

How to set-up electricity price lists in Reduxi Cloud

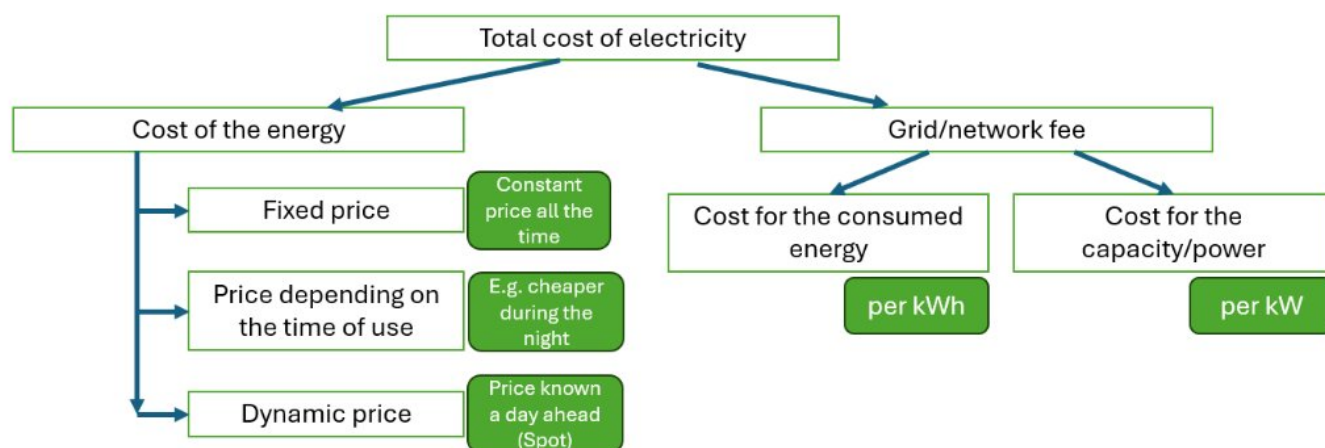
Step-by-step guide to set up Time of Use plans, predefined price lists and location prices in Reduxi Cloud. Version: May 2026.



🔌 Reduxi Cloud · reduxi.app

👤 Manager (aggregator) and end user

📊 Fixed, Time of use and SPOT market prices



Total cost of electricity = cost of the energy + grid/network fee

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1 Introduction to electricity pricing

Reduxi is an AI-based electricity control platform. To optimize energy consumption, the system requires accurate information about the electricity prices applicable to each location. Prices can be predefined at the global level and then assigned to individual customer locations, or the end user can enter custom prices directly.



Prerequisite

Specifying pricing is a prerequisite for all price-based optimizations, including negative price optimization and AI strategies for battery storage, solar power plant, EV charging, and HVAC systems. Pricing data is required to accurately calculate savings, earnings, self-consumption benefits, and overall financial optimization.

The total cost of electricity at any location consists of two independent components: the cost of the energy and the grid/network fee. The total cost of electricity is the sum of both (see the diagram at the top of this article).

1.1 Cost of the energy

The energy price paid to the electricity supplier can be structured in one of three ways:

TYPE	DESCRIPTION
Fixed price	A constant price per kWh that does not change with time. Simplest model to configure.
Time of use (TOU)	Different prices apply during defined time periods, for example a lower night rate and a higher day rate.
Dynamic price (SPOT market)	The energy price is determined by the wholesale electricity market and is known one day ahead. A supplier fee (markup) is added on top of the market price.

1.2 Grid / network fee

The network fee is paid to the distribution system operator (DSO) and covers the use of the electricity grid. It consists of two parts:

- **Cost for consumed energy:** charged per kWh of electricity transported through the grid.
- **Cost for capacity/power:** charged per kW of peak demand recorded during the billing period.

Reduxi requires all four price components to be configured for a location: *Supplier energy buy*, *Supplier energy sell*, *Distributor energy price (for grid)*, and *Distributor power price (for grid)*.

1.3 Configuration workflow

The configuration workflow has three stages:

1

Define Time of Use plans

Manager role. Reusable weekly time schedules that define when each price period applies. See [Point 2](#).

2

Define predefined price lists

Manager role. Reusable price templates that attach actual prices to a pricing model (fixed, TOU, or SPOT). The end user can reuse them later. See [Point 3](#).

3

Assign prices to an end-user location

Select a predefined price list or enter a custom price for each component. See [Point 4](#).



End users

The end user continues with [Point 4](#) to define the pricing plan on their location.

2

Manager role: creating a Time of Use plan

A Time of Use (TOU) plan defines a named weekly schedule of time periods, called *time blocks*. A typical example is a low/high tariff (for example night/day).



Role required

A TOU plan can only be created by the aggregator role (managers, aggregators, installers and similar). If you are a regular end user and the TOU plan you need is not available, ask your manager to create it.

Once created, a TOU plan can be referenced by any number of price lists. This section shows how to create a "Night/Day" plan for Austria, which divides each day into a night period and a day period.

2.1 Navigating to Time of Use

1

Log in

Log in to the Reduxi Cloud platform at `reduxi.app`.

