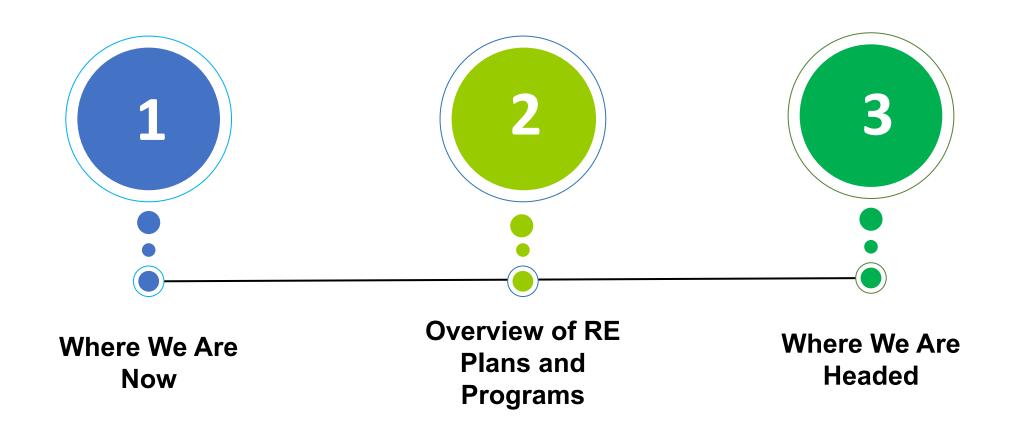
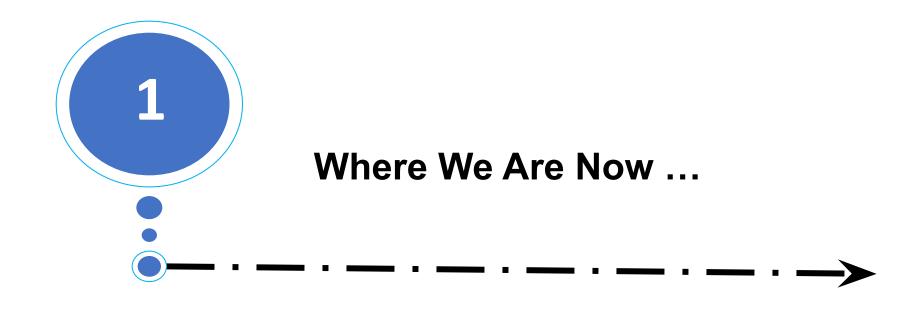


Presentation Outline









Renewable Energy Act of 2008 | R.A. 9513

500 MW

of Biomass Energy (bagasse and rice hulls)



4,000 MW of Geothermal Energy





Accelerate the Exploration and Development of RE

FORDETS and Non-Fiscal incentives to promote RE's efficient and cost-effective commercial application. Institutionalize the development of national and local capabilities in the use of RE systems.

5 kWh/sq.m/day of Solar Energy



10,000 MW of Hydro Energy





Achieve Energy Self-Reliance

Adoption of sustainable energy development strategies to reduce dependence on fossil fuels, hence, minimize exposure to price fluctuations in the international markets

170,000 MW of Ocean Energy



76,000 MW of Wind Resource





Clean Energy to Mitigate Effect of Climate

GRANGE prevent or reduce harmful emissions to balance the goals of economic growth and development with the protection of health and the environment.

BIGSHOW



RE Capacity and Generation Mix

2020
CAPACITY
AND
GENERATI
ON MIX

Installed Generating Capacity

TOTAL: 26,250 MW



10,944 MW



7,617 MW | 29% Renewable Energy



4,237 MW | 16%Oil Based



3,453 MW | 13%Natural Gas

Power Generation TOTAL: 101,756 GWh



58,176 GWh | 67%



21,609 GWh | Reference | 21,609 GWh | Referenc



2,474 GWh | 2% Oil Based



19,497 GWh իթյչու Gas



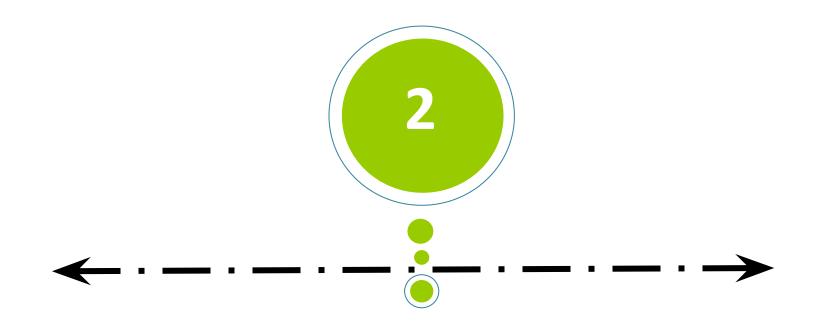
Highlights

Renewable **Portfolio Standards**

(On & Off-Grid)

