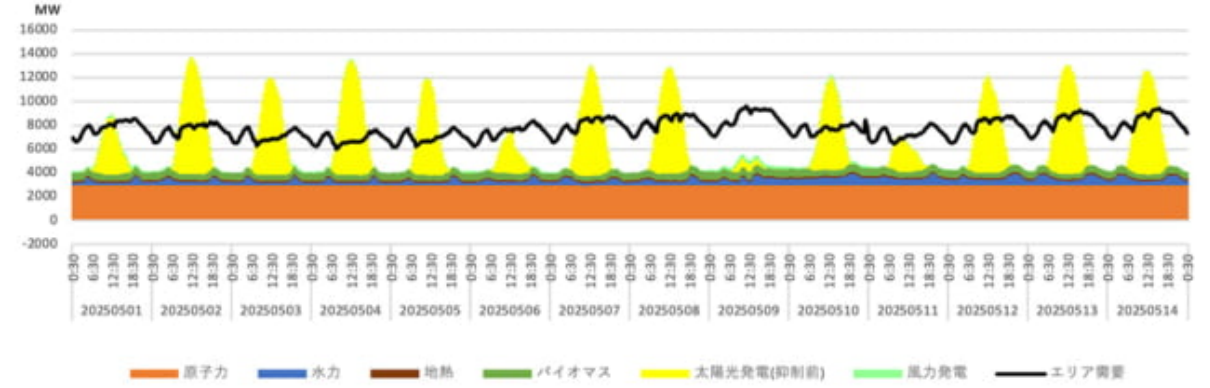


?1 ?????????2025?5?1?14??

CO2??

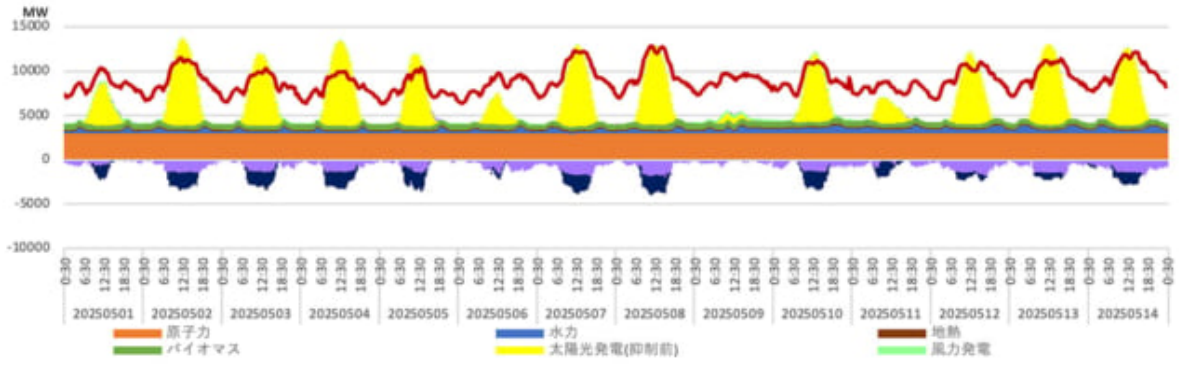
??  
??  
??<sup>24</sup>????????????????

??????CO2??  
??????2??



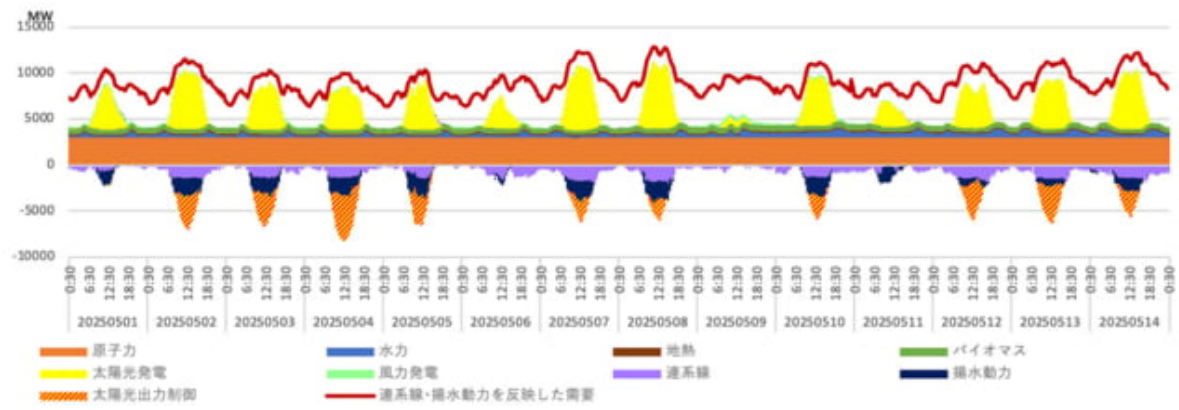
?2 ??????CO2????????????????????????2025?5?1?14??

??  
??  
??3????  
??????CO2??  
??2????????????????????



73 ?????????????????????????????????2025?5?1?14??

