Global Energy Policy Research | GEPR

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????http://agorajp.com/??
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2030?46??????????? ??????????????????????

??????????IEEI? · Sunday, July 18th, 2021

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4?22?????????????????????2030??????????2013????46????????50?????????????????26???????7???
??8??
??7??????46?????????????????????????????????46???

???2030?46???????????

6?2030??46?????????

(1)?????????????????????

????????????2030??22?24??2,366?kWh?2,515?kWh????????2019????18??1,853?kWh??????????
??2,370?kWh?????FIT????????????????????????????????

GW (億kWh)	①現時点導入量 (2019年度)	②FIT既認定未稼働の稼働	小計 (①+②)	③新規分の稼働		合計 (=①+②+③)		現行エネルギーミックス水準
				努力継続	政策強化	努力継続	政策強化	
太陽光	55.8GW (690)	18GW (225)	73.9GW (919)	13.8GW (172)	更なる検討が必要	87.6GW (1,090)	更なる検討が必要	64GW (749)
陸上風力	4.2GW (77)	4.8GW (90)	9.0GW (170)	4.4GW (83)	6.3GW (121)	13.3GW (253)	15.3GW (291)	9.2GW (161)
洋上風力	– ※0.01GW	0.7GW (19)	0.7GW (19)	1.0GW (29)	3.0GW (87)	1.7GW (49)	3.7GW (107)	0.8GW (22)
地熱	0.6GW (28)	0.03GW (1)	0.6GW (29)	0.05GW (2)	0.4GW (17)	0.7GW (30)	1.0GW (45)	1.4-1.6GW (102-113)
水力	50.0GW (796)	0.2GW (10)	50.2GW (829)	0.5GW (25)	0.5GW (105)	50.6GW (854)	50.6GW (934)	48.5-49.3GW (939-981)
バイオマス	4.5GW (262)	2.3GW (135)	6.8GW (404)	0.5GW (27)	0.5GW (32)	7.2GW (431)	7.3GW (436)	6-7GW (394-490)
発電電力量 (億kWh)	**1,853億kWh**	**480億kWh**	**2,370億kWh**	**338億kWh**	**534億kWh+更なる検討**	**2,707億kWh**	**2,903億kWh+更なる検討**	**2,366~2,515億kWh**

※太陽光以外についても、ヒアリングで提案のあったものの、現時点では実現可能性が明確でない政策の効果については織り込んでいない。
※「小計（①+②）」の発電電力量は、直近3年間の設備利用率を用いて計算しているため、単純な「①+②」の数字とは異なる。

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A?

????????13.8GW?172?kWh?
2020??????1.5GW?????????2030???????????

B)

??????????????????????????????
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???????????
???????????
??????????ZEB/ZEH???
?PPA??????????????????????????

??????

A?

????????4.4GW?83?kWh?
??3???2018?2020??????????130?kW??4????????????8???
??????

B)

????????6.3GW?121?kWh?
??????????????????????????????1?kW????5?kW??2
GW???

??????

A?

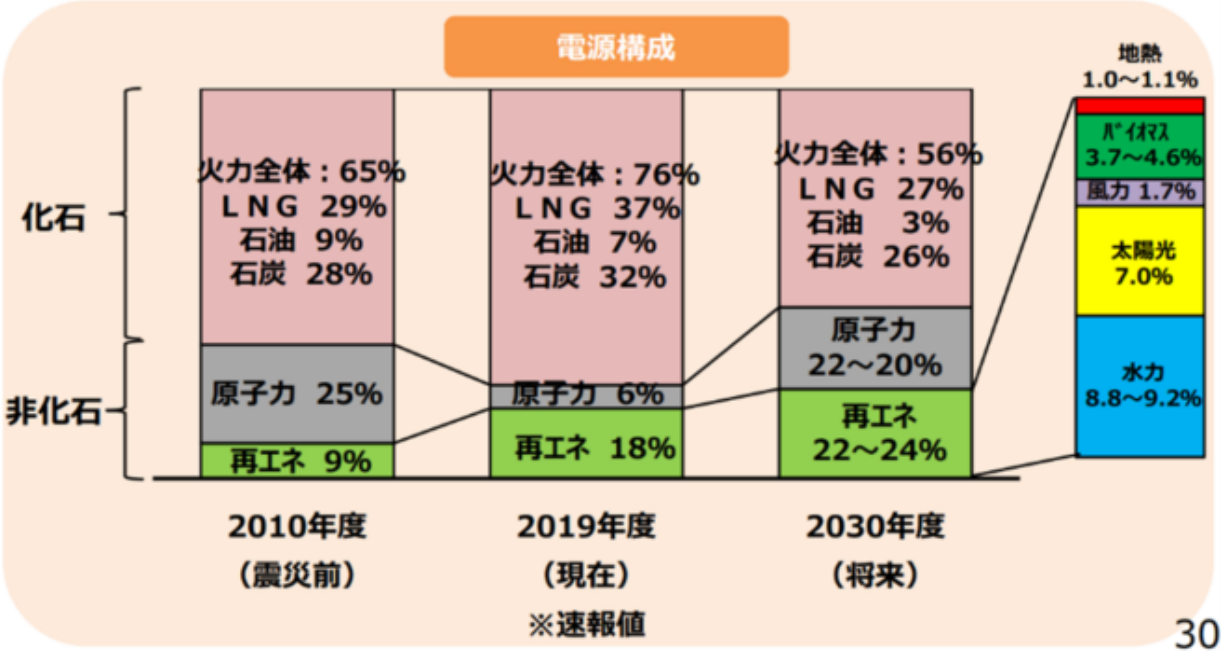
????????1.0GW?29?kWh?
????????????1??????????100?kW????????10?????2030????1,000?kW????????????????????????
????????

