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Results analysis

PPE2 tender for rooftop PV – Session #6

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PPE2 PV rooftop tender #6 – Introduction

The PPE2 tender for rooftop PV grants solar developers a feed-in premium for their installation

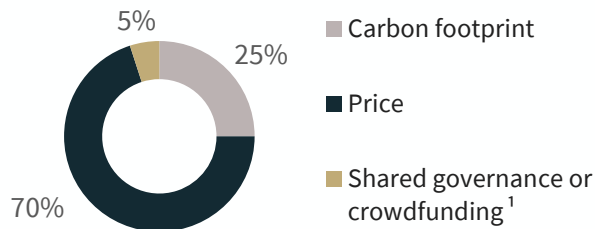
Introduction

- With the CRE4 tenders program coming to an end in 2021, the French Ministry of Ecological and Solidarity Transition released in August 2021 its **new renewables tenders' plan to takeover**. Called “PPE2” due to its central role in France’s second multi-annual energy plan (*Programmation Pluriannuelle de l’Energie*), this new program will include several tender rounds for nearly **29 GW called**, with applications **starting from 2021 and ending in 2026**. Among all PPE2 tenders, one supports PV rooftop installations above 500 kWp located in mainland France
- We are today analyzing the results of the **6th session of the PPE2 tender for PV rooftops**, released on March 19th, 2024. The **average awarded tariff** is stable compared to the last session of the PPE2 tender for PV rooftops **at €102.1/MWh** (vs. €102.0/MWh under the fifth session). The **total capacity subscribed reached 362.2 MWp, close to the target capacity of 400 MWp**

Tender criteria

- Type: Rooftops, green houses, barns & car parks

- Capacity: Above 500 kWp



- Rating:

Key data

	PPE2 Session #5	PPE2 Session #6
Awarded capacity	378.3 MWp	362.2 MWp
Number of awarded projects	90	90
Average awarded tariff	€ 101.95/MWh	€ 102.10/MWh
Maximum bidding tariff	No maximum bidding tariff	No maximum bidding tariff
Application deadline	June 23 th , 2023	December 1 st , 2023

¹ Shared governance and crowdfunding premium are mutually exclusive, with shared governance accounts graded between 0% to 5% while crowdfunding will be either 0% or 3% with no intermediate value



PPE2 PV rooftop tender – What’s new since CRE4

The PPE2 tender for PV rooftops, shade & green houses is a straight-forward follow-up to the CRE4 rooftop tender with some adaptations

Notable adjustments since CRE4 rooftop tender

The PPE2 tender for rooftop PV has evolved from the CRE4 rooftop tender:

- **Shade houses** are now **part of this tender** – under CRE4, shade houses needed to apply to the tender for ground-mounted plants (IAS)
- **Compatibility** of the tender **with installations featuring storage system** – although the latter can not be subsidized under this tender
- **Rating criteria adjustments:** shared governance and crowdfunding are now part of the overall rating:
 - **Shared governance** accounts for the long-term ownership of the projects by local individuals or communities
 - **Crowdfunding** accounts for the financing of the project by local individuals or communities. It is to be noted that the shared governance and crowdfunding ratings are mutually exclusive: one grade will always remain null
- The tender no longer differentiates different categories of assets. Instead, for each tender, **priority will be given to projects below 1 MWp for up to 50 MWp of tendered capacity**. In case of undersubscription for this reserved capacity, the CRE will eliminate the worst bids
- The **commissioning delay is also increased** from 24 months to 30
- **Financial guarantees** will now be **paid by project sponsors when applying to the tender** and released if the project is not awarded
- Implementation of the **Deggendorf rule:** the project sponsor can not apply if currently subject to a State order for repayment for unlawful aid

Carbon footprint’s reference values for rating

Minimum	200 kg CO2 eq/kWp
Maximum	550 kg CO2 eq/kWp

Tender calendar

	Application deadline	Tendered capacity
1st session	October 22 th , 2021	300 MWp
2nd session	February 25 th , 2022	400 MWp
3rd session	July 1 st , 2022	400 MWp
4th session	January 20 th , 2023	400 MWp
5th session	June 23 rd , 2023	800 MWp
6th session	December 1st, 2023	400 MWp
7th session	2023 TBD	400 MWp
8th, 9th & 10th sessions	2024 TBD	300, 400 & 400 MWp
11th, 12th & 13th sessions	2025 TBD	300, 400 & 400 MWp
14th session	2026 TBD	300 MWp

