Public Power Corporation

Financial Results H1 2022

September 6, 2022



Disclaimer

report, which can be found on the Company's website at www.dei.gr.



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Financial highlights



(€m)	H1 2022	H1 2021	Δ(%)	Q2 2022	Q2 2021	Δ(%)
Revenues	4,392	2,193	100%	2,145	1,079	99%
Recurring EBITDA	429	471	-9%	259	246	5%
One-offs 1	0	-37	-100%	0	2	-100%
Reported EBITDA	429	434	-1%	259	248	5%
Pre - tax Profits/(Losses)	2	14	-86%	32	43	-25%
Capital expenditure	244	191	28%	142	100	42%
Free Cash Flow	-176	483	-136%	-3	73	-104%

(€m)	30.06.2022	31.12.2021	Δ(%)
Net Debt	2,245	1,890	19%
Net Debt / EBITDA	2.7x	2.2x	

<u>Notes</u>

^{1.} H1 2021 figures have been adjusted for the provision for personnel's severance payment and for the retroactive charge for special allowances from the implementation of the Collective Labour Agreement for the period 2021-2024.

Market Outlook - Commodity prices

Unprecedent increase in TTF and CO2 prices compared to last year



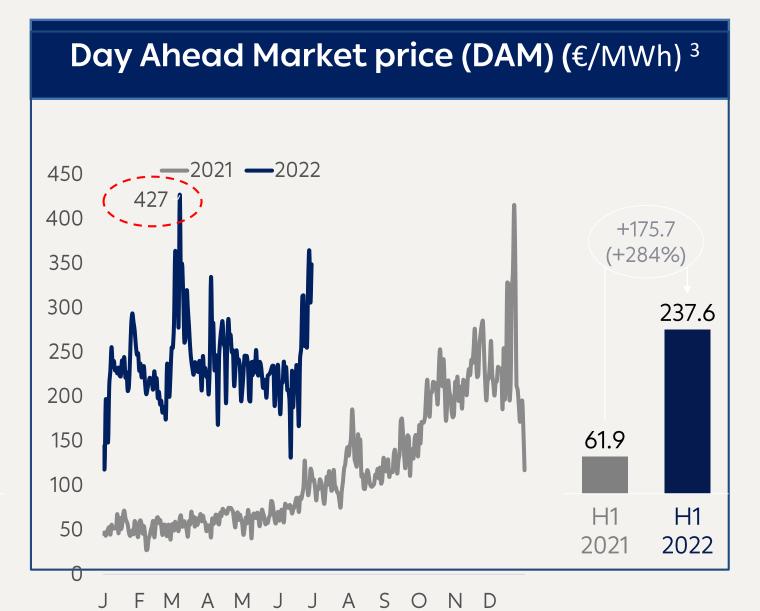




Higher H1 TTF price by +€76.2/MWh_th (€97.8/MWh_th vs €21.7/MWh_th)



- EUAs H1 2022 traded between €80-90/tCO2 as the market weighed up bullish price signals from ongoing policy reforms against a weakening macroeconomic outlook due to high energy prices
- Higher H1 CO2 market price by +€39.6/tn (€83.5/tn vs €44/tn)



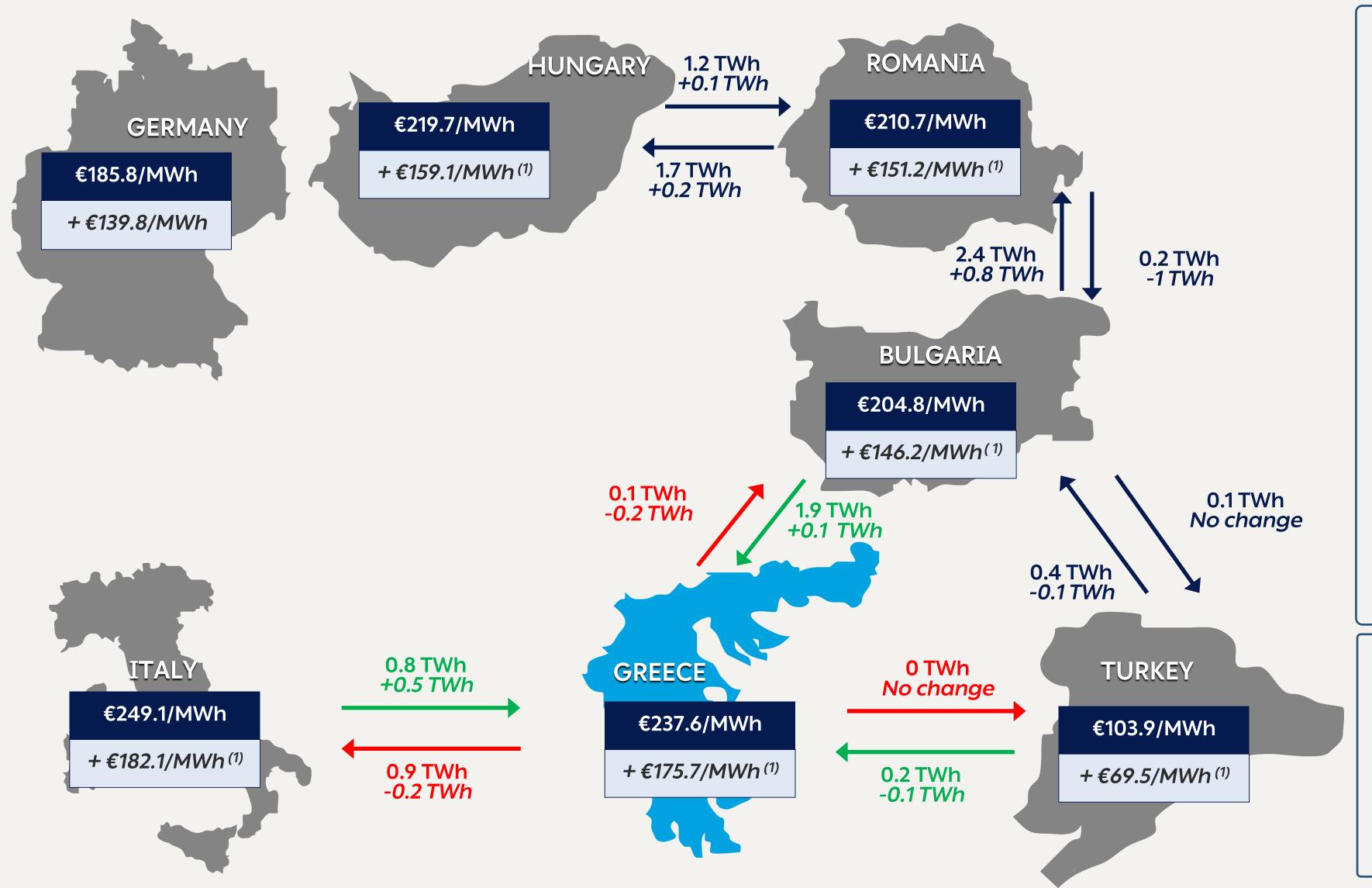
- Power prices hit more new highs. The fuel matrix in severe drought conditions in EU- and in particular Gas TTF continues to be the main driver.
- Higher H1 DAM price by +€175.7/MWh (€237.6/MWh vs €61.9/MWh)
- Unprecedent increase in TTF and CO₂ prices compared to last year driving the wholesale market price (Day Ahead Market)
 up by almost 4x
- PPC was able to manage the unprecedented market volatility moves and increased commodity prices through its ample liquidity due to proven access to diversified funding sources

^{1.} Source: EEX TTF Daily Spot prices. 2. Source: ICE EUAs Daily Futures (Dec-21 & Dec-22 accordingly). 3. Source: HENEX. Note: The gas supply contracts in Greece are priced on the basis of the previous month's average on the TTF M+1, as published by ICS Heren ("Heren Monthly indices")

