

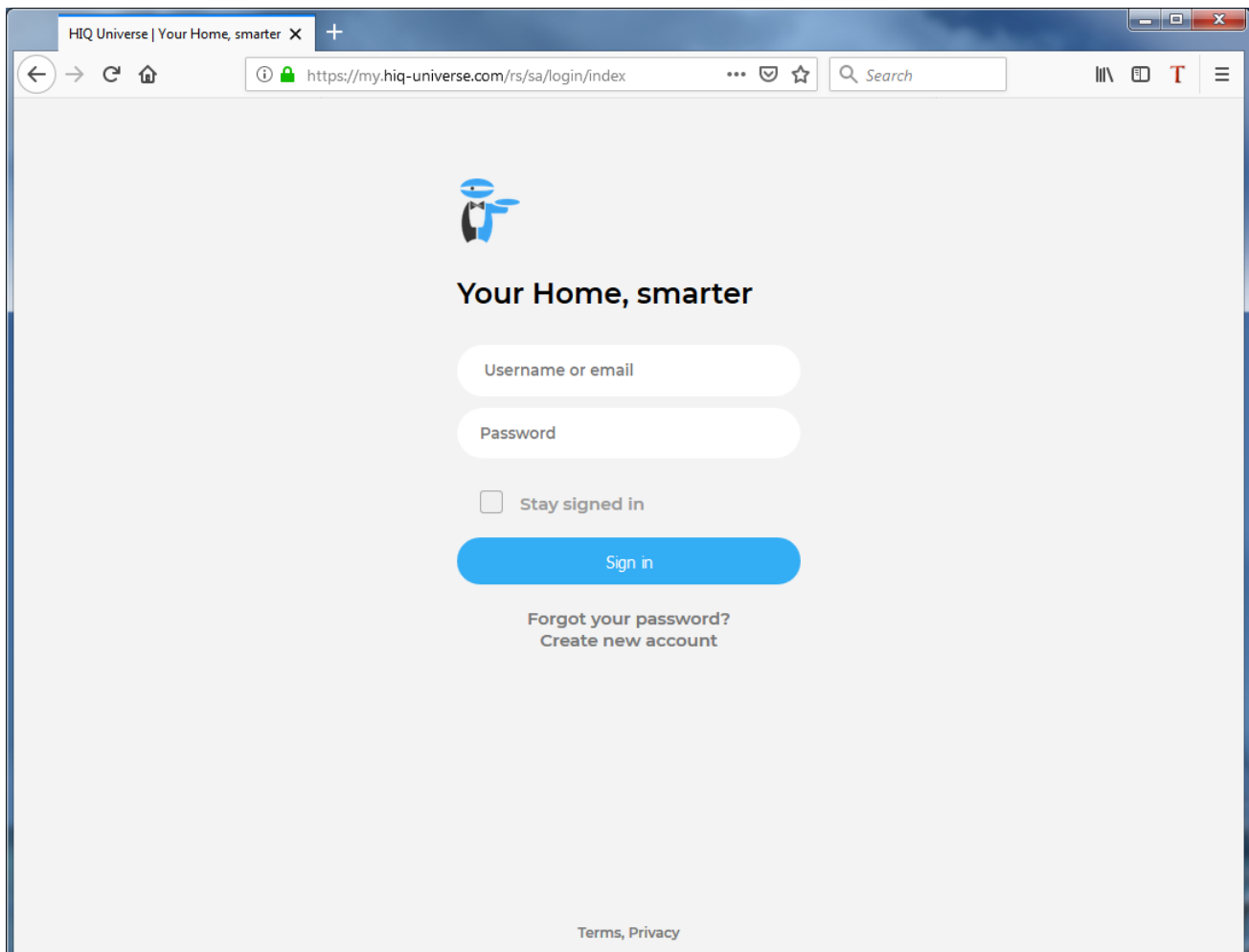
HIQ UNIVERSE

HIQ Universe is a cloud service that enables:

- An overview of current power consumption and
- An overview of the history of electrical power and energy consumption and production.