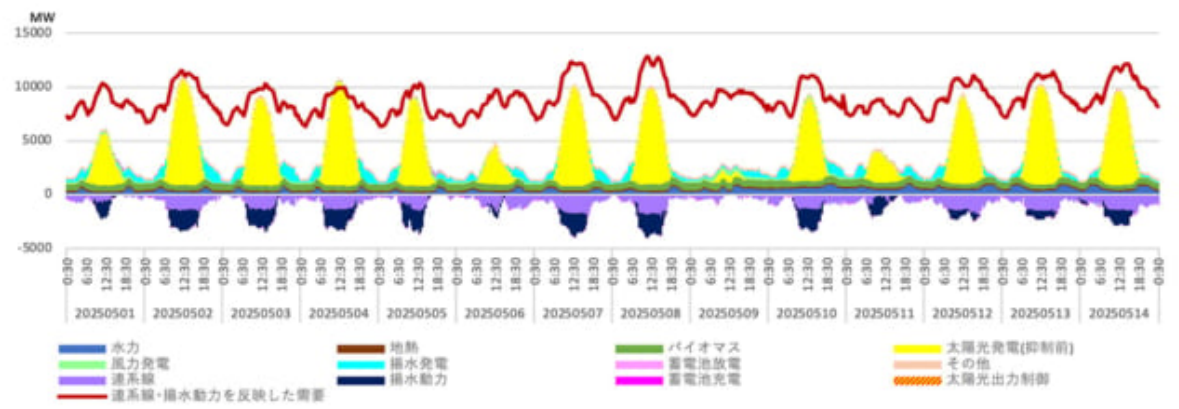
??4????????????????????????????????CO2????????  
??



74 ?????????????????????????????????2023?5?1?12??

???5????????

???2????????????????????  
??



75 ?????????????????????????????????2025?5?1?14??



tzahiV/iStock

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

2026?3?17?14?28?????????????????????2?6600?????????????????????2024?4?25?????????????????????2026  
?1?28??1?2100?????????????????19?8?????????????4??????????

??

?????????????????????1???6??????????????



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

??

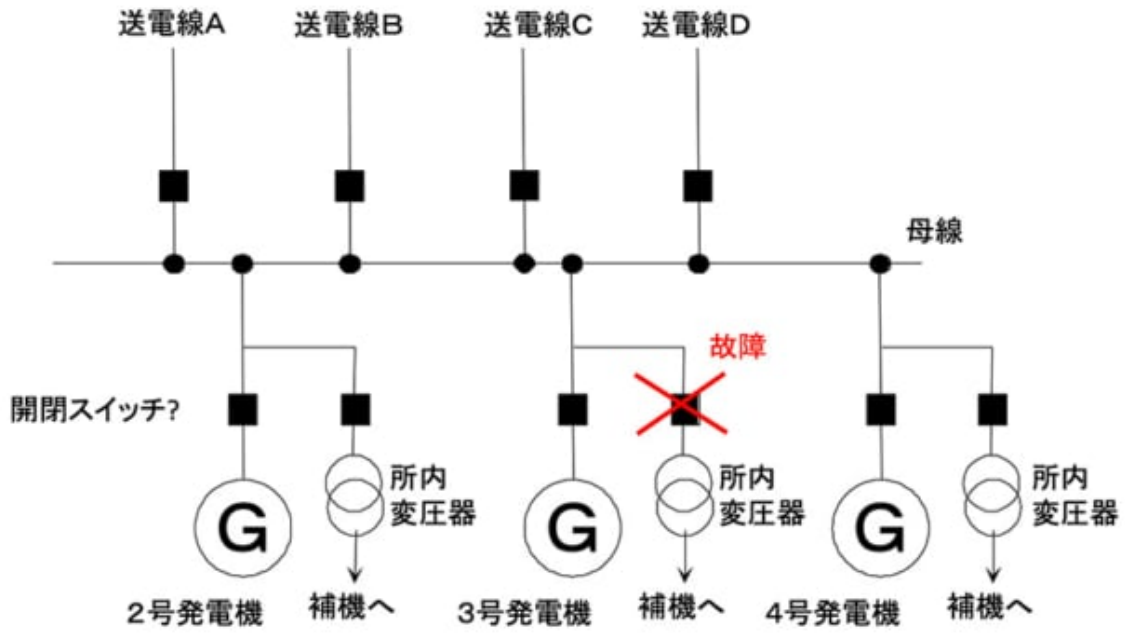
- ?????????????????30MW
- ?????????????????5MW
- ?????????PV?700?????????????????5?8MW???????

?????????????????????1????????????94MW?????????????????12MW??????????

宮古発電所		宮古第二発電所		系統用蓄電池	
号機	最大出力(MW)	号機	最大出力(MW)	号機	最大出力(MW)
1号ガスタービン	5	1号	10	蓄電池	12
2号ガスタービン	5	2号	10		
3号ガスタービン	5	3号	10		
合計	15	4号	10		
		5号	15		
		6号	12		
		7号	13		
		合計	79		

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





??

??  
??

??

??

??

