

## Smart PV management with SmartgridX

### For housing cooperatives that want to take control of their solar installations

With SmartgridX, your housing cooperative gains a powerful, user-friendly tool for centrally managing, monitoring, and optimising all your solar installations.

#### Overview & Monitoring

At a glance, you can see which installations are performing well and which need extra attention.

- Automatic notification of installations with:
  - Low Performance Ratio (PR)
  - Poor uptime
- The PR is calculated intelligently based on:
  - Local weather conditions (local weather stations)
  - The orientation of the solar panels

You can easily click through from portfolio level to individual installations, allowing you to quickly zoom in on a single installation.

Name	Serialnumber	City	Production capacity (kWp)	Production yesterday (kWh)	Production current year (MWh)	Norm. production yesterday (kWh/kWp)	# alarms last 24h	Data Cap. type	Remote	PR (%)	Upt. (%)	Status	Inverter status
Local De Vrij		Chasselmolen	5	4	4	0,7	0	energyHub	N/A	54	100	✓	1/1
Deventer Plein		Huizen	4	4	3	1,0	0	Solar Hub	N/A	52	100	✓	1/1
Heideveld		Roosendaal	5	4	3	0,9	0	Solar Hub	N/A	38	100	✓	1/1
Wijk 10		Wijk 10	4	4	3	1,1	0	Solar Hub	N/A	49	100	✓	1/1
Deventer Plein		Chasselmolen	4	4	3	1,2	0	Solar Hub	N/A	54	100	✓	1/1
Wijk 10		Tongeren	4	5	3	1,3	0	Solar Hub	N/A	83	100	✓	1/1
Wijk 10		Deventer	3	5	3	1,8	0	Solar Hub	N/A	95	100	✓	1/1
Wijk 10		Huizen	3	5	4	1,6	0	Solar Hub	N/A	126	100	✓	1/1
Wijk 10		Wijk 10	3	6	1	1,8	0	Solar Hub	N/A	81	100	✓	1/1
Wijk 10		Wijk 10	4	6	4	1,5	0	Solar Hub	N/A	59	100	✓	1/1
Wijk 10		Wijk 10	6	7	6	1,1	0	Solar Hub	N/A	5	100	✓	1/1
Wijk 10		Wijk 10	7	7	5	1,1	0	Solar Hub	N/A	80	100	✓	1/1
Wijk 10		Wijk 10	5	7	5	1,4	0	Solar Hub	N/A	75	100	✓	1/1
Wijk 10		Wijk 10	12	8	9	0,7	0	Solar Hub	N/A	61	100	✓	1/1
Wijk 10		Wijk 10	4	8	0	2,0	0	Solar Hub	N/A	93	100	✓	1/1



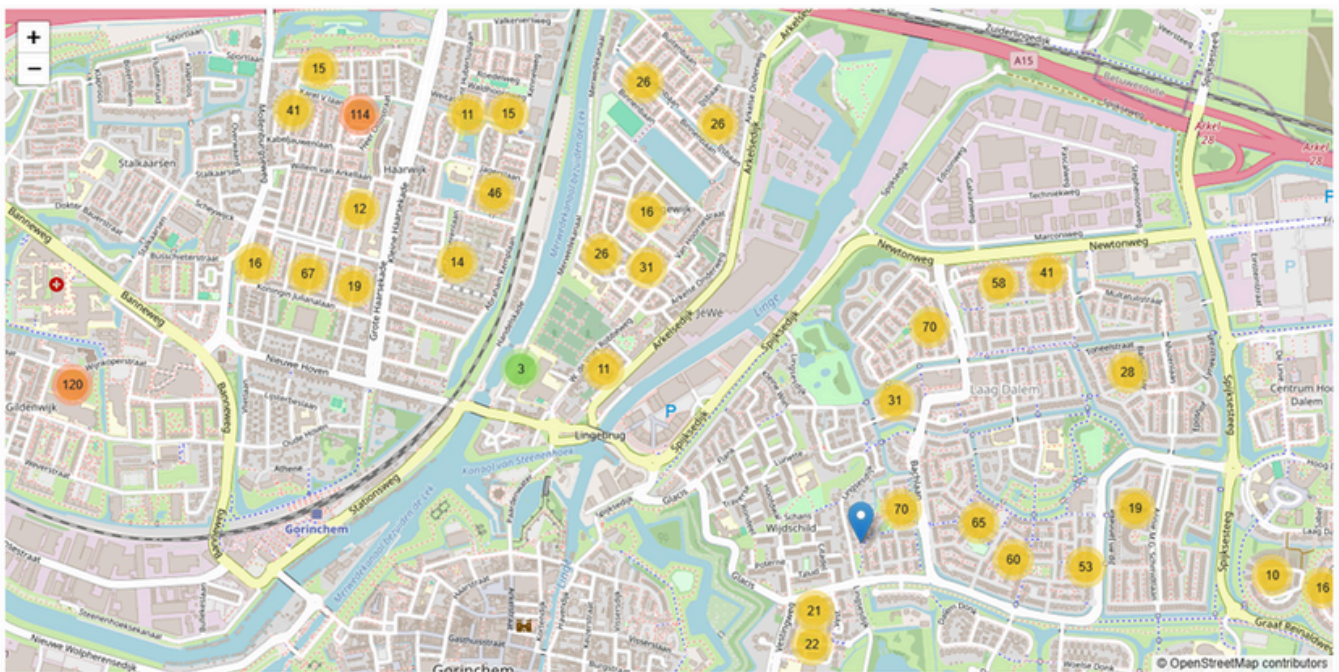
## Site



No production data  
Production is zero  
No energy storage data  
Storage energy is zero

6/36  
25/36  
6/62  
2/62

## Map



## Map





### Structure tailored to your organisation

SmartgridX is built with flexibility in mind:

- Sub-portfolios per housing cooperative or project
- User management at different levels:
  - Managers of a housing cooperative have insight into their own installations
  - As a SmartgridX administrator, you decide who can see or change what
- End users (tenants/residents) can also access their installation data
- Logging in is easy via:
  - Email address
  - Or optionally: postcode and address
- You can set detailed permissions for each user

### Clear reporting

SmartgridX provides reports that offer insight and encourage action:

- Monthly, quarterly and annual reports including:
  - Overview of malfunctions and problems (e.g. no yield, connection problems, low PR)
  - Resolved versus outstanding issues
  - Yield per installation – and how this compares to expectations

