

Setting up energy cooperatives in Croatia and Project CITIZENERGY

Sifnos, Greece, September 9th, 2014

Energy cooperatives project

- Organized 15 seminars across Croatia, developed web site, Manual on setting up energy coops;
- International conference „100% renewable energy on islands” in cooperation with REScoop project;
- As a result, in 2013, ten energy coops started in Croatia
- All energy coops are in early stage, and new financing opportunities are needed to help make them stronger
- Focus of cooperatives: biomass, PV, electro mobility, biogas, wind, energy efficiency in buildings...

Energetske zadruga

Zajedničko ulaganje u održivu budućnost

POČETNA

ZADRUGE

NOVOSTI

POLITIKA



Što su energetske zadruga?

Energetske zadruga su udruženja lokalnih aktera (pojedina, kompanija, javnih ustanova, lokalnih samouprava itd.) koji zajedno razvijaju projekte obnovljivih izvora energije. Zajedničkim ulaganjem smanjuje se rizik investicije i dijeli se dobit od projekta.

Energetske zadruga promiču demokratski način odlučivanja o energetskim pitanjima. Cilj takvih zadruga je promovirati obnovljive izvore energije u vlasništvu lokalnih zajednica.



ULAGANJE U ODRŽIVI RAZVOJ

Obnovljivi izvori energije kao



LAG Vallis Colapis

DOOR

energetska zadruga

Rebco Energo

A.Z.A.

Clean Solar Energy

www.ZelenaEnergija.com

CEDRA

ZELENA AKCIJA

UNDP

HEINRICH BÖLL STIFTUNG HRVATSKA

UNDP

ENERGETSKE ZADRUGE



Energetske zadruga

★★★★☆ (7 ratings)

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Energy/Utility

Službena web stranica projekta "Osnivanje energetskih zadruga u Hrvatskoj"

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New environment for energy cooperatives

- Lack of subsidies for renewables
- Except in Western Europe, energy cooperatives not recognized from Government level as opposed to big investors
- Often good ideas lacks financing
- Barriers for RES support: quottas, new taxes
- At the same time, renewable energy is getting cheaper and cheaper

Three options to explore

- Crowdfunding – getting money from many sources
- Net metering – the price of electricity from PV is already competitive to the price of electricity from the grid
- Energy cooperative as energy supplier



Crowdfunding for the school in Croatia




SUNČANI KONCERT

ZA ENERGETSKI NEOVISNU O.Š. OSTROG

17.1. 20H

GRADSKA DVORANA U KAŠTEL STAROM

TBF | ROKOLOMOTIVA | ULTIMATUM

JUSTIN'S JOHNSON | MJESNI ODBOR

indiegogo

WWW.INDIEGOGO.COM/PROJECTS/ENERGY-INDEPENDENT-SCHOOL

adriaticket

30 KN

Ribola

QR CODE



Crowdfunding for the school in Croatia



Collected:

- 10,000 USD from crowdfunding on Indiegogo
- Additional 25,000 USD crowdfunding directly
- Additional 45,000 USD from local authorities
- Expected additional 30,000 USD from Environmental Fund



citizenenergy



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**european citizens
for renewables**

visit us on
citizenenergy.eu

Project CITIZENERGY summary

Development of an online platform to serve as EU-wide marketplace for citizen investment in RES projects

