

HOW DO WE GET POLICY MAKERS TO SUPPORT **WAVE** ENERGY?

Marcelle Askew
All-Energy 2023
Marine Renewable Session 3
Glasgow, 10 May 2023



HOW DO WE GET POLICY MAKERS TO SUPPORT **WAVE** ENERGY?

STEP IN THEIR SHOES

SHOW THEM THEIR CONSTITUENTS WANT WAVE ENERGY

- News Outlets
- Grassroot Folks
- Large Enterprises



SHOW THEM HOW **WAVE ENERGY**

HELPS THEM MEET THEIR TARGETS

- Green Transition
- Economic Growth
- Cost of Energy

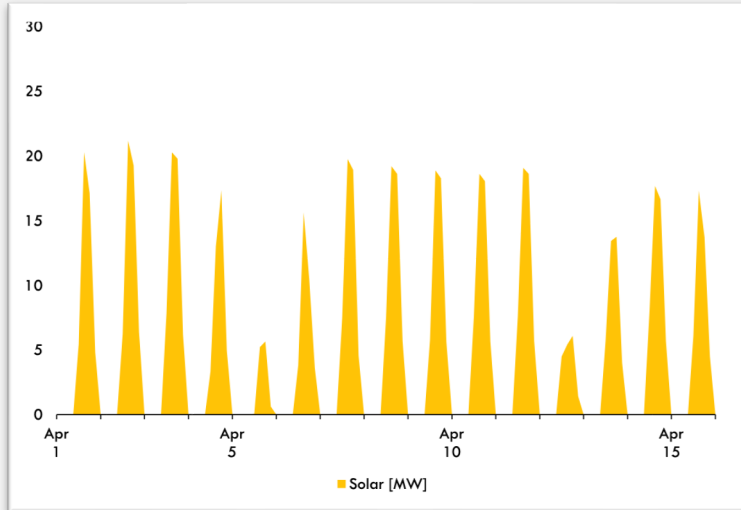


SHOW THEM HOW WAVE ENERGY SOLVES THEIR HEADACHES

- Jobs
- Energy Security
- Grid Stability

WAVE = STABLE POWER... NATURALLY

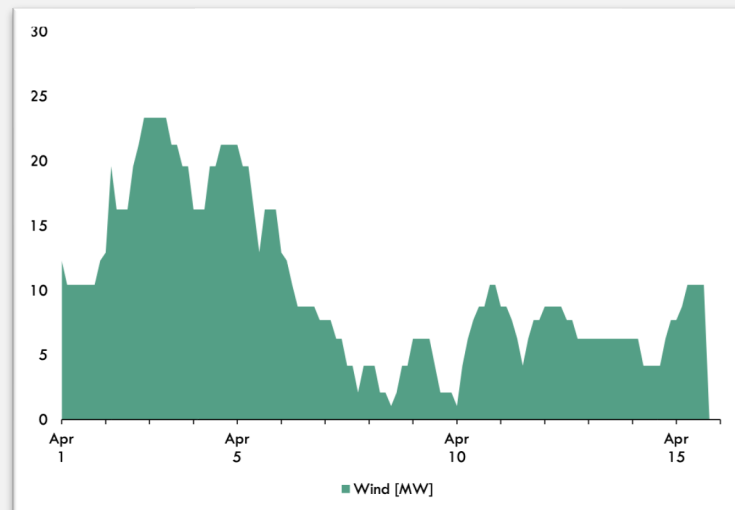
SOLAR



Daytime production depending on the sunshine; zero production at night.

Variability: Extreme
NO BASELOAD

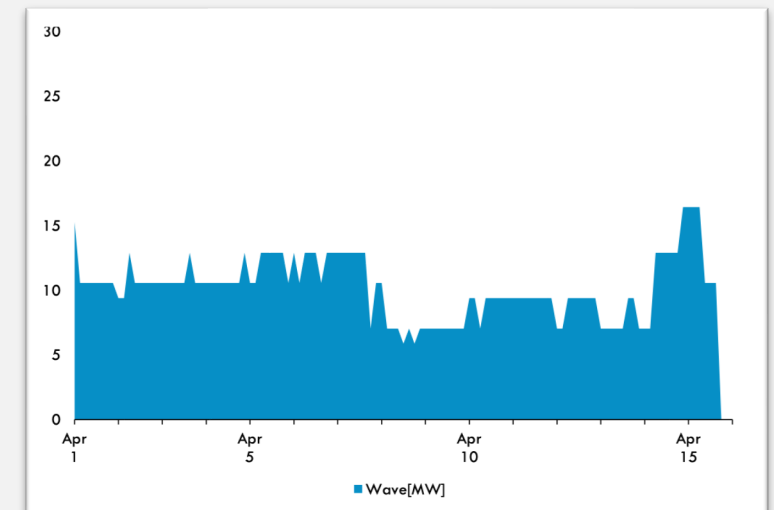
WIND



Follows somewhat predictable weather patterns; high peaks and low valleys.