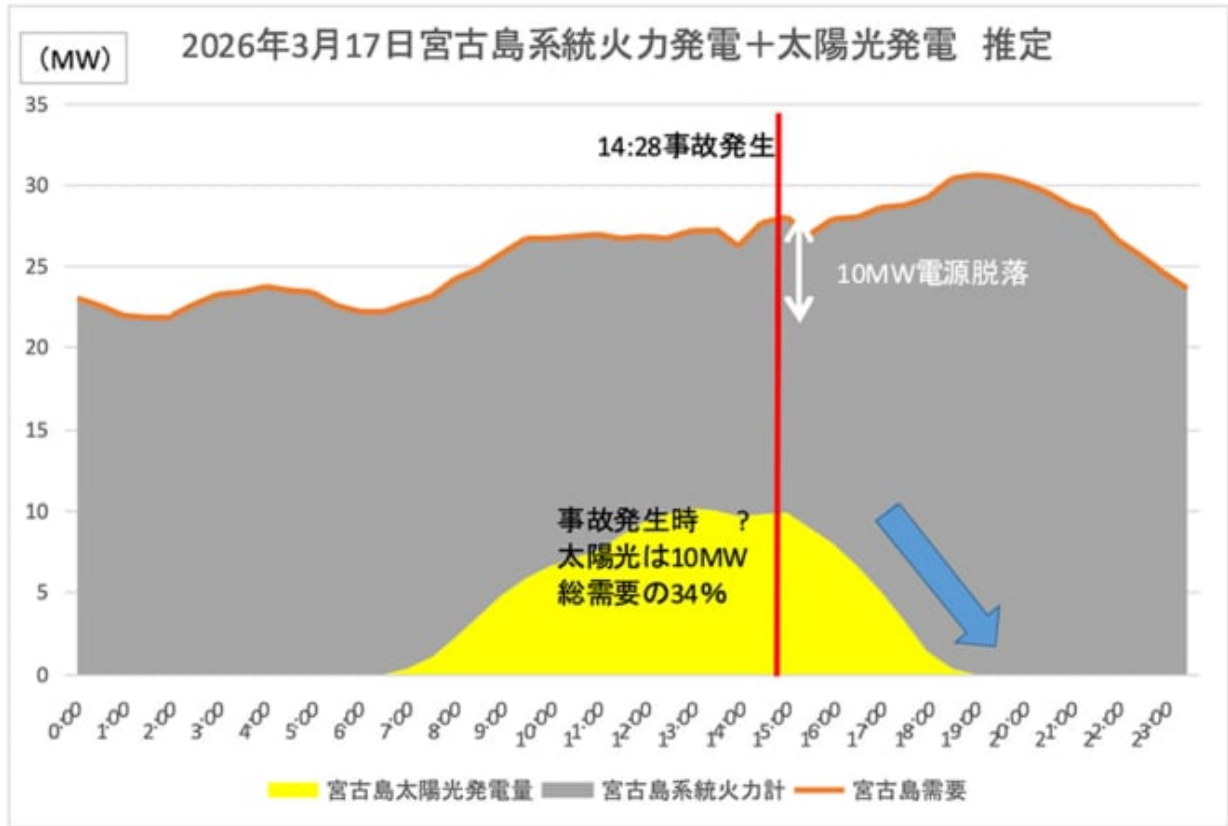
????????????????????

??  
??

??

- 1. ???
- 2. ???
- 3. ???

????????????????????2026?3?17??37  
????????????????????



????????8MW????????????????????????????????

??????14:28??3?????????10MW??20??  
??

????????????57Hz??PCS????????PC  
S??

PCS????????58.5Hz??  
????????????

????????????PCS????????????????????????

????PCS????????58.5Hz?????????  
????????????????????????????

??  
????????????????????????PCS??

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

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

?

????????????????????????????????PV???????

?

??PV????????????????????????????

?

????????2?????4????????????????

?

**??????**

??????PCS??  
??????

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

**????????????????**

??43????????????????????1?  
??????

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

????????????????????????????????16?12????????19?8?????3????????????????????

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

??

??  
???

????????????PV????????????PCS????????????PCS????????????????????????????????????  
????????????????????5??????????????

??PCS????????????  
??????????????????

?????3??????16??

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

??17?26??  
????????????????????????????????

**????????????????**

????????12MW???48MWh??19?2?????

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

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

??





SAIGLOBALNT/iStock

**1. ????????**

????????????????????????????IEA????????????????????????????????

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

?1????????????????LNG?????????????????????JOGMEC????????????????????????LNG????????????  
??????

?2??LNG????????????????????????????  
??2026?4????????????GX-  
ETS??

?3????????????IEA??  
??  
????????????LNG??

**2. ?????????????????**

??  
??

LNG????????

????????????????LNG????????????LNG????????????????LNG????????????LNG????  
???15%????????70%????????

??LNG??  
??LNG??LNG??LNG????????????????  
?

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

???????

????????????????????????????????????LNG??  
??

??1.5????2050????????????????????????????????????2050????  
??LNG??  
????????????????????????

????????????????AZEC??  
???????

???????

??  
??LNG????????????????????????

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

??

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

??

??  
??

??G7????  
??

??  
??

??

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

??

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

????LNG??  
??

????????????????????????????????JOGMEC?JBIC?NEXI??  
????????????????????????????