Average DAM Spot Prices in H12022 - Greece and other

Strong link of Greek market with coupled markets and especially Balkans and Italy





Highlights

- Average spot price in Greece at €237.6/MWh
 - (+€175.7/MWh vs 2021)
- Record prices in EU driven mainly by TTF as a result of continued Russian flow risks and tightness in supply balance
- Strong link between coupled markets thus leading to price convergence
- Spot prices in Greece are influenced by spot prices in Europe and especially Balkans and Italy
- Germany's spot prices are indicative for Central Europe and affect Hungary, Romania and indirectly Balkans

Data collected from:

- Greece (HENEX)
- Italy (SUD)
- Bulgaria (IBEX)
- Romania (OPCOM)
- Hungary (HUPX)
- Germany (EPEX)
- Turkey (TEİAŞ)

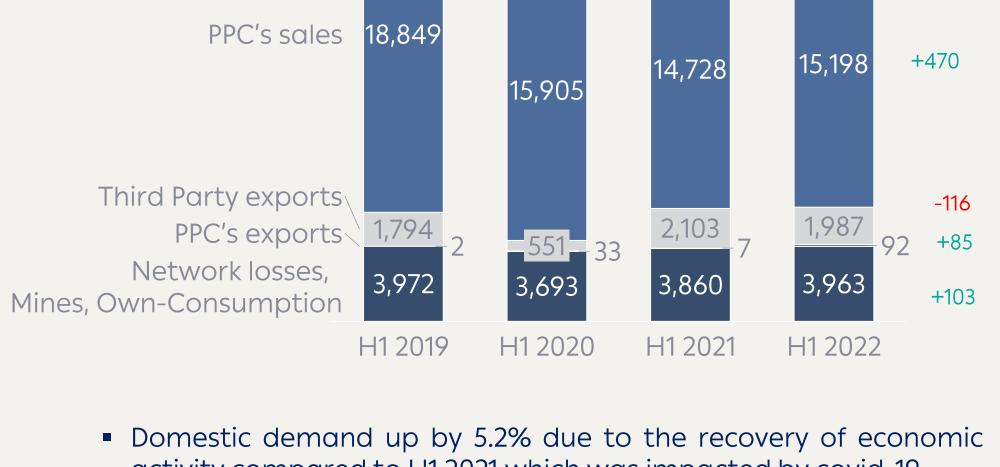
Electricity Demand - Electricity Generation and Imports

Demand recovery to pre covid level



Electricity Demand (GWh)

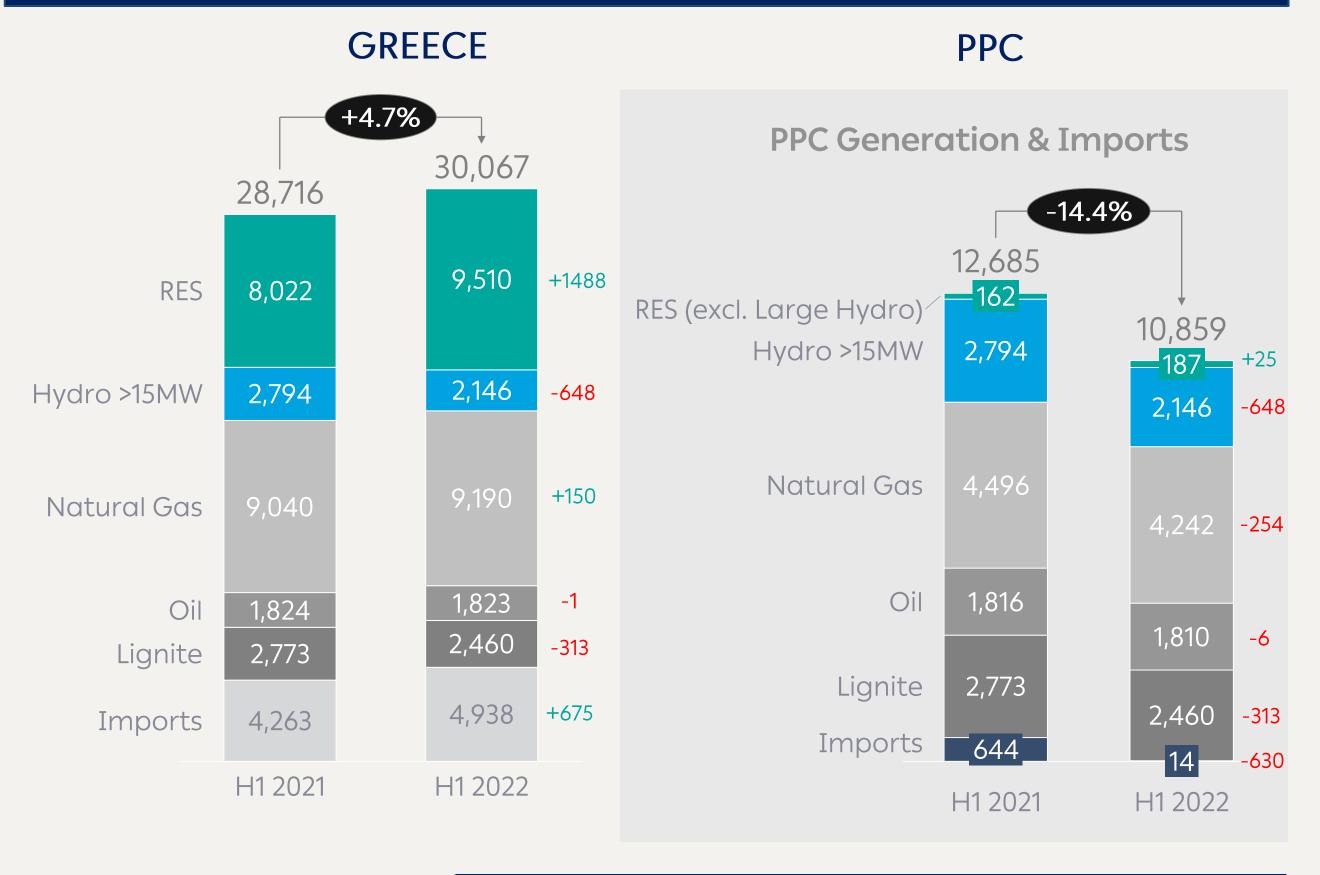
GREECE 30,285 30,067 28,716 27,104 Third Party sales 5,625 (estimation) 8,730 +752 7,978 Pumping 6,852 +57 PPC's sales 18,849 15,198 +470 14,728 15,905 -116 1,987 2,103 1,794 PPC's exports +85



activity compared to H1 2021 which was impacted by covid-19

- Total electricity demand increased by 4.7%
- PPC's sales increased by 3.2% since domestic demand increase was partially offset by 1.4 p.p. market share reduction.