2

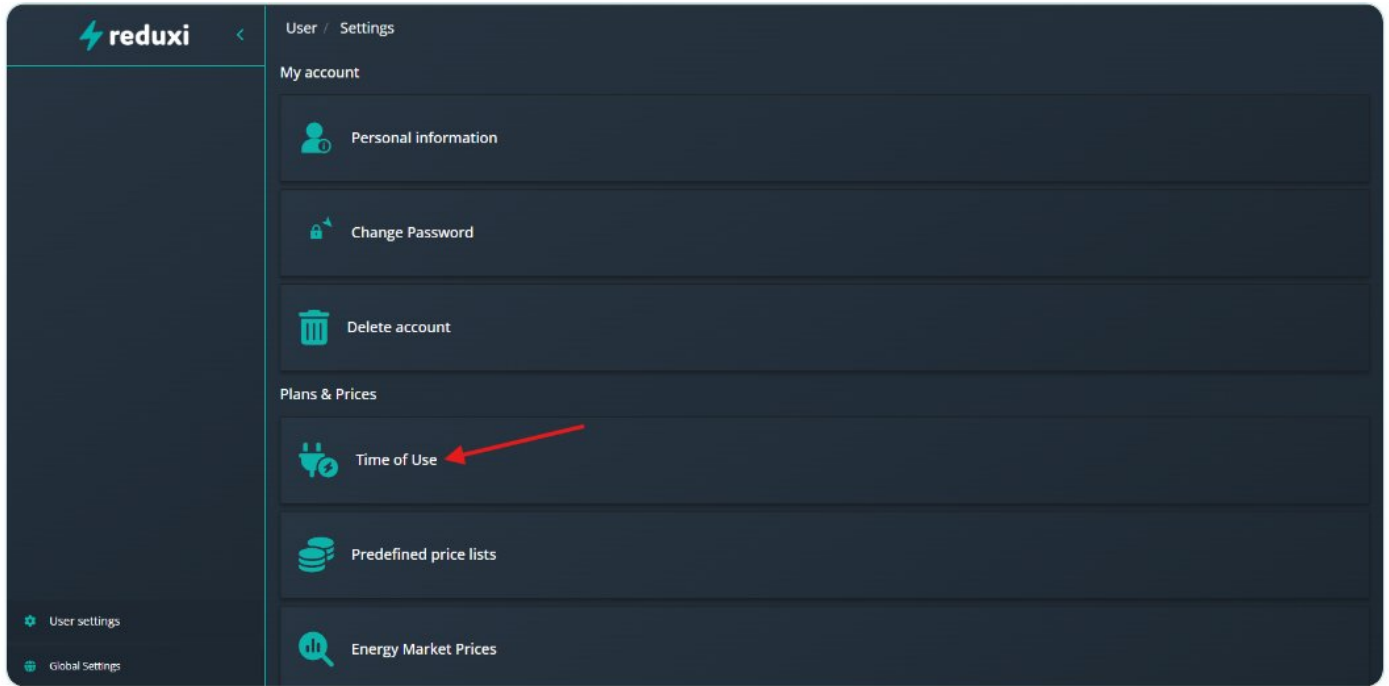
Open Settings

Click the user icon or navigate to **User > Settings**.

3

Open Time of Use

Scroll to the **Plans & Prices** section and click **Time of Use**. This is only available to an aggregator account.



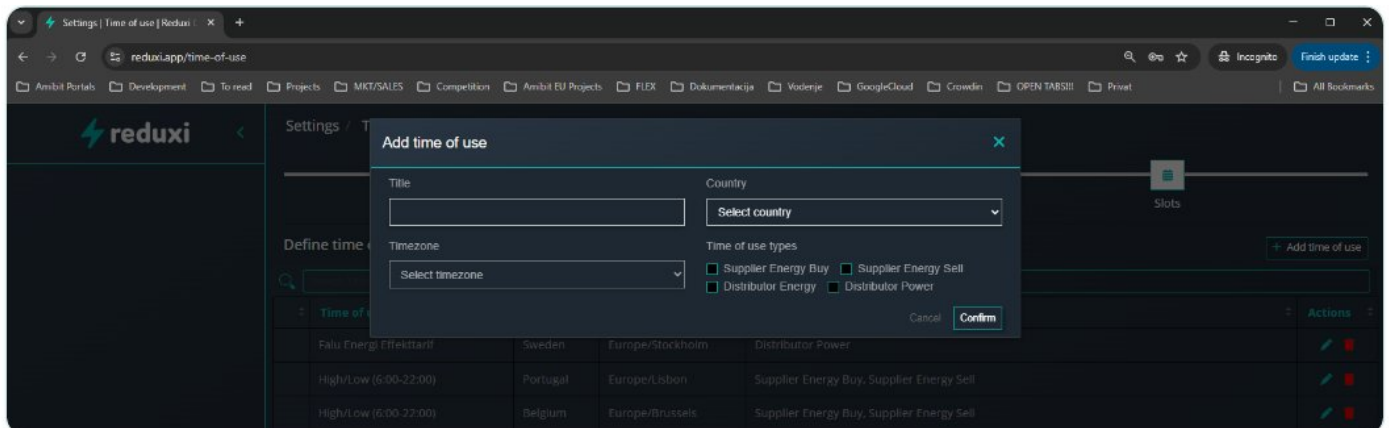
Settings: Plans & Prices, Time of Use

The Time of Use list page opens. It shows all existing TOU plans. Each entry displays the plan title, country, timezone, and which price types the plan covers.

2.2 Creating a new plan and selecting parameters

1 Add a plan

Click the **+ Add time of use** button in the upper right corner of the list. A dialog box appears.



The + Add time of use dialog

1 Enter the title

In the **Title** field, enter a descriptive name for the plan. In this example: *Night/day*.

2

Select the country

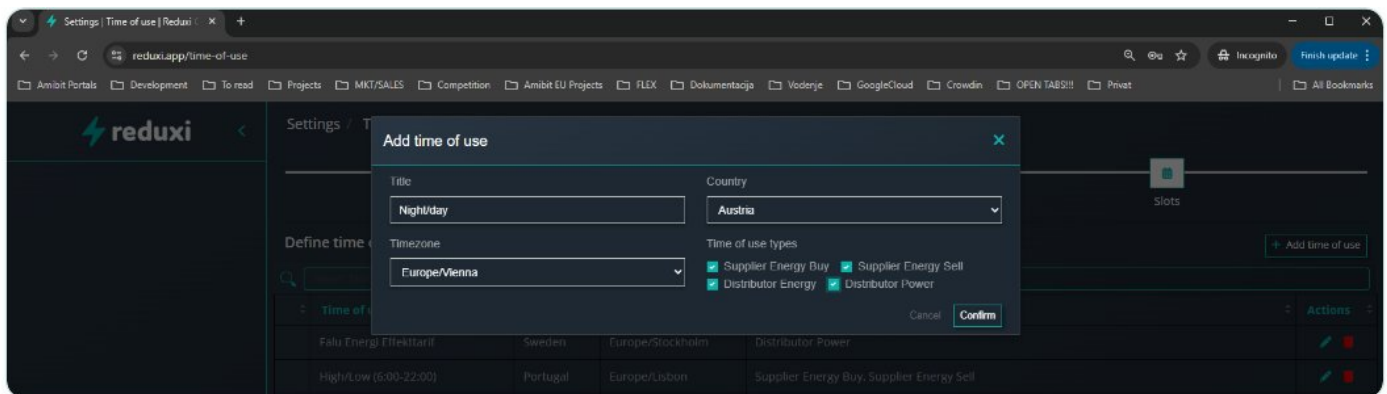
In the **Country** dropdown, select the country where this plan applies. In this example: *Austria*. The **Timezone** field is filled in automatically based on the selected country (for example *Europe/Vienna*).