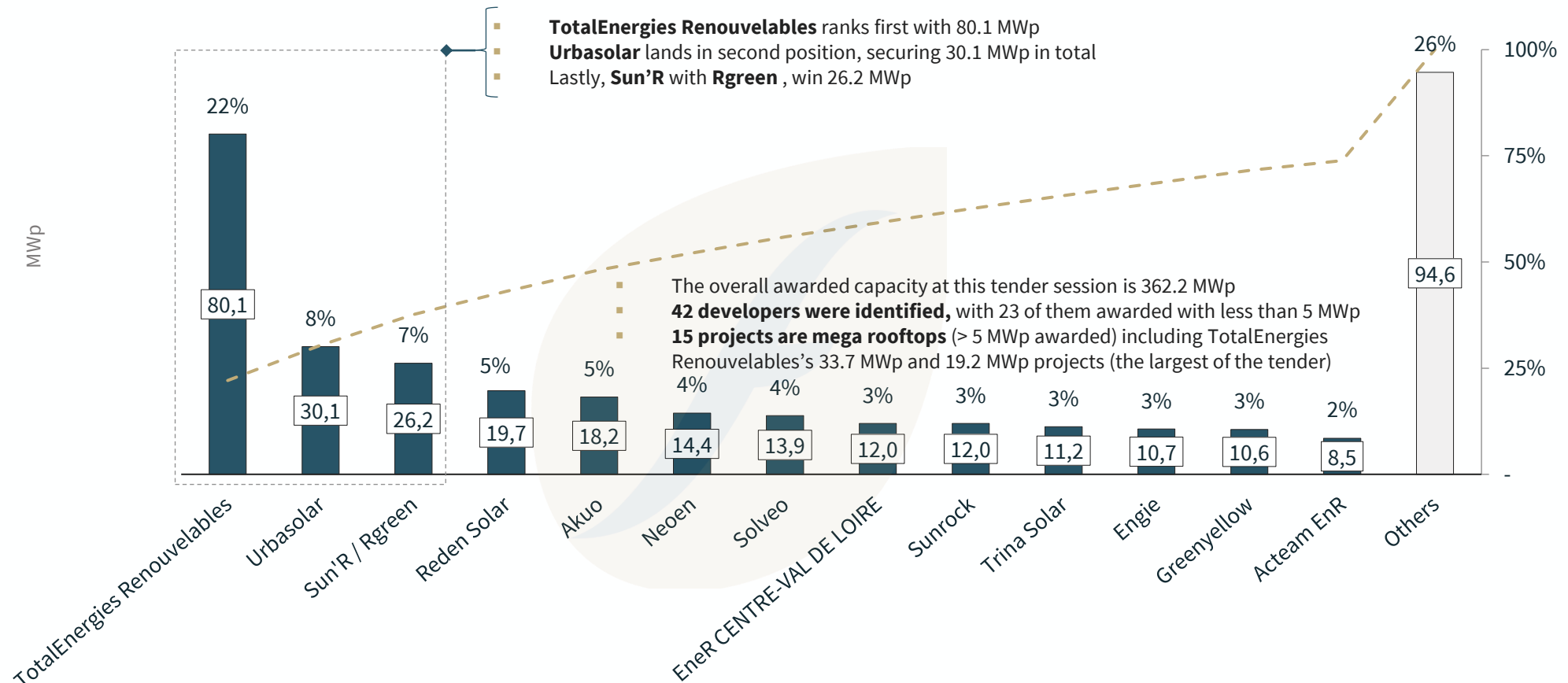
N.B. Finergreen has released a comparative study on the key adjustments made since CRE4 in the different PPE2 tenders’ specifications. Please reach out to us if interested!