B)

????????3.0GW?87?kWh?
??200?300?kW?????????

??FIT????????????2012?2014??
??
??134??????????????????????????????????????
??????????????????????????2019???88????2030????60??
??
??????????????????????

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



????????2030?????????????????????

??????????????????????2030??22?20??2,130??2,343?kWh?????????????????????????????????????
?80?????30?????????????????????

????????????????????????????36????????????????????80?????????????2,600?kWh?60???????
??1,900?kWh?40???????????



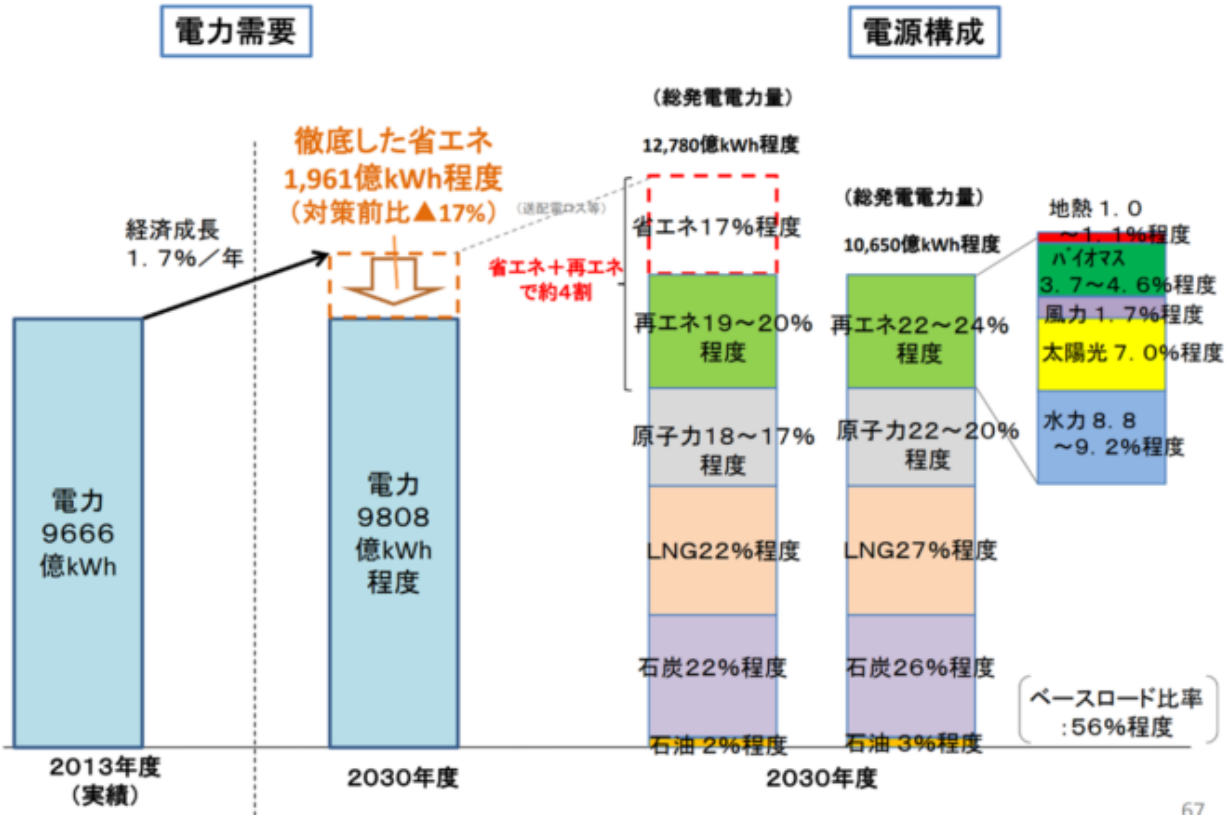
??????????2021?4???????????????

