

Sheet: TEST REC

Configuration personal data

Sheet name	TEST REC
Type	Renewable Energy Community
Status	to be constituted
City (Province)	Avigliana (TO)

Users and power plants of the configuration

User name	Category	POD name	No. POD same user	No. POD other users *	Type	Final use	Power plant (number of sections)
111	REC	sssdff	1		prosumer	custom consumption	PV (1)
231	citizen	fafefa	1	0	consumer	residential	
2eq	citizen	fafefa	1	0	consumer	residential	
test	third-party producer	test	1	0	producer		wind (1)

* POD con le stesse caratteristiche ma nella titolarità di membri diversi.

Photovoltaic power plants

User name (POD name)	111 (sssdff)
Production unit	1
Producer *	111
Owner	same as producer
Plant status	operational
Commissioning date	01-05-2024
Eligible for incentives	no
Already incentivized under Art. 42 bis DL 162/2019	no
Power [kW]	100
Mandatory power [kW]	10
Installation type	building
Exposure 1 - power / tilt / orientation	100 kW / 23° / 0°
Exposure 2 - power / tilt / orientation	
Electricity selling strategy	Free Market
Electricity price in free market [cent €/kWh]	10,0
RID transferred to configuration	
Yearly O&M costs [€/kW/year]	
Extraordinary O&M costs [€/kW]	

* Si assume che il produttore coincida con l'utente.
N.B. Eventuali dati indicati in grigio sono stimati.

Wind power plants

User name (POD name)	test (test)
Production unit	1
Producer *	test
Owner	same as producer
Plant status	not operational
Commissioning date	01-10-2025
Eligible for incentives	yes
Already incentivized under Art. 42 bis DL 162/2019	no
Power [kW]	250
Installation site characteristics	open, limited medium height obstacles
Site altitude [MASL]	100
Wind speeds - minimum / nominal / maximum	2.5 / 9 / 25 m/s
Hub height [m]	29,5
Electricity selling strategy	Free Market
Electricity price in free market [cent €/kWh]	10,0
RID transferred to configuration	
Yearly O&M costs [€/kW/year]	
Extraordinary O&M costs [€/kW]	

* Si assume che il produttore coincida con l'utente.
N.B. Eventuali dati indicati in grigio sono stimati.

Power plants - investment

User name (POD name)	111 (sssdff)	test (test)
Plant technology	photovoltaic	wind
Production unit	1	1
Commissioning date	01-05-2024	01-10-2025
Investment type		
Unitary investment cost [€/kW]		
Total investment [€]		
Loan: share of investment costs [%]		
Loan: interest rate [%]		
Loan: duration [years]		
Fee: type		
Fee: value		
Fee: duration [years]		
Final installment [€]		
TAN [%]		
EU subsidies	none	none
EU subsidy percentage		
Maximum reference cost [€/kW]		
Other non-EU subsidies	no	no
Non-EU subsidy percentage		
Maximum reference cost [€/kW]		
Subsidy percentage (for third-party producers)		0
Tax deductions	no	
Tax deductions rate		
Superbonus		

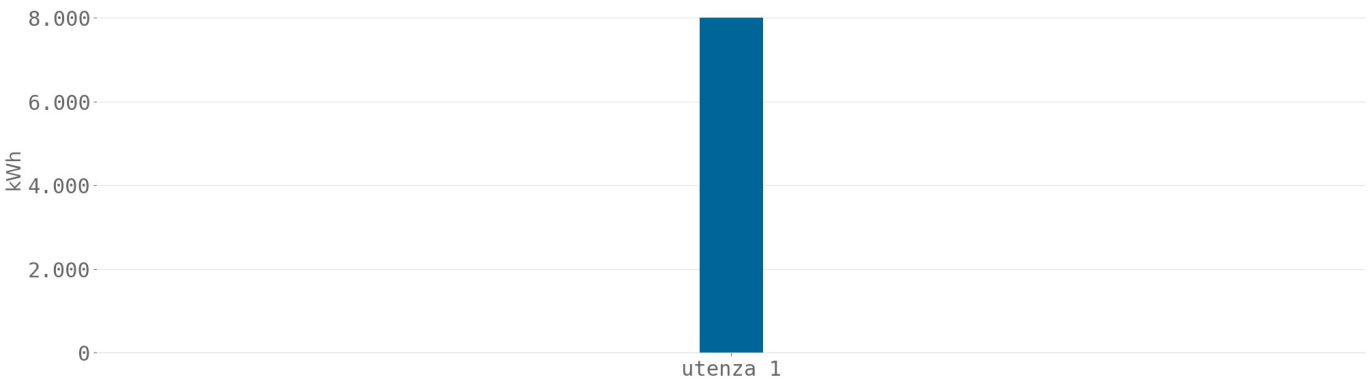
N.B. Gli impianti/UP sono ordinati per data di entrata in esercizio crescente.
Eventuali dati indicati in grigio sono stimati.