3

Select the Time of use types

Under **Time of use types**, tick the checkboxes for all price components that this TOU plan will govern. Select all four types to make the TOU plan available for all price components.

- **Supplier Energy Buy:** the price of electricity purchased from the supplier.
- **Supplier Energy Sell:** the price received for electricity exported to the grid (for example from solar).
- **Distributor Energy:** the network energy fee per kWh.
- **Distributor Power:** the network capacity fee per kW.



Title, country and Time of use types

1

Confirm

Click **Confirm**. The TOU configuration wizard opens.

2.3 Defining time blocks

The wizard opens on **Step 2: Time blocks**. In this step you define the named time categories (blocks) that label each hour of the week. For a night/day plan you need two blocks: one for night and one for day.

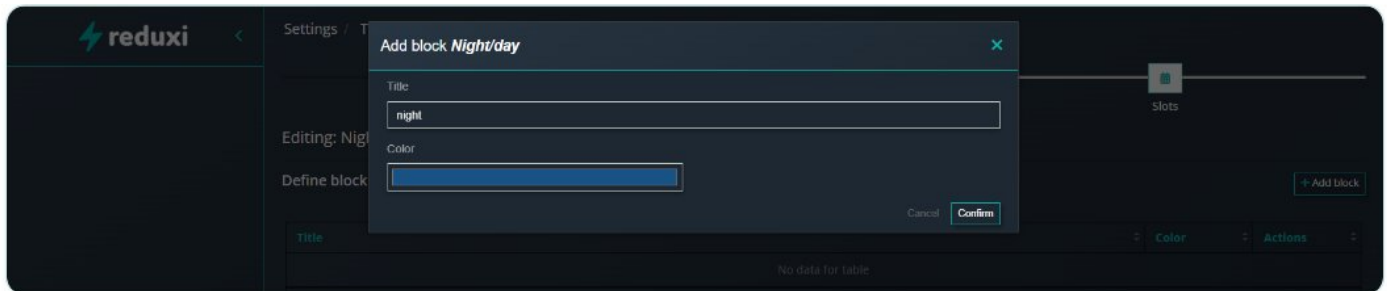
1

Add the first block

Click **+ Add block** in the upper right. The "Add block" dialog appears.

2 Name the block

Enter the name of the first block: *Night*. Optionally change the colour with the colour selector. Click **Confirm**. The "Night" block now appears in the list.



The block Night in the list of time blocks

1 Add the second block

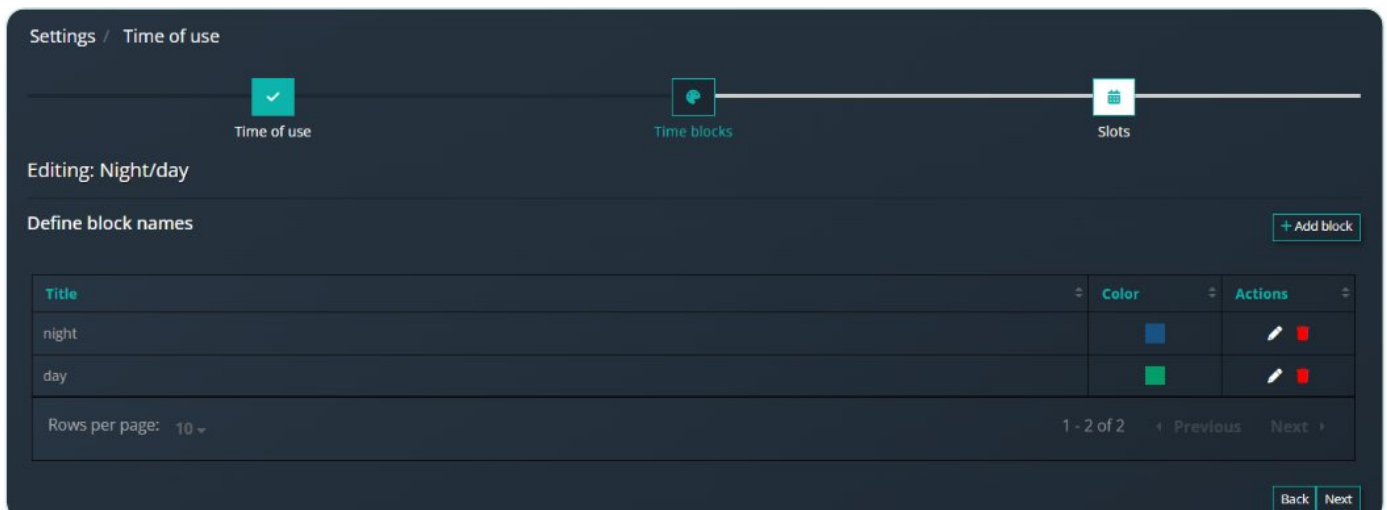
Click **+ Add block** again.

2 Name the block

Enter the name: *day*. Choose a different colour (for example green) so the two blocks are visually distinct. Click **Confirm**.

3 Go to the slots

Click **Next** to proceed to Step 3 (Slots).



Both time blocks defined

2.4 Defining pricing seasons and daily schedules

Step 3 (Slots) lets you define *pricing seasons*: date ranges within the year that each have their own weekly time schedule. For example, you can configure different schedules for summer and winter. This example uses a single season that covers the full year.

1 Add a season

Click **+ Add season**. A season entry expands below.

2 Title the season

Enter a title for the season, for example: *all year*.