Variability: High (1 to 10)
LOW BASELOAD

WAVE

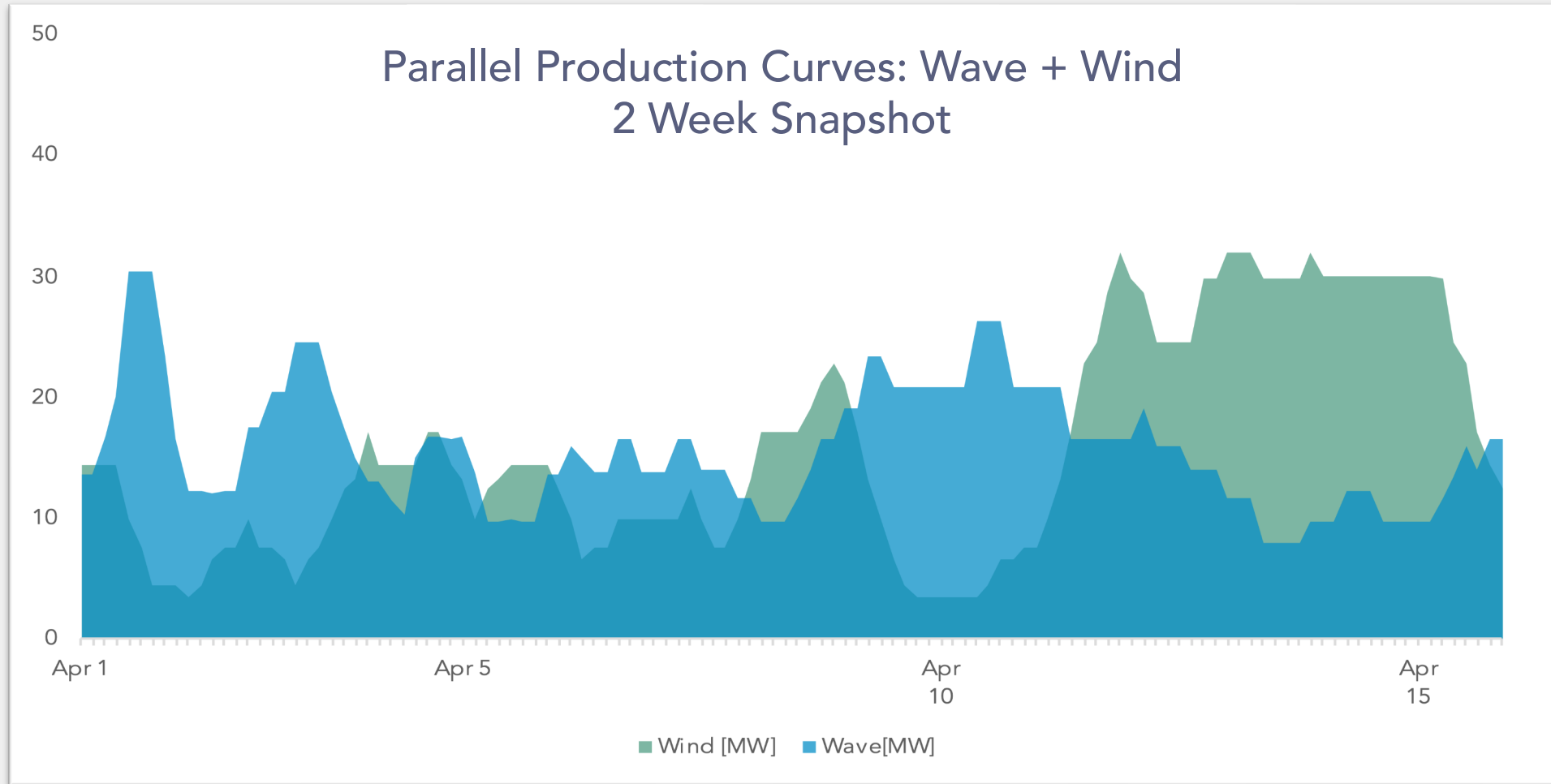


Works 24/7/365; builds and fades gradually. More stable & predictable.

