Global Energy Policy Research | GEPR

GEPR??
????http://agorajp.com/??
???

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

?? ? · Thursday, May 13th, 2021

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

??????????????2050??
??
??????????????????????CCS???????????????????



JONGHO SHIN/iStock

????????????????????????????????????CO2????????????????????????????????????TV???CM??????
??1????????????????
??(H2O)????????????????????????????????

??(?????
?????)?????????(????????????)??(???)??????????
??
?(CH4?????????CmHn??????????)????????????????????????????????????

$$
\begin{aligned}
&CH_4 + H_2O \rightarrow 3H_2 + CO && (1)\\
&CO + H_2O \rightarrow H_2 + CO_2 && (2)\\
+)\ &CH_4 + 2H_2O \rightarrow 4H_2 + CO_2 && (3)
\end{aligned}
$$

??CO2??????????????????(C)-
??(H)???????????(H2)??????????(C)??????????????????????????(???????????(O)????)???????????
?????????????CO2???????????????????UAE??
??CO2??
??????????????????????????????????(1)????????????1000????????????????????????????????????
??(???CO2???)????????????????????????????????CO2?
??????????????????CCS (Carbon Capture and
Storage)???????????????CCS??????????????????????????CO2??????????????????????CCS?????
??

??????????????????????3????????????????????????????(?????????)??????????????CO2?????????
?????CCS???????????CO2??CO2?????????
??
??
????????????????????(???????CM?????????????????)?

??????????????????(??????)??????????(??????)??????????60?????????2?????????????????0.6×0.6?0.3
6????36??64????????????????????????????????????
??????????????????????????????????30??????????????????

??????????????1970??
??
??

??
??
??

??
??

?

?? ?

2020?3??(???????)?????????????????????

This entry was posted on Thursday, May 13th, 2021 at 7:00 am and is filed under ???, ??????????
You can follow any responses to this entry through the Comments (RSS) feed. Both comments and

pings are currently closed.