End customers

Username	POD name	Type	Power meter [kW]	Withdrawal availability	Final use	Electric energy price * [cent €/kWh]
111	sssdfd	prosumer	BT <= 15	yearly	custom consumption	25,0
231	fafefa	consumer	< 3	n.d.	residential	
2eq	fafefa	consumer	< 3	n.d.	residential	

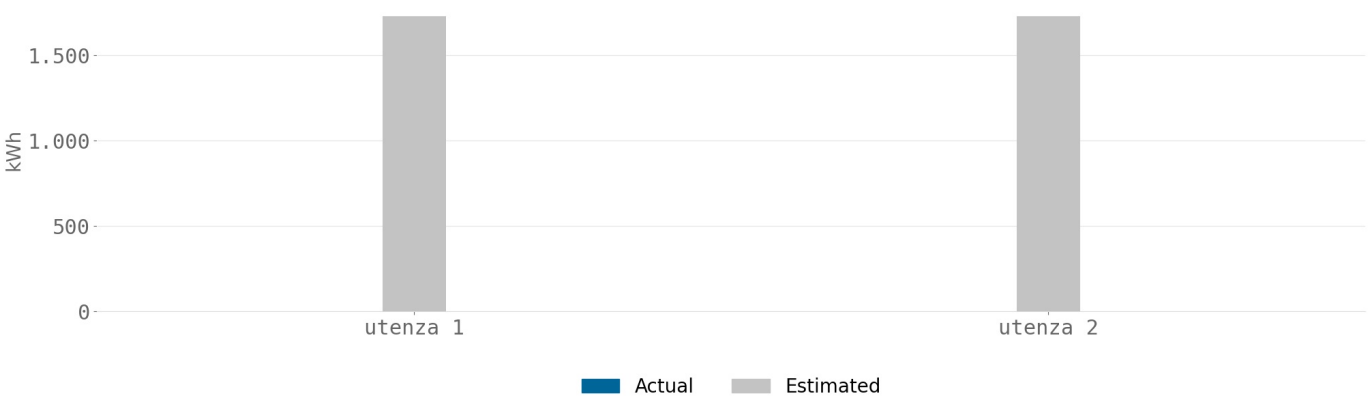
* Valore della quota energia (in euro/kWh) per la voce "spesa per la materia energia" ricavabile dalla bolletta, IVA esclusa.
N.B. Eventuali dati indicati in grigio sono stimati.

Annual withdrawals - Generic utilities with consumption profile



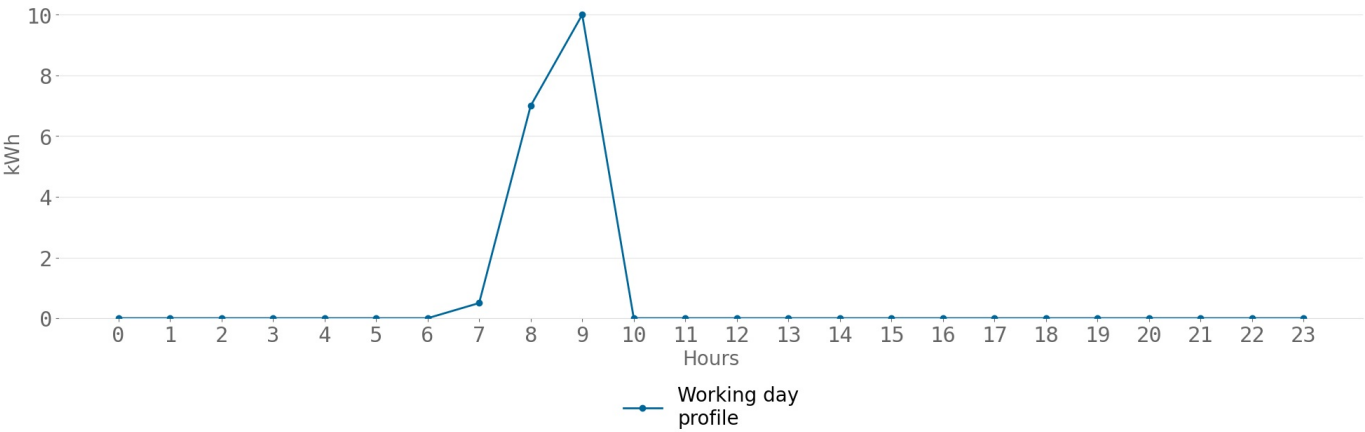
utenza 1: 111 (sssdff)