PPE2 PV rooftop tender #6 – Awarded projects

The total awarded capacity amounts to 362.2 MWp, with 42 identified developers

Capacity awarded per developer (MWp)



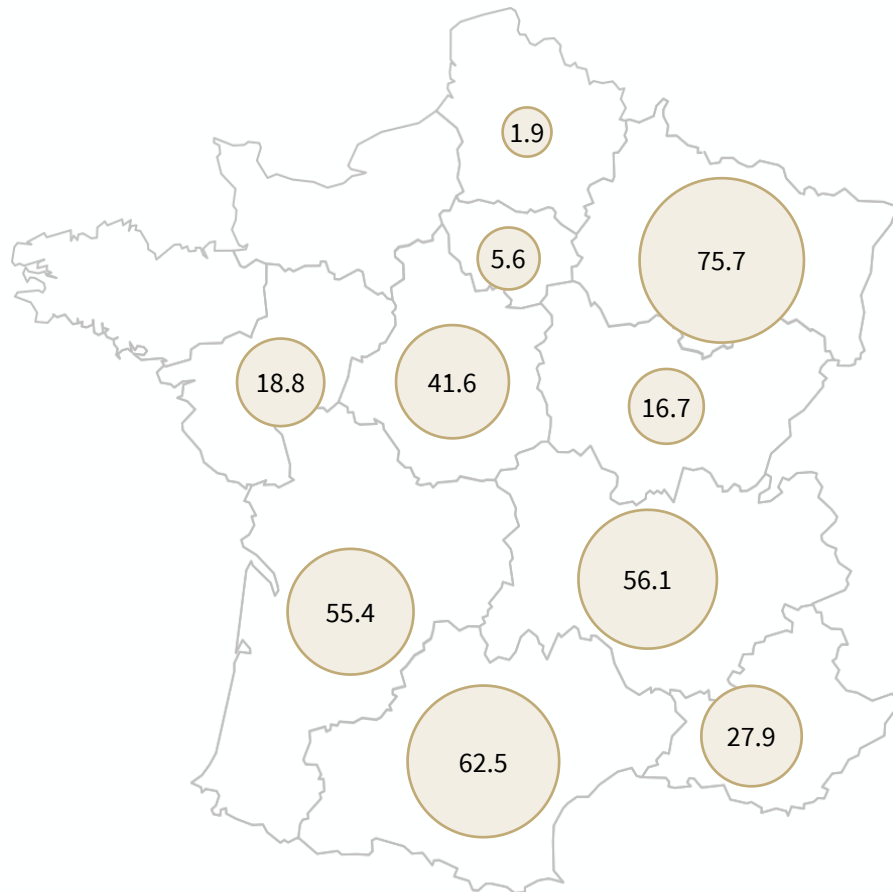
N.B.: This graph shows the cumulated projects capacity awarded to each developer; the developer might not be the final owner of the plant



PPE2 PV rooftop tender #6 – Mapping

Grand Est is the most awarded region with 75.7 MWp, followed by Occitanie (62.5 MWp) and Auvergne-Rhône-Alpes (56.1 MWp)

Capacity awarded per region (MWp)