Access point: <https://my.hiq-universe.com>

HIQ Universe Log-in

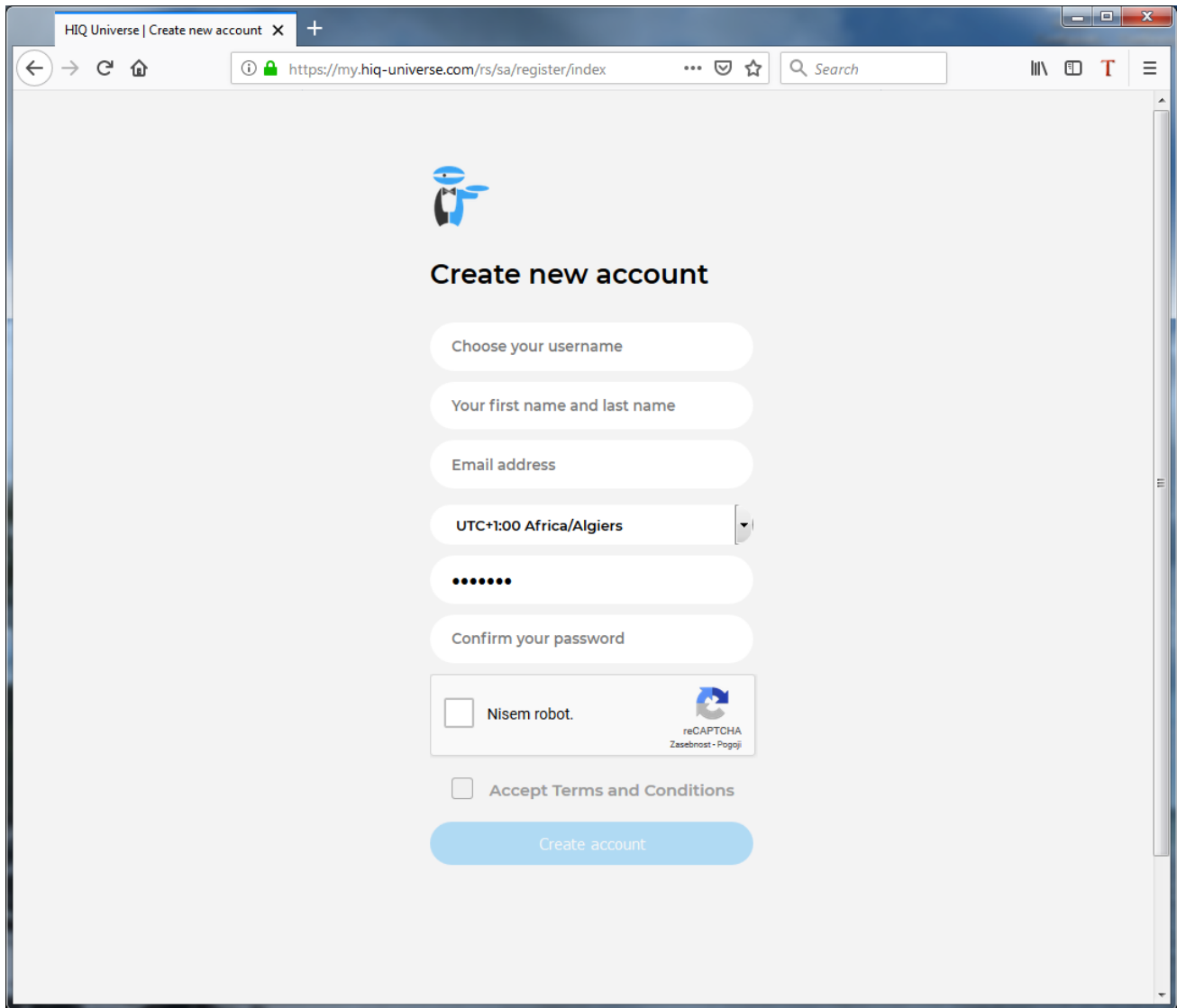


Log in with your username or email and password to see your [HIQ Universe subscription dashboard](#).

To reset forgotten password click on "[Forgot your password?](#)"

To create new account click on "[Create new account](#)".

Create HIQ Universe account



In the appropriate fields, enter:

- Username
- First and Last name
- E-mail address
- Timezone
- Password

Click on "I'm not a robot"

Accept Terms and Conditions.

Click on Create account.

A confirmation link will be sent to your email address.

Proceed to ["HIQ Universe Log-in"](#) screen.

Reset forgotten password



In the appropriate field, enter email address.

Click on "I'm not a robot"

Click on "Reset password".

