

#1QWE – QUALITY WAVES ENERGIES ™

Today we are building a New Industry.
We provide the Generation of Ecological Renewable Electricity, the most Clean & Powerful on the Planet.

HSRC GROUP™
OILWHOLESALER & TANKFARMS

#1QWE - QUALITY WAVES ENERGIES ™ FRANCHISES WAVE FARMS

in Short



Include all this:

—Wave energy converters
— Mooring system
—Anchors
— Electric collection system
— Monitoring, Remote Control and Communication
— Advanced Underwater Security Systems &
— Long-range 24/7 Thermal Maritime Security and Surveillance Systems (Narco Anti-Terrorism).
— Generation and Supply of Clean Energy, & Additionally the Plus of Hyper Fast Electric Charging Stations in Each Costal territory and Islands.

Energimyndigheten · eit InnoEnergy Knowledge Innovation Community · icep Portugal Global · wave energy SCOTLAND · almi invest · granitor · SEB



More than 170 Eagles Officials Agents

Five Continents

HSRC GROUP - Eight Branches

The Opportunity: 500GW

10% of global electricity[1]

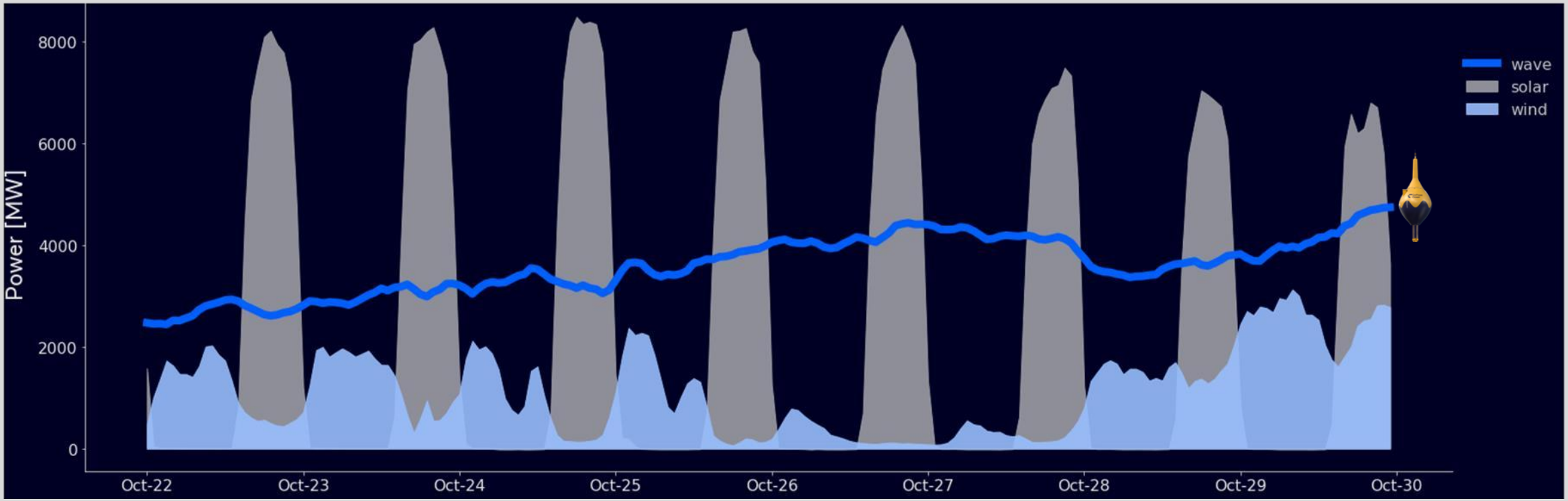
- 500- GW | 2300 TWh
- CO2 Reduction | 1 – 2.2 Gigaton / year (vs Gas - Coal)
- Production profile is more consistent and complementary to wind and solar, providing higher average revenue potential per MWh.
- Provides grid balancing enabling 100% renewable electricity systems.