Variability: Low (1 to 4)
HIGH BASELOAD

SYNERGIES OF WAVE & WIND COMBINED

The production curves are complementary, balancing each other.



CASE STUDY: GALWAY, IRELAND

1900MWh of wind power production + 1900MWh of simultaneous wave production

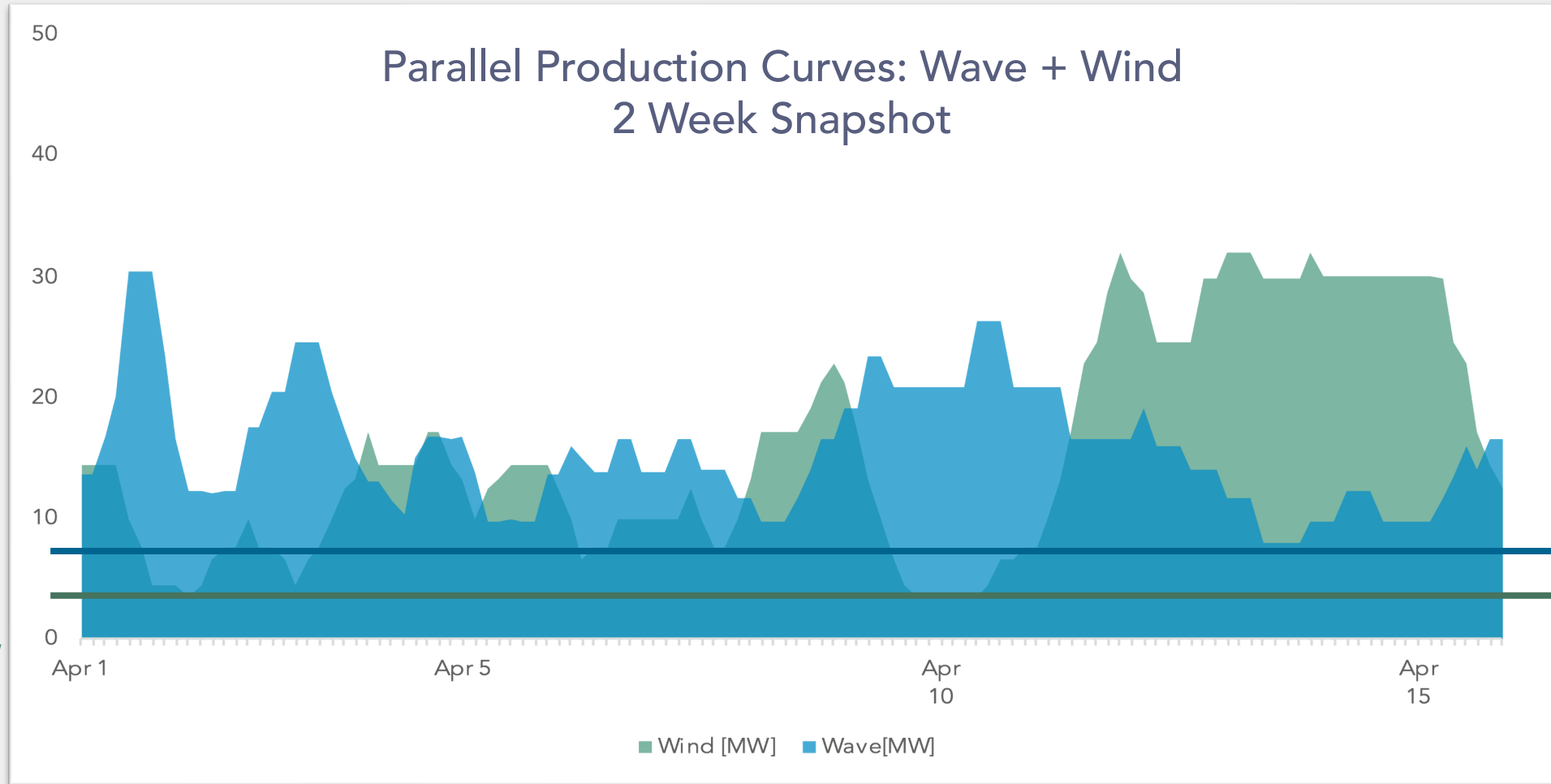
SYNERGIES OF WAVE & WIND COMBINED

The production curves are complementary, balancing each other.