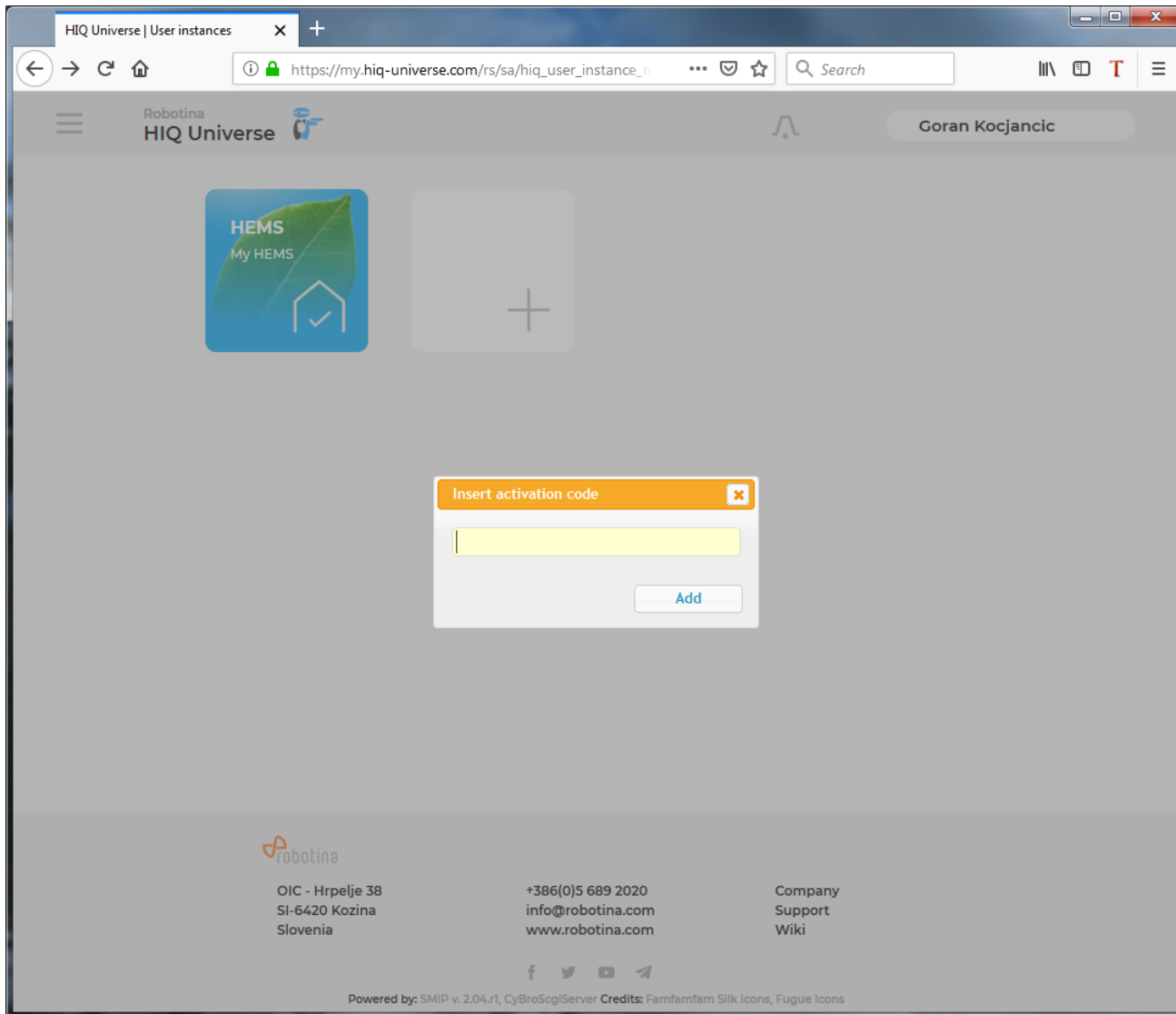
You will receive email with password reset link.



Enter new password and click on "Save new password".

Proceed to ["HIQ Universe Log-in"](#) screen.

Add HEMS controller



Enter HEMS activation code from “HEMS Quick Set-Up Guide” found in HEMS box.