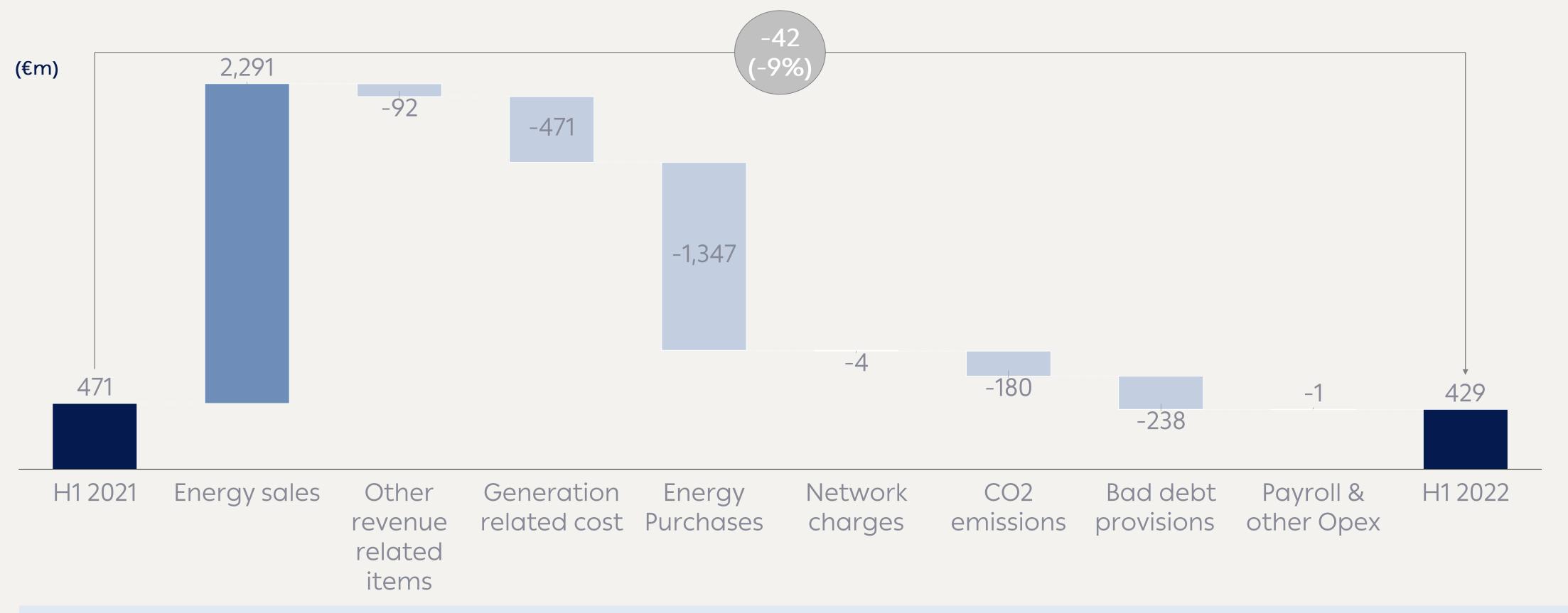
Total Electricity Generation & Imports (GWh)



	H1 2021	H1 2022
Domestic Demand (GWh)	26,606	27,988
PPC's average retail market share	64.9%	63.5%
PPC's generation market share	49.2%	43.2%
PPC's generation and imports market share	44.2%	36.1%

Recurring EBITDA evolution



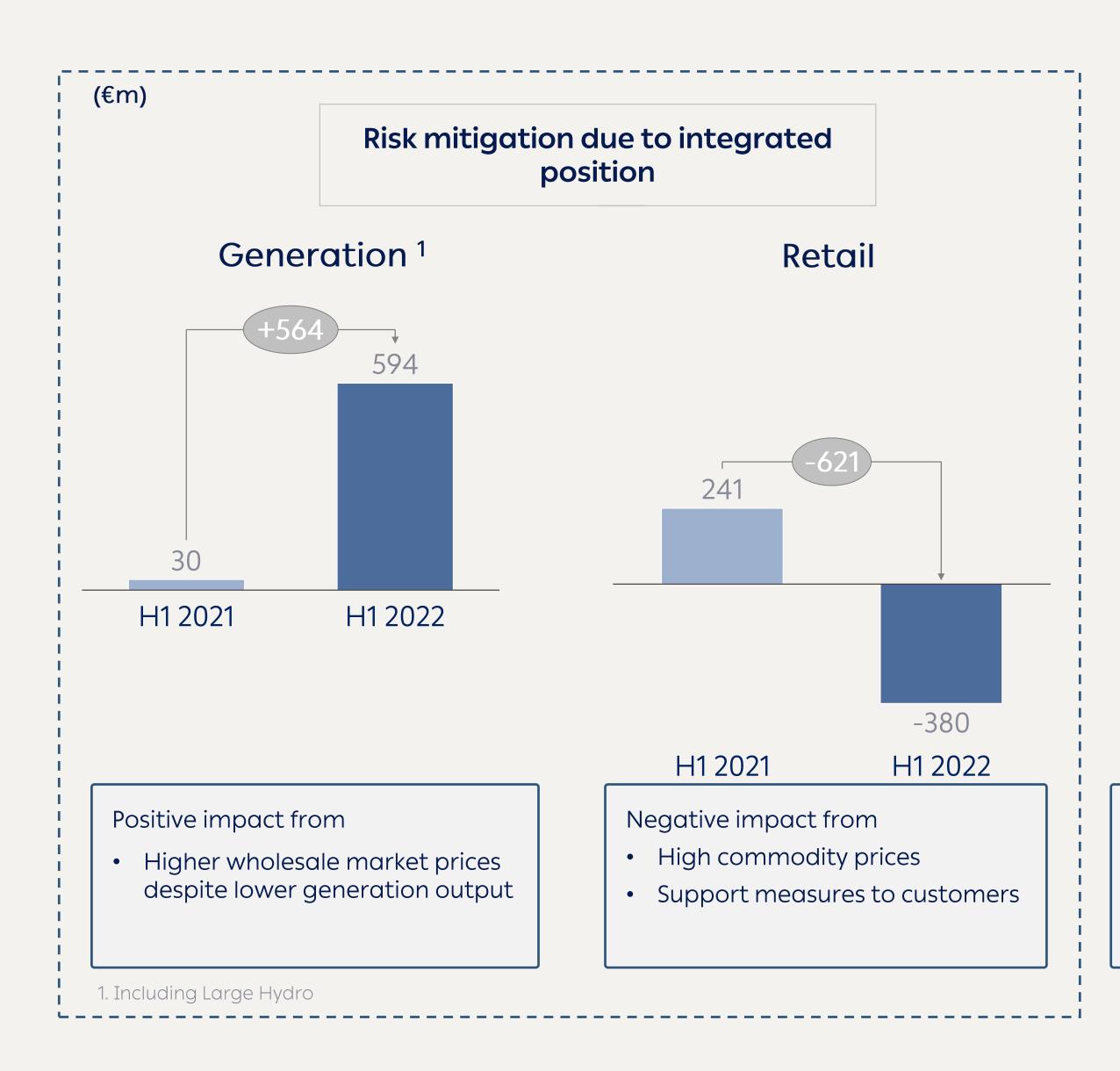


Major drivers:

- Higher revenues and respective costs due to higher commodity prices
- Increase in bad debt provisions compared to the reversal of last year where the initiation of the securitization transactions took place

Recurring EBITDA per business activity



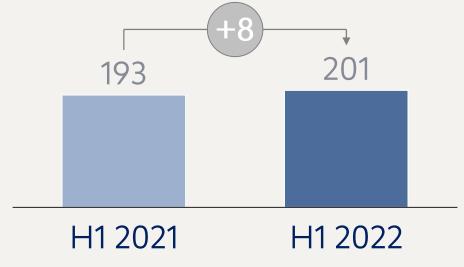


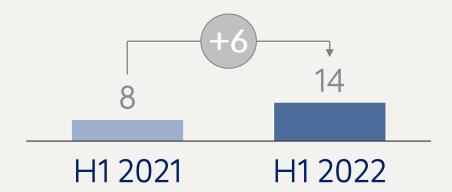
c. 50% of Group profitability

Distribution

Contribution to materially increase from 2023 onwards

RES (excl. Large Hydro)