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

**3. ?????????????**

??  
??

??  
???????

??EU????????????????????????????  
??  
??????

Posted in [????????????, ???](#) | [No Comments »](#)

**??**

?? ?? · Monday, March 30th, 2026



Sefa kart/iStock

??

??

**????????????????**

2026?1????????6??

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

????????????????????????????????30??6????????88????????  
?

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



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

Wikipedia

**????????????????**

????????30????????????????????????????????

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

??  
?????

??

88  
???

????????

??

??

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

??

????????????????????????30????????????????

??

??

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

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

20????????????????????????????????????

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

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

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

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

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

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

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

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

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

????????????JANSI????????????????????

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

30????????????????????????????????

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

??

30??

??

??

??

Posted in ??????????, ??, ????????? | No Comments »

??

?? ?? · Sunday, March 29th, 2026



FarzadFrames/iStock

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

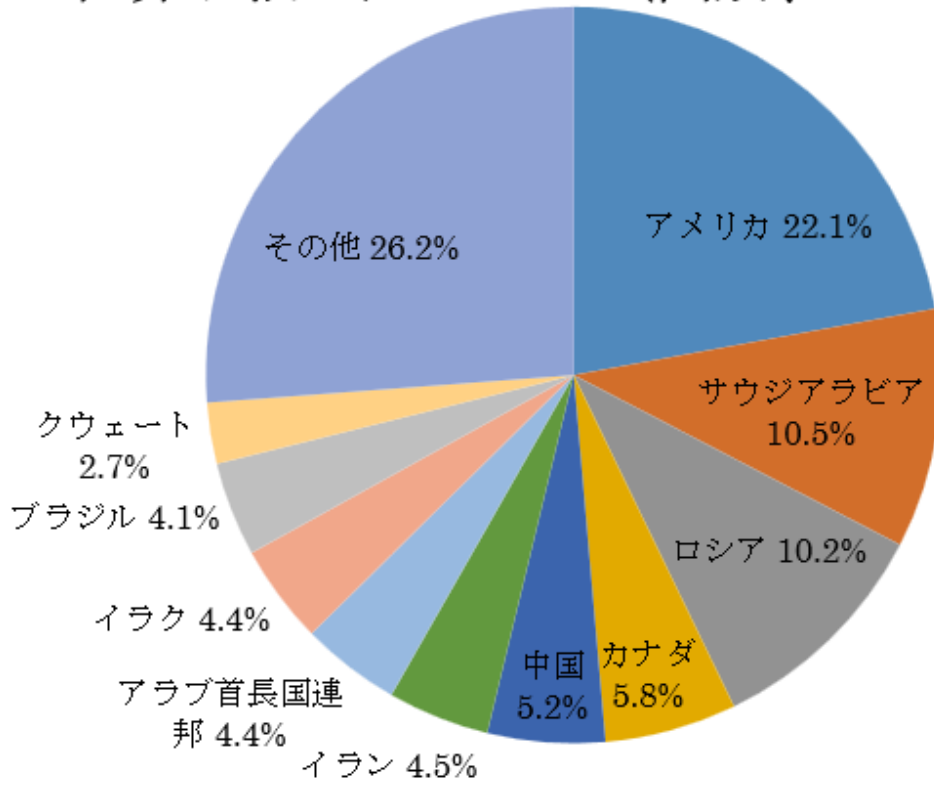
??  
????????????????????

??

??1??  
??

????????????????NGL????????