HIQ Universe subscription dashboard



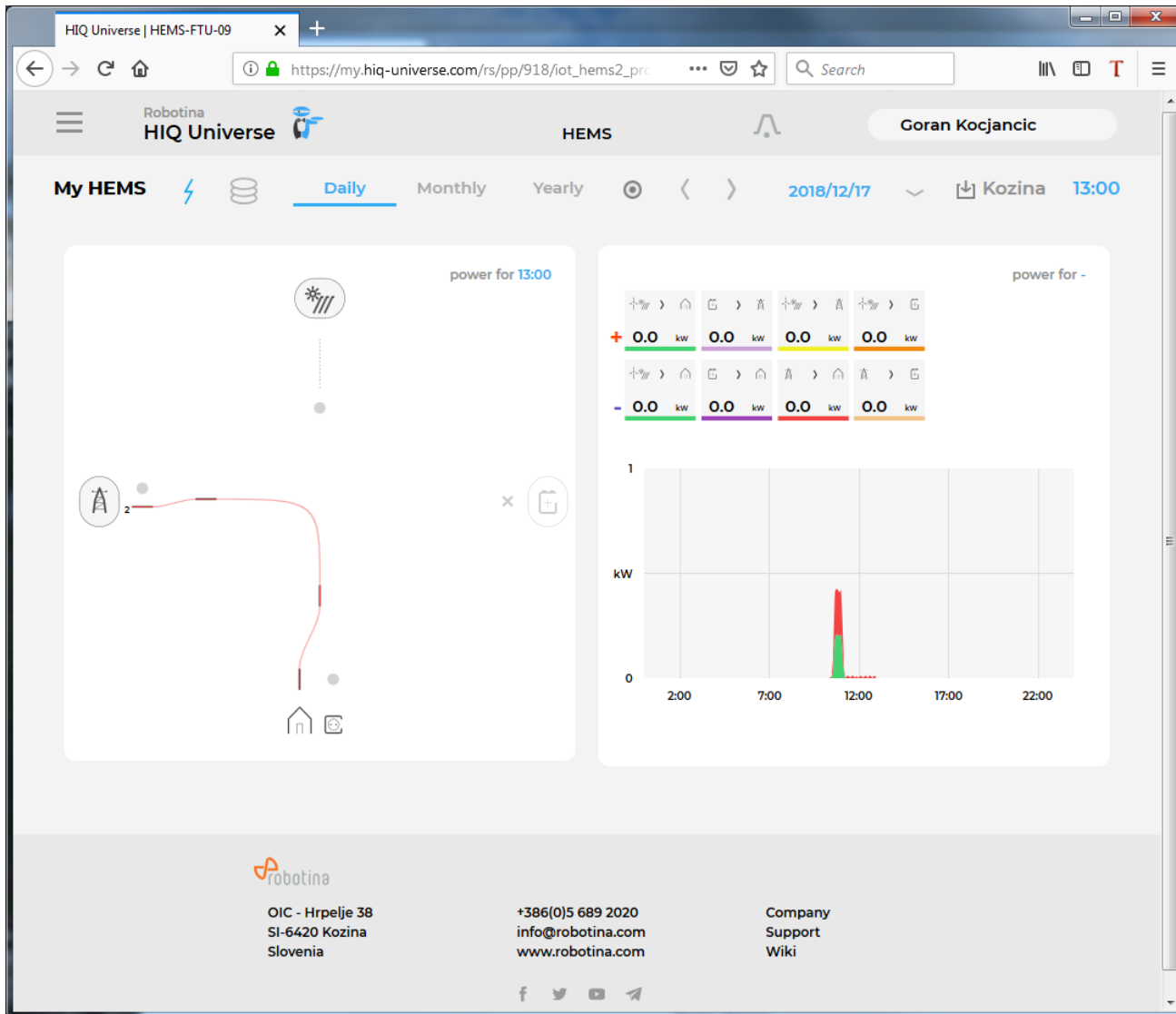
You will see tiles for all your subscribed HIQ Universe devices and services.

Go to [Main HEMS view](#) by clicking on HEMS tile or

add [new HEMS device](#) by clicking on blank tile with + sign.

["User profile set-up"](#) is invoked by clicking on user name on top right.

Main HEMS view



Main HEMS page consists of 3 sections:

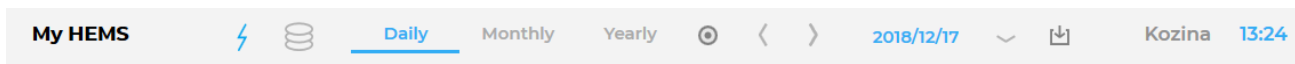
- "Title and view selection row" at the top
- "Power flow chart" on left side
- "Power and energy time-plot" on right



Side menu is activated by clicking menu icon (tree vertical lines at top-left). Menu items are dynamic created so can be different for each user. Typical menu items from top:

- Language selection
- Home page → section with all your subscribed HIQ Universe devices and services
 - MyHems → "Main HEMS view"
 - Settings → "HEMS settings"
- TOOLS → section with general site tools
 - Profile → "User profile set-up"
 - Sign out → Log off from HIQ Universe