Stable profitability driven by

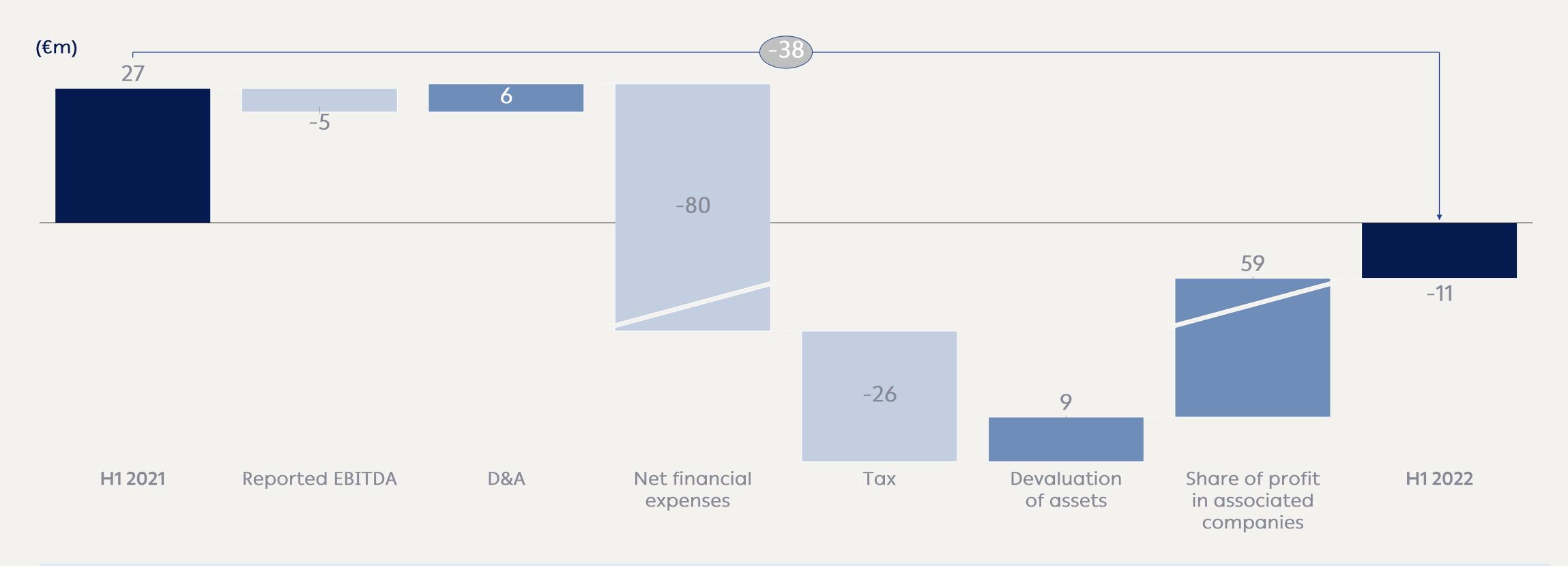
• Regulated nature of business

Increased profitability due to

Higher generation output

Net Income





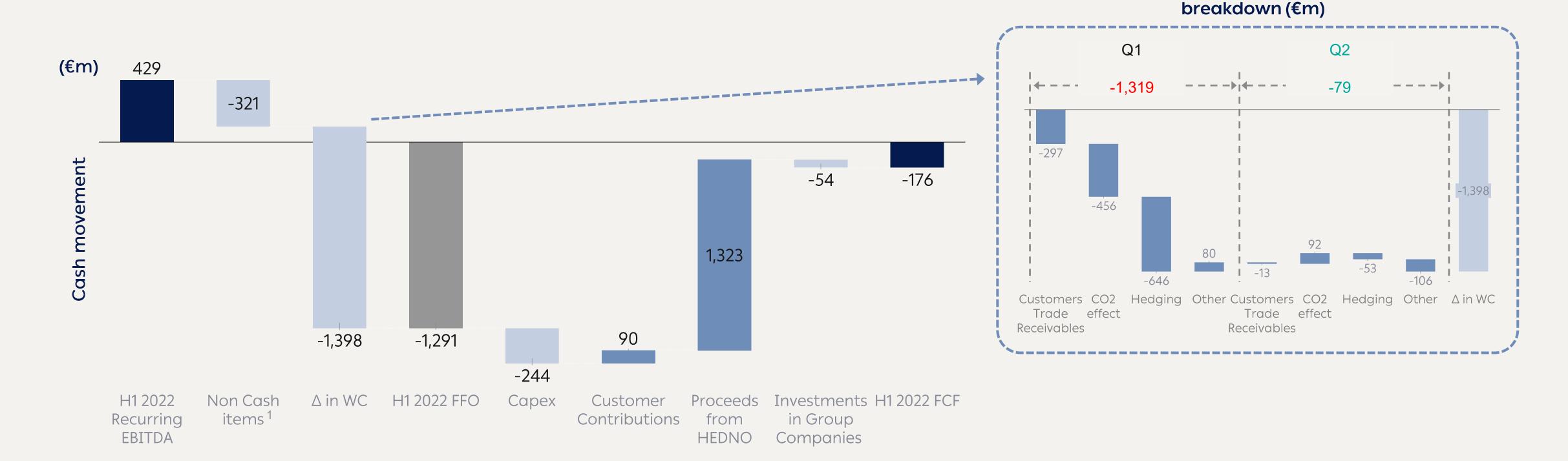
Major drivers:

- Net fin. expenses higher mainly due to the full effect of both securitization programs during H1 2022 and at the same time lower interest income charged to our customers
- Higher tax mainly due to the change of tax-rate in H1 2021 from 24% to 22% positively affecting H1 2021
- Increased share of profit in associated companies mainly driven by the capital gain from the Volterra RES projects acquisition

H12022 - Free Cash Flow bridge



Change in WC



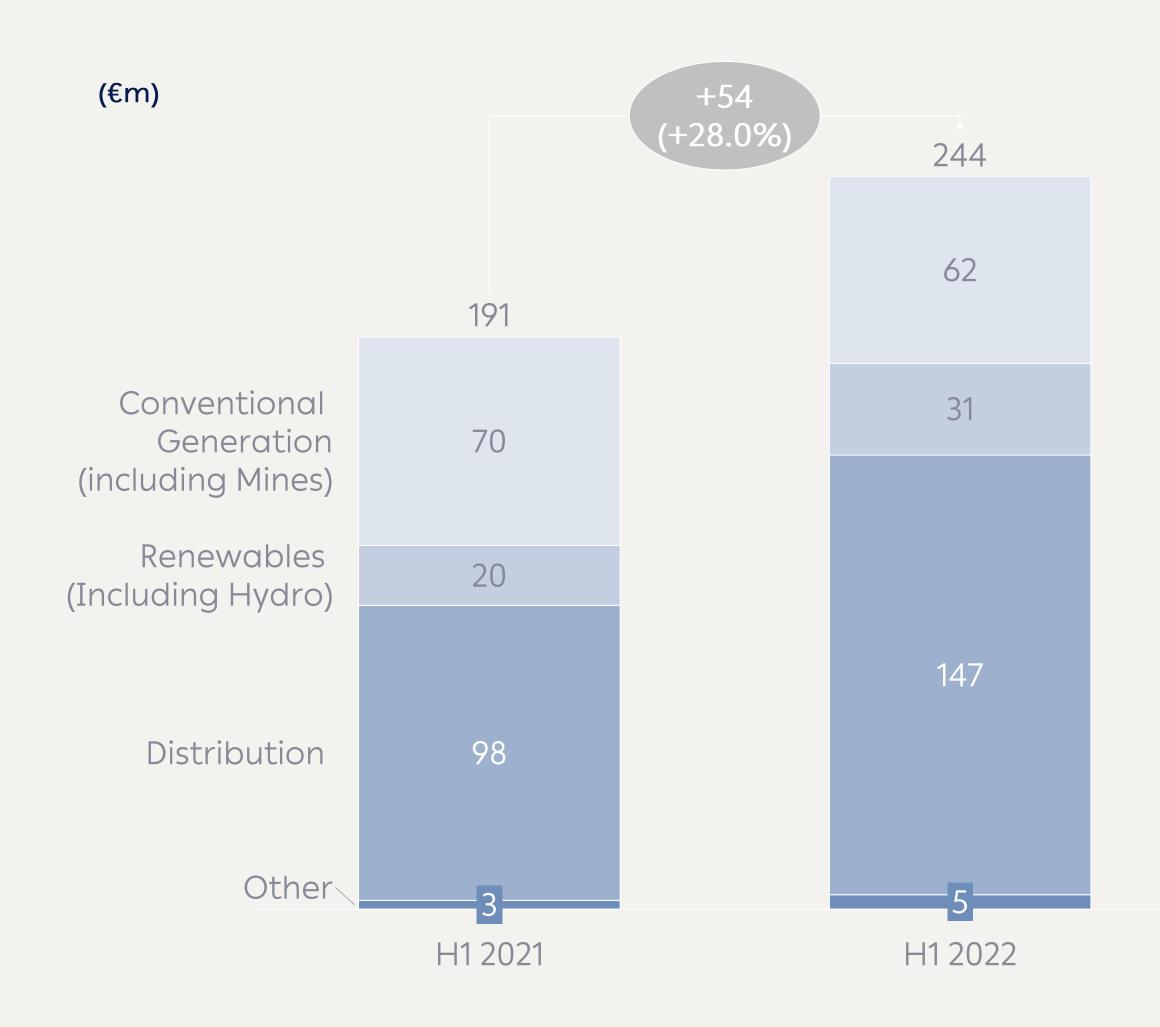
- Increase in customers trade receivables, coming mainly from Q1, was mostly driven by the higher average retail prices due to tariff indexation
- Unfavorable CO2 emission rights Working Capital effect of €364m due to the payment of 2021 compliance as scheduled
- Hedging impact of €699m relates to our balanced portfolio of TTF and Power contracts, where higher margin requirements were requested due to the increased commodity prices