3 Select all months

Tick **Select All** under Months to include all twelve months. The month bar turns green to indicate that all months are selected.

4 Save the season

Click **Save Changes** to save the season definition.

The screenshot shows the 'Define pricing season' form within the 'Settings / Time of use' section. At the top, there are three tabs: 'Time of use' (selected), 'Time blocks', and 'Slots', each with a green checkmark. Below the tabs, it says 'Editing: Night/day'. The form has a title field containing 'all year'. Under the 'Months' section, the 'Un-select All' checkbox is checked, and a row of 12 green bars represents the months from Jan to Dec. At the bottom right of the form, there is a 'Save Changes' button with a lock icon and a red delete icon. At the very bottom right of the entire form area, there are 'Back' and 'Finish' buttons.

The season all year with all months selected

The weekly schedule grid now shows a row for each day of the week (Monday through Sunday). Each row displays a 24-hour timeline. Assign time blocks to each hour of each day.

1

Edit Monday

Click the **edit** icon (pencil) on the Monday row. A time assignment dialog opens, with a 24-hour slider at the top and a list of time block assignments below.

2

Add a time block

Click **Add time block**. A row appears with a **Time block** dropdown and a range slider.

3

Set the first night period

In the **Time block** dropdown, select *Night*. The slider represents the time range for this block. Drag the slider handles to set the start and end times (for example 00:00 to 06:00).

4

Set the day period

Click **Add time block** again. Select *day* from the dropdown. Adjust the slider to cover the day period (for example 06:00 to 22:00).

5

Set the second night period

Click **Add time block** a third time. Select *Night*. Set the range to cover the late-night period (for example 22:00 to 24:00).



Time assignment for Monday: Night, day, Night

1

Save the day

Click **Save all and close**. The Monday row in the weekly grid updates to show the coloured schedule.

2

Repeat for the other days

Repeat the edit steps (pencil icon, **Add time block**) for Tuesday through Sunday. You can copy the same night/day/night pattern for each day.

Settings / Time of use

Editing: Night/day

Define pricing season + Add season

Title
all year

Months
☒ Un-select All

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Monday
00:00 03:00 06:00 09:00 12:00 15:00 18:00 21:00 24:00

Tuesday
00:00 03:00 06:00 09:00 12:00 15:00 18:00 21:00 24:00

Wednesday
00:00 03:00 06:00 09:00 12:00 15:00 18:00 21:00 24:00

Thursday
00:00 03:00 06:00 09:00 12:00 15:00 18:00 21:00 24:00

Friday
00:00 03:00 06:00 09:00 12:00 15:00 18:00 21:00 24:00

Saturday
00:00 03:00 06:00 09:00 12:00 15:00 18:00 21:00 24:00

Sunday
00:00 03:00 06:00 09:00 12:00 15:00 18:00 21:00 24:00

Back Finish

Weekly schedule with the night/day pattern

1

Finish

Click **Finish** to complete the TOU plan. The new plan now appears in the Time of Use list.

The "Night/day" plan is now available for use in predefined price lists and can be applied to any location in Austria.

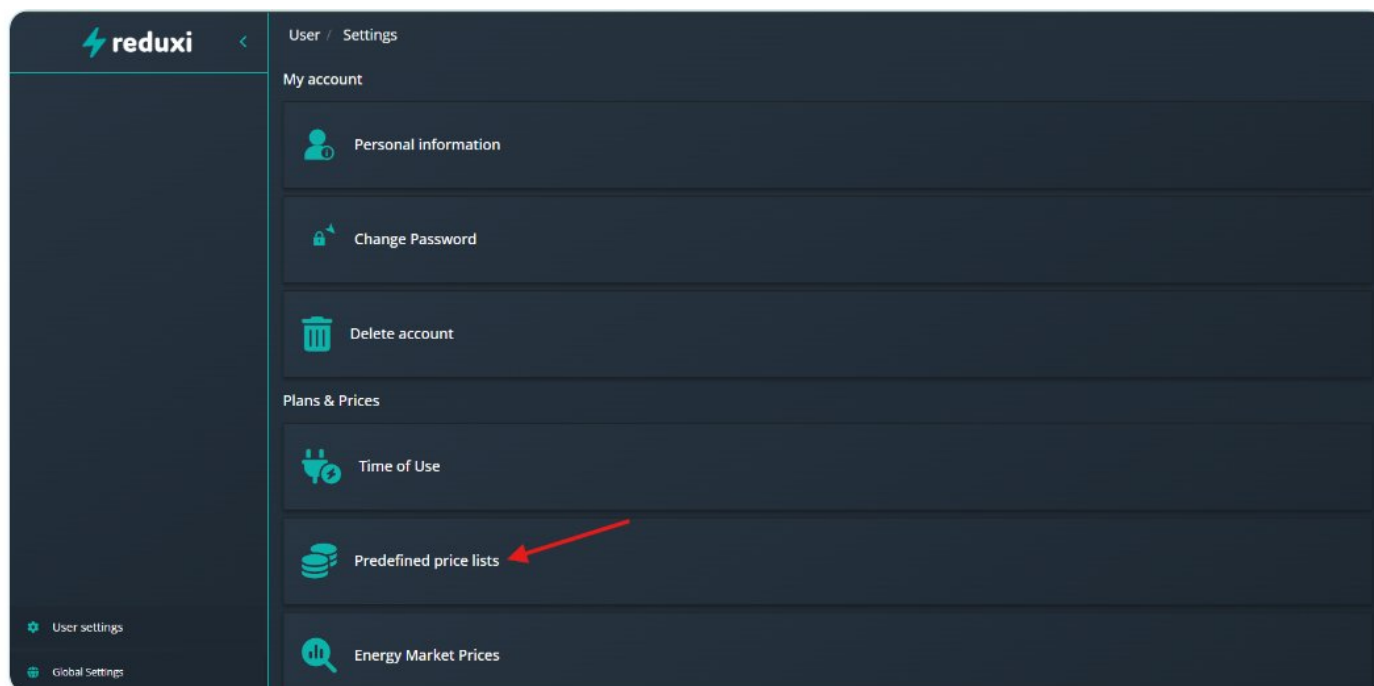
3

Manager role: creating predefined price lists

A predefined price list is a reusable pricing template. It combines a price model type (Fixed, Time of use, or SPOT market) with actual price values. Once created, a price list can be assigned to any number of end-user locations. Typical use cases are price lists from energy suppliers and network price lists. The end user selects one of them without much effort. This section creates one example of each model type.