[1]total electricity final consumption reached 22 848 TWh
iea Electricity consumption 2019

Consistent production profile

Enabling 24/7 Carbon Free Energy



Wind (6.5 GW) and solar (13.5GW) production: Actual time series of the period Wave production (6.0 GW): Estimate based on measured wave data and CorPower power matrix 6 GW wave energy devices evenly distributed over four sites along the coast of California.

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The ocean: a huge energy storage unit

- Wave energy accelerates the transition to a zero-carbon planet – brings stability and resilience to national grids
- Less generation, less storage and less grid capacity required – reducing total cost of electricity
- Unlocking 24/7 Carbon Free Energy. Taking a stabilizing role that fossil and nuclear had historically

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Transparent in storms

Amplified in normal operation





CorPower C4

300 kW
Power Rating

5-30 MW
Wave Cluster Size

40-60%
Capacity Factor

>40 m
Installation Depth

15MW/km²
Spatial Density

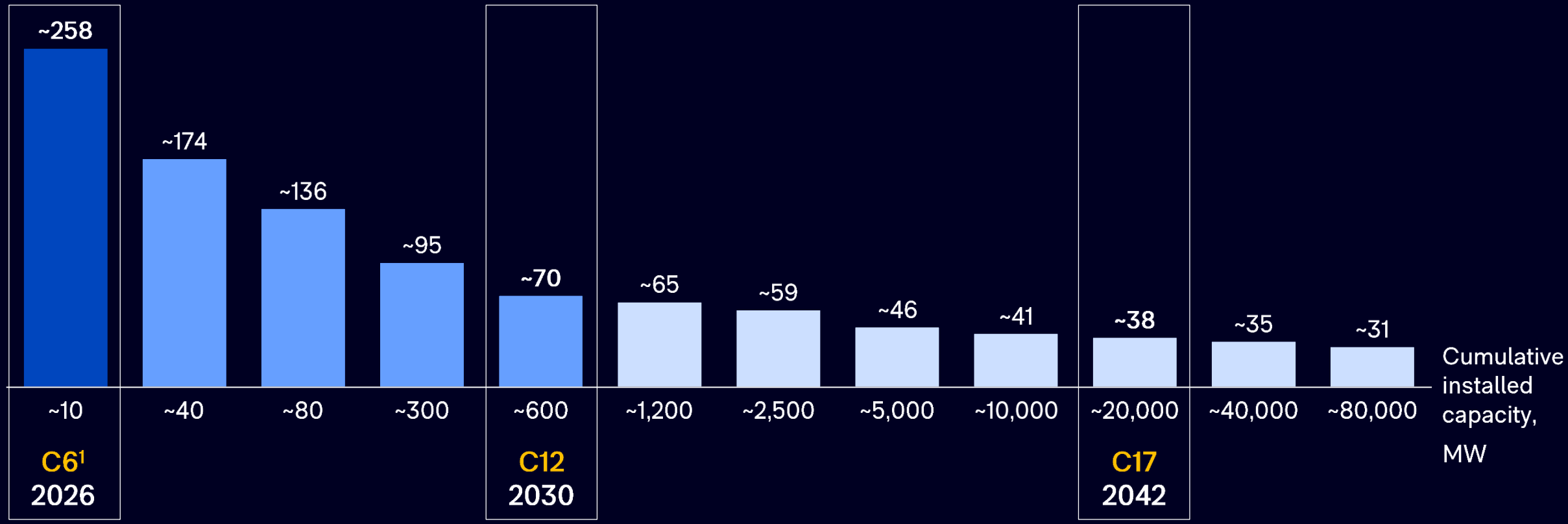
0.25-8 m
Operational Range (Hs)



