



PV Park

Project: Huruiesti, BC

Land Surface: 2,43 Ha

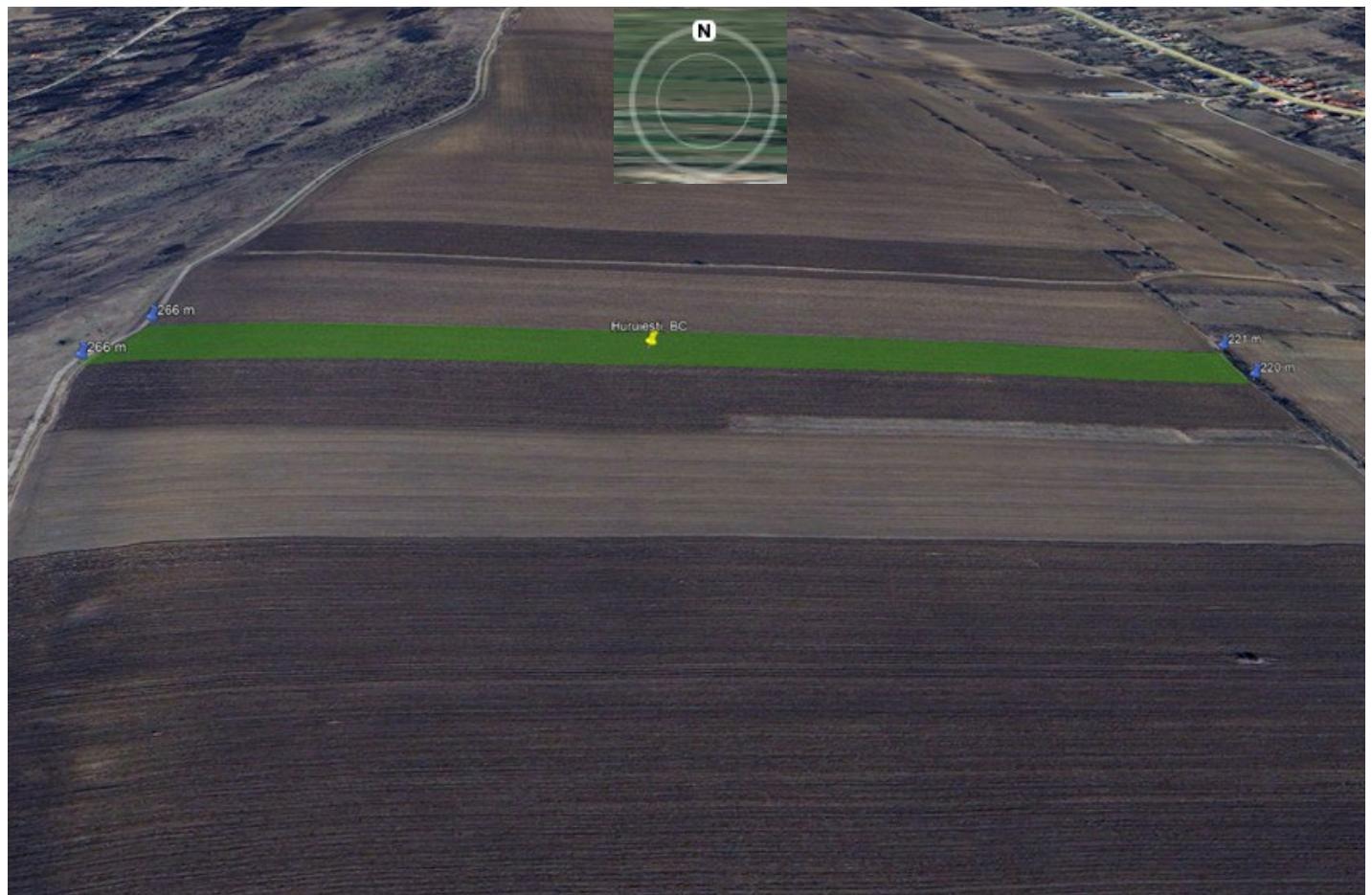
Installed PV Power: 2,376 MWp

Maximum Power Output to Grid: 2 MW



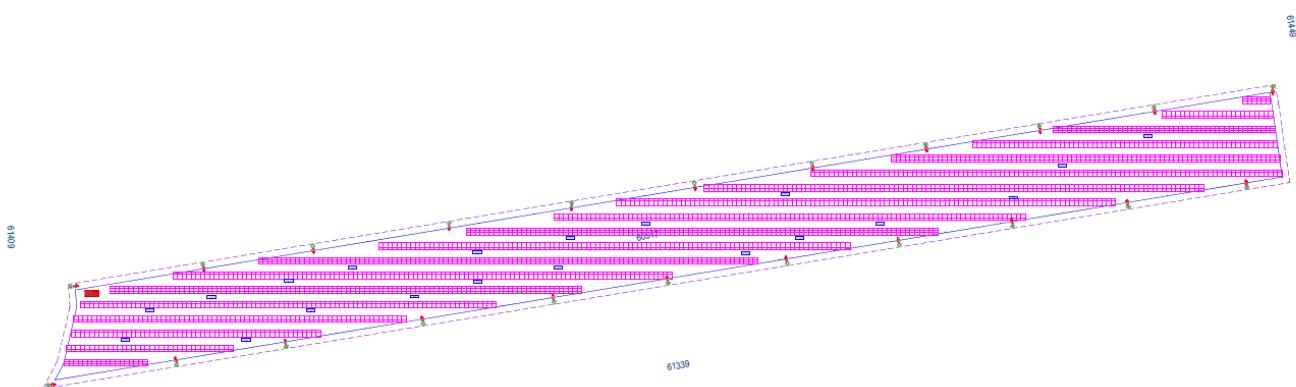


Curves Level





Layout Photovoltaic Park





PV Productions

Peak power: 2,36 MWp

Module surface: 9 724,3 m²

Total number of modules: 3 600

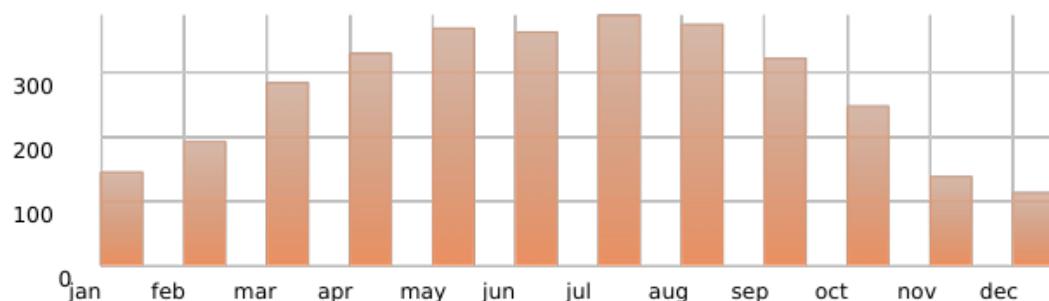