3.1 Open the form and fill in the fields

To open the Predefined price lists screen, go to **Settings > Plans & Prices > Predefined price lists**.



The Predefined price lists screen

Click **Create new** to open the creation form. The form has the following fields:

- **Name:** a descriptive label for this price template.
- **Country:** the country this list applies to.
- **Currency:** the currency for all prices (EUR is pre-selected).
- **Time of use types:** which price component this list governs (Supplier Energy Buy, Supplier Energy Sell, Distributor Energy, or Distributor Power).
- **Source type:** a tab that sets the type of the price list: *Fixed*, *SPOT Market*, or *Time of use*.

Settings / Pricing Plans / Predefined price lists

Predefined price lists

Create new

Name	Country	Currency	Plan Type	Source Type	Price	Actions
aWATTar	Austria	EUR	Distributor Energy	Fixed	0.19 EUR	
aWATTar	Austria	EUR	Supplier Energy Sell	Spot market	-	
aWATTar	Austria	EUR	Supplier Energy Buy	Spot market	-	
Dynamic pricing model	Austria	EUR	Supplier Energy Buy	Spot market	-	
smartENERGY	Austria	EUR	Supplier Energy Buy	Spot market	-	
smartENERGY	Austria	EUR	Distributor Energy	Fixed	0.098 EUR	
smartENERGY	Austria	EUR	Supplier Energy Sell	Spot market	-	
Spotty ActivePro (buy)	Austria	EUR	Supplier Energy Buy	Spot market	-	
Spotty ActivePro (sell)	Austria	EUR	Supplier Energy Sell	Spot market	-	

Rows per page: 10
1 - 9 of 9
Previous
Next

The creation form

3.2 Fixed price plan

A fixed price plan charges a single constant price regardless of the time of day. This is the simplest pricing model.

- 1
- Enter the name
- Enter the **Name**: *A fixed price model*.
- 2
- Select the country
- Select **Country**: *Austria*. The currency is set to EUR automatically.
- 3
- Select the type
- Select *Supplier Energy Buy* (the radio button highlights the active type).
- 4
- Enter the price
- The **Fixed** tab is selected by default. Enter the price per kWh in the **Price** field. In this example: *0.12* EUR.

... / Pricing Plans / Predefined price lists / Create

Basic info

Name:

Country:

Currency:

Time of use types:

☒ Supplier energy buy price (per kWh)
 ☐ Supplier energy sell price (per kWh)
 ☐ Grid energy fee price (per kWh)
 ☐ Grid power fee price (per kWh)

☒ Fixed
 ☐ SPOT Market
 ☐ Time of use

Price:

Fixed price plan with 0.12 EUR/kWh

1 Save

Click **Save**. The price list is created and appears in the overview table with Source Type: Fixed and the entered price.

3.3 Time of use price plan

A Time of use price plan assigns a different price to each time block defined in a TOU plan. This example creates a "Cheap night energy" plan using the "Night/day" TOU plan created in [Point 2](#).

1 Create a new list

Click **Create new**.

2 Enter the name

Enter the **Name**: *Cheap night energy*.

3 Select the country

Select **Country**: *Austria*.

4 Select the type

Select *Supplier Energy*.

5 Open the Time of use tab

Click the **Time of use** tab (the rightmost tab).

