Offshore Wind Development in Chinese Taipei

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Agenda

01 Energy Policy

04 Emerging Floating Technologies

02 Marine Spatial Planning (MSP)

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03 Offshore Wind Development in Chinese Taipei

01 Energy Policy

Energy Situation - Share of Energy Sources in Power Production



Net-Zero Policy by 2050



02 Marine Spatial Planning(MSP)



Marine Spatial Planning (MSP)



Mechanism of Application and Joint Review



Offshore Wind Development in Chinese Taipei

03

Policy for Offshore Wind Development



Achievements of Fix-Bottom OFW

3 offshore wind farms, including Formosa 1 and Taipower 1 offshore wind farms from Phase 1, and Formosa 2 offshore wind farm from Phase 2

Data up to the end of August 2023

Installed turbines 245 (1.9 GW/) Total turbines to be installed 565 (5.6 GW/ by 2025)







Co-prosperity of Offshore Wind Power and Fisheries

Focusing on Local Affairs

Central and local governments collaborate hand in hand, taking full consideration of regional characteristics and local issues.

Protecting the rights and interests of fishermen

Moderately open fishing, and reasonably guarantee the livelihood of fishermen.





Promoting offshore wind power

In line with the energy transition policy, develop offshore areas into offshore wind farms.

Conservation of the environment and ecology

Emphasizing ecological conservation and sustainable development issues to preserve marine environments.





Emerging Floating Technologies

Floating Offshore Wind Demo. Program (Draft) (2/2)

Selection Mechanism Announced



2024

- 2028
- **Scale: 6-12 floaters** for a single application.
- Number of cases: 2 cases as principle, subject to 1 additional case as appropriate.
- Qualifications: No overlap with sensitive sea areas; Environmental Impact Assessment (EIA) preliminary approval.
- Review items: Technical capability, financial capability and domestic collaboration.



05 Conclusion



Conclusion

- Green energy is the core of energy transition.
- The target of offshore wind is to achieve 5.6 GW by 2025, 20.6 GW by 2035, and 40~55 GW by 2050.
- The first demonstration wind farm commercialized, leading to a new milestone.
- At least 1.5 GW released annually from 2026, to increase selfgenerated energy and reduce imported energy expenditure.



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Thank you for your attention

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Source: Formosa