Annual withdrawals - Residential utilities



utenza 1: 231 (fafefa)
utenza 2: 2eq (fafefa)

Profilo di consumo orario: 111 (sssd)fd



Power plant parameters

Extraordinary maintenance frequency [years]:	
- Photovoltaic	11
- Wind	11
- Hydroelectric	
Photovoltaic module efficiency reduction [%/year]	0,5

Financial parameters

Equity capital cost of configuration [%]	0
Inflation [%]	2

N.B. Eventuali dati indicati in grigio sono stimati.

Configuration costs

Constitution [€]	0
Third-party services [€/year]	0
Staff [€/year]	0
Fee to third-party Referent of configuration	
Measuring devices [€/unit]	0
Monitoring system [€/year/POD]	0

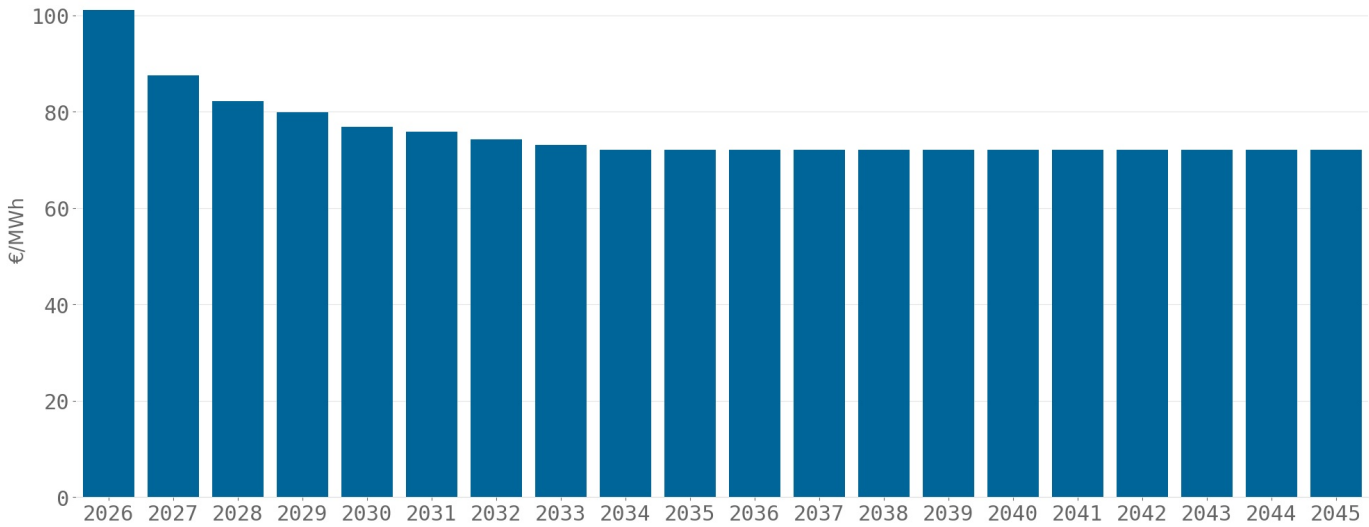
Membership fee

Registration [€]	
Yearly [€/year]	