Total number of inverters: 21

Average values:

Annual production (DC): 3 481 MWh

Annual production (AC): 3 268 MWh

Monthly AC production (MWh/month):

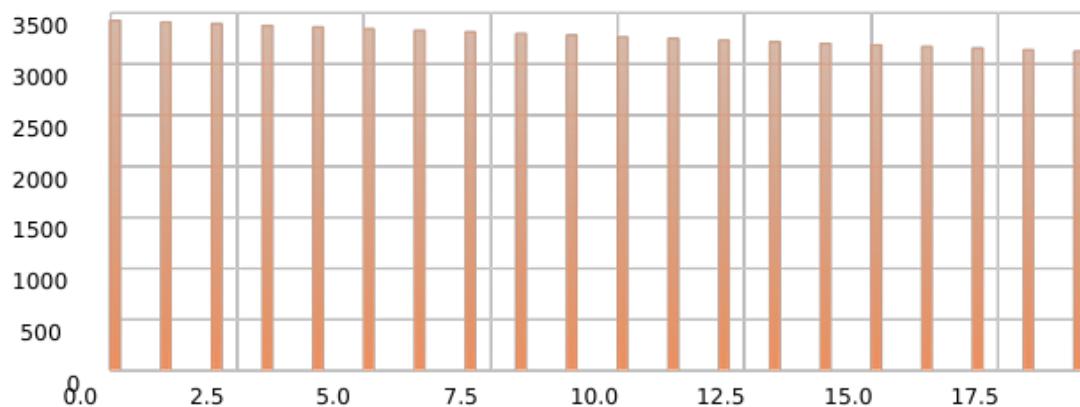


| Months | Jan | Feb | Mar | Apr | May | June | Jul | Aug | Sep | Oct | Nov | Dec |
|--------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|
| MWh | 145 | 193 | 284 | 330 | 368 | 363 | 389 | 375 | 322 | 247 | 138 | 113 |