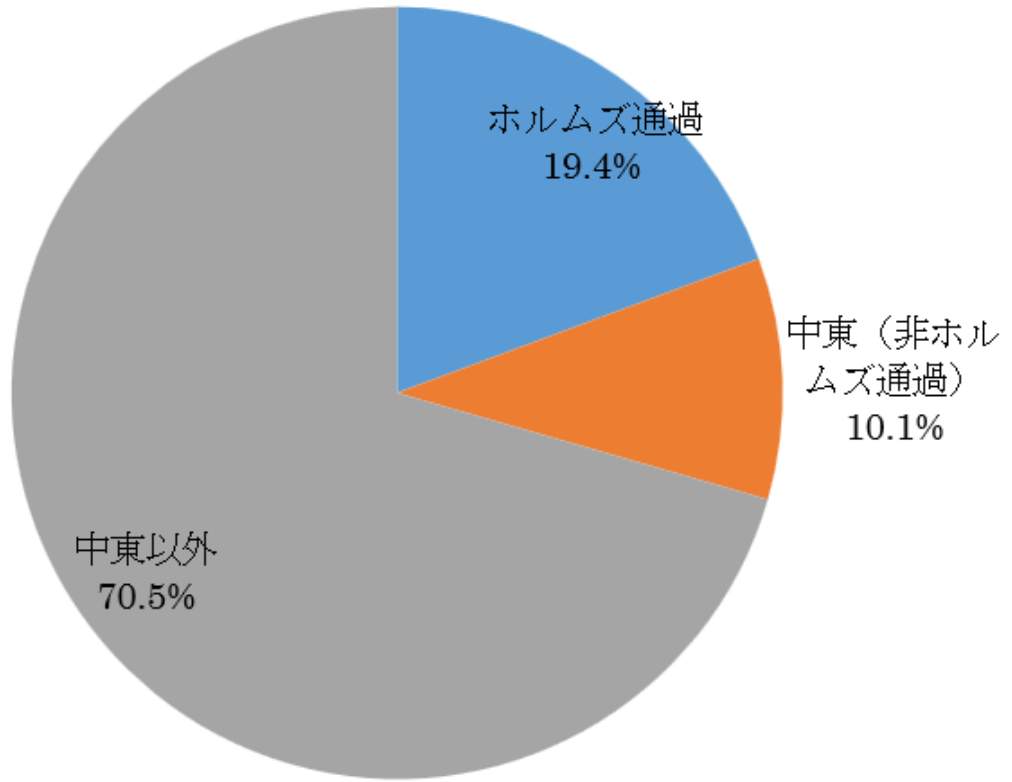
### 世界石油生産シェア（国別、2024年）



??

??

### 世界の石油生産内訳



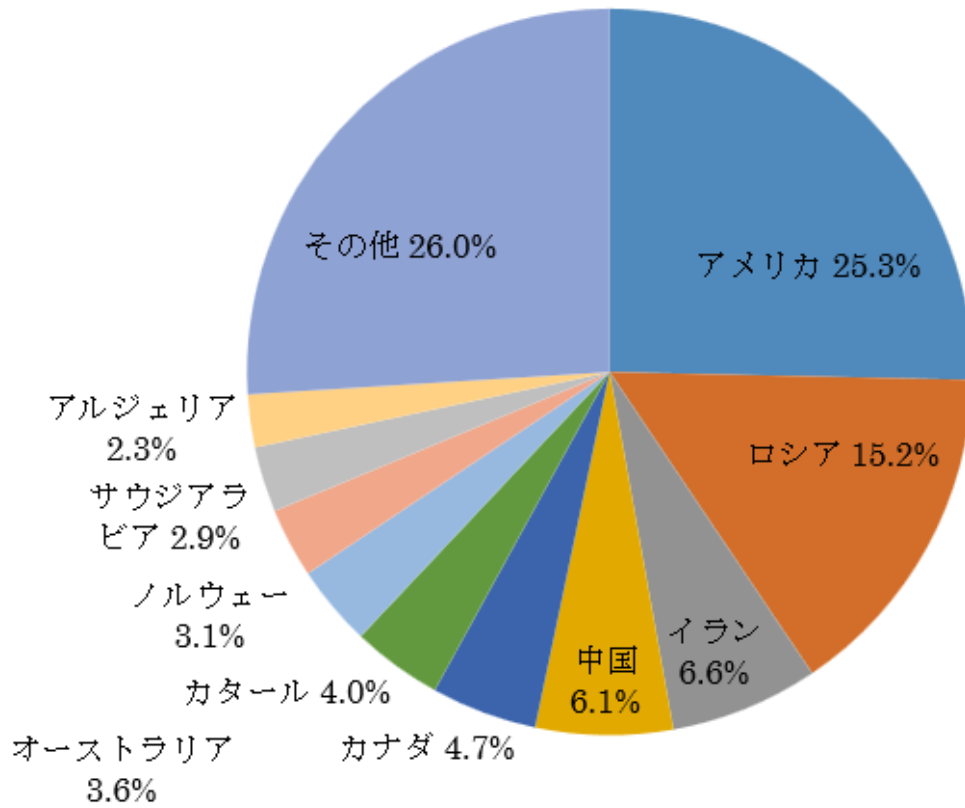
??

????????????20% ?????????????????????????????????10% ?????????????????????????????????  
????????????????????

????????????????????????????????20% ???  
??30% ?????????????????????????????

??3??