^{1.} Mainly relates to revenues from the supply of power to customers during the interval from the last measurement or billing until the reporting date. Such energy is accounted for as energy consumed but not yet billed (unbilled revenue). This is a non-cash item which we adjust for FCF.

Capex

Ramping up distribution and RES capex





Conventional Generation

 Reduction due to lower capex for environmental upgrades

Renewables

 Gradual pick up of capex – Further acceleration expected in the next quarters

Distribution

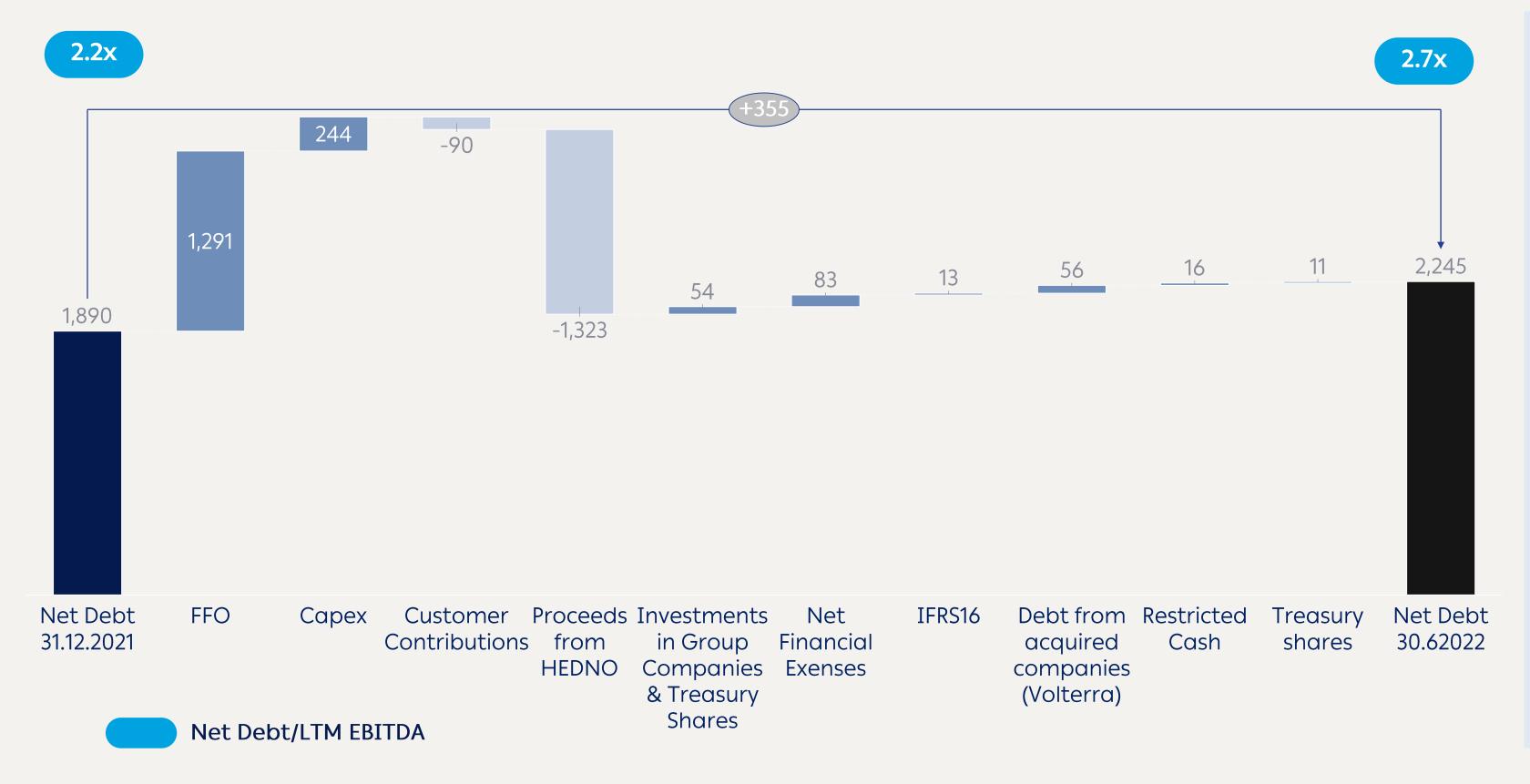
 Further increase of capex for the modernization of the network

Net Debt Evolution



Majority of increase recorded in Q1 2022

(€m)



- Net debt increase by €355m due to hedging activity and increased WC needs mainly in Q1 2022
- Net Debt/EBITDA at 2.7x due
 to increased WC needs despite
 €1.3bn proceeds from HEDNO
 stake sale.
- Long term target for Net
 Debt/EBITDA below 3.5x

Liquidity position and debt breakdown (€ m)





Liquidity position

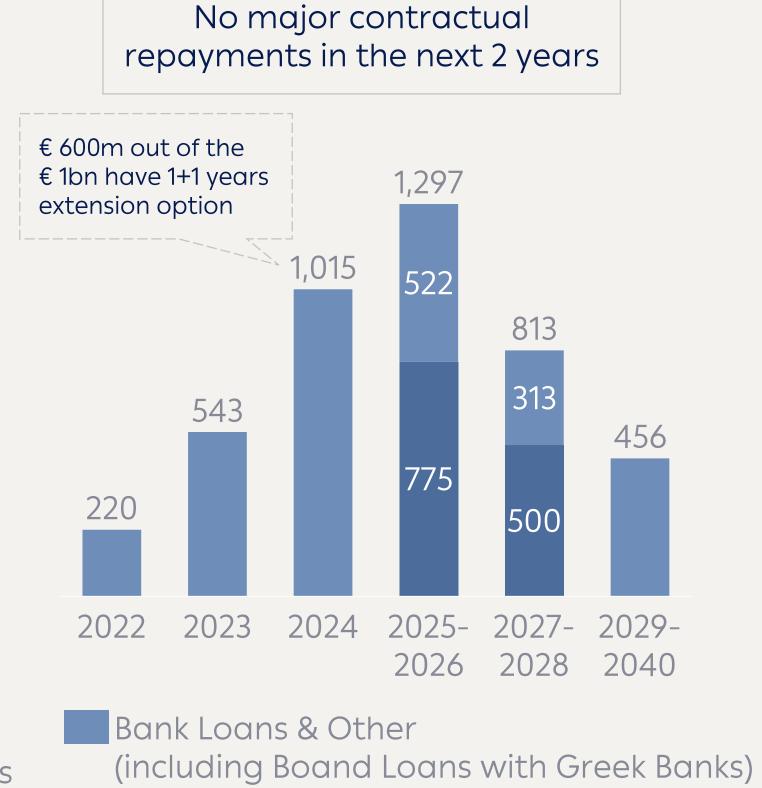
High cash reserves & available credit lines