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Competitive cost curve

LCOE, €/MWh



C"X" denotes device name/product generation

Structured product verification

5 stage program according to IEA-OES / Equimar best practice



2012—2013

Stage 1

Validation



2014—2015

Stage 2

Critical System tests

Dry and tank testing



2015—2018

Stage 3

1:2 scale device

Dry and ocean testing



2018—2022

Stage 4

Full scale device

Dry and ocean demo

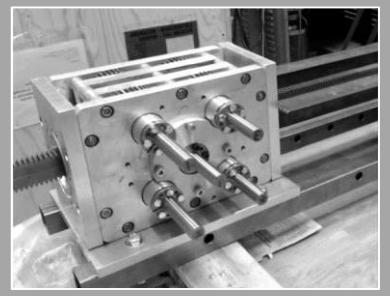


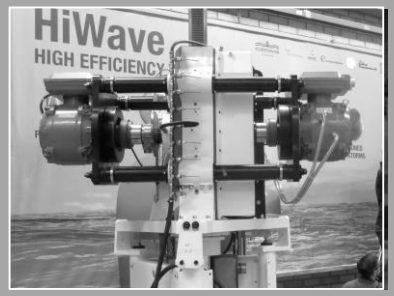
2022—2025

Stage 5

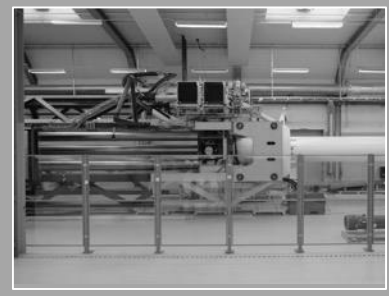
4 device array

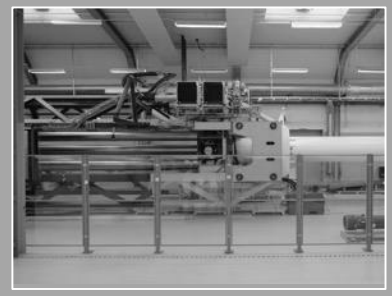
Pilot array (4 WECs)











HiWave-5: Grid connected demonstration at Agucadoura









World’s largest dry test facility

Simulated wave loading



MOBILE FACTORY

We take you to the factory for installation.
We will always use the best solution and technology available at the moment, with our different technology providers, including the desalination of salt water in the territory.