Title and view selection row

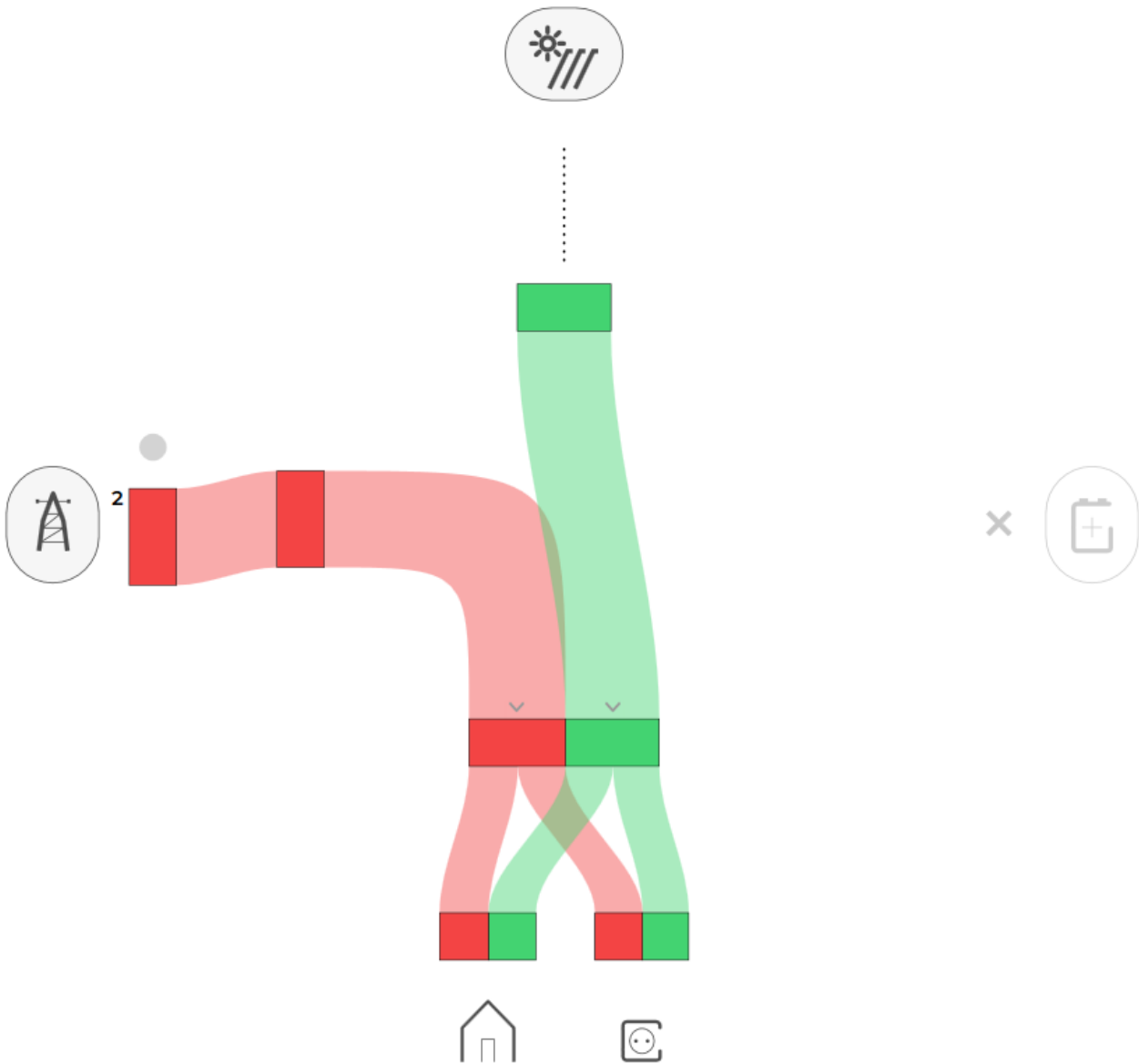


From the left:

- HEMS name
- Lighting icon → time-plot displays energy or power
- Money icon → time-plot displays currency
- Daily → time-plot displays power
- Monthly → time-plot displays energy per day
- Yearly → time-plot displays energy par month
- Target icon → time-plot go to now
- < → time-plot goes to previous term
- > → time-plot goes to next term
- Date → Select term for time-plot
- Download icon → Download “csv” data for displayed time-plot period
- Location of HEMS installation
- Time at HEMS installation site.

