



NEWSLETTER #8 CVPP PROJECT (DPL NEWSLETTER #3)

The virtual power plant starts and with a new name...

Although we mainly want to look ahead in a new year, we start this newsletter with a retrospective of two successful meetings of the cVPP project. These took place on the 2nd and 10th December in De Bruisbeek. We were able to look forward to a large turnout on both evenings: a total of around 80 people from Loenen were present. Among other things, they received an clarification from ICT Netherland about the Energy Management System (EMS) and an update on the how and why of this innovation project by Qirion.

In addition, a new, easier and more suitable name for the cVPP project was announced: **DE-centrale Loenen**. The "DE" here stands for Duurzame Energie (Renewable Energy in Dutch) and for "the" (de in Dutch) power plant of the people of Loenen".

Of course there were still some questions we needed to answer. For those who still have questions, please have a look at our website www.duurzaamloenen.nl under Frequently Asked Questions (FAQ). If your question is not listed here, please send it to us via vraagdecentrale@duurzaamloenen.nl.

After completing the two meetings, we can report that we are very satisfied with no less than 54 registrations for **DE-centrale**. These participants have all signed the participant agreement and received an EARN-E and are included in the "community" of this innovative project.

Next step will be the controlling solar PV, heat pumps and charging stations.

On Monday 27th January a meeting for new interested parties will take place.

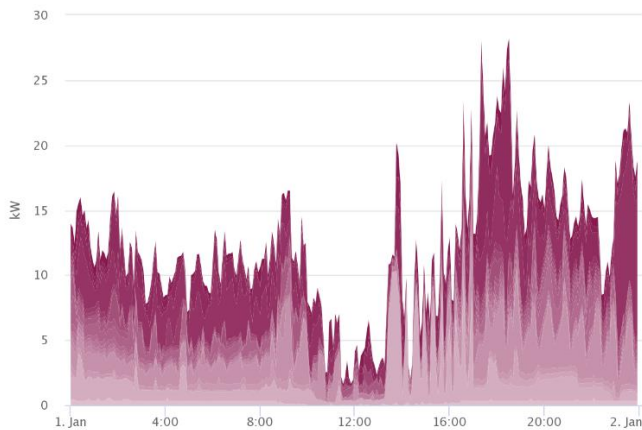
Please register your participation on vraagdecentrale@duurzaamloenen.nl mentioning the number of persons attending.



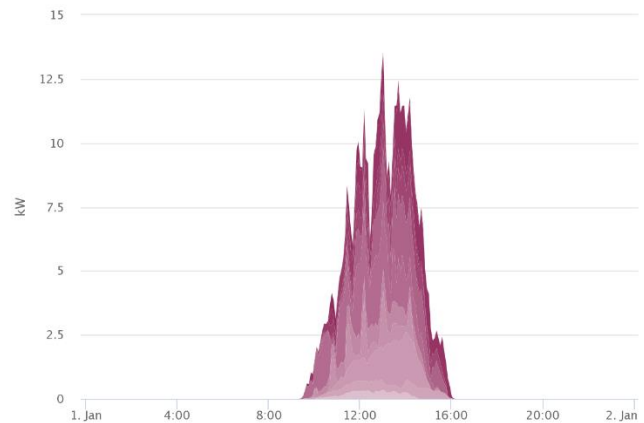


Some figures on aggregated level of the currently active participants:

Verbruik:



Opwek na saldering:



Here we see that the active participants of the **de-centrale** already generate more than they consume around noon.

Open points installation EARN-E

As this project progresses, things will emerge that do not work properly (yet). This is frustrating and we want to avoid it as much as possible, but it is also a bit inevitable in an innovation trajectory. In order to help the participants as much as possible, we have set up a 1st line helpdesk. In case you need help, therefore, please let us know via vraagdecentrale@duurzaamloenen.nl.

Below the already known open points:

The app

The app is currently only intended for installation. After that, you will need to login to the EnergyNext **website (link needed)** with the username and password you created. Following this, you will also find similar figures on the dashboard.



Apple app

Apple places high demands on the functionality of an app. For them, the current functionality of the sign-on app is insufficient. ICT Automatisering is working hard to expand the functionality of the app, but this will take some weeks. If you can borrow an Android device for activation, then that is also sufficient. We are also looking into the possibility of having the 1st line helpdesk assist for individual cases.

Splitter

If you have a charging station for an electric car or heat pump, the P1 port may already be in use. In that case, you cannot connect the EARN-E directly into this port, but you will need a so-called splitter. In that case please send an e-mail to vraagdecentrale@duurzaamloenen.nl with "Splitter" in the subject line, so that we can arrange for you to receive one.

Smart meters

On the website www.duurzaamloenen.nl is an overview of all common types of smart meters, with an indication of where the P1 gate is located. This is where the EARN-E should be connected. For the participants who have indicated that they do not have a smart meter, but would like to participate, we are working on a joint tender for the installation of a smart meter. After this joint tender, Liander will contact you for the installation of the smart meter.

First line assistance

The 1st line can help you if you can't get out. The group consists of 14 volunteers from Loenen. Of course we try to learn from the problems and take them with us in the future for new participants and performances of the EARN-E and the software.

The coming period

In the coming weeks, ICT Automatisering will work on the drivers for connecting the PV inverters, heat pumps and charging stations to the EMS. You may be contacted for further information about your equipment. After that, the equipment will be connected and we will work towards the final control model. More on this later on, during a next meeting or newsletter. In addition, we will also work on recruiting the intended total of 100 participants. You can help us with this and refer interested parties to report to the above mentioned e-mail address.



Energy Cooperative Loans (ECL)

The Energy Cooperative Loenen U.A. held its first well attended General Meeting with its members in December. By now ECL already has almost 80 members, therefore progressing nicely. On 22nd January another General Meeting is planned (in De Bruisbeek). An important item on the agenda there is the solar roof project Thomassen Distribution Centre. The intention here is to start fundraising for the realisation of this 850 kWp project soon, another good reason to become a member of ECL.

Keep an eye on our Facebook page and website!

Sustainable Projects Loenen

www.duurzaamloenen.nl

<https://www.facebook.com/duurzaamloenen/>