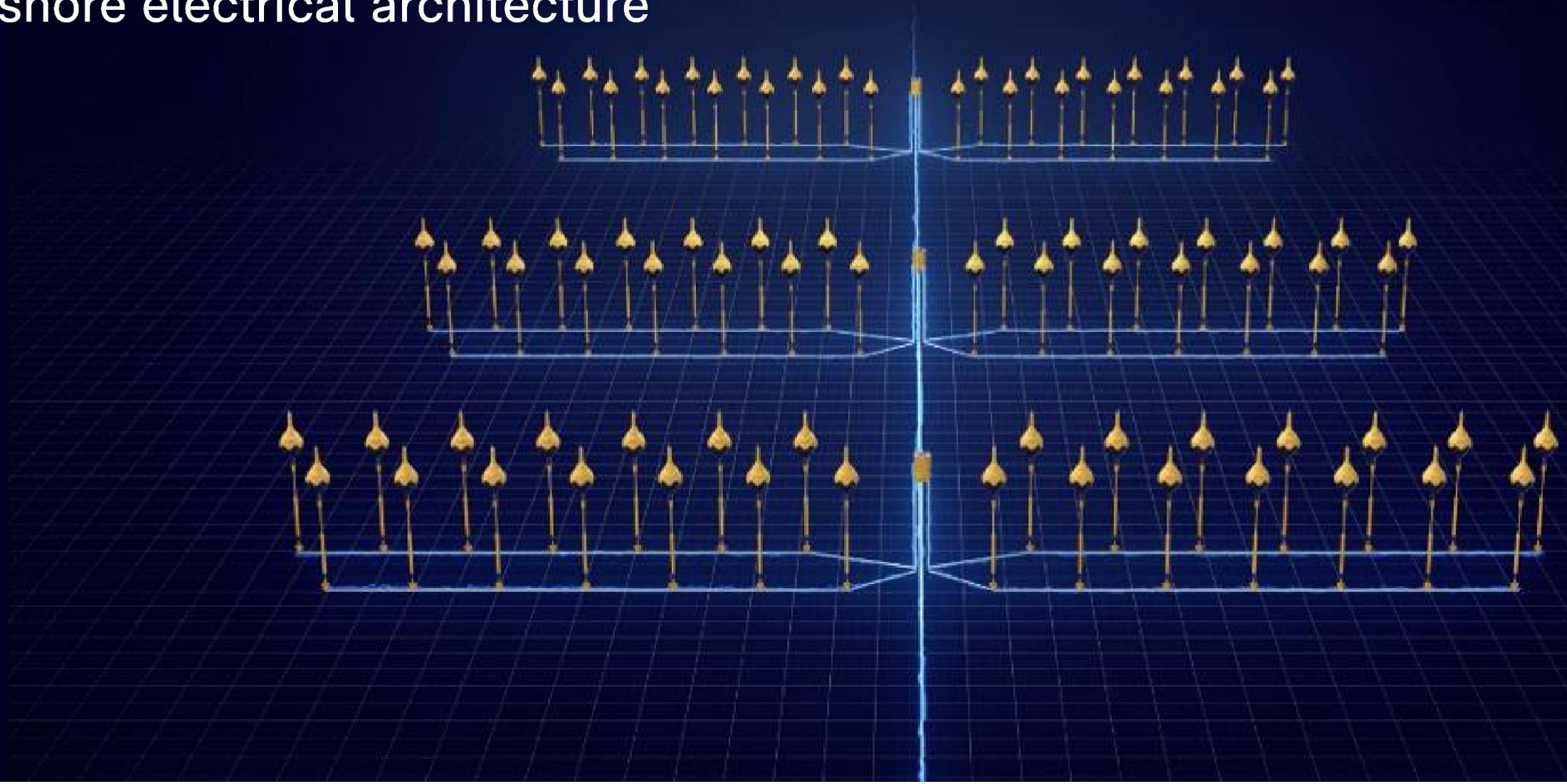
5x more energy per tonne.

Combining a light device with novel phase control technology, allows the Wave Energy Converter to produce a large amount of electricity compared to its size and cost.