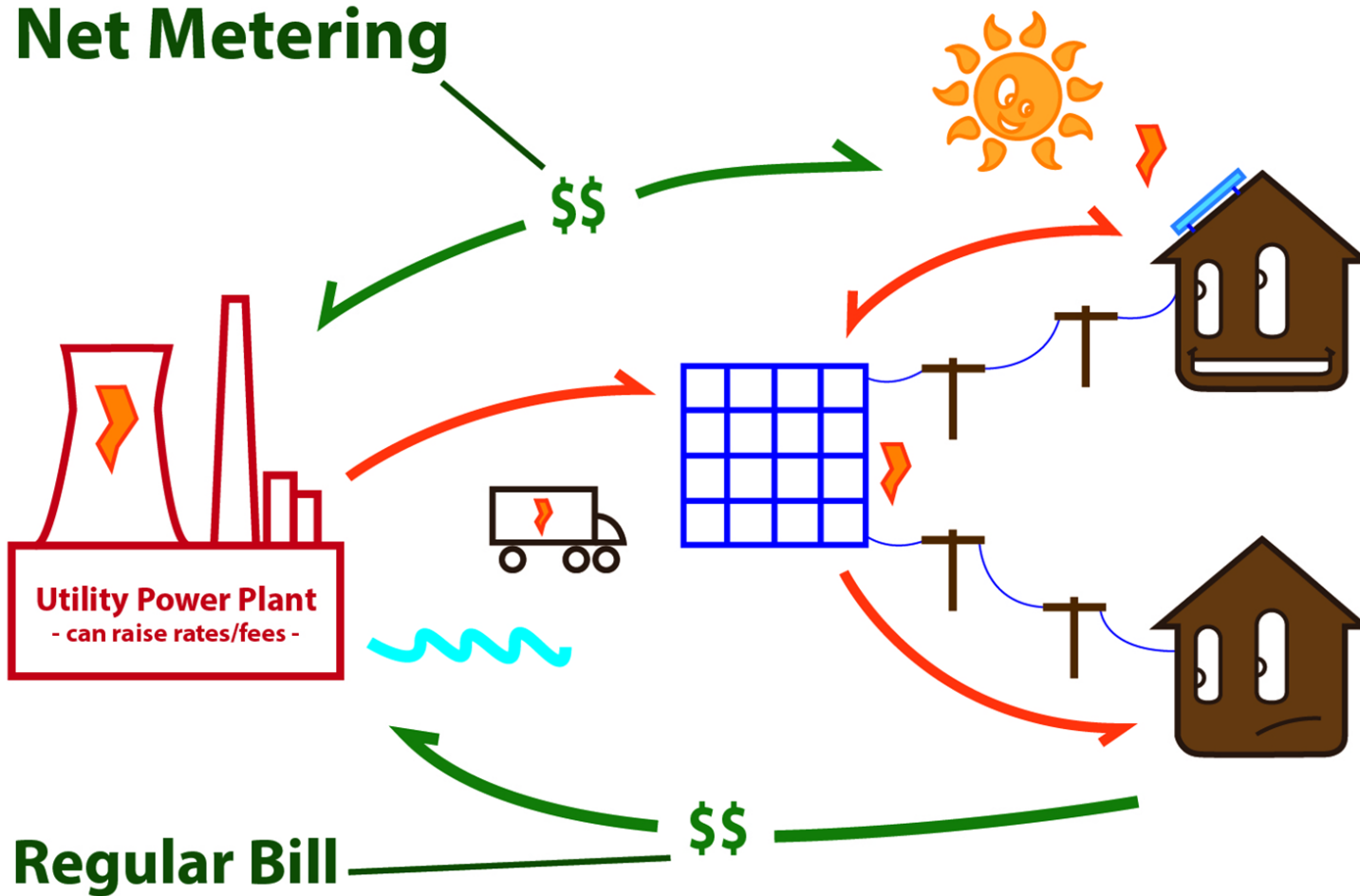
- CITIZENERGY is a project that builds on know-how developed within the EU to implement citizen renewable energy projects
- CITIZENERGY will:
 - ✓ promote synergies between projects
 - ✓ identify barriers to citizen investment
 - ✓ promote the European transfer of main business models
 - ✓ match citizen investors with new RES projects in Europe

Project CITIZENERGY target

- Example: energy cooperative has 10% of the money for investments
- Puts its project on CITIZENERGY platform and collects other financing
- The CITIZENERGY platform is expected to raise 14.6 million euros by 2017, representing 6,000 citizen investments from 10 European Member States

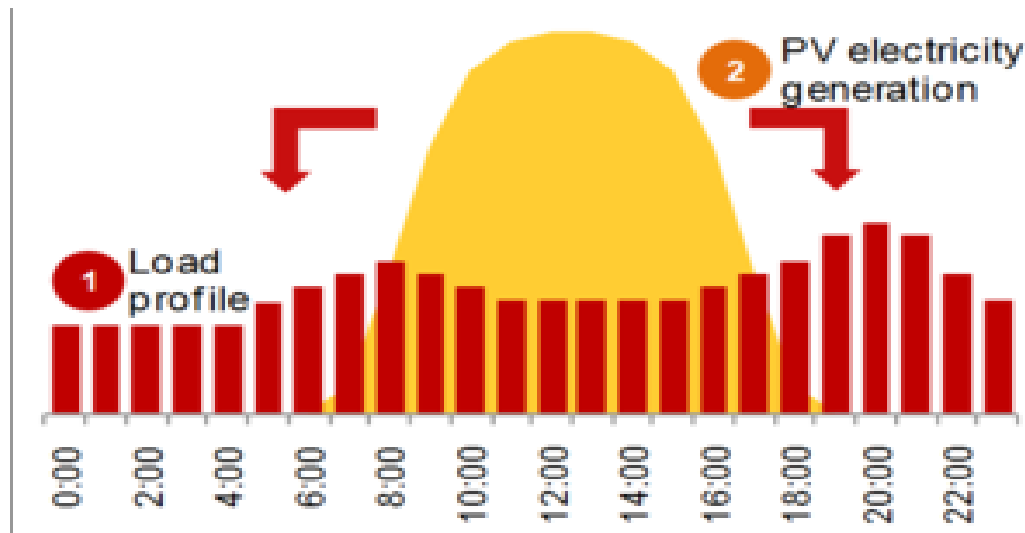
Net metering

Net Metering



Net metering

- Example: 1 kWh from the grid in Croatia costs the same amount as 1 kWh from own solar system
- The only needed thing is energy supplier that would agree to buy from the customer at the same price at which it sells
- So the net metering is consumption minus production!



Energy cooperative as energy supplier



- There are good experiences with energy cooperatives becoming suppliers (Western Europe)
- Like this, it is possible to ensure RES is built, and sold to cooperative members
- Could be managed on a small scale – providing energy at the same costs to the customers, but also being co-owned by the customers



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Thank you!

Expecting questions now and later?

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