Global Energy Policy Research | GEPR

GEPR??
????http://agorajp.com/??
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?? ? · Saturday, January 7th, 2023



Natali_Mis/iStock

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2.3.???

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???????2040??
?????????

????Typhoon?????????????21t???4t???????????????????49MWh??????????????????????????????? ????????180Wh/kg??????????????13???272

t????????49×10^6Wh/180×10^3Wh/t?272.2t??????????????

????????TV?? 70??=272/4?? ????????????????????????????

????????????6.2m×?2.5m???4667kg?300??????????????S???????????2100kg?100kWh??????300? ???????????????

??????????2.2???????????220kWh??1m²??1 50W??????6.2m×?2.5m??????????????????95??????220kWh/(0.15kW/m² × 6.2m × 2.5m)?94.6 h???????????95??????????????1?????????????????????????????

?? ??3.1. ???????

2.4.?????????????????

??

????????2200??????????????????????????????2600?? ??1?1?2?? ?????????

?? ?? ??)????????????????????????????????

???3?????????

2.5.????????????????????????????

??????????????????????489.7EJ??60??=293.8EJ???CO2?????????????????????????9320GW?????? ?????40??????????????23300GW?????????????????????????28?????????????????????????????????? ???

?? ??????

??????????????????????????????????????2021?11????????????COP26?????????????????????????? ???????????????????????????

?? ??????????????????????????????????????2022?3????8.6%???7?7720????????????????2022??????? ????????????????????

? ????2022?????????????1.2%??????80???????????????????????????2??????3????4???????

??????????????????2021??3.54EJ?2019??2.27EJ??56?????????????????????????8.47%???????????
?????????24???????????????2.4%???

??2050?????2070????????????????????????
????2050??

3??????????

????????????????????????????????????99.7%??????ICE?internal combustion engine???????????????????95??????????????????????

??????????????????????????????????????BEVs?battery electric vehicles????????????????????????????????????PHEVs?Plug-in hybrid electric vehicles?????????????????????????????HEVs?hybrid electric vehicles?????????????????????????

? ????????PHEV?HEV?????????????????????????????????

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???????

????????????????BEVs???
?????FCV???1100??

?
??????????????????????????EV?PHEV??
??700??????????????????????FCV??????????
????

???BEVs??????????????????????????????????LDVs?light duty vehicles?????????????????????????45??
????????????????????????????????

????????A320??19????????????????????????????

??????13???LDVs????????2040?????17?19????????????????????????3600???LDVs??????2021?????BEVs?36????1%????????????????????LDVs?????????????????????100????????????LDVs??????????????????
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2021??????????1250???(???)BEVs????????70??
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