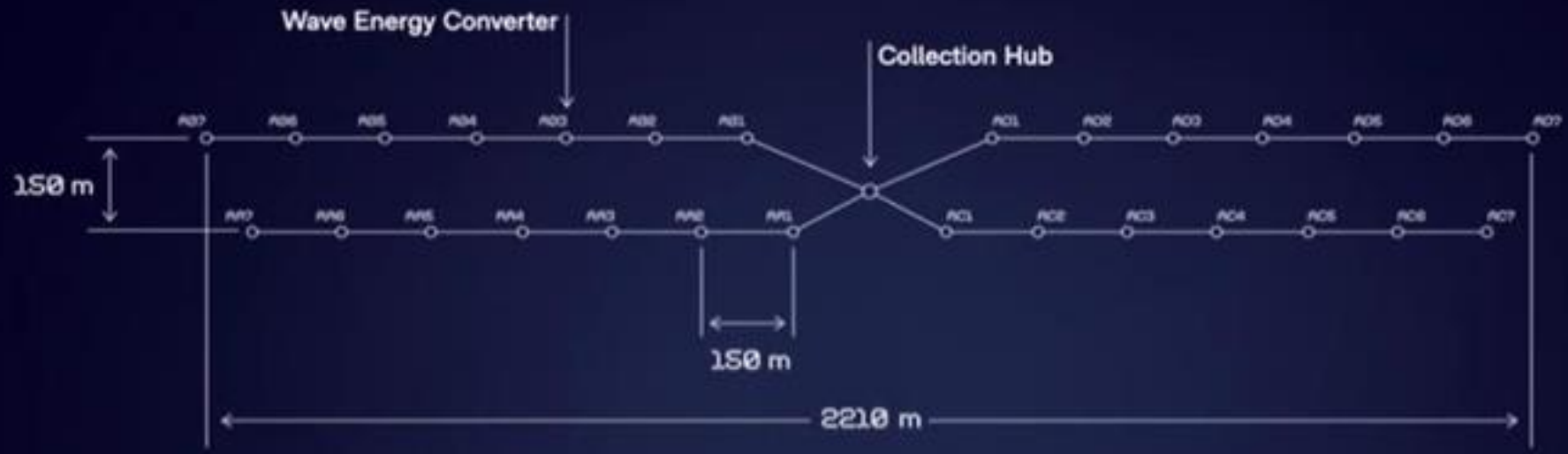
300kJ

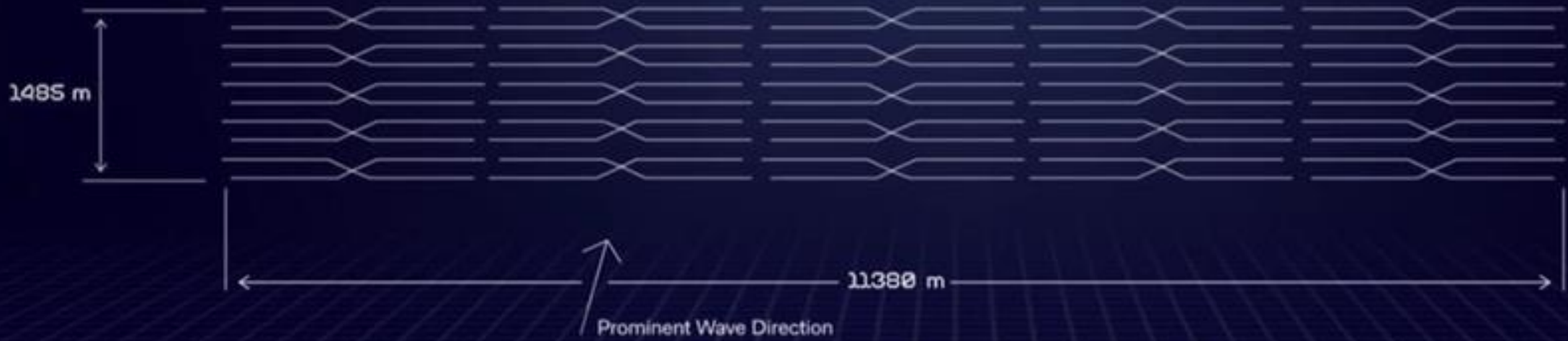
10MJh/tonne

Offshore electrical architecture



Offshore electrical architecture





10 MW

Wave fa

250 MW

MODEL BUSINESS

#1QWE – QUALITY WAVES ENERGIES TM

DESIGN & INSTALLATIONS



ENERGY SUPPLY UP TO
ELECTRICAL SUB STATIONS



COASTAL & ISLAND CLIENTS



FRANCHISE OF ELECTRIC CHARGING
STATIONS FOR EV CARS BY HSRC GROUP



PLUS FOR PRIVATE ELECTRICAL COMPANY
COASTAL AND ISLAND - UNDER FRANCHISES

POWERED BY HSRC GROUP

#1QWE – QUALITY WAVES ENERGIES TM

As A Services

POWERED BY HSRC GROUP

HSRC GROUP™
OILWHOLESALER & TANKFARMS

#1QWE – QUALITY WAVES ENERGIES TM

Offers turnkey supply of wave energy systems.
We designe, manufacture, and deliver wave cluster of 10-20MW today per KM2.
Very soon we will launch up to 1 MV per cluster.