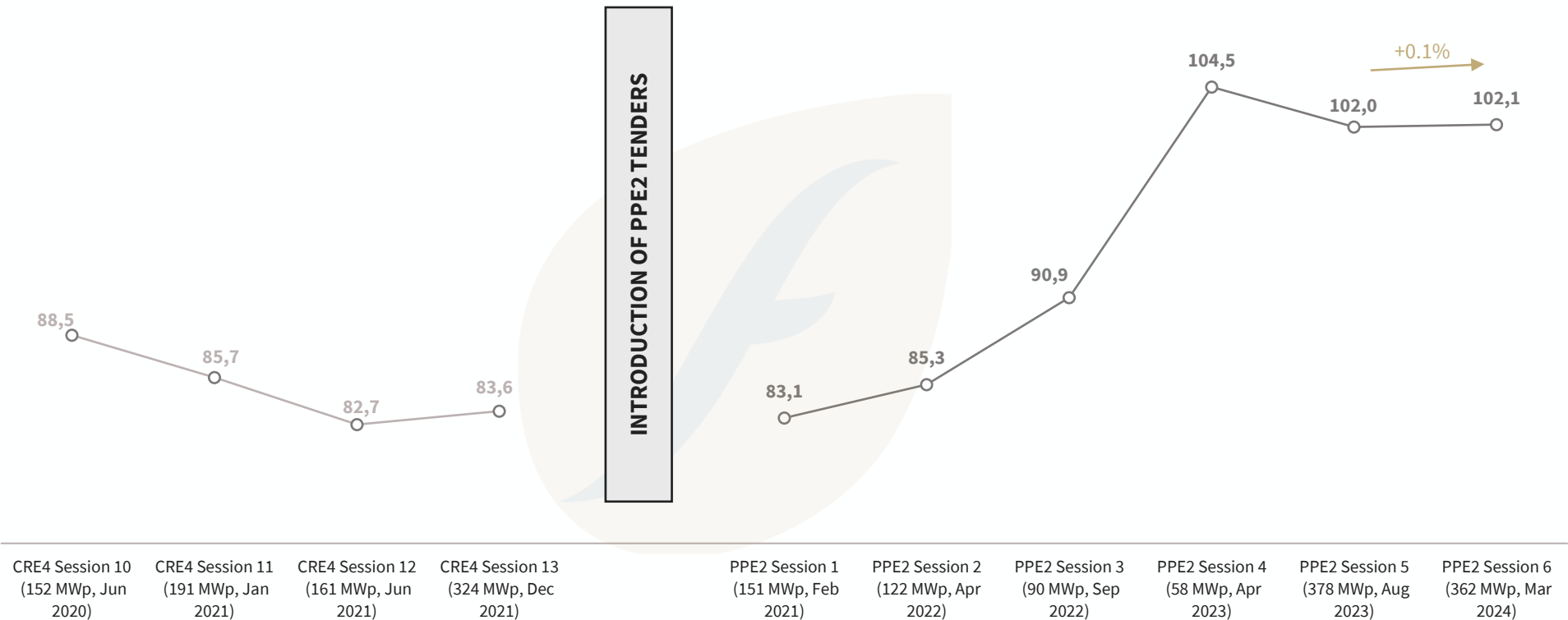


- **Grand Est is the region with the greatest awarded capacity** on this 6th session of the PPE2 tender for solar rooftops, totalling **75.7 MWp for only 8 projects**. It concentrates 3 out of 5 of the largest rooftops of this tender (above 10 MWp)
- The other Northern regions, **on top of which Centre Val de Loire, Pays de la Loire and Bourgogne Franche Comté display great performances with a total of 77.1 MWp awarded** (respectively 41.6MWp, 18.8 MWp and 16.7 MWp), in line with the trend of the previous sessions
- In the South, **Occitanie ranks second in this session with 62.5 MWp and the largest number of projects awarded** (19 projects), followed by **Auvergne-Rhône-Alpes (56.1 MWp) and Nouvelle Aquitaine (55.4 MWp)**. Together they secure **nearly half of the total awarded capacity** (respectively 56.1 MWp and 55.4 MWp)

PPE2 PV rooftop tender - Average tariff evolution

The average awarded tariff is stable compared to the previous session at €102.10/MWh