Power flow chart

power for 13:27



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HIQ Universe / HEMS To-Do
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Legend:
+ done
* done not tested
- need to be done
= cannot be solved / ignore / find workaround
-----
review 17.12.2018, GK
- Reset password - se izpiše 2x
- log-in
- log-in ni standarden in si ga zato browser ne zapomne
- timeplot
- naj se prikazuje trenutno stanje, če ni izbran termin
- ko klikneš na termin, ki nima vrednosti naj se izbere najbližja veljavna vrednost
- tipka levo-desno premika kurzor za eno izmerjeno vrednost levo desno
- prikaz v legendi na več decimalk
- ko je izbran keš naj se tudi prikazuje v tabeli (al pa ga umakniti iz menuja)
- pri daily grafu se ne upoštevajo nastavitve za cost
- ko se krči monthly graf so oznake x osi totalno stisnjene (dinamično prikazovati vsako 2., 5... oznako glede na plac)
- pri grafih za energijo se ne prikazuje energija ta tekoči dan/mesec pa bi se morala
- menu bi lahko izgini takoj ko izbereš item
- iz menuja umakniti jezik in ga dati v Profile setting pod time zone
- pri Profile setting - "Foreign realms" je po moje nerazumljivo (še meni ;) )
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review 14.12.2018, II
- Tooltips na Home page na [+] ikono za instance.
- Tooltip za instance naj prvo prikaže labelo, če ni definirana pa prikaže Title instance.
- Spremeniti prikaz Reports page-a za uporabnike, ki nimajo nobenega reporta.
  Narediti en lep napis kot obvestilo, da nima reportov.
- Nova poddomena my.hiq-universe.com (preusmeritev na my.hiq-universe.com)
- Dodati Time Zone instance na Settings page za uporabnika (v skupino Location).
- Obracanje bargrafa porabe gor/dol ni treba delati.
- Na daily timeplot-u dodati marker/črto (sivo) za izbran čas.
- Popraviti poravnavo palčk za grid (poraba in feed-in naj bodo skupaj centrirani na sredino, in bolj blizu)
- Puščica se spremeni v roko tudi na grafih za vse objekte na katere se da klikniti.
  (izžira na grafu).
- Predelati bela ozadja v pravokotnike (to je samo ozadje, flow ostane enak).
- Preveriti, če je dovolj prostora za vrniti decimalko samo za mesečni graf.
  Mogoče povezati z nastavljenim skalo na grafu (>100kWh se decimalka ne prikaže).
- Skaliranje po y osi
- Dodati logiranje manjkajočih spremenljivk.
- Prikaz stroškov v legendi
+ Popraviti vpis in branje cen energije v/iz krmilnika.

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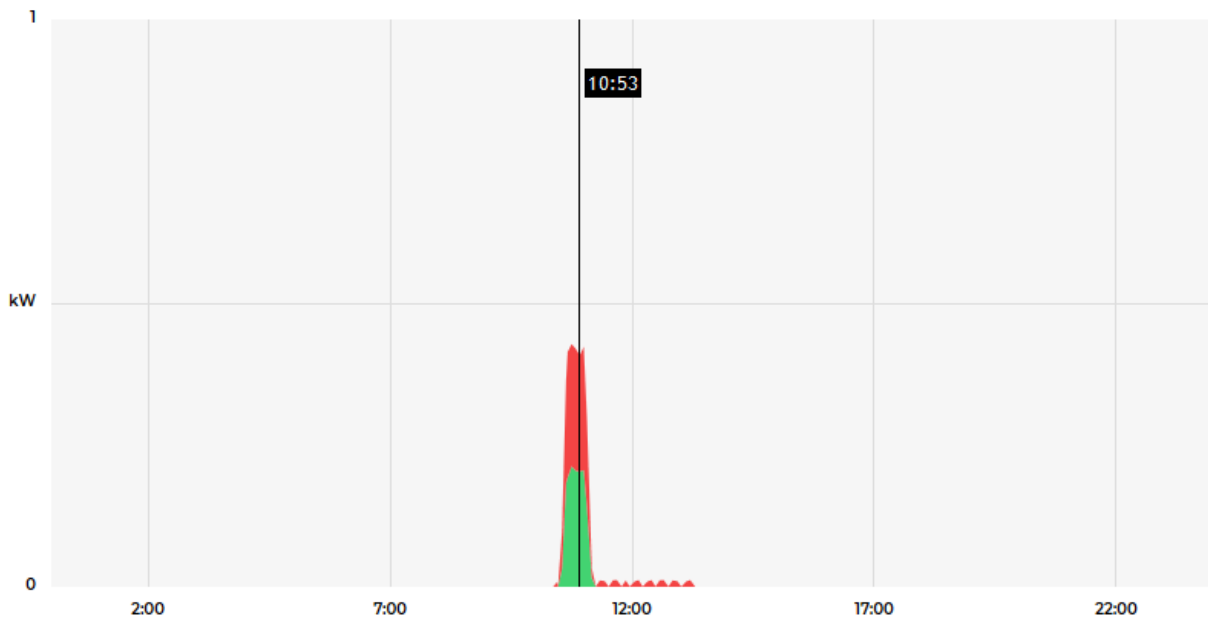
Displays actual power flow with:

- Power sources (Local PV, wind, co-generation plants) at top
- Grid (divided by tariffs) on left side
- Storage (battery) systems on right side and
- Consumers on bottom.