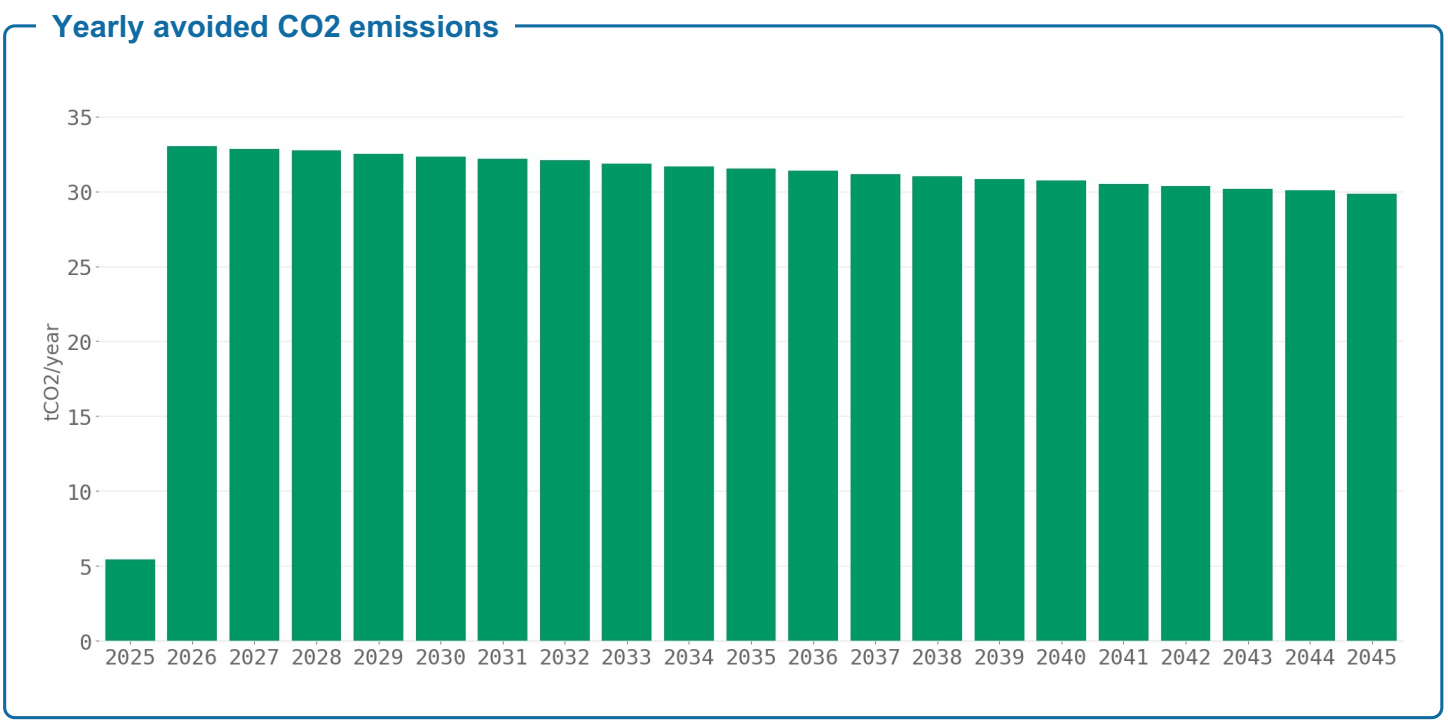