Baseload
Wave: 8MW

Baseload
Wind: 3MW

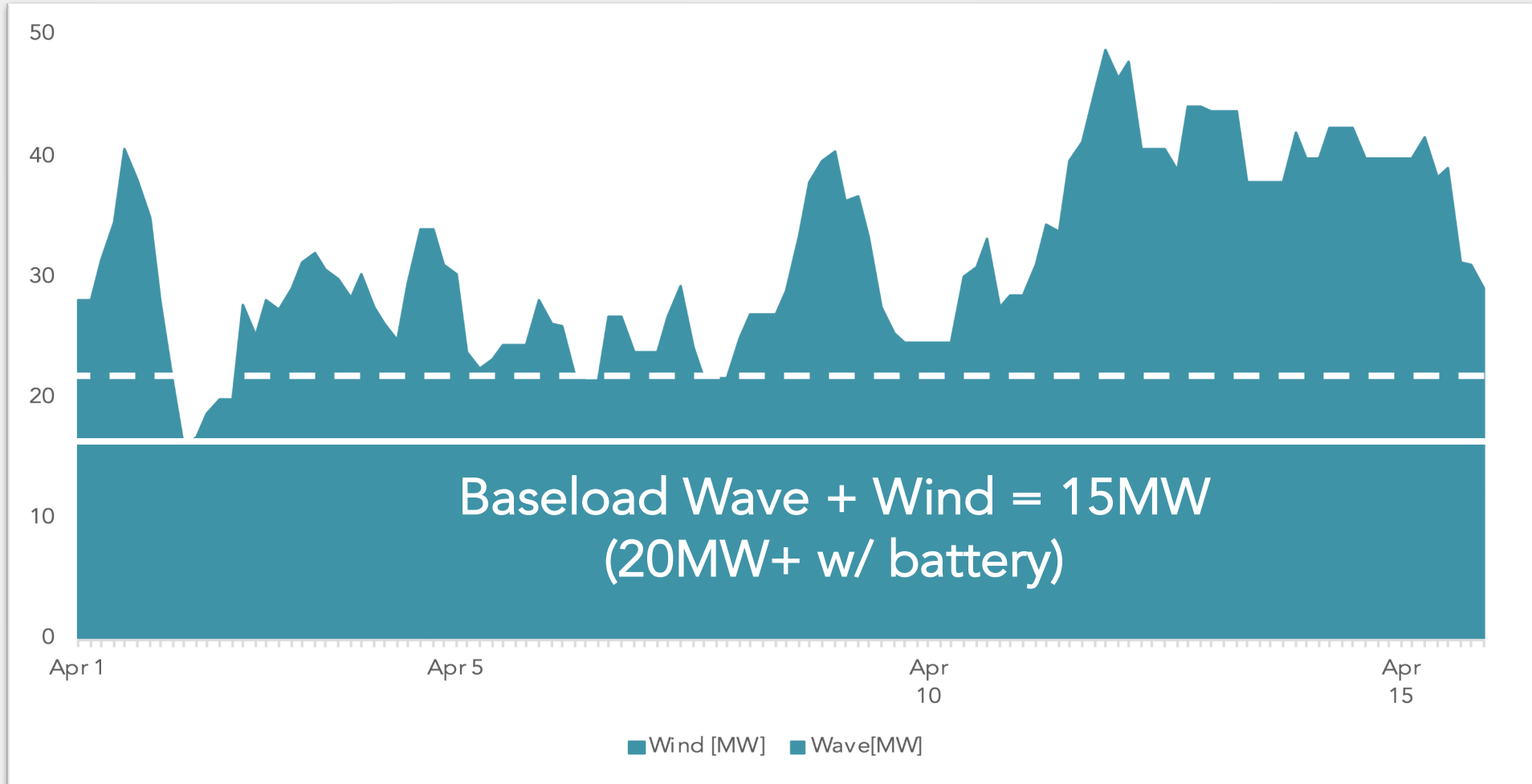


CASE STUDY: GALWAY

1900MWh of wind power production + 1900MWh of simultaneous wave production

SYNERGIES OF WAVE & WIND COMBINED

Together they offer a baseload higher than the sum of each separately!



CASE STUDY: GALWAY

3800MWh of combined (stacked) wave & wind power

HOW DO WE GET POLICY MAKERS TO SUPPORT **WAVE** ENERGY?

Show them our solutions:

- Are popular with their constituents
- Enable them to meet their targets
- Solve their headaches

THANK YOU



BLUE **WAVE** POWER



CONTACT: INFO@SEABASED.COM

VISIT: WWW.SEABASED.COM

© 2023