- Wave Energy Converters (WECs)
- Moorings with quick connect and tidal compensation
- Anchors
- Collection hub (one per cluster)
- Jumper cables (WEC-strings-2-collection hub)

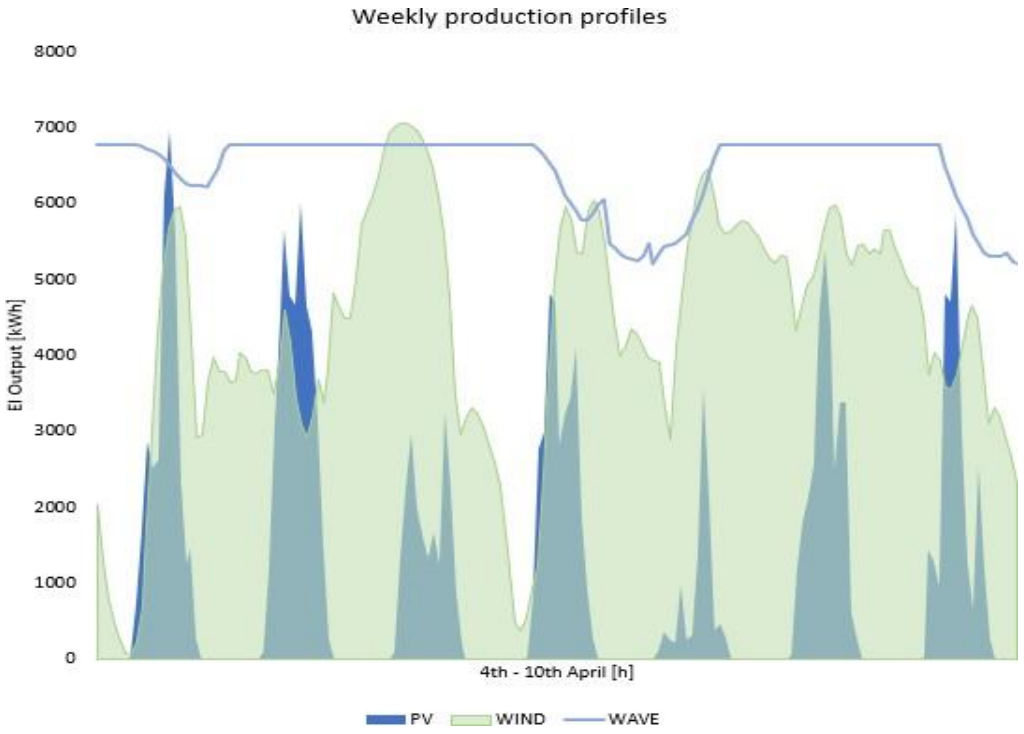
Our Single Motor Electric Generation Franchise Service includes all phases of implementation and constant monitoring of the System running 24/7.