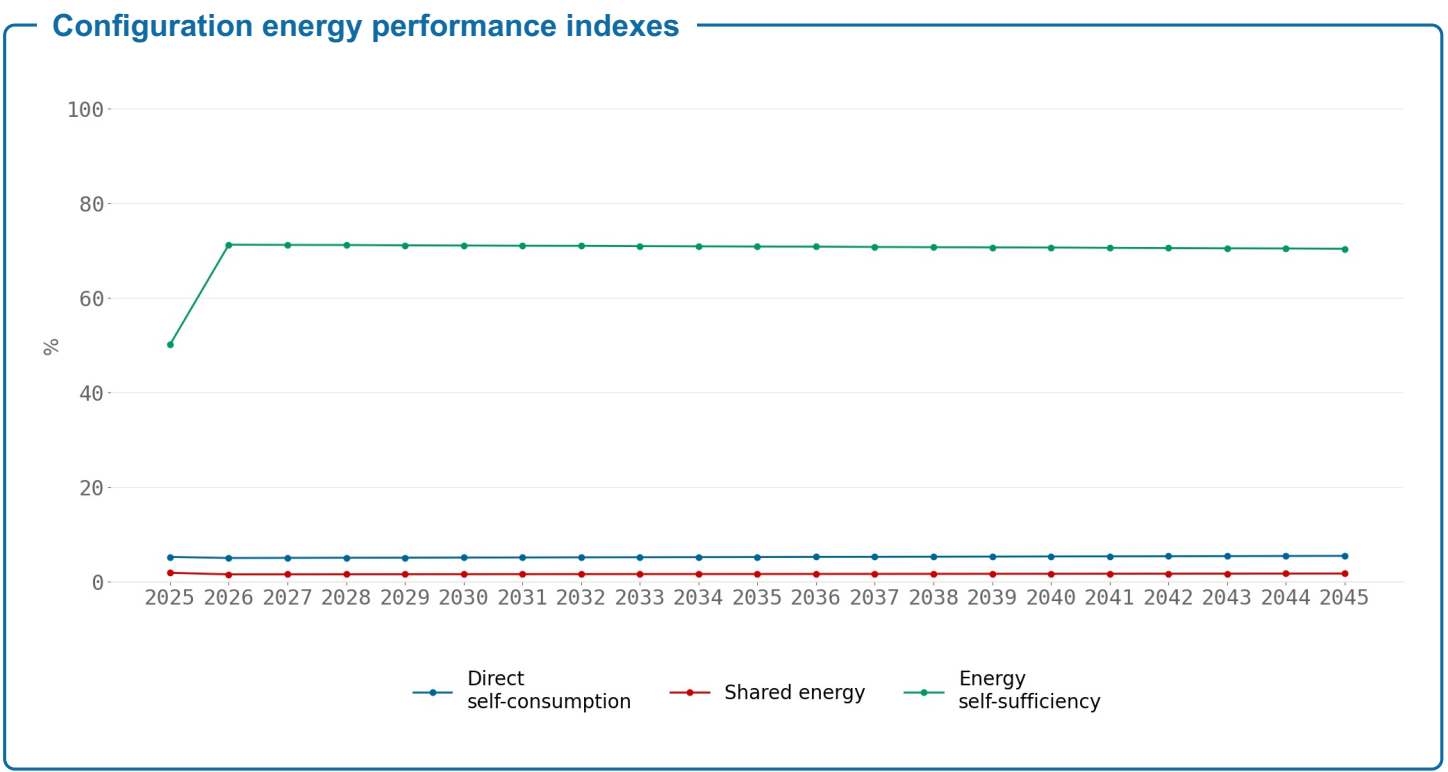
Use of configuration's revenues