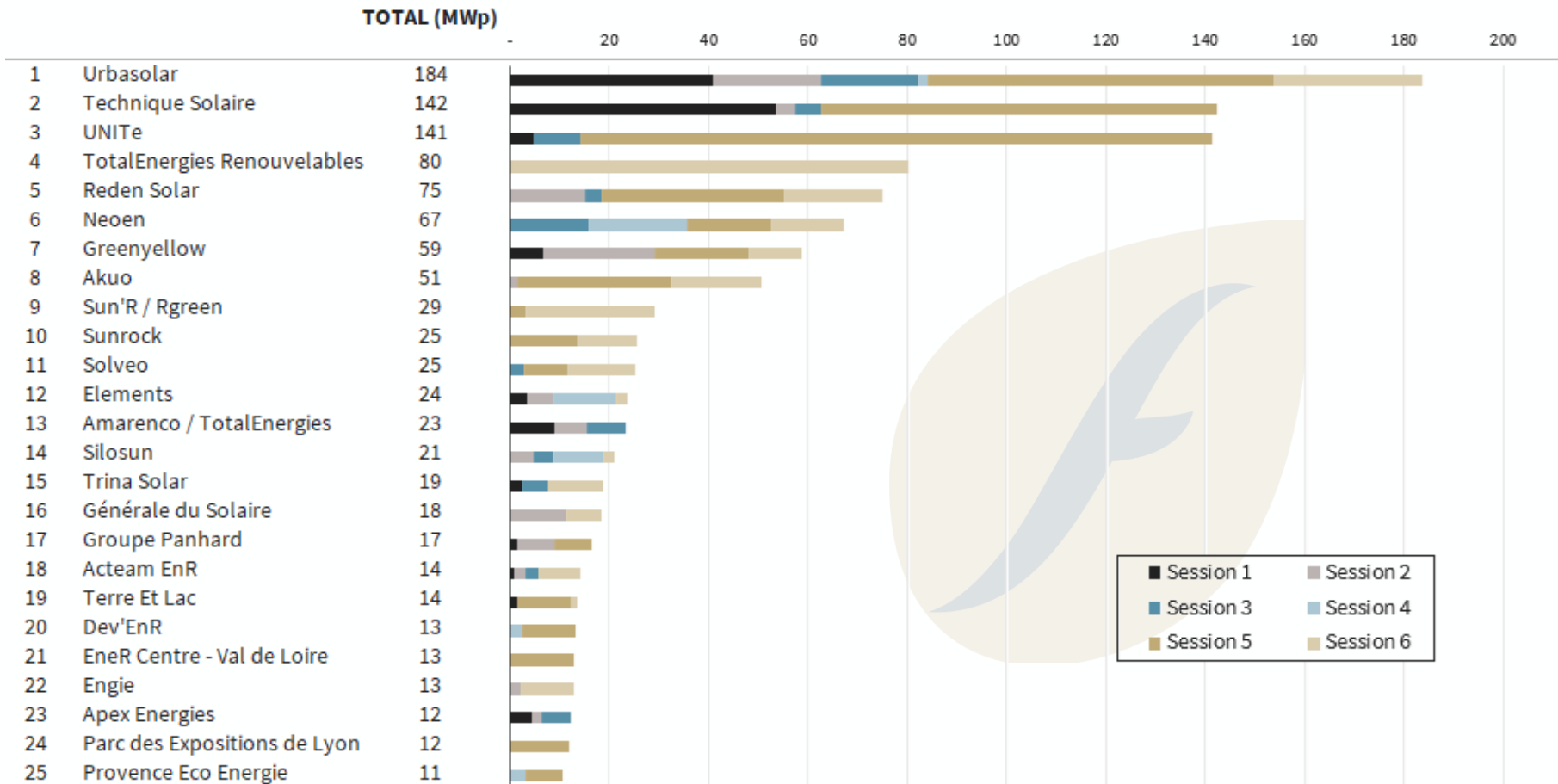
Average tariff evolution since CRE 4 last tenders (€ per MWh)



PPE2 PV rooftop tender - Top 25 developers

Urbasolar ranks 1st, Technique Solaire and UNITE stay in the Top 3

Top 25 most-awarded developers under the PPE2 rooftop tender



N.B.: Cumulated capacities displayed in this graph may include projects that have been submitted in multiple sessions for the PPE2 rooftop tender



Contacts

Feel free to reach out



Arthur OMONT
Vice President

M. +33 (0) 7 81 34 61 40
arthur.omont@finergreen.com



Bastien MARTINEZ
Vice President

M. +33 (0) 7 60 03 29 06
bastien.martinez@finergreen.com



Agathe CHAMPAGNE
Analyst

M. +33 (0) 6 30 05 62 41
agathe.champagne@finergreen.com



Emma POLI
Analyst

M. +33 (0) 6 61 63 76 20
emma.poli@finergreen.com





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