

New Jersey



New Jersey's **Clean Energy** Program: National RPS – How Can the Feds help ?



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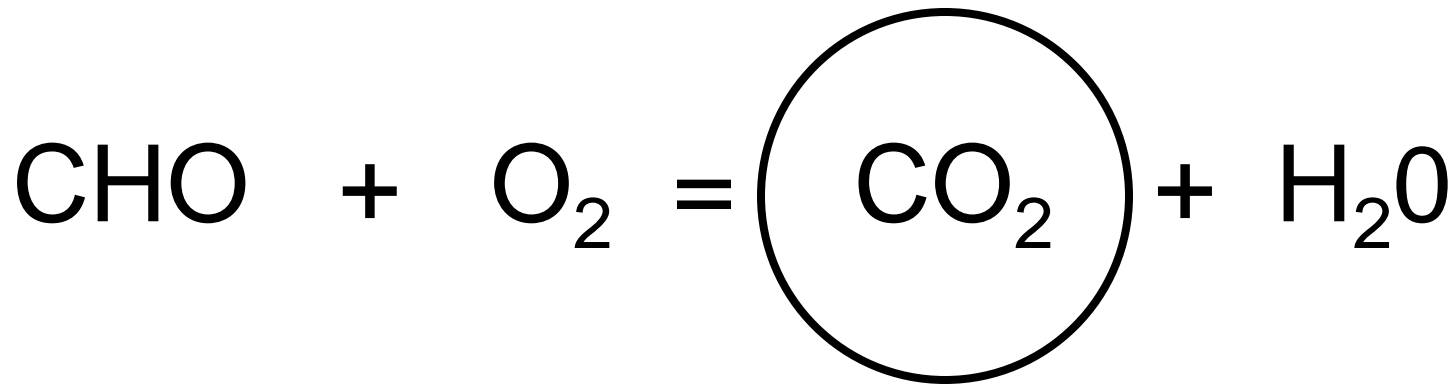
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Why are we Here ?
Why are we Doing This ?



**Make the Energy Cleaner or Renewable
and/or
Use the Energy More Efficiently**



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GOALS from EMP

General goals



22.5% of renewable energy by 2020.

20% from Class 1 with 2% solar – 2.5% from Class 2

Reduce electricity consumption 20% by 2020

Achieve 1990 GHG emission levels by 2020

1,700 MW or 1,700,000 MWh of Solar (141.6MW per year)

15,000,000 MWh of Class I renewables (17.88%) (4,000 MW of Class I RE)

1,000 MW of offshore wind by 2020 (83.3 MW per year)

200 MW of on-shore wind by 2020 (16.6 MW per year)

900 MW of sustainably grown and harvested biomass (75 MW per year)

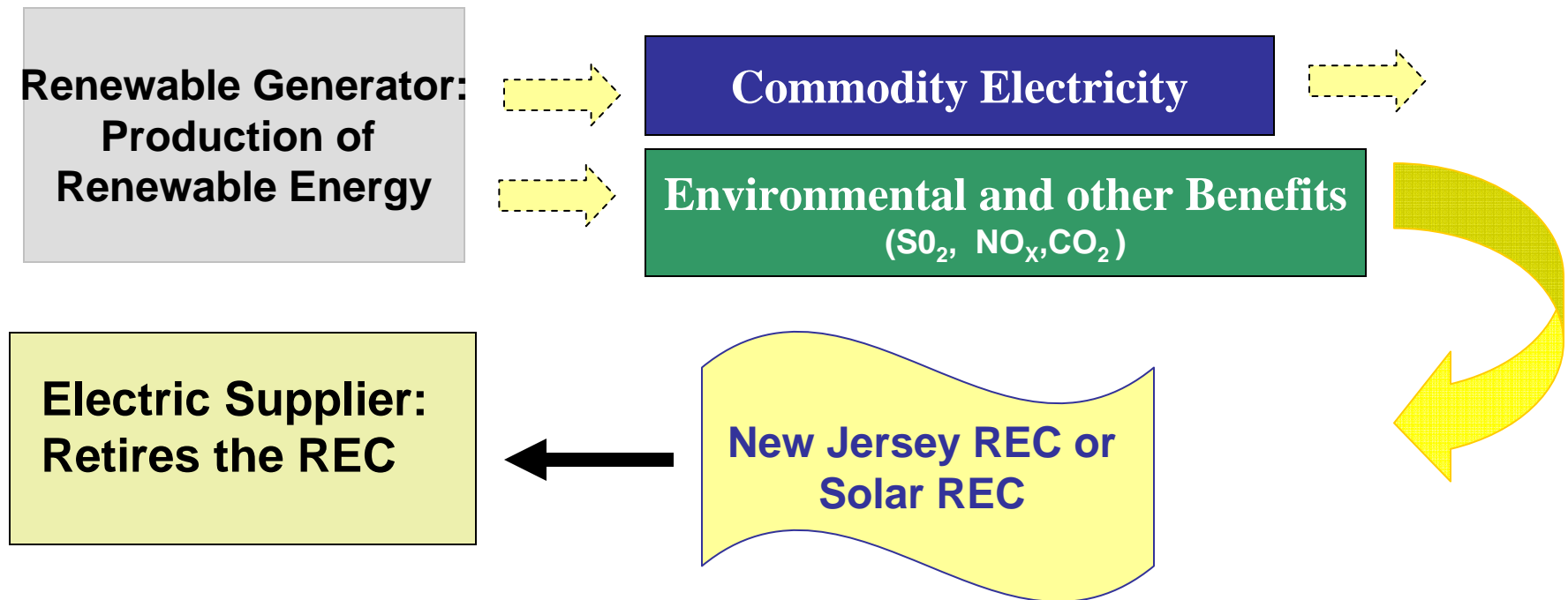


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Renewable Energy Certificates (RECs)



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But Environmental Benefits just one aspect of an RPS

The Other is Economic Benefits for Jobs Growth and Business Development

The Rutgers' Center for Energy, Economics and Environmental Policy found a relatively small rate impact if accompanied by in-state economic development



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But Economic Benefits just one aspect of an RPS

The Other is Local Congestion Relief

The Rutgers' Center for Energy, Economics and Environmental Policy found a relatively small rate impact if accompanied by a reduction in distribution congestion



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If a National RPS than what



1. Needs to have some Geographic boundaries

Me biomass REC should not trade in HI and a HI geothermal REC should not trade in ME

2. Needs to harmonize RE Resource definitions but allow for state specific RE Resources

PA waste coal – Jobs/Economic Development

3. All RE technologies are not the same – Should not be neutral

Solar set aside – A 3 to 1 Value does not do it



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If a National RPS than what



1. Do NOT duplicate a federal REC tracking and Trading System

Use existing systems where possible

2. Provide for FAIR Competition

Regulated vs Non Regulated States

3. All RE technologies are not the same – Should not be neutral

DG set aside to address in state distribution congestion



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Thank you
Questions ??

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