings as well as true self-sustainability and significant reduction of greenhouse gas emissions.

No other EV charging system offer this possibilities.



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VETROLIT-P

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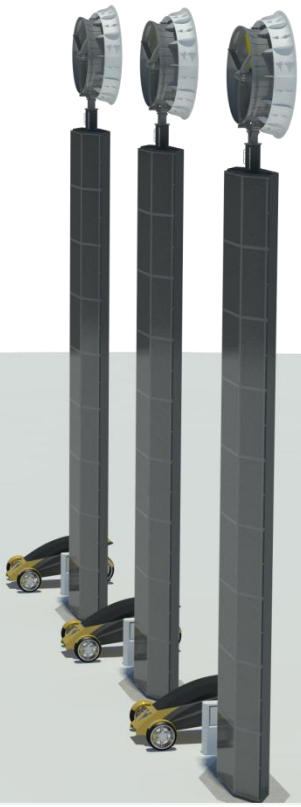

PER UNIT

- √ 27 kW production power
- √ VETAR wind turbines of 15 kW
- √ Solar panels of 12 kW
- √ ≤1 MWh energy store
- √ 150 kW EV charger

VETROLIT-P

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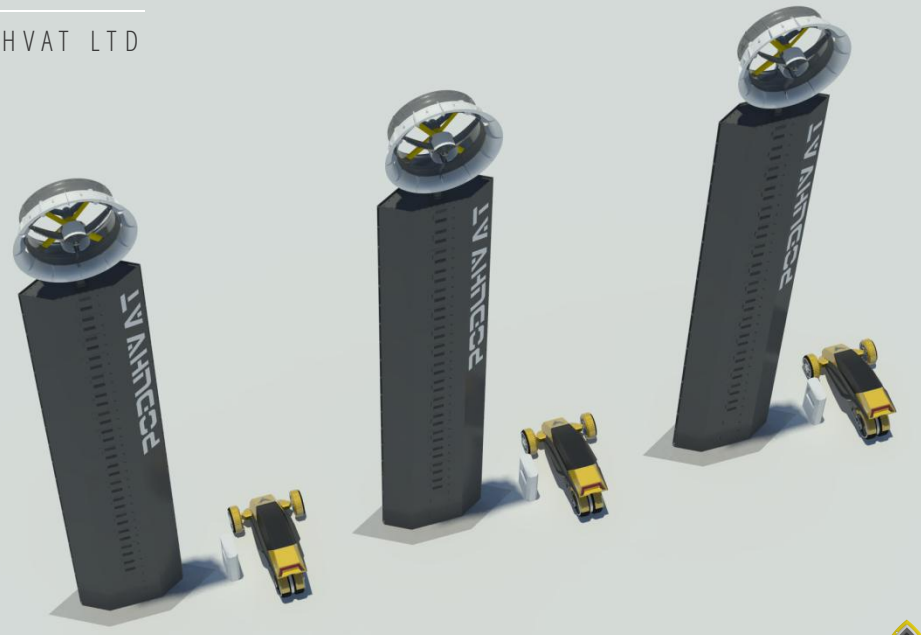

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