??????2019?????????????????6??9???????????????36????9?????????????????????11???????
??

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

(2)?2030?????????????????

???????????2030???1.2?t????0.9?t???
????????????5,030?kl?????6,200?kl??????????????????????????????????2030?????????????9,808?kWh??????????????



???2030????????????????????????????

????????1??5???6???
???????CO_2??????2013????0.6 kg-CO_2/kWh?????2030?????0.2kg-CO_2/kWh???????4?5???0.5 kg-CO_2/kWh??????????????????????????????????CO_2????????70????????????????????CO_2?????????
????4??????????????6???30???????????????46?????????????

					（単位：百万トン）	
	2013年度	（構成比）	2030年度（旧目標）		2030年度（仮置き*）	
電力由来エネルギー起源CO2	548	44%	360	-34%	164	-70%前後
その他エネルギー起源CO2	687	56%	567	-17%	503	-30%前後
エネルギー起源CO2	1235	100%	927	-25%	667	-46%
*計算上、単純に筆者が仮に置いた数字であり、政府より示されたものではない。						

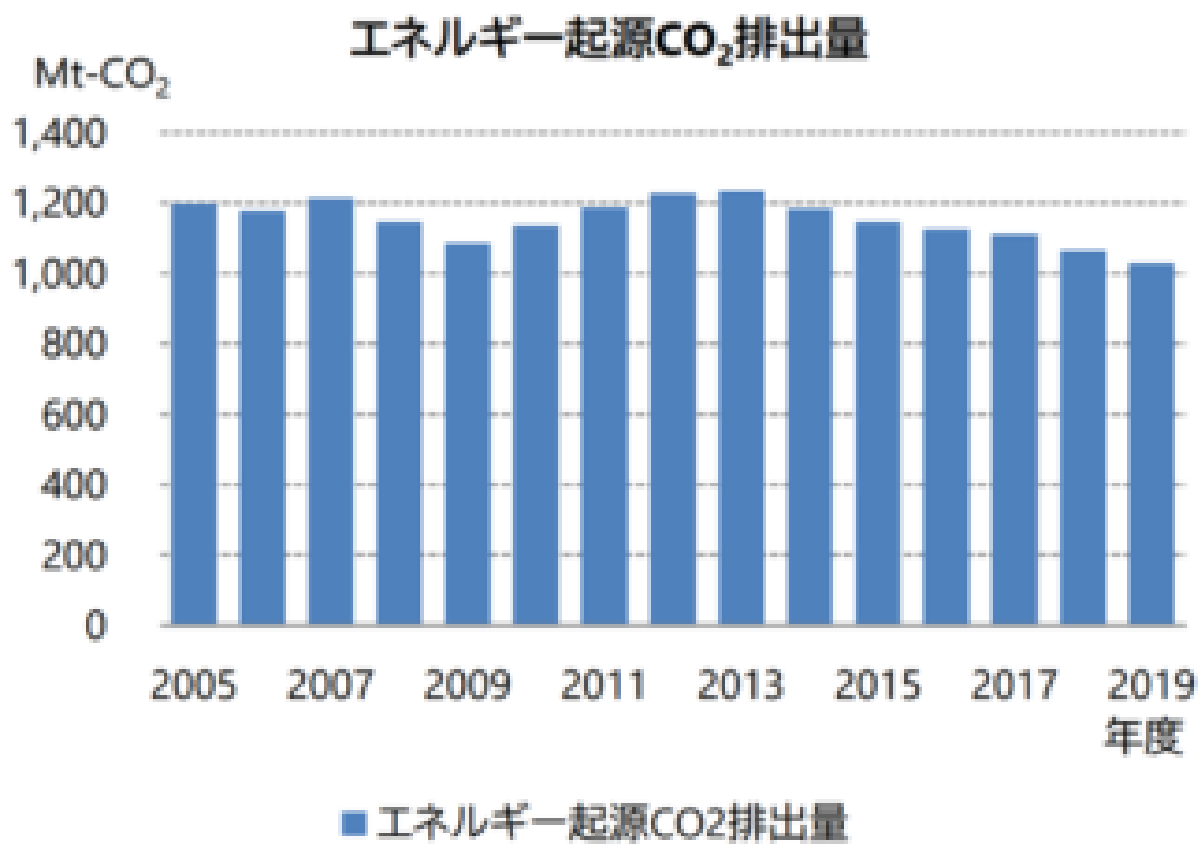
???????CO2????????????????????????????