Unused items are soft greyed out with X. Items without actual power are displayed as dots.

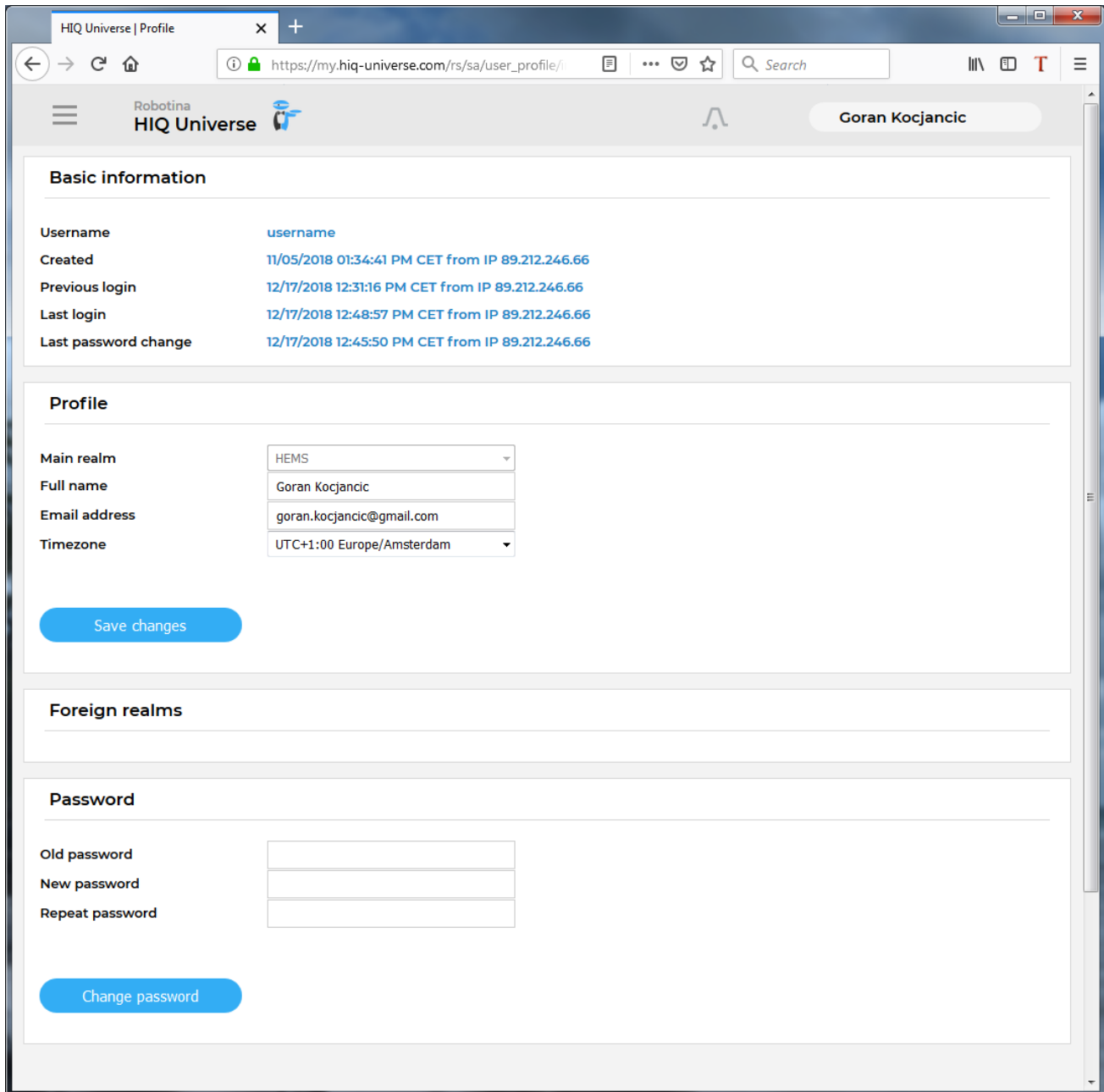
Power and energy time-plot

power for 10:55



On bottom is time-plot for selected time period (in title row). By clicking on time plot a term for legend display is selected. Above there is power/energy legend.