Productions

AC production year by year (MWh):



| Years | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MWh | 3 259 | 3 243 | 3 227 | 3 212 | 3 196 | 3 180 | 3 165 | 3 149 | 3 134 | 3 118 |

EMISSIONS AVOIDED: 1 307 CO2 equivalent (ton) *

* Quantity of greenhouse gases that would have been emitted during the observation period if this electricity had been generated through conventional means (20 g eq CO2/kWh)

* Important: this does not mean that all the emissions would be avoided, since the process of manufacturing and transporting PV modules also generates greenhouse gas emissions.



Economics

Costs:

Investment: 1.414 million EUR
 Inverter renewal: 223 517 EUR
 Maintenance: 1.00 %

Bank loan:

Amount: 1 413 720 EUR
 Interest rate: 3.50 %

Project type:

Total sale

Energy sales price produced:

0.0600 EUR/kWh

Price evolution:

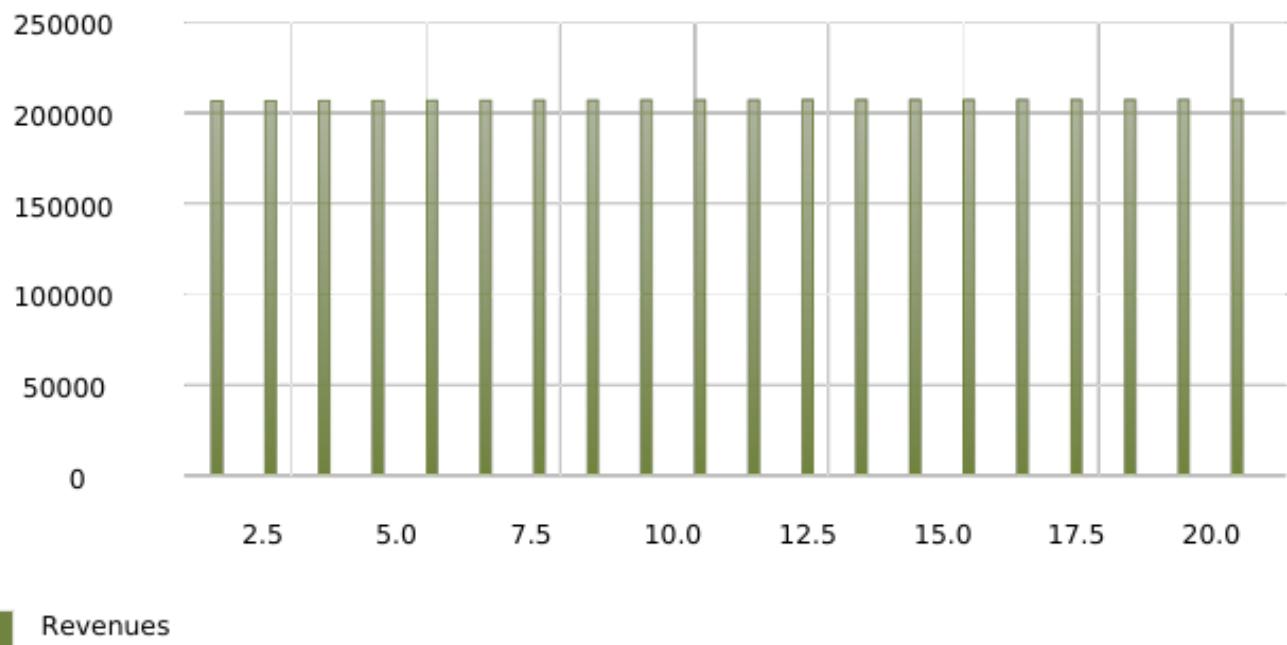
+ 0.5 %/year

Economic results:

Annual revenue: 206 533 EUR/year
 Cumulated revenues: 4.131 million EUR
 Maintenance cost: 17 518 EUR/year

LCOE: 0.033 EUR/kWh
 Net present value: 1.125 million EUR
 Payback period: 8 year(s)
 Discounted payback period: 9 year(s)
 Internal rate of return: 11.40 %

Revenues year by year (EUR):





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opcom operatorul pieței de energie electrică și de gaze naturale din România

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Important pentru prosumatorii
Prețul mediu ponderat pe PZU pentru
august 2025: 409,45 lei/MWh

60 EUR / MWh
Price for 5-years average-PPA
(Public Purchase Agreement)

ROPEX_DAM_H Piața pentru ziua următoare - Ziua de livrare 29/9/2025 [lei/MWh]

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--------------------|--------|--------|--------|--------|--------|--------|--------|----------|----------|--------|--------|--------|
| ROPEX_DAM_Base | 720,39 | 477,70 | 467,55 | 463,60 | 465,30 | 465,18 | 517,20 | 880,27 | 1.399,53 | 855,00 | 593,01 | 467,39 |
| ROPEX_DAM_Peak | 786,42 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| ROPEX_DAM_Off_Peak | 654,36 | 413,25 | 406,34 | 443,30 | 462,11 | 545,36 | 874,78 | 1.769,40 | 2.162,00 | 884,87 | 688,65 | 600,00 |

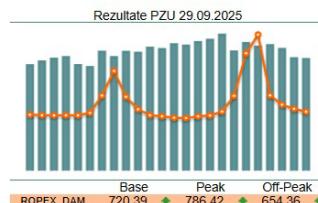
ROPEX_FM_M Piața la termen 2024-2026 [lei/MWh]

| | ian | feb | mar | apr | mai | iun | iul | aug | sep | oct | nov | dec |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ROPEX_FM_2024 | 498,90 | 570,29 | 566,27 | 471,77 | 473,65 | 459,20 | 465,66 | 486,90 | 497,59 | 497,97 | 510,17 | 511,08 |
| ROPEX_FM_2025 | 525,77 | 526,85 | 526,01 | 519,46 | 505,10 | 504,57 | 507,20 | 538,41 | 533,26 | 531,11 | 536,01 | 539,70 |
| ROPEX_FM_2026 | 568,76 | 571,01 | 571,01 | 571,01 | 567,55 | 567,49 | 567,55 | 568,20 | 568,13 | 568,19 | 568,16 | 568,15 |

ROPEX_GC_M Certificate Verzi (PCSCV) 2024-2025 [lei/CV]

| | ian | feb | mar | apr | mai | iun | iul | aug | sep | oct | nov | dec |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 145,43 | 145,43 | 145,43 | 145,43 | 145,43 | 145,43 | 145,43 | 145,43 | 145,43 | 145,43 | 145,43 | 145,43 | 145,43 |
| 146,25 | 146,25 | - | 146,25 | 146,25 | 146,25 | 146,25 | 146,25 | 146,25 | 146,25 | - | - | - |

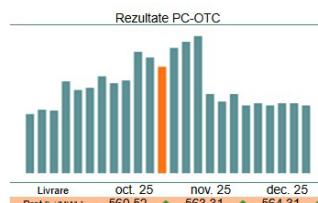
Rezultate PZU 29.09.2025



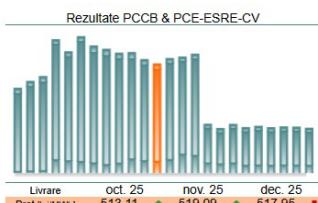
Rezultate cuplare: 29.09.2025



Rezultate PC-OTC



Rezultate PCCB & PCE-ESRE-CV



Opcom Anunțuri

- 08/05/2025 A fost publicat: Anunțul privind selectia membrilor Consiliului de administrație la Societatea Operatorul Pieței de Energie Electrică și de Gaze Naturale „OPCOM” S.A.
- 15/09/2025 Importanță: DECIZIA(UE) 2025/1771 A COMISIEI din 8 septembrie 2025 privind taxele datorate Agenției Uniunii Europene pentru Cooperarea Autorităților de Reglementare din Domeniul Energiei
- 12/09/2025 Vă informăm că a fost avizată de către ANRE Procedura privind constituirea și actualizarea garanțiilor financiare de către plătitori de contribuție CID și executarea garanțiilor financiare
- 01/09/2025 În conformitate cu prevederile Ordinului ANRF nr. 15/2022, OPCOM publică prețul