Cash

Available committed credit lines

Long Term debt maturity profile 1

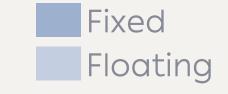


Sustainability Linked Boands

Long Term debt -Analysis¹

Approximately 67% of debt under fixed rates





ESG Financing

43% ESG financing





^{1.} Excluding overdrafts and short-term financings of € 139 m



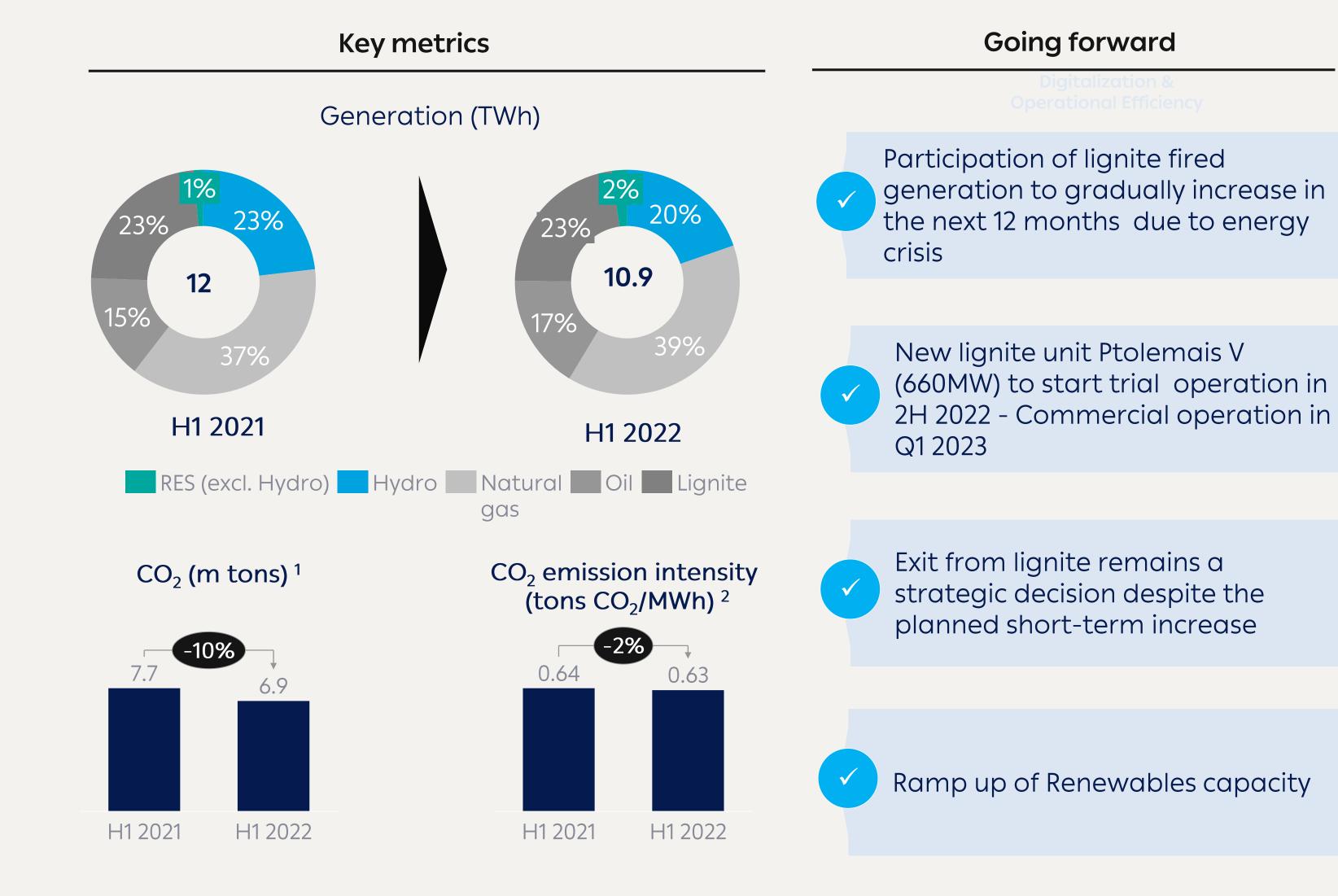
Generation



Utilization of the full range of fuels in the energy crisis

Overview

- No material change in generation mix compared to last year
- Hydro generation close to historical average – good level of hydro reservoirs
- CO₂ emissions at 6.9 mn tn (-10%)
- Slight decrease of CO₂
 emission intensity
- Absorption of subsidiary companies "Lignitiki Megalopolis" and "Lignitiki Melitis" for operationally efficiency reasons



Renewables



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Sale and Purchase of Volterra's RES Portfolio by PPC Renewables - Key highlights/Transaction perimeter

Key highlights of the acquisition

- €133 m Enterprise Value
- 55% of Volterra K-R SA and Volterra Lykovouni SA (PPC Renewables has already a 45% stake)
 - 69.7 MW Wind in operation
- 100% of Iliophania SA
 - 2.7 MW PV in operation
- 100% of Volterra Doukas SA and Volterra Koukouli SA

Volterra

Doukas S.A.

Wind 26 MW

SPVs

Total RES Portfolio

Operating 72.4MW

39.5MW

Iliofaneia S.A.