Calculation basis	none
Use percentage [%]	
Service supply percentage [%]	

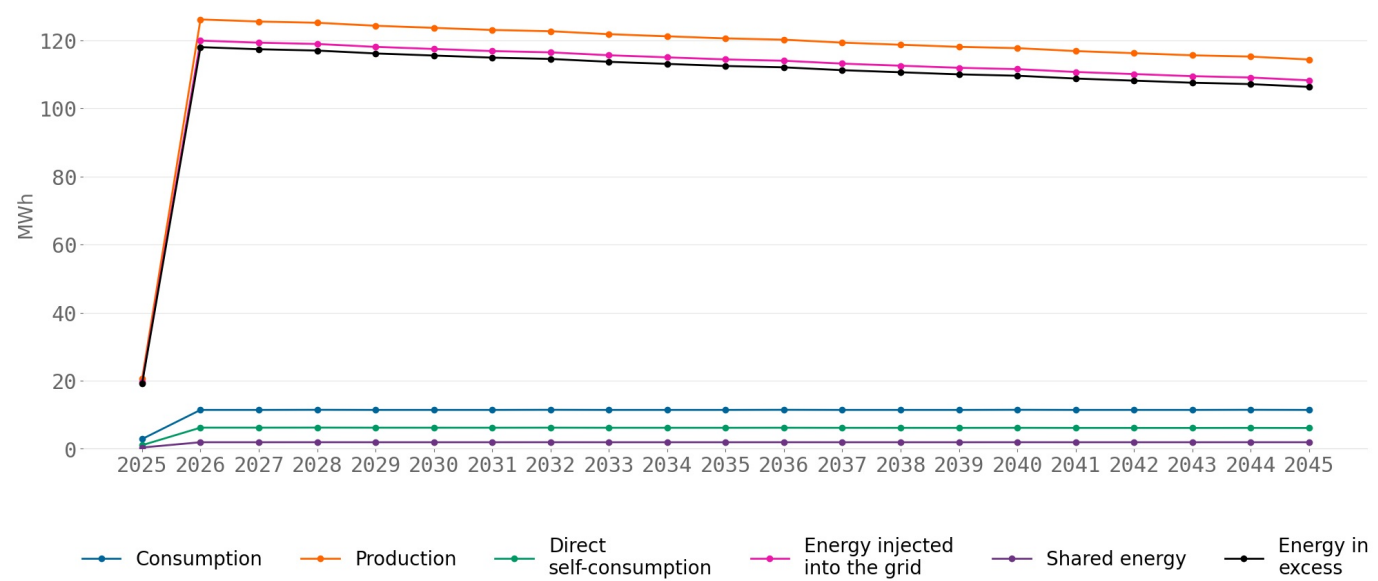
Average yearly reference electricity prices