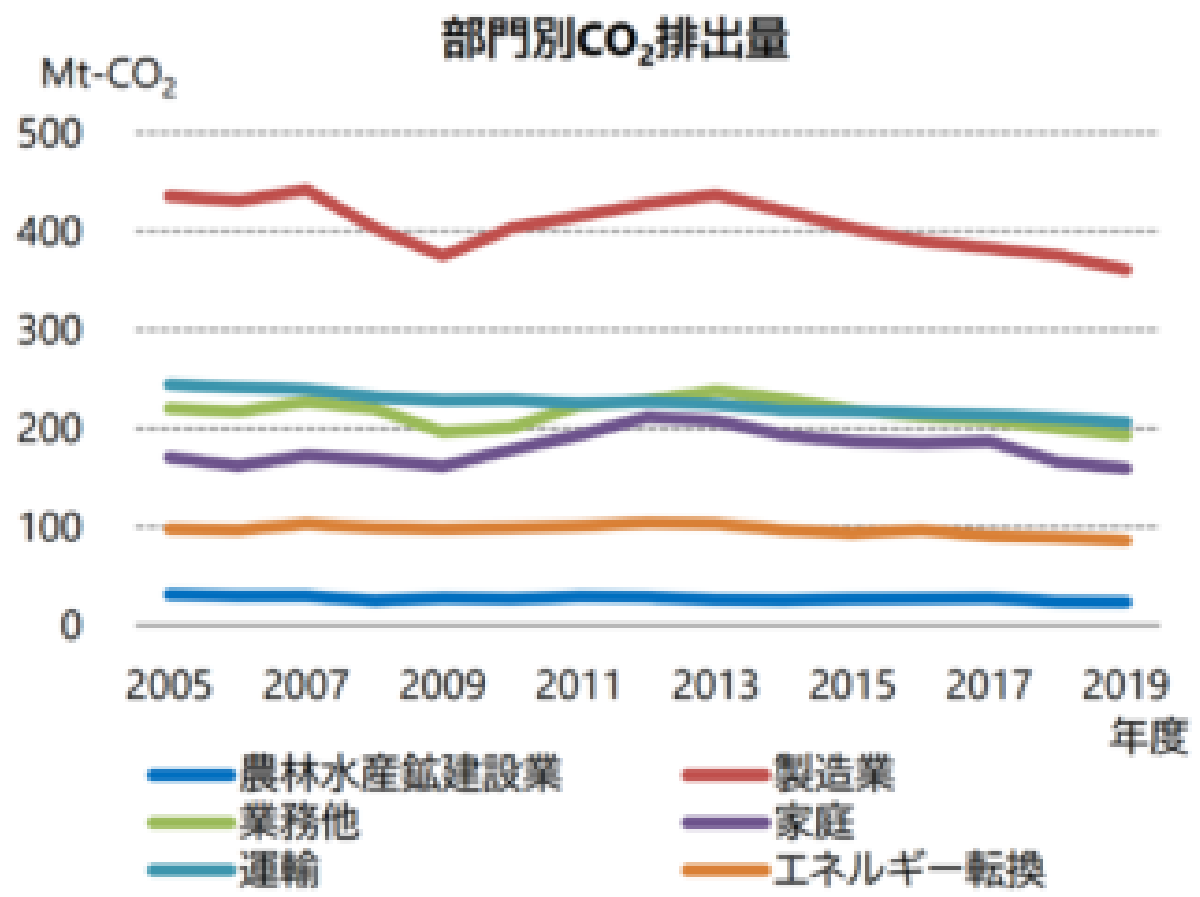
??2030??????????9????????????????
??

??????????????33???????????12%?40??????24??46%??????32%??????????????[49?]???????????

????????????????????????????????????[?50?]?

???????????????????CO_2????????????9?? ???????CO_2????????????????????????????CO_2?? ????????ZEB?ZEH???





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?49??33?????????
https://www.enecho.meti.go.jp/committee/council/basic_policy_subcommittee/033/033_004.pdf

? 5 0 ? I D C Japan????????2021?2025???2020?2025????????? ??????28.8??????????????????????????????37.2?????????????
https://www.idc.com/getdoc.jsp?containerId=prJPJ47646821

????2030?46???????????????

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?2030?46???????????
?2030?46???????????
?2030?46???????????
?2030?46%??????????
?2030?46%??????????
?2030?46%??????????

???????????????????? 2021?6?25??

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