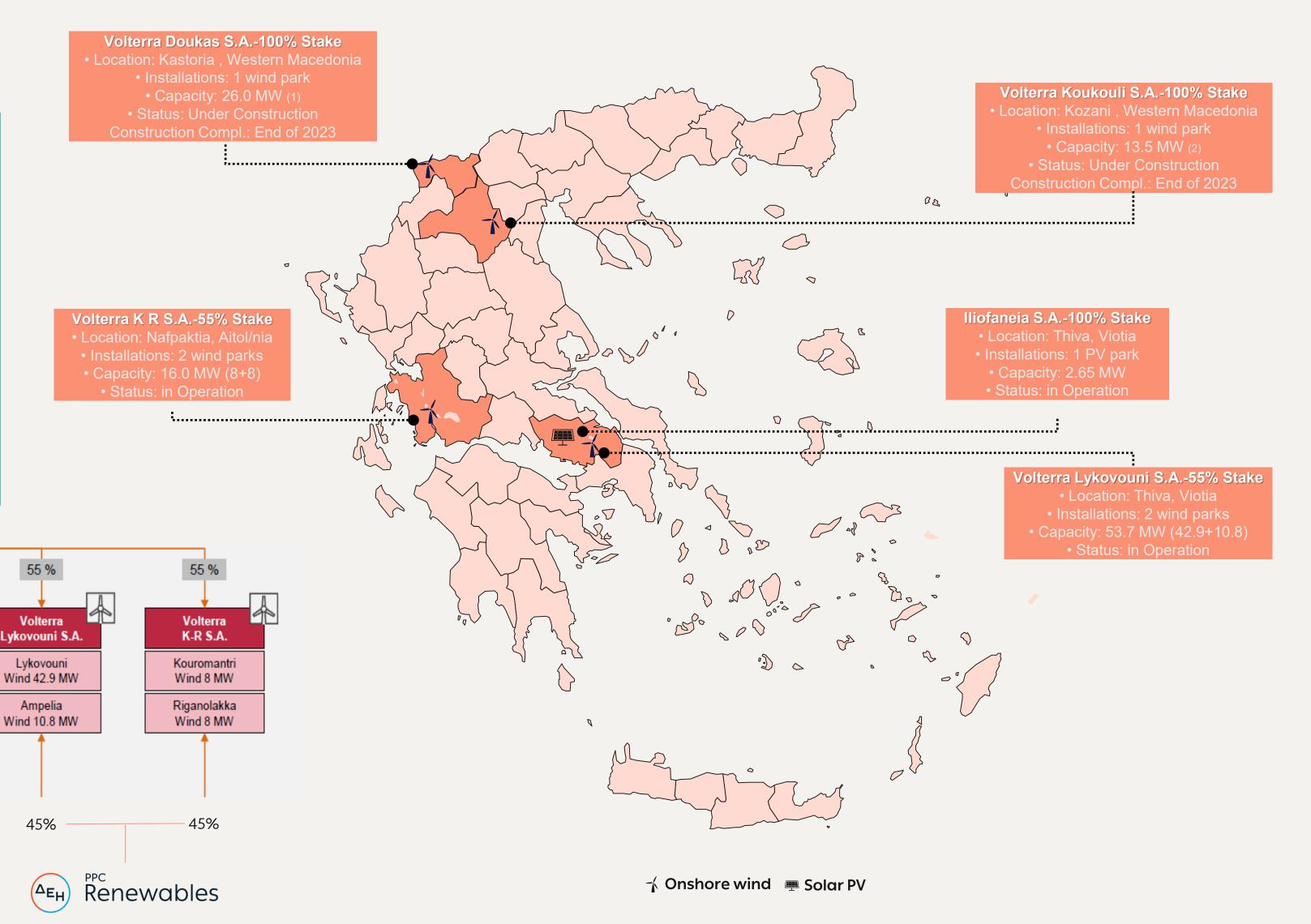
Bitakos

PV 2.7 MW

。 39.5MW Wind RTB

Volterra

Koukouli S.A



1. Licensed capacity 24 MW, 2. Licensed capacity 12 MW

Renewables



Strong pipeline of identified projects across Greece (excl. Large Hydro) - Major projects overview



Renewables



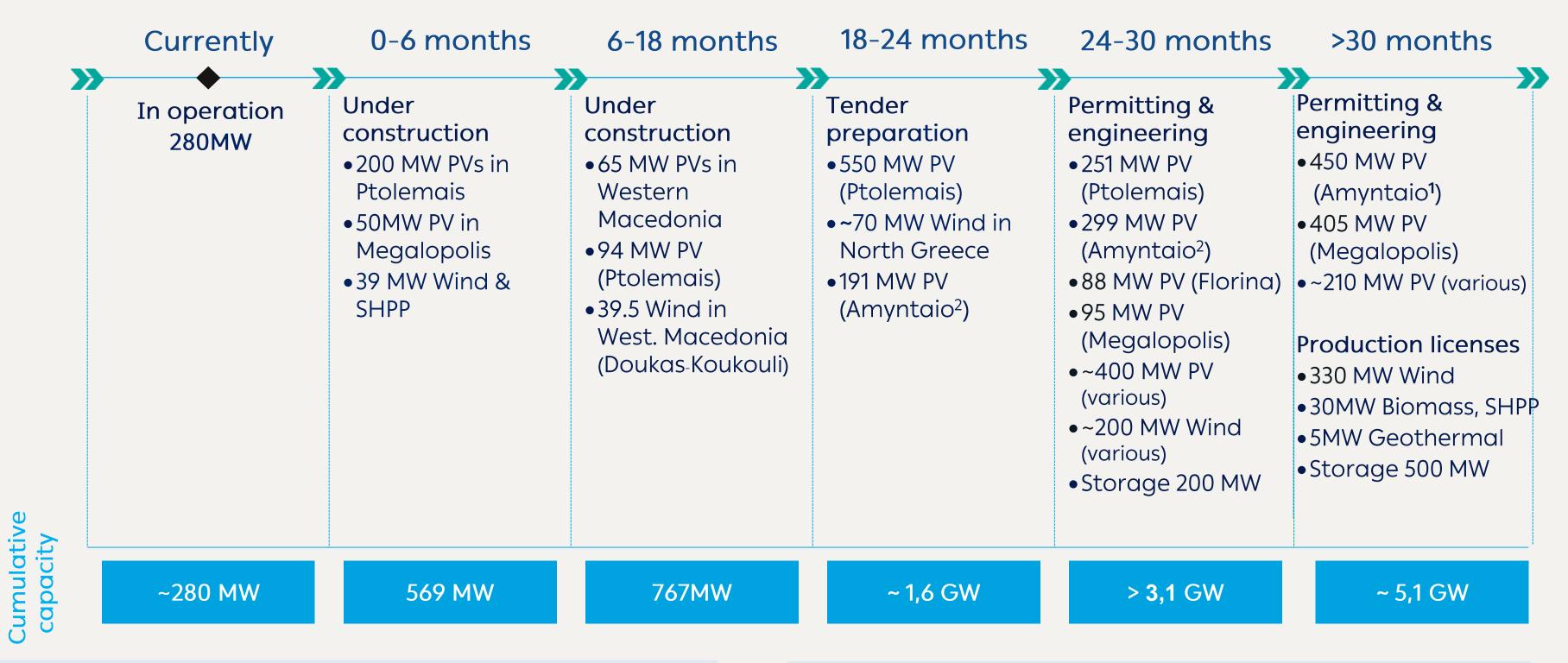
Further progress on RES roll-out plan

Progress since May 2022

- **41MW** in operation from Volterra's acquisition stake
- 112MW from M&A activity
 (72MW in operation and 40MW under construction)
- ★ 100MW secured environmental terms
- 644MW tendered (550MW+94MW)

Status update

- 394MW RTB or under construction
- > 4GW practically secured



Licensing status of the new pipeline² License type Floating PV WP Storage BIO GEO Total 1,043 Production permits 1,095 44 720 awaiting environmental terms 700 secured environ. & awaiting grid con. terms 72.5 1,798 1,895 granted binding grid connection terms 2,204 39.5 2,150 15 5,915 Total 132 4,648 20 1.043 44

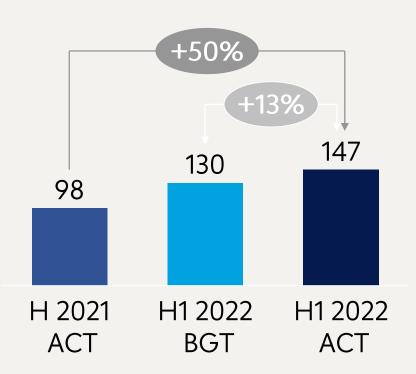
Capacity under o	constru	action (MW)	
Region	WP	PV	SHPP
Ptolemais		265	
Megalopolis		50	
Doukas-Koukouli (Volterra) West. Macedonia	39.5		
Various Regions	34		5
Total	73.5	315	5

Distribution

Consistent financial and operating performance



Capex (€m)



- 50% growth y-o-y
- Exceeding budgeted figures by 13%.

64,7

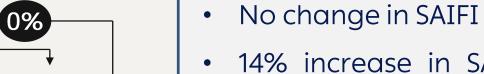
2021

SAIDI SAIFI

2022

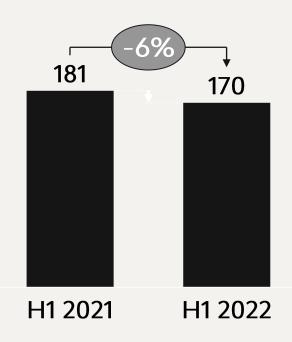
Further ramp up going forward

SAIDI (min) SAIFI (occur.)



- 14% increase in SAIDI due to the sequence of adverse extreme weather incidents, i.e. MIDEIA, ELPIS
- The overall situation is expected to improve gradually on the account of initiatives that have been put in effect recently (i.e. Projects to increase resilience of the network, minimized constraints in relation to wood cropping near the Grid and implementation of Telematics in corporate vehicles to optimize on-site access-time, etc).