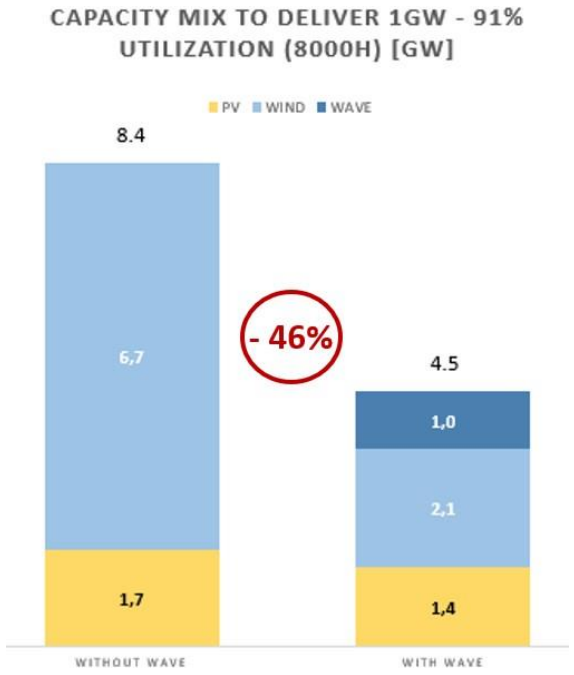


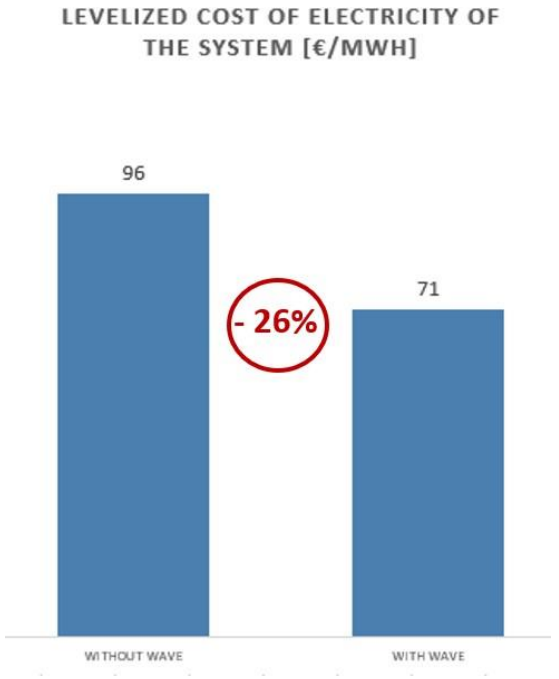
CorPower Ocean

Green Hydrogen – higher utilization gives significant cost reduction

- Wave profile enables significantly higher electrolyser utilization for 100% green hydrogen
- 1GW electrolyser, 8000h/year of CO2 free electricity demand
- Significant reduction in required installed RES capacity (-46%), lowering LCOE







Lowering cost for 24/7 green power

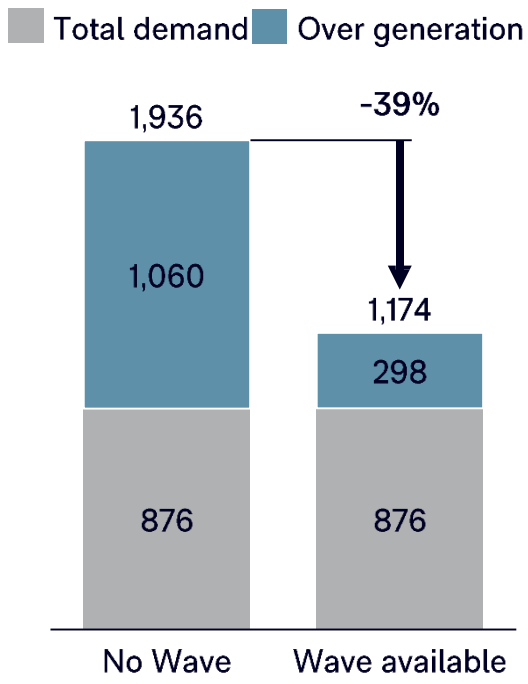
SAMPLE GEOGRAPHY[1]