6

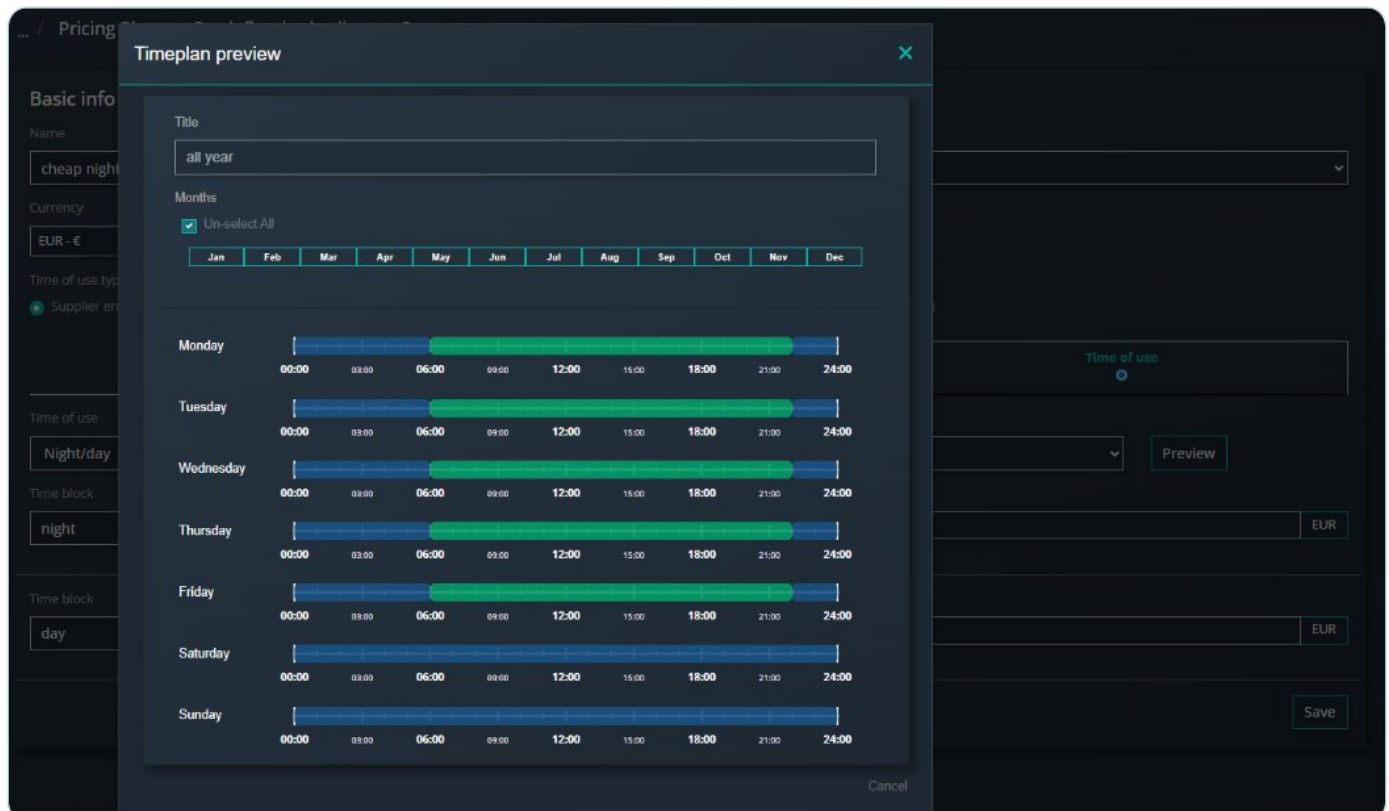
Select the TOU plan

In the **Time of use** dropdown, select the plan: *Night/day*. If the plan has blocks defined, the price fields for each block appear below the dropdown. For how to create a time of use plan, see [Point 2](#).

7

Preview the schedule

Click **Preview** to open a visual overview of the weekly schedule. This confirms that the correct TOU plan is selected.



Preview of the weekly schedule

1

Enter the prices

Close the preview. In the **Time block** rows, enter the price for each block: **Night** 0.08 EUR/kWh and **day** 0.17 EUR/kWh.

... / Pricing Plans / Predefined price lists / Create

Basic info

Name: Country:

Currency:

Time of use types: ☒ Supplier energy buy price (per kWh) ☐ Supplier energy sell price (per kWh) ☐ Grid energy fee price (per kWh) ☐ Grid power fee price (per kWh)

Fixed ☐ SPOT Market ☐ Time of use ☒

Time of use:

Time block	Price	EUR
night	0.08	
day	0.17	

Prices per time block: Night 0.08, day 0.17 EUR/kWh

1 Save

Click **Save**. The price list is created and appears in the overview with Source Type: Time of use.

3.4 SPOT market price plan

A SPOT market plan uses the wholesale electricity market price (published one day ahead) as the energy price. The supplier adds a fixed fee on top of the market price. Reduxi retrieves the market prices automatically.

1 Create a new list

Click **Create new**.

2 Enter the name

Enter the **Name**: *Dynamic pricing model*.

3 Select the country

Select **Country**: *Austria*.

4

Select the type

Select *Supplier Energy Buy*.

5

Open the SPOT Market tab

Click the **SPOT Market** tab (the middle tab). The Price field is replaced by a **Supplier Fee** field.

6

Enter the supplier fee

Enter the **Supplier Fee**: 0.01000 EUR/kWh. This is the fixed cost added by the supplier on top of the market price.

7

Add other fees

You can add other fees on top of the first one, for example a constant fee plus VAT or any other relative fee.

8

Add a bonus

You can also set a bonus. In some countries prosumers get a subsidy for PV production.

9

Save

Click **Save**. The price list is created and appears in the overview with Source Type: Spot market and the Spot Market Fee value.

... / Pricing Plans / Predefined price lists / Create

Basic info

Name: Country:

Currency:

Time of use types:

☒ Supplier energy buy price (per kWh)
 ☐ Supplier energy sell price (per kWh)
 ☐ Grid energy fee price (per kWh)
 ☐ Grid power fee price (per kWh)

☐ Fixed
 ☒ SPOT Market
 ☐ Time of use

Name	Value	Type
fee	0,01000	EUR Fee
vat	22,00	% Fee

Price example + Add Save

SPOT market plan with the supplier fee

The three new price lists are now available for assignment to end-user locations.

4 Assigning a pricing plan to an end user

Once the TOU plans and predefined price lists exist, they can be assigned to individual customer locations. The end user can do this directly, or their manager (aggregator) can do it.

Each location has a **Utility Rate Plan** page where all four price components are configured.

4.1 Navigating to the Utility Rate Plan

1 Open the location

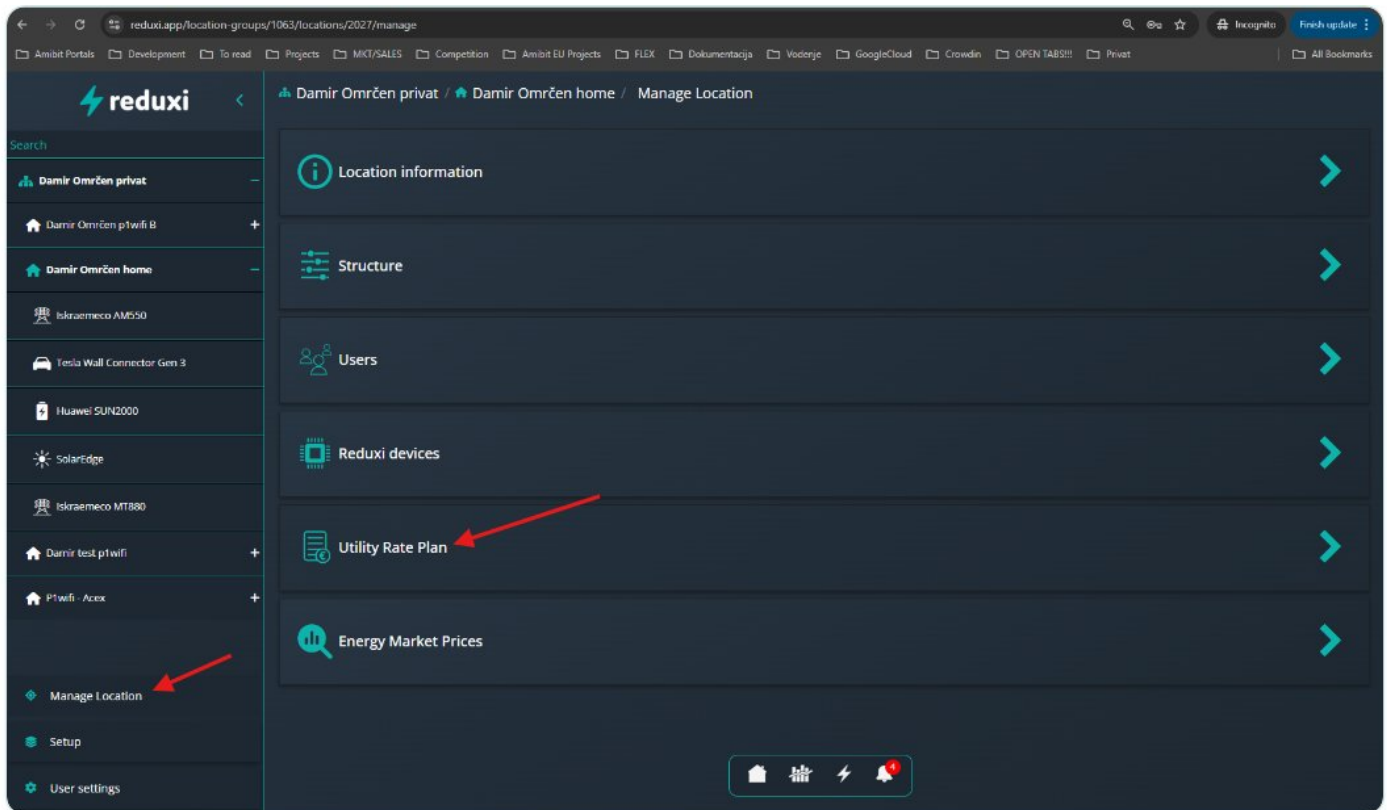
From the main navigation, find and open the customer location. The location dashboard shows real-time power flows (Grid, Solar, EV charger, Battery storage and others).

