

Preparing **Conventional** **Generation** Technologies for Changing Operational Requirements/**RE**

Atty. Ricardo "Gao" Pronove
RSP Inc., EcoMarket Solutions

Variable vs Fixed Generation (RE vs CG)

- More variable RE (lower cost) will require changes in output and operation of CG
- Changes will be required in the not so distant future
 - when variable RE is about 15% of grid from current 1%
- We have time to study, plan and prepare but we should start now

Way Forward

- Conduct a technology assessment (focus on coal and gas):
 - Establish new regulations or incentives to steer CG in the right direction
 - Mindful that low output leads to inefficiencies and increased emissions
- Study how plants needed to secure system stability are sufficiently remunerated in the long term

Stakeholders

- Planning and Policy
- System Operator
- Rate Setter & Regulators
- CG Operators

- DOE, NGCP, ERC, DENR ...