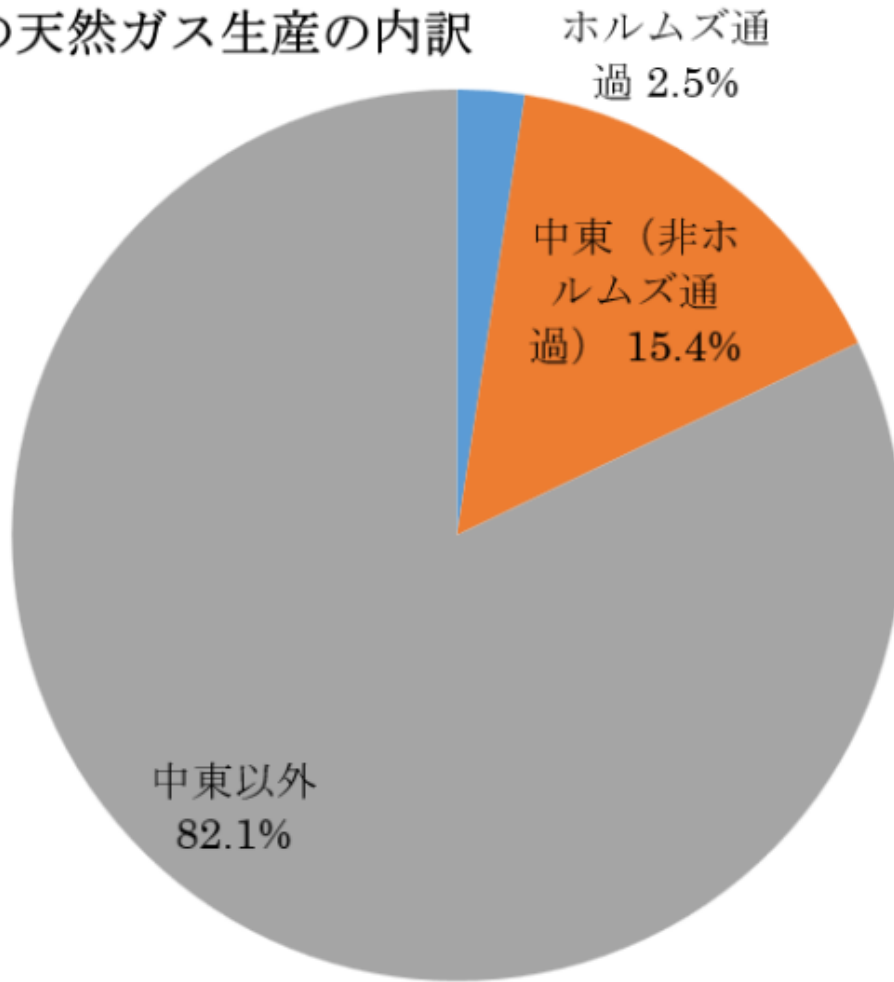
# 世界天然ガス生産シェア（2024年）



??

??(LNG)????????????????????????2.5% ???????4????????????????????  
????????????????????????15.4% ???

# 世界の天然ガス生産の内訳



??

????LNG??LNG????  
100BCM?BCM?10??LNG?????100BCM????????????LNG?????1?????  
??????????????



??

??

??  
??

??  
??????

??LNG????????????????  
????????????????????????????LNG??  
?????????

?????

??????ChatGPT????????????????????

- ?1??4??
- ?5??LNG??
- ?6??

?



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

Posted in ??????????, ??? | No Comments »

?????????????????—????????????????????

?? ?? · Sunday, March 29th, 2026



narvo vexar/iStock

### IPCC????????????????????????????????

????????????????????——?????IPCC??

???2026?3??

### IPCC Primary Global Warming Metric Is “Scientifically Invalid”

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

??

### ?0.7??/m2???????????

????????????Jonathan

Cohler??6?????????Science of Climate Change??Vol.6, No.1, 2026????????????

IPCC??6????????AR6????????1????????????0.7 ± 0.2??/m2??

????????????????????????????????????IPCC?????10????????????????????????????????

### Argo??????????

?????OHC????????????Argo????????????????4,000????????????????????????IPCC????? ????????

????Argo????????????????????????

??10????????????????????????????????????  
???

????????????????200?500??  
??

????????????2,000??  
?

**????????????????**

????????????????????150??  
????????????????????????????????

??——????OHC????????????  
??

????????????????????????±1??/m2????????0.7??/m2????????????????????????????????????

**????????????????**

????????????????????????????NASA?CERES????????????????????????????????±3?5??/m2????  
??IPCC????????OHC????0.7??/m2????????????????????????????

??OHC????????????????????  
????????????????????????????

**????????????——????????**

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

??6??5????????????????????Clintel????????????????????Clintel????????????????????  
????????????Science of Climate Change????????????

????????????——????????????Argo????????????——????????????????????  
????????????Essex?McKittrick?Andresen????????????????????

????????????AI????4?xAI?Anthropic?Google?OpenAI????????????????????  
AI????????????????????

**????????——????????????????**

??2050??  
PCC????????

??0.7  
??/m2????????????????????

??  
????????

??????

Cohler, J. et al. (2026). "IPCC's Earth Energy Imbalance Assessment is Based on Physically Invalid Argo-Float-Based Estimates of Global Ocean Heat Content." Science of Climate Change, 6(1), 43-76. <https://doi.org/10.5281/zenodo.18936064>

????

???Clintel??

Posted in ???, ????? | No Comments »

??

?? ?? · Sunday, March 29th, 2026



John Scott Leigh III/iStock

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

JERA?? : ???



????JERA????????????????6???9??  
????

(??)





????????????????NBL??

10/4(?)????????DAY???????????????? | URAWA RED DIAMONDS OFFICIAL WEBSITE



10?4?(?)????????MATCH PARTNER  
DHL?(17:00??(CO2???)????????????  
??CO2????????????????????????????????????

?????17:00??10????CO2????????????????????  
??????

?????J????NBL?J-????????????????

LIXIL | LIXIL × SDGs NEXT STAGE | ?????? | J????????????????????500t?CO????????????



????????????37,079????????????????500t?CO????????????????J-  
????????????????????

?10/4(?)????LIXIL Presents?GREEN COURT OPENING GAME???? | ????????



??CO??LIXIL????????????????J-  
??

??????J-  
????????????????????????????????????“?????”??  
???

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

ap bank fes '25 at TOKYO DOME???????????????????????? – ???????