2 Open Manage Location

In the lower-left sidebar, click **Manage Location**.

3 Open Utility Rate Plan

From the Manage Location submenu, click **Utility Rate Plan**. The pricing configuration page opens.



Manage Location, Utility Rate Plan

The page has three sections:

- **Basic info:** shows the country, region, and currency inherited from the location settings. Define these before configuring a pricing plan.
- **Utility:** configures the supplier-side prices *Supplier energy buy* and *Supplier energy sell*.
- **Grid:** configures the DSO-side prices *Distributor energy price* and *Distributor power price*.

For each component, you can either **Define custom** (enter prices directly) or **Select a predefined price list** (as created in [Point 3](#)). Use the toggle switch to choose the custom or predefined mode.



Missing plan or list

If you cannot find a *Time of use plan* or *Predefined price list* as an end user, ask your manager or installer.

4.2 Configuring Utility prices

Supplier energy buy is the price the customer pays for electricity purchased from the grid.

1

Select the price list mode

Under **Supplier energy buy**, toggle the switch to **Select price list**.

2

Select the price list

Click the dropdown that appears and select the desired price list. In this example: *Dynamic pricing model* (SPOT market).

3

Check the pricing model

After you select *Dynamic pricing model*, the form shows the predefined **pricing model and Supplier Fee** (0.01000 EUR/kWh + VAT of 22%) that is added to the market price. The source type tabs (Fixed / SPOT Market / Time of use) show that SPOT Market is in use.

Supplier energy sell is the price received for electricity exported to the grid.

1

Select the mode

Under **Supplier energy sell**, toggle to **Define custom** to enter a price directly, or to **Select price list** to use a predefined list.

2

Enter the price

In this example, a custom fixed sell price is defined: enter 0.02 EUR in the **Price** field.

... / [Damir Omrčen home](#) / [Manage Location](#) / [Utility rate plans](#)

Basic info

Country: Region: [Edit in Location information](#)

Currency:

Utility

Supplier energy buy price (per kWh)

Define custom ☐ OR ☒ Select price list:

Fixed ☐ **SPOT Market** ☒ Time of use ☐

Name	Value	Type
fee	0,01000	EUR Fee
vat	22,00	% Fee

[Price example](#) [+ Add](#)

Supplier energy sell price (per kWh)

Define custom ☒ OR ☐ Select price list:

Fixed ☒ **SPOT Market** ☐ Time of use ☐

Price:

Utility prices: supplier energy buy and sell

4.3 Configuring Network prices

Distributor energy price is the per-kWh network tariff paid to the DSO.

1

Select the price list mode

Under **Distributor energy price**, toggle to **Select price list**.

2

Select the tariff

Select the applicable network tariff from the dropdown, or create a custom one. In this example a custom TOU plan is used.

Distributor power price is the per-kW peak-demand charge from the DSO.

1

Select the custom mode

Under **Distributor power price**, toggle to **Define custom**.

2

Enter the price

Select the **Fixed** tab and enter the price per kW. In this example: 0 EUR (no capacity charge applies).