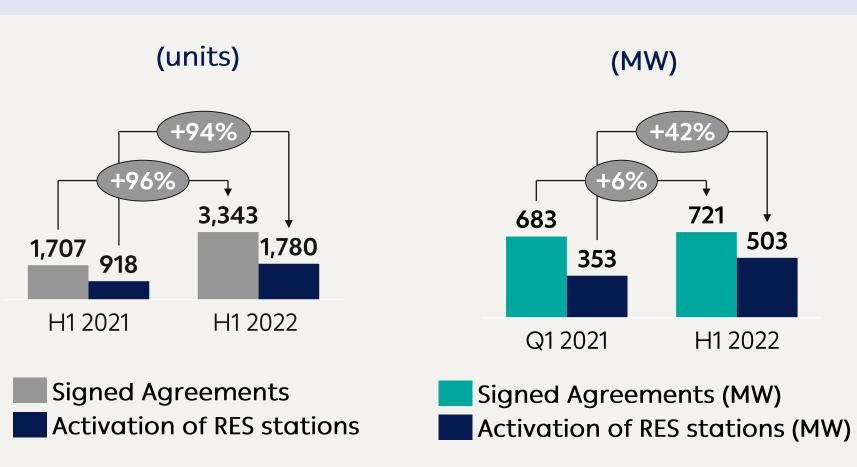
Additions in underground network (km)



New Underground Network (km)

No major change in construction of new underground network due to the reallocation of resources to Network
Maintenance as a result of the wildfires earlier in the year.

RES Integration in the Grid



- 94% increase in RES stations integration
- 42% more capacity (MW)
- Signed agreements highlight the potential of integrating twice (+96%) as many stations

Retail

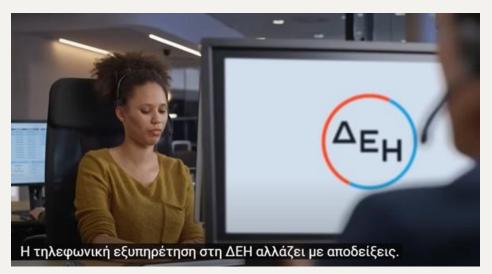


On course to becoming the energy provided that is trusted and loved by future generations

actions.











Brand



• Churn of our High Value segment has been the lowest in our base for

three months in a row, showing increased base health driven by CRM





Know Your Customers

Conversion

Cash

Digitization &

Reposition Retail footprint

Meet new needs

• Launched the capability to pay bills in six interest fee instalments using a credit card.

- Launched our new fully digitalized paperless onboarding journey and customer care for the hearing impaired with video appointments.
- Started our stores rollout across the country with 10 renovated by the end of the year, while our pilot Store was awarded Retail Store of the Year.
- Our Energy consulting platform "myEnergy" is used as vehicle for strong partnerships (e.g. IKEA, LG, DAIKIN) increasing value for our customers.



E-mobility / Telecommunications / East Med Corridor System



Leading charge point and EV servicer provider in Greece / Initiation of a nationwide FTTH platform



EV public Charging Points (CP) evolution

600 CPs active end of H1 2022



+2,000 CPs over the next 2 years



2030 Obj: ~10k





- DEI blue #1 Public EV Chargers Network in Greece.
- Introduced first super fast HPDC (180kW) Chargers across Greece, on top of AC, DC, and private Chargers.
- Signed-off 2,000+ CPs pipeline
- Acquisition of Carge e-Mobility start-up to support transition to a customer-centric platform. Additionally we are roaming operator in 4 EU countries
- Awarded first Municipality Contracts continued penetrating new channels



Telco

Project

Status

Targets



- Construction and operation of a Fiber To The Home Network in selected areas of Greece
- First milestone of 5k Households passed reached in August
- Next 13 Municipalities (440k Households passed) planned by end of 2023
- Pilot Project:
- 15k Households passed in Peristeri by end of 2022
- O Up to € 15m capex
- Full roll out plan:
- 3 Mn Households deployed by 2026

East Med Corridor System (EMC)

- Construction, management and operation of a new submarine cable system and ancillary terrestrial infrastructure and network, linking Europe with Asia.
- SHA with MENA Hub (owned by Saudi Arabia's stc), Greek telecoms and satellite applications company TTSA, and Digimed, owned by Cyprus' telecoms operator CYTA. - PPC 25% minority stake in the JV

Recent Key regulatory developments

Extraordinary legislative measures to address energy crisis



Measures for Q4 2021 - Q2 2022

One off contribution of producers

One off contribution based on increased gross margin

Contribution &

timing of

payment

Reference Period	1.10.2021 – 30.6.2022
Percentage contribution	90% on increased gross margin of every month of the reference period vs the corresponding month of the previous year
Exclusions	Tariff discounts and fixed tariffs are excluded
Use of Funds	Inflow in the Energy Transition Fund for the subsidization of electricity tariffs ⁽¹⁾
PPC's	Final calculation is still pending

for all generators

Measures for Q3 2022 - Q2 2023

Wholesale (Generation)

Set up of a temporary mechanism to capture part of producers' revenues

Period	8.7.2022 - 1.6.2023
Mechanism structure	RAE publishes the RPRP per generation technology on a monthly basis
Regulated Producer Revenue Prices (RPRP)	Cost plus for lignite and CCGT/OCGT and fixed for Large Hydro (€112/MWh) and RES (€85/MWh) (2)
Use of funds	Inflow in the Energy Transition Fund for the subsidization of electricity tariffs ⁽¹⁾

Market

Clearing

No change in the settlement of
the DAM ⁽³⁾ . Electricity suppliers
continue to pay the DAM price,
however producers are
remunerated with regulated
prices according to Mechanism

Simplification of tariff structure & abolition of discounts

Retail

<u>abolition of discourts</u>			
Period	1.8.2022 – 1.7.2023		
Tariff indexing	Suspension of indexing with the wholesale market price		
Tariff discounts	Suspension of discounts related to the wholesale market price evolution		
New framework	All electricity suppliers announce tariffs on a monthly basis based on their estimation for the wholesale market price plus a margin ⁽⁴⁾		
State subsidies	Increased subsidies driven by the temporary mechanism in Generation market leads to lower		

effective tariffs

Sustainability Transition Plan Tracking

ESG on the core of our strategy



Committed to the Science-Based Targets Initiative (SBTi) for short and long term targets net zero -May '22 SCIENCE Officially supporters of the TCFD framework - May '22 **TCFD** Participation in the 'We Mean Business" initiative – May '22 WE MEAN BUSINESS COALITION Part of the "Race to Zero" global campaign – May '22 BUSINESS 1.5°C Commitment to the principles of the UN Global – June'22 **Global Compact** Network Hellas Submission of CDP Climate Change questionnaire – August '22 Full disclosure of scopes 1, 2, 3 emissions according to GHG protocol –Q4 '22

Concluding remarks



Financials

€429 m Recurring EBITDA

Net debt at €2.2bn with high cash reserves

Increased WC needs due to hedging activity -Positive impact from hedging

Capex gradually ramping up

Major milestones

Sale of 49% of HEDNO at 151% EV / RAB

Acquisition of 112 MW RES portfolio

SHA for East Med Corridor System

Market volatility Vertical integration
continues to provide
resilience

Key equity highlights

Resilience in energy crisis

80% of our RES target for 2026 already secured

Distribution capex plan increasing

Increasing presence in e-mobility and Telco

Other developments going forward

Screening Possible M&A opportunities

Short term increase of lignite fired generation – No change in lignite exit strategy in the long run

Fastest growing RES platform in Greece!!

Reiterate Guidance for 2022E - Recurring EBITDA at 2021 level

Financial calendar - IR contacts



Financial calendar

November 22, 2022
 Announcement
 of the 9M2022 results

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