 \mathbf{O} Must Dispatch and Priority Dispatch of RE resources in the WESM New FIT Rates for the additional installation targets for Solar and Wind **ENERGY SECURE &** Productive Uses of RE Awarding of FIT Eligibility to RE Projects SUSTAINABLE Ensuring the Adequacy and Readiness of the National **FUTURE** Transmission System to Accommodate New RE Capacities **Net-Metering Program** Guidelines on the Awarding of Contracts and Registration of RE **Powering the Grid** Developers Accreditation of RE **Empowering RETF** Manufacturers/ Suppliers **GEAP** Consumers **Ensuring FIT Rules Energy CREZ** Implementation **RE Market Security &** Establishment of the **Lower Costs** PREMS & RE Registrar **Increasing GEOP Investment &** Consumer Empowerment through RE **Job Creation RESHERR** Investment Development Standards for RE Facilities and **EVOSS** Support Certification for RE Practitioners Omnibus Guidelines on the Award of RF NREP 2011-2030

Contracts and Registration of RE Developers

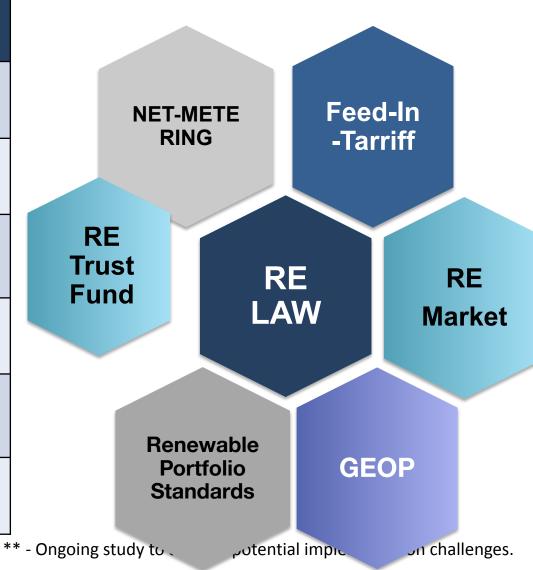


Overview of RE Plans and Programs



RE Policies and Programs

| RE Policy Mechanisms | Status |
|--|--|
| Feed-In-Tariff (FIT) System | Completed except ROR Hydro |
| Net-Metering | Ongoing Implementation |
| Renewable Portfolio Standards (RPS) On-Grid | Ongoing Implementation |
| RPS Off-Grid | Implementation Deferred** |
| Green Energy Option Program (GEOP) | For Full Implementation |
| Renewable Energy Market (REM) | Ongoing completion of Readiness Criteria |



RE Policies and Programs

| RE Support Mechanisms | Status |
|---|---|
| RE Trust Fund | On-Going Development of Implementation Guidelines |
| CREZ | Continuing. Phase 2 Activities ongoing (energy storage system and long-term load forecasting) |
| Enhanced Net Metering Program | Guidebook to be issued on 4 th Quarter 2021 |
| Waste-to-Energy Development | For Policy Issuance |
| Green Energy Auction Program | For Policy Issuance |
| Off-Shore Wind Development Roadmap | On-Going Study |
| Adjustment in the RPS Minimum Annual Increment | NREB recommended increase from 1% to 2.52% annual increment beginning 2023 |



Where We Are Headed ...





National Renewable Energy Plan (NREP), 2020-2040

Goals and Objectives

NREP sets a target of at least

35% RE Share

in the power generation mix (MWh) by 2030

NREP works to drive

RE share to greater than 50% by 2040, dominating the mix



Energy Security

Accelerate exploration and development of RE resources to achieve energy self-reliance and reduce dependence on fossil fuels



Sustainable Development

- Contribute to the SDG Goals
 Balance economic
- Balance economic growth with protection of health and environment



Climate Change Mitigation

Reduce Greenhouse Gas and other harmful emissions



Capability Building

Institutionalize the development of capabilities in the use of RE systems



Inclusive Growth

Catalyze solutions to cross-cutting social issues including poverty, gender, and access to basic needs

Innovating the PH Energy Landscape

Hydrogen ...

Expanded Solar Rooftop Program

Prosumer Program

Committed to Develop and Utilize our RE resources without sacrificing the country **Energy Security.**

Focus on the resources that are readily available, and extend all the necessary support to encourage and promote its development.

Attention to Geothermal Energy and WTE Development, which is indigenous and baseload.

Off-Shore Wind...

Tidal Energy ...

Solid Waste Management

Direct Use