????????????????CO2????1,017t-CO2????????????????????894t-  
CO2????????14%????????????

???

????????????????????????????????RE100????????????????????????????????  
????????????????????????????????CO2????????????????????ap bank fes  
'25????????????????

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

RE100????????????????????1,017????CO2????????????????CO2????????????????  
????????????????

??RE100??88,000????????????  
??CO2?1  
????????????????88,000??

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

UEFA????????????2021????????????????????????2040????????????????????????2026?2????????????????2040??????  
????????????NPB?J????NBL?UEFA????????????????

?

Posted in ??????????, ??? | No Comments »

### ????????EU????????

?? ?? · Saturday, March 28th, 2026



khvost/iStock

### ????????????????????ETS????

EU????????????????????????????????????EU-  
ETS????????????????3?19????????EU????????????????????????????????????ETS????????????????  
????????????????????????????????

????????2?????????????????EU??  
??3????????????????  
????????????????????<sup>21</sup>?

?????????????????????EU-  
**ETS????????“????????”??**  
**????????????????????ETS??EU?????EUA??????**  
**5??????????**

?????????????????????EU-  
ETS???ETS????????  
?????????????????????EU????????????????????<sup>22</sup>?

**????????????10????????????????????**

3?EU?????????3?18????????????????????10????????????????????????????????  
????????????????? **ETS?????????2034?????????? 28????????????????????**  
**?????????????????? ???? ?????????????????????<sup>23</sup>?**

?????EU??  
??

??

**????????????ETS???????????**

?????2?12?????????????????????EU????????????????????????????????????  
?????????????????EU??

?2?26?????????EU????????????????????????13????????????????????????  
??

????????????????7?????ETS??  
**??EU????????**  
**??ETS????????**  
**????????????????**

EU-ETS?????????????EU????????????????????

**EU????????????????????**

???3?19?????????????????EU????????????????????????????????????900????????  
????????????????20????????????????<sup>24</sup>??ETS????????????????

ETS????????????10?????????????ETS????????????????????????????????  
?????????????ETS????????????????????

????????????????????3?19????????????????????<sup>25</sup>?



????????EU????????1????EU????????CBAM????????????????????????????????28????????  
??

????4????????GX-ETS????????????EU?CBAM????????????????????????????????EU????EU-  
TES??

?

- ?1?IISole 24 ORE:”Meroni to EU: energy costs top priority. Urso: Suspend ETS pending review” 2026-2-26
- ?2?FinancialTimes:”Italy sets up fight with Brussels over carbon costs” 2026-3-1
- ?3?EURONEWS:”Ten EU countries revolt over carbon rules threatening industry ahead of key summit” 2026-3-18
- ?4??
- ?5?[https://ec.europa.eu/commission/presscorner/detail/en/statement\\_26\\_663](https://ec.europa.eu/commission/presscorner/detail/en/statement_26_663)
- ?6?Rai1.Good Morning:”Meloni “ETS absolute paradox” 2026-3-20

Posted in ??????????, ??, ????? | No Comments »

??

?? ?? · Wednesday, March 25th, 2026

??



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

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

????????????2020??  
???

??  
??

????2025?2??S+3E??  
??  
????????????????????????

??

??  
??

??

??  
??

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

??“??”????????????????????????????

??

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

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

??

??CO2??  
???

??

????????????1????????????????AZEC??  
??HELE????????????????????????

**????????????**

??

Posted in ??????????, ??? | No Comments »

# Apple?????ESG?????

?? ?? · Sunday, March 15th, 2026



ozgurdonmaz/iStock

????Apple????????????????????????????????????2026?1????????????????????

## Apple announces executive transitions



???????

2025?12?4?

### Apple???????????

?????

????????????????????????????????????2026?1???????????

?????

????????????????????????????????2015????????????????????????60????????????????????????????????

?????????????wiki????1987?????????(EPA)?????????????2009??2013??EPA?????????2013?  
?Apple????????????????????????????????

**Lisa P. Jackson**

Apple???10????????????????????????????????ESG????????????????????????????????100%?????????100%??????  
??EPA????????????????????????????

??

**Apple????????????????????**



Apple????????????????????????????1????????????????????2????????????????  
????????10????????????????????????????3????????????????????  
??

????????????????Apple????????????2023????????????Apple  
Watch????????????????2025?8??  
????????????????????????????

**Apple Watch not a ‘CO2-neutral product,’ German court finds**



Apple Watch??CO2????????????????????????  
?????8?26???????? – Apple????Apple  
Watch??CO2??  
????????????????????Apple????????????????CO2????????????????  
????????????????????

????????????????????2023??  
????????????????????

**Apple????????????????????**



??????  
2023 ?9?12?  
  
Apple????????????????????  
  
????????????  
  
Apple????????Apple  
Watch????????Apple????????????????????????????????  
????????????Apple Watch????????75????????