Opcom Comunicate de presă

- 12/09/2025 Produsele de 15 minute vor fi introduse pe piata de energie electrică pentru ziua următoare
- 05/09/2025 Participanți noi în luna august
- 11/08/2025 25 de ani de dezvoltare cu succes al OPCOM

Știri

- 24/03/2025 Energynamics: Maria De Melo (BERD) consideră piata de energie regenerabilă din România drept un model pentru Europa
- 10/03/2022 Reacția Europei la „COMUNICAREA COMISIEI CĂTRE PARLAMENTUL EUROPEAN, CONSILIUL EUROPEAN, CONSILIUL COMITETUL



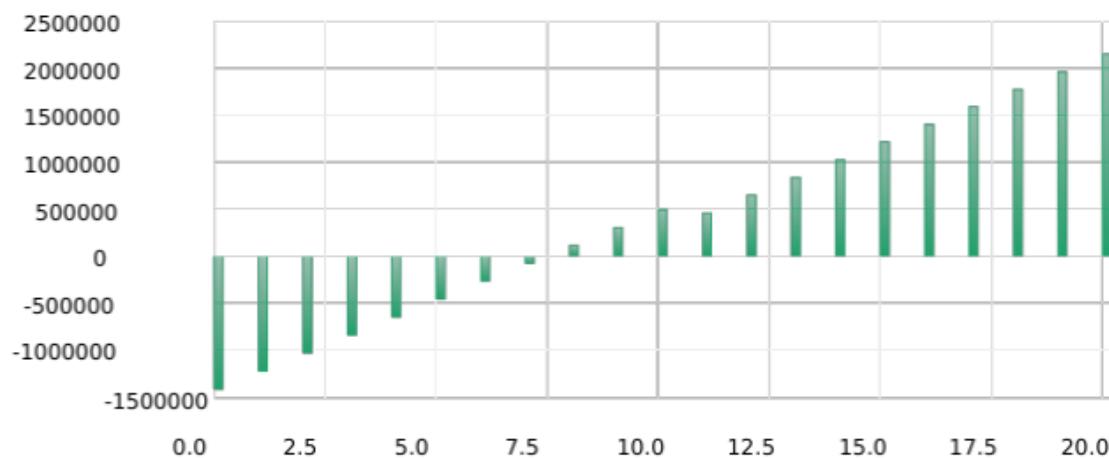
Estimated results

| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Production (kWh) | 3 420 672 | 3 404 270 | 3 387 928 | 3 371 651 | 3 355 430 | 3 339 241 | 3 323 109 | 3 307 015 | 3 290 952 | 3 274 951 |
| Selling | | | | | | | | | | |
| Prices (EUR/kWh) | 0.0603 | 0.0606 | 0.0609 | 0.0612 | 0.0615 | 0.0618 | 0.0621 | 0.0624 | 0.0628 | 0.0631 |
| Sales revenue (EUR) | 206 266.5 | 206 303.9 | 206 340.1 | 206 375.5 | 206 409.5 | 206 440.7 | 206 470.6 | 206 498.1 | 206 522.5 | 206 546.0 |
| Total (EUR) | | | | | | | | | | |
| Revenues | 206 266.5 | 206 303.9 | 206 340.1 | 206 375.5 | 206 409.5 | 206 440.7 | 206 470.6 | 206 498.1 | 206 522.5 | 206 546.0 |
| Maintenance | 14 419.9 | 14 708.3 | 15 002.5 | 15 302.6 | 15 608.6 | 15 920.8 | 16 239.2 | 16 564.0 | 16 895.3 | 17 233.2 |
| Inverter renewal | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Results | 191 846.5 | 191 595.5 | 191 337.6 | 191 072.9 | 190 800.9 | 190 520.0 | 190 231.4 | 189 934.1 | 189 627.2 | 189 312.8 |