2030

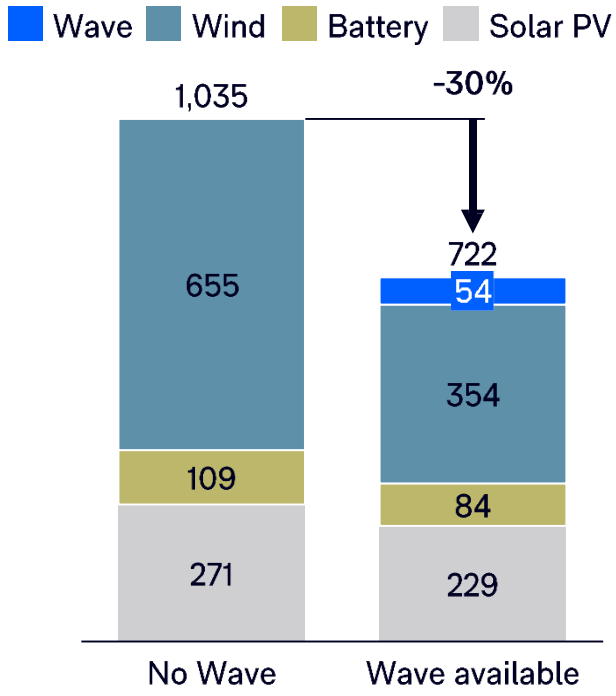
Wave reduces need for overgeneration of energy

24/7 green firm yearly generation, GWh



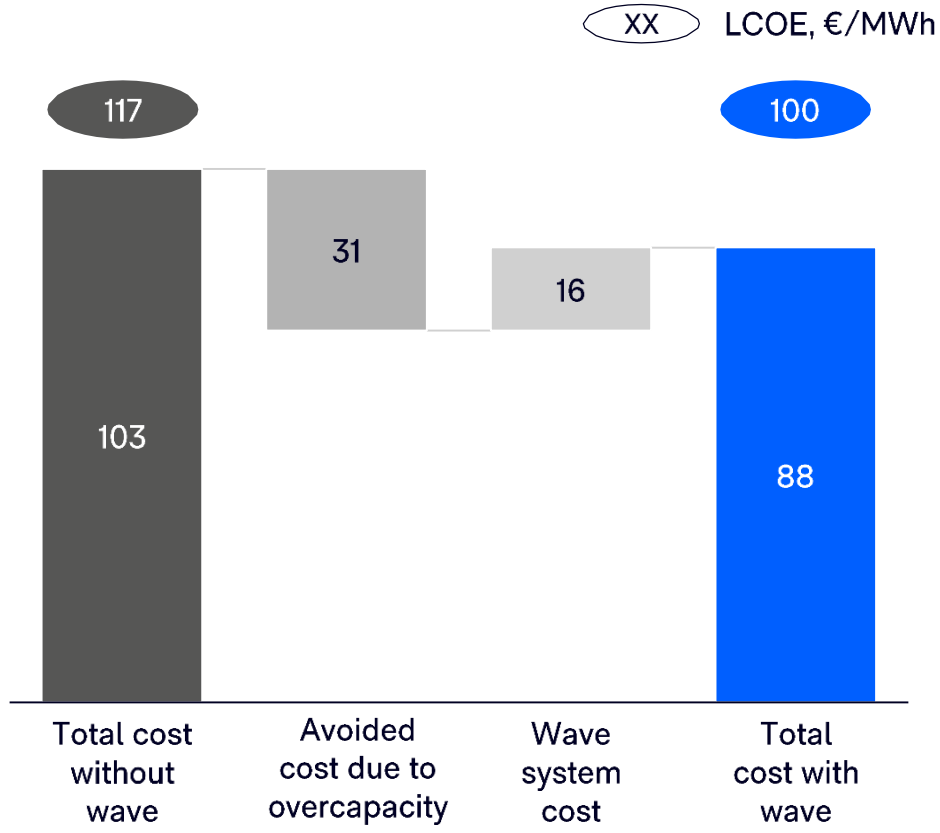
Reduces capacity required

24/7 green firm optimal capacity, MW



Lowers total cost with wave energy

24/7 green firm annualized cost, € mn



1. Green firm power with 100% hourly matching of demand profile; demand profile assumed flat at 100MWh similar to a data center

Source: NREL; CorPower; THEMA Consulting; Green Power Procurement Optimizer

Wave power.
To power the planet.

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#1QWE – QUALITY WAVES ENERGIES TM
As a Service, with larger WAVE FARMSTM



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