

Power System Interconnection and Energy Security

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KERI (J. YOON jyyoon@keri.re.kr)





<Keyword & Notice>

Meaning of PSI in NEA Regions : Roadmap for Sustainable Peace

Need to Feasibility Assessment on NEAREST-PSI

Energy Security Issues & Requirements on NEAREST-PSI

• Energy Security & Sustainability & To be determined Topics

What should do we for Sustainable Energy Network ?

Suggestion for Sustainable Energy Network in NEA Region





<Backgrounds>

Most of NEA Countries

- have mutual complementary characteristics
 - Natural resources, Power mix ratio, Electricity tariff ...
 - Need to build more power plants & Resource Development
- **PSI**(Power System Interconnection) can be alternatives to ...
 - Overcome these difficulties in NEA power sector
 - Utilize the complementary characteristics between them
- But, PSI in NEA Region couldn't realize until now because of
 - Differences of Technical, Business and Regulatory Regime
 - Business Discredit and Political Points among NEA Countries
 - DPRK Variants and Refusal caused by Past History Problems ...



<Meaning of PSI & CBT in NEA Region>

"Power System Interconnection & Cross-Border Trade between ..."

- Enhancement the sustainable Regional Peace parade
- Economic Win-Win game & Technical Reserve Supporting System, But Positive & Negative Points in Energy Security (?)





<Promotions on PSI & CBT in NEA Region>

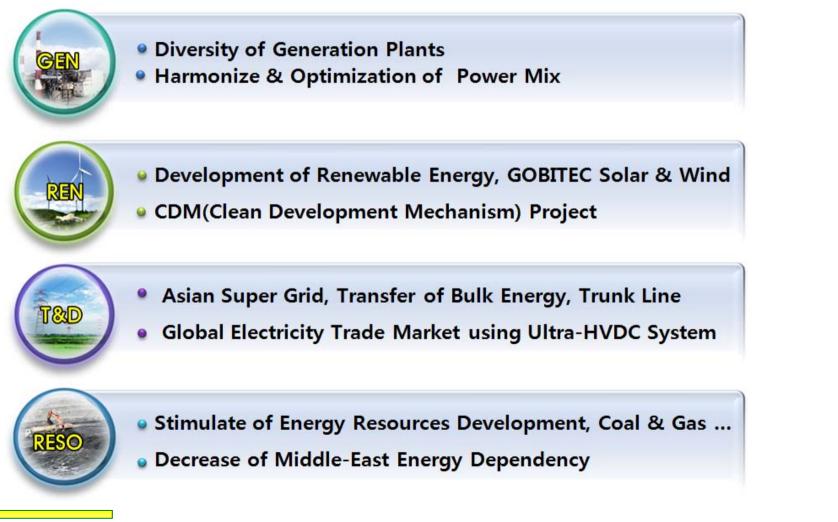
Beyond NEA, Toward Worldwide ...

Trans Northeast Asian Network : "RU-MO-CH-NK-SK-JP"



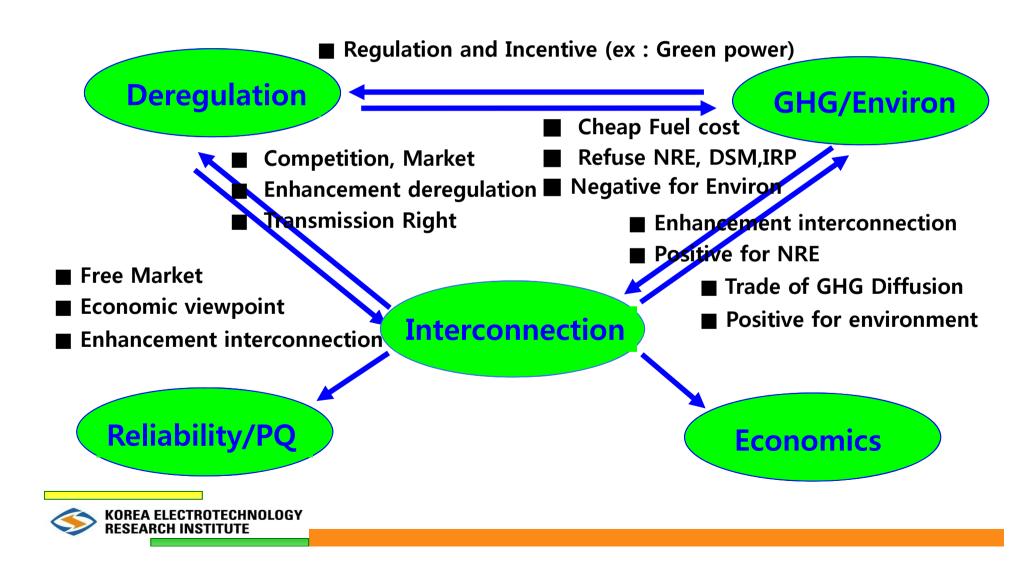


<Benefits of Electricity Market Integration>





<PSI/CBT & Relation Factors>





f Deregulation & Interconnection>

competition and economic efficiency nonopolies (both intra and inter-country) efficient markets without distortions e security of supply and the existence of infrastructures the quality of service e accomplishment of the public service obligations consumer interests e to a better environment e to the efficient and sustainable use of energy the peaceful cooperation between interconnected count