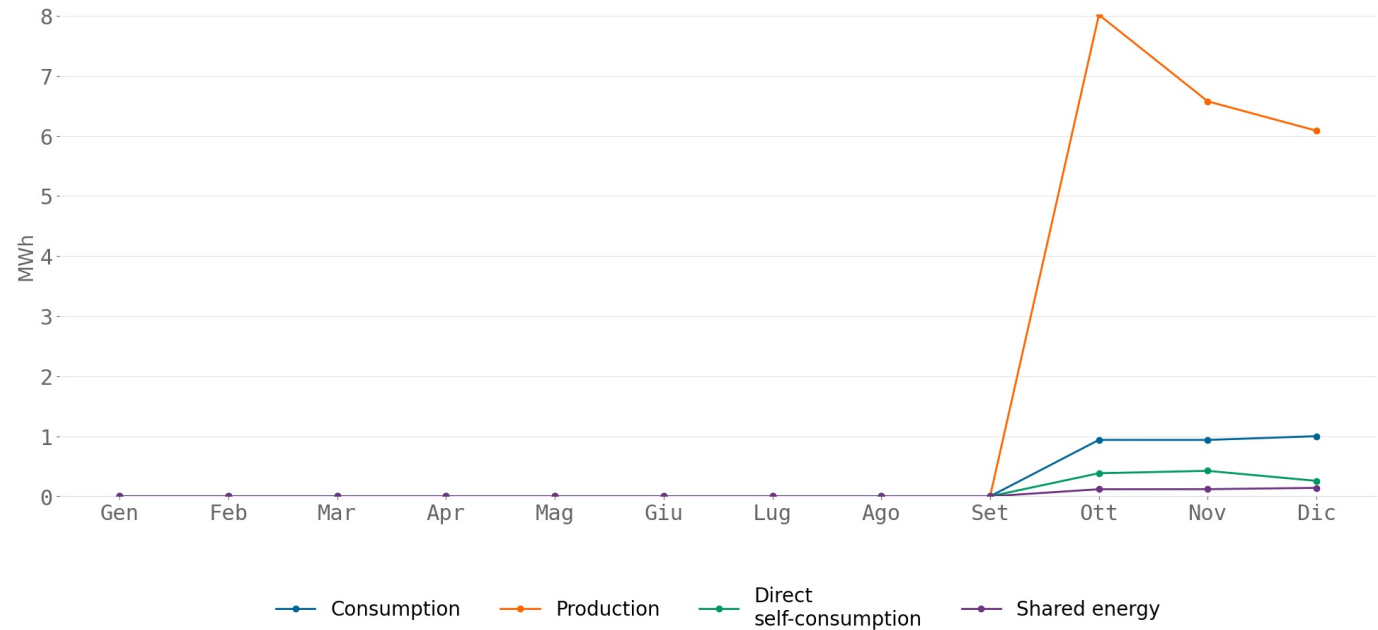
Risultati della simulazione



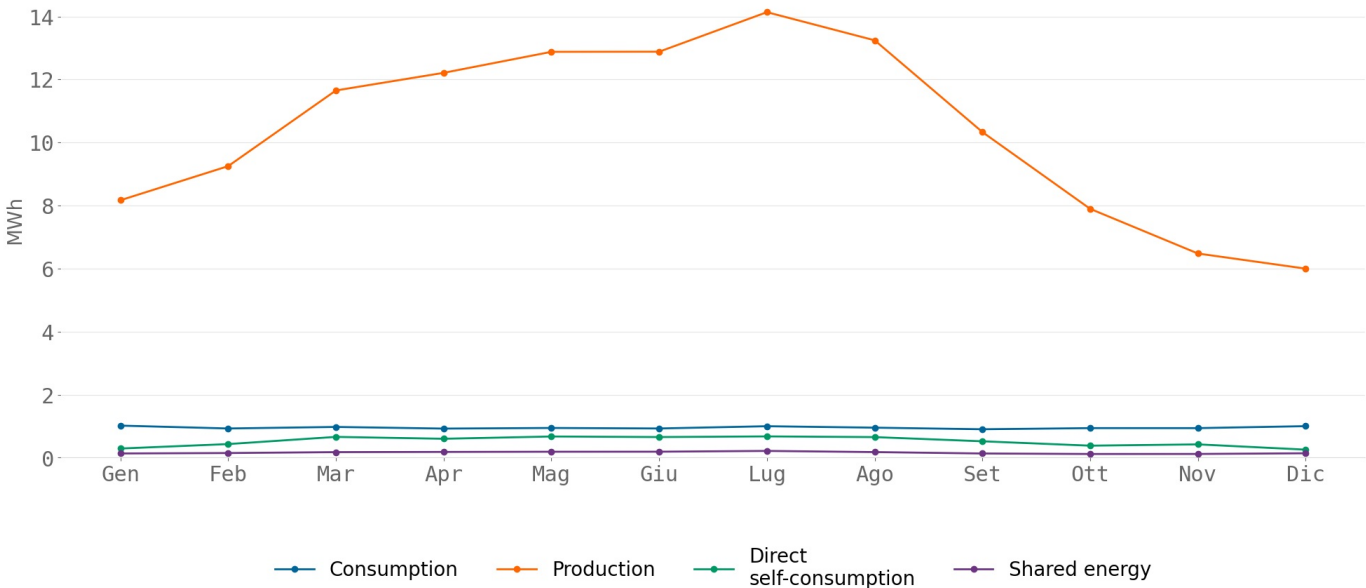
Yearly energy performance of configuration



Monthly energy performance of the configuration - year 2025



Monthly energy performance of the configuration - year 2028



Power plants available in the configuration

Total photovoltaic area

600,0
m2

Total photovoltaic power

100,0
kW

Total hydroelectric power

0,0
kW

Total wind power

250,0
kW

Share of power from
existing power plants (in
operation before
12/16/2021)

