Global Energy Policy Research | GEPR

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??? ? · Monday, April 22nd, 2013

?IEEI??

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3?12??13??????????
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? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? 1 0 0
??JOGME
C????????????????? 46 ?174 ?/m3????????????10?/m3 ????????

??
??

??
??2012??7?????????????????????????FIT??????????????????
????????????????????????????????????

????????????????????????

??
??????????????????????????????????1 ????

? ?
M?????????????????????????T?×????????????????????????c?????…?1?

????

c ??????????????/ (?????GDP)…?2?

??2 ???????2010?? c ???

c ? ?514,227×1010 kcal?/?539,122 ×109 ??= 9.54 kcal/?

???????

?? i??????????????

????????????????????

??
i???

????????????? i??1 ?????????M ?/ ???????? S????????…?3?

??????????? S ????????????????????????????????? S ????

S ?????????13,102 kcal/kg?/?????????????? 1.4 Nm3/kg??9,358 kcal/Nm3

???????

??????????M ?????????1?????

?M ????????????????????????????????M?
???????????????????????????? ×???????????????????????? c?

????JOGMEC ??????????????

M ???46 ~ 174 ?/m3?/?1.4 Nm3/kg??×?9.54 kcal/???313 ?1,186 kcal/Nm3

??????

?? S ? M ???????3?????

??????????????i?
???1 ??313 ~ 1,186 kcal/Nm3?/?9,358 kcal/Nm3?67 ~ 0.872 = 96.7 ~ 87.2 %

???????

?? 1 ?????????????? i
??

?????????????

? ? ? ? ? ? ? ? ? F I T
??3???????
???????????????????????????? i ??????????

?????????????????????FIT ??????? 42 ?/kWh ?????????????? 37.8 ?/kWh ????

? i = 6 0 . 1 %
?? i ????? 87.4 %
?????????i ??? FIT??????????????????????????

??
??(2009?????2)??LNG ???????? 45.1 %

??

?????? kWh ???????????????? kg???860 kcal/kWh?/??????????????0.451?/?????????? 13,102 kcal/kg??0.1467 kg/kWh

?????????JOGMEC ???

????????????????????????????????????? 46 ?174 ?/Nm3?×?1.40 Nm3/kg??64.4 ~ 234.6 ?/kg

??????????????????????

????????????
??0.1467 kg/kWh?×?64.4 ? 234.6 ?/kg??9.45 ~ 35.7 ?/kWh

????

??2010 ???LNG???CIF ?? 50.114 ?/kg?????????????????????7.35 ?/kWh ??

????????????????

??? 35.7 ?/kWh ????? 37.8 ?/kWh ??FIT ??????????????????????????????

?????LNG ????????????????? 5 ????????FIT??

??FIT ???FIT ??????????????????????????????3??

??

???FIT ??? FIT ?????????????????????????

????? ?
1??2011?
2????????????????EDMC/????????????2012??????????????
3??2012?

????? ?????????????????FIT????????????????????????????????? i ????

?2013?4?22????

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