User profile set-up



Basic information section:

- Username
- Created date and IP
- Previous and last login date and IP
- Last password change date and IP

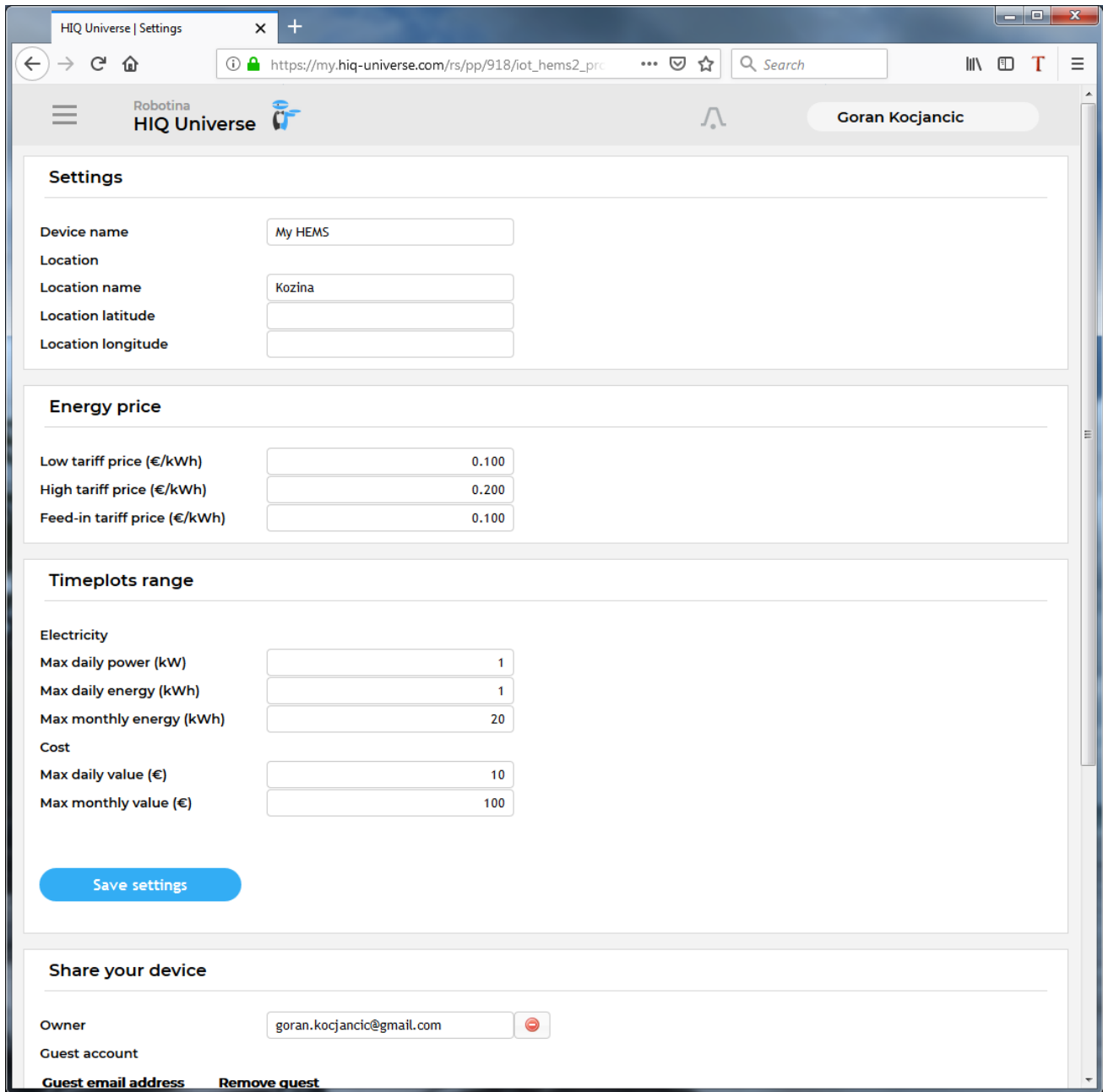
Profile section:

- Main realm display
- Full name, email address and timezone edit fields

Foreign realms - devices and services where you have access to but you are not owner.

Password: fields for password changing.

HEMS settings



Sections:

- Settings:
 - Device name
 - Location name and coordinates
- Energy price: per tariff energy price
- Timeplots range: ranges for various timeplots
- Share your device: manage device sharing guest accounts

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<http://wiki.hiq-universe.com/> -

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