| Year | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Production (kWh) | 3 259 005 | 3 243 125 | 3 227 290 | 3 211 522 | 3 195 815 | 3 180 169 | 3 164 583 | 3 149 061 | 3 133 596 | 3 118 189 |
| Selling | | | | | | | | | | |
| Prices (EUR/kWh) | 0.0634 | 0.0637 | 0.0640 | 0.0643 | 0.0647 | 0.0650 | 0.0653 | 0.0656 | 0.0660 | 0.0663 |
| Sales revenue (EUR) | 206 567.9 | 206 589.2 | 206 608.4 | 206 627.0 | 206 644.5 | 206 661.0 | 206 676.3 | 206 690.9 | 206 704.2 | 206 716.4 |
| Total (EUR) | | | | | | | | | | |
| Revenues | 206 567.9 | 206 589.2 | 206 608.4 | 206 627.0 | 206 644.5 | 206 661.0 | 206 676.3 | 206 690.9 | 206 704.2 | 206 716.4 |
| Maintenance | 17 577.8 | 17 929.4 | 18 288.0 | 18 653.7 | 19 026.8 | 19 407.3 | 19 795.5 | 20 191.4 | 20 595.2 | 21 007.1 |
| Inverter renewal | 223 516.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Results | -34 526.7 | 188 659.8 | 188 320.4 | 187 973.3 | 187 617.7 | 187 253.6 | 186 880.8 | 186 499.5 | 186 109.0 | 185 709.2 |



Economics



| Years | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-------|---------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| EUR | 458 033 | 646 693 | 835 013 | 1 022 986 | 1 210 604 | 1 397 858 | 1 584 739 | 1 771 239 | 1 957 348 | 2 143 057 |



Economics PV

| Project assumptions | | |
|--|------------------|--------------|
| Project name | Huruiesti, Bacau | |
| Installed Capacity | 2,376 | MWp |
| Full load net hours | 1.398 | MWh/Mwp/year |
| Annual panel degradation | 0,4% | p.a. |
| Energy base price | 60 | €/MWh |
| Inflation rate | 2% | p.a. |
| Project cost breakdown | | |
| Cost PV park per MWp | 595.000 | €/MWp |
| Cost PV park | 1.413.720 | € |
| Customer-Side Works Tu | 500 | € |
| Grid Connection Installations Tr | 71.217 | € |
| Grid Reinforcement Ti specific | 16.181 | € |
| Grid Connection Route | 15.200 | € |
| TOTAL COST PV park | 1.501.618 | € |
| Total Cost | 1.516.818 | € |
| Total Cost /MWp | 638.391 | €/MWp |
| Operational cost breakdown | | |
| Insurance/ MW/year | 3.000 | €/MWp/year |
| Operation& Maintenance/ MW/year | 1.500 | €/MWp/year |
| Balancing & forecasting services | 2.000 | €/MWp/year |
| Accounting, bank, legal, Opcom fees etc | 1.500 | €/year |
| Utilities (energy and water) | 2.000 | €/MWp/year |
| Contingencies/year | 2% | p.a. |
| Security services | 1.000 | €/MWp/year |
| Tax on land and construction | 2.500 | €/year |
| Depreciable assets | 921.818 | € |
| Depreciation period | 20 | years |
| Annual depreciation | 46.091 | € |
| Financial assumptions | | |
| Equity | 530.886 | € |
| Loan Amount | 985.931 | € |
| Leverage | 65% | % |
| VAT credit line (21% of CAPEX hard cost) | 18.458 | € |
| Interest rate loan - Euribor 1 M | 2,68 | % |
| Interest Margin | 3,75 | % |
| Loan Maturity | 12 | years |
| Grace period | 12 | months |
| Monthly Instalments | 132 | |
| Nominal cost of equity | 15% | % p.a. |
| Cost of debt | 6,4% | % p.a. |
| Tax rate | 16% | % p.a. |
| WACC | 8,8% | % p.a. |
| Financial ratios project | | |
| IRR project | 10% | % |
| IRR equity | 13% | % |
| NPV project | 83.990 | € |
| Payback period | 9 | years |

According to the approved Engineering Solution Study, the indicative cost of grid reinforcement works (TI) is estimated at approximately 16.181€. This value will be reassessed at the commissioning stage, and experience from similar projects shows that the final reinforcement costs tend to decrease significantly.