0,0
%

Share of power eligible
for incentive

71,4
%

Financial performance indexes

NPV over 20 years

183544,4
euro

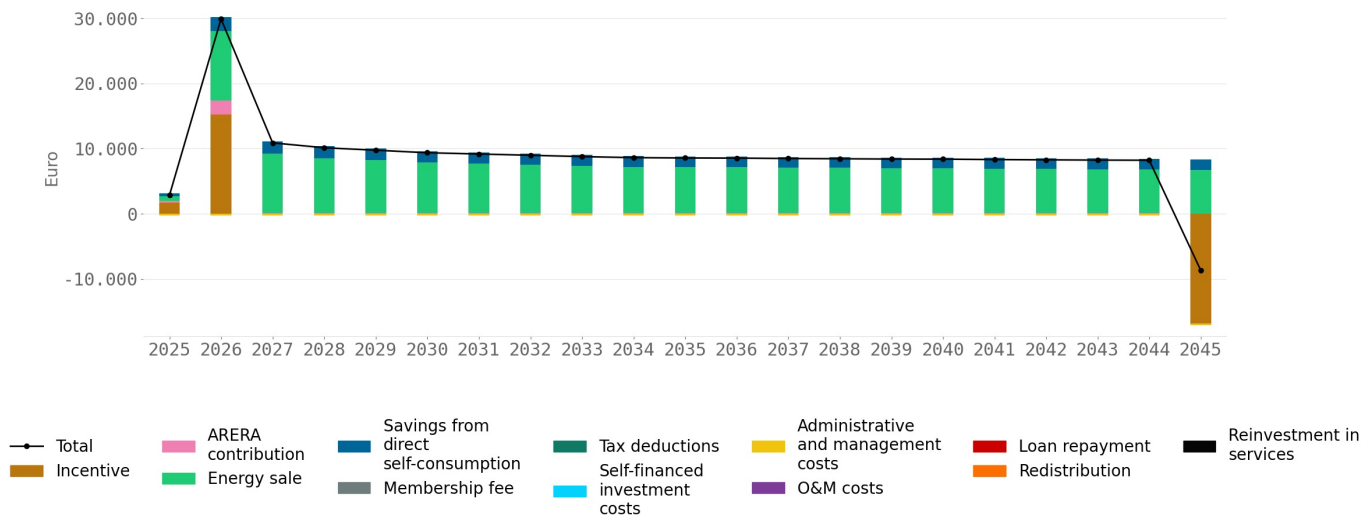
Internal Rate of Return

N.A.

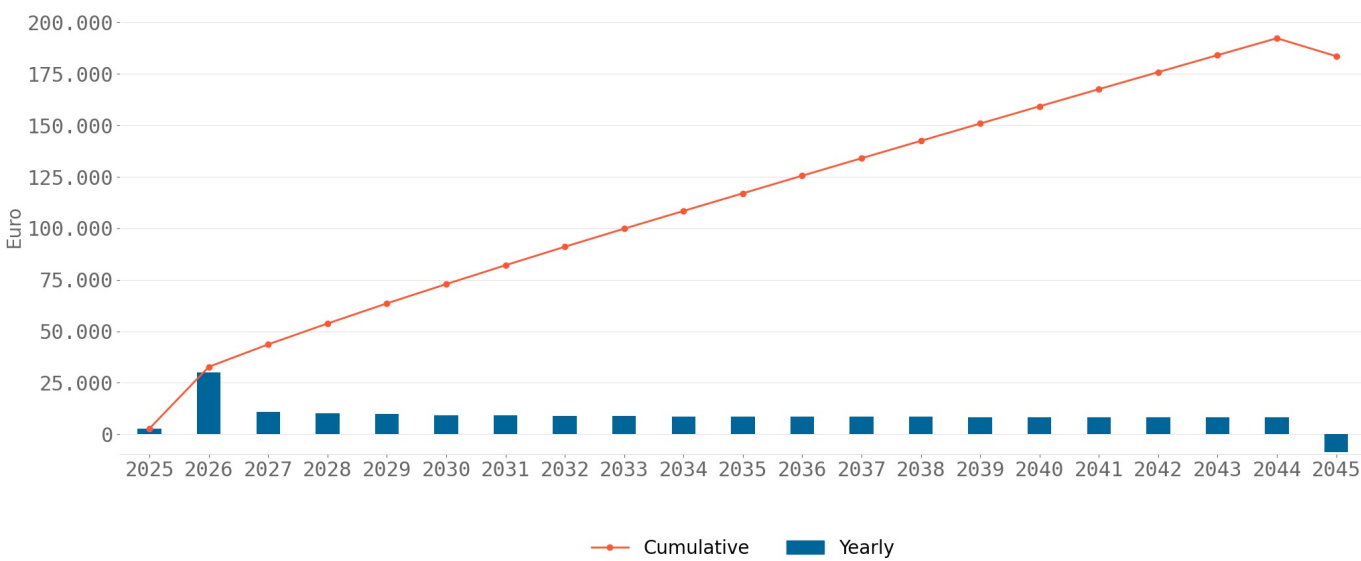
WACC

0,0
%

Non-discounted cashflows by type



Discounted cashflows



Liability limitations

RECON performs preliminary economic-financial simulations considering the potential contribution of public grants, incentives, and tax deductions. The estimates do not take into account any additional constraints set by the regulations governing the recognition of incentives, public grants, and tax deductions, which will be evaluated and subject to checks by the competent authorities according to the law, exclusively within the admission and control procedures, to be carried out in accordance with the relevant regulations. The results of RECON cannot be used in any way to make any claims against such authorities, including regarding the outcomes of the aforementioned procedures, nor can they be considered as verification of the requirements for accessing these incentives, grants, and tax deductions, nor can they create any expectation in this regard.