3

Save

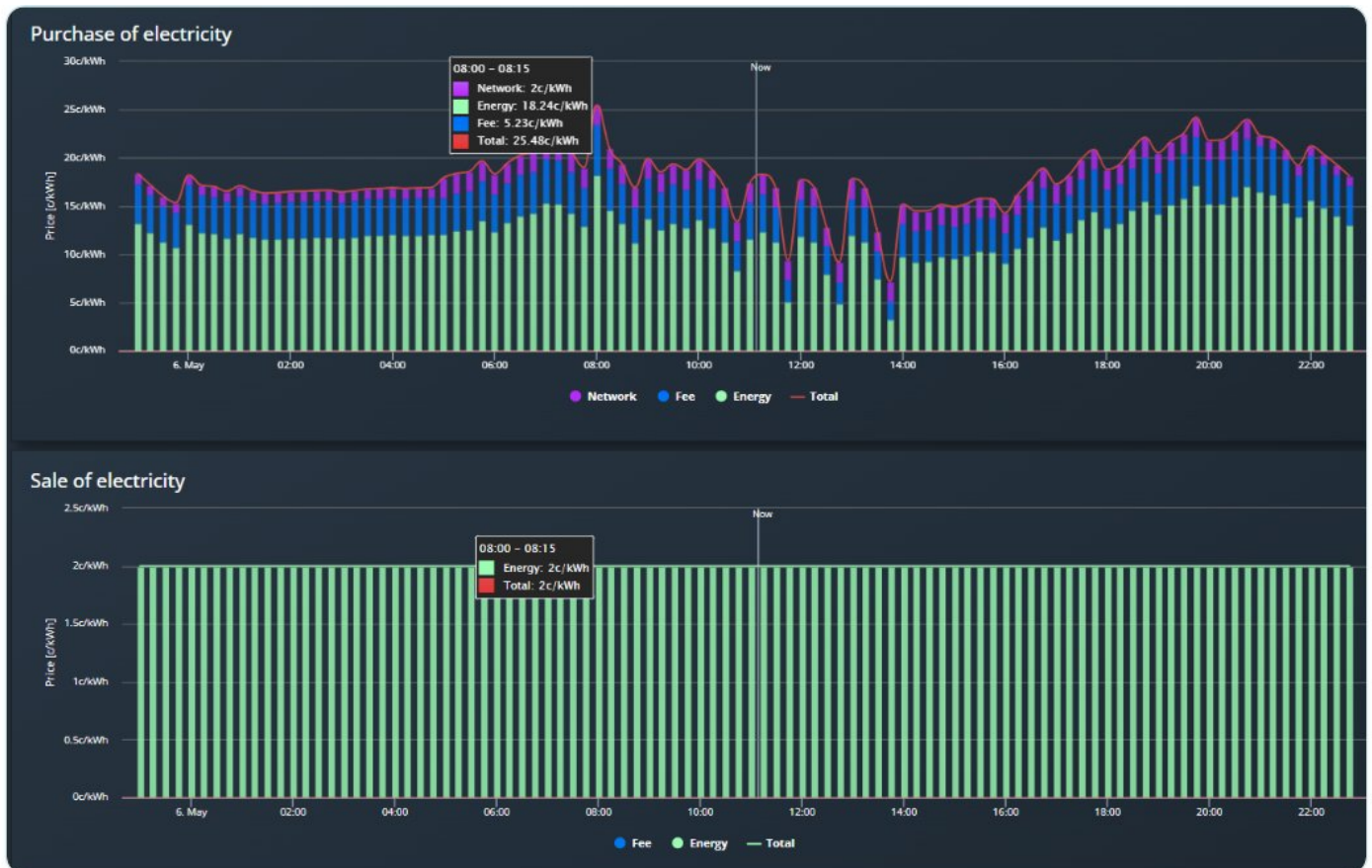
Click **Save** to store all pricing settings for the location.

The screenshot shows the 'Grid' pricing configuration interface. It is divided into two main sections: 'Grid energy fee price (per kWh)' and 'Grid power fee price (per kW)'.
 In the 'Grid energy fee price' section, the 'Define custom' toggle is active. Below it, the 'Fixed' tab is selected, and the 'Time of use' tab is also visible. A 'Utility plan' dropdown is set to 'Night/day'. There are two time blocks: 'night' with a price of 0.01 EUR and 'day' with a price of 0.02 EUR. Buttons for 'Preview' and 'Hide block prices' are present.
 In the 'Grid power fee price' section, the 'Define custom' toggle is also active. The 'Fixed' tab is selected, and the price is set to 0 EUR.

Network prices: distributor energy and power price

4.4 Viewing the pricing breakdown chart

After you save, the page shows a 24-hour pricing breakdown chart below the configuration form. The chart covers the selected date. Use the left and right arrows to change the date.



The pricing breakdown chart

Each bar represents a 15-minute interval. Hovering over a bar shows the exact cost components: Energy (green), Fee (blue), Network (purple), and Total (line) over 24 hours, and a Sale of electricity chart below.

The chart shows two sections:

- **Purchase of electricity:** the total cost per kWh, broken down into Network fee (purple), Fee/markup (blue), and Energy (green). The line shows the total.
- **Sale of electricity:** the revenue per kWh for energy exported to the grid. No network fee is charged for the sale of electricity.

The chart is an immediate visual confirmation that the pricing is configured correctly. It also lets you compare prices across the hours of the day. The optimization engine uses these prices to schedule controllable loads (EV charging, HVAC, battery) at the lowest-cost time slots.



Summary

Basics (Point 1): Reduxi needs four price components per location: supplier energy buy, supplier energy sell, distributor energy price and distributor power price. Energy is priced fixed, time of use or SPOT.

Time of Use plan (Point 2): Aggregator role only. Create the plan, define the time blocks, add a season and assign the blocks to every day of the week.

Predefined price lists (Point 3): Create fixed, time of use and SPOT market price lists under Settings, Plans & Prices, Predefined price lists.

Assign to the end user (Point 4): Open Manage Location, Utility Rate Plan. Select a price list or define custom prices, save, and check the pricing breakdown chart.



Common issues

ISSUE	SOLUTION
The Time of Use entry is missing in Settings	Time of Use is only available to an aggregator account. Ask your manager to create the plan.
The time of use plan or predefined price list is not in the dropdown	Ask your manager or installer to create it (see Points 2 and 3).
No price fields appear after selecting a Time of use plan	The plan has no time blocks defined. Define the blocks first (see Point 2.3).
Country, region or currency are not filled in on the Utility Rate Plan page	They are inherited from the location settings. Define them there before you configure a pricing plan.
Open configurator does not open or stays empty	The tunnel is not active yet. Wait about 30 seconds and check that the controller is online.
Login with <code>admin</code> is rejected	The password was changed during installation. Ask the installer. The Reduxi account password does not work here.
<code>reduxi.local</code> does not load	Your device is not in the same network as the controller. Use the IP address or the tunnel connection.
Communication test fails, device shows offline	Check reachability, IP address / port / unit ID, and that the protocol is enabled on the device.

Related articles

Matching guides from the Reduxi knowledge base:



Strategies for Reduxi controller

Use the prices in a strategy to reduce energy costs with dynamic prices and tariffs.



Device setup guides

All step-by-step guides for connecting devices to the Reduxi Controller



List of supported devices

All devices that work with the Reduxi Controller



Strategies for the Reduxi Controller

Energy manager and other strategies explained