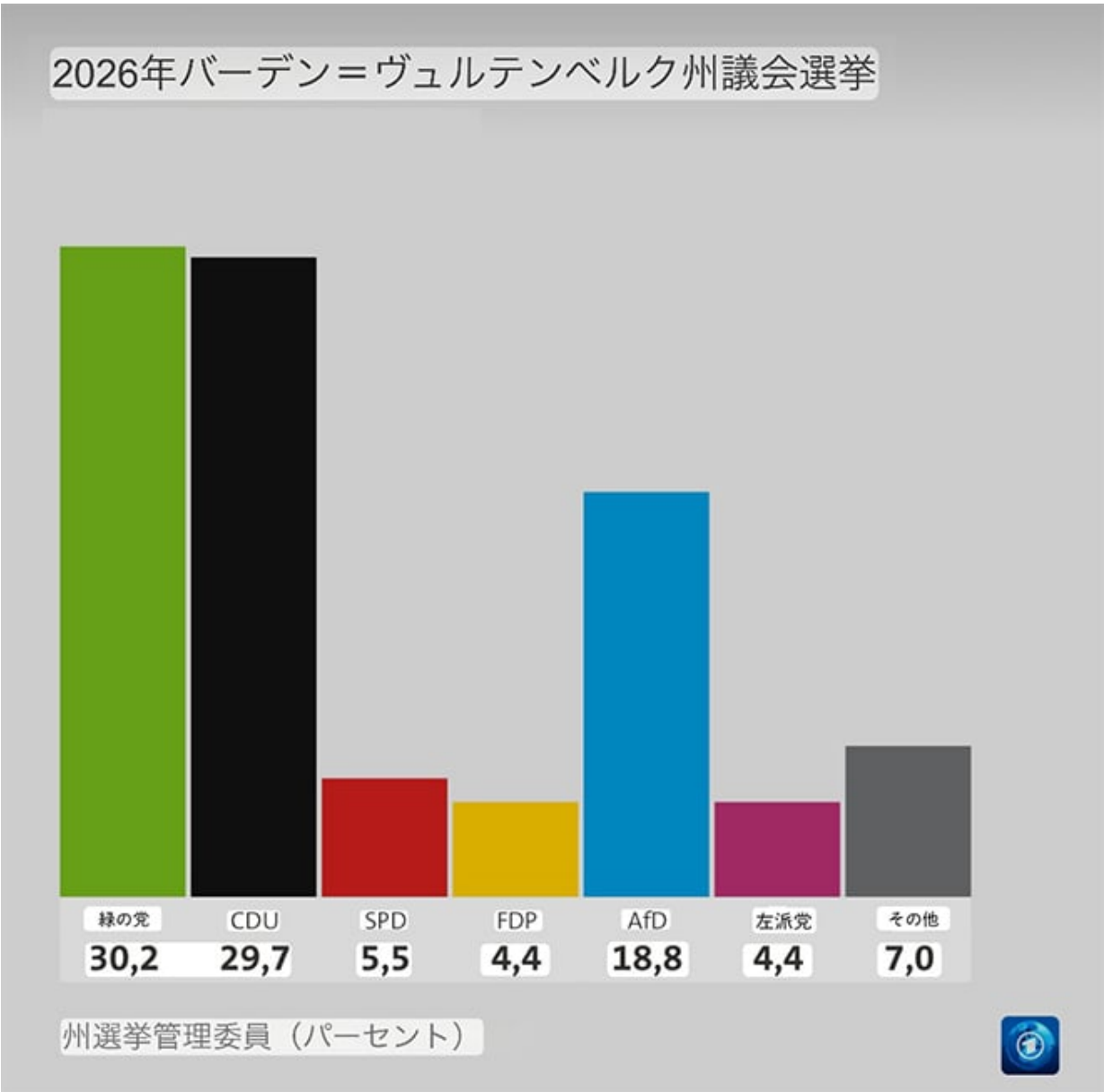






btgbtg/iStock

38????????????????????CDU??  
??



1952年5月9日 CDU

2011年 CDU

2017年 CDU

“”

CDU AfD

AfD 18.8

??AfD????????AfD?“????????”????????“??”????  
????????

????AfD????2????CDU??1????  
????????  
??“????”????

????23????72??11?26????CDU??  
????CDU????“??AfD????”

????5.5????5????

????CDU????2????

3?10???EU????EU????

??AfD????30?40????20????5??1????  
????AfD????

????AfD????

????CDU?CSU????AfD????AfD????

????

????BSW????AfD????

????“?”????“?”????AfD????

????5????4????

Posted in ???, ?? | No Comments »

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

?? ?? · Wednesday, March 11th, 2026



artisteer/iStock

202583

11



ESG

???

ESG

20241111 202583

???

**Attorney General Paxton Secures Historic, Industry-Changing Agreement with Vanguard to Protect the Coal Industry and Empower Investors**



ESG

??  
??  
??  
??

??  
??

??  
??  
??

??(a  
)??(b)  
??(c)  
??2,950

????????????45??ESG????????????????????

????ESG??

??

?

Posted in ???, ????, ????? | No Comments »

### ???2030?CO2???????????????????? ???

GEPR?? · Tuesday, March 10th, 2026



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

?-1????????????2021????????NDC????????2030????CO2????????????GDP??CO2????2005??  
????65%????????????????

表-1 気候変動に係わる中国の主な定量目標  
更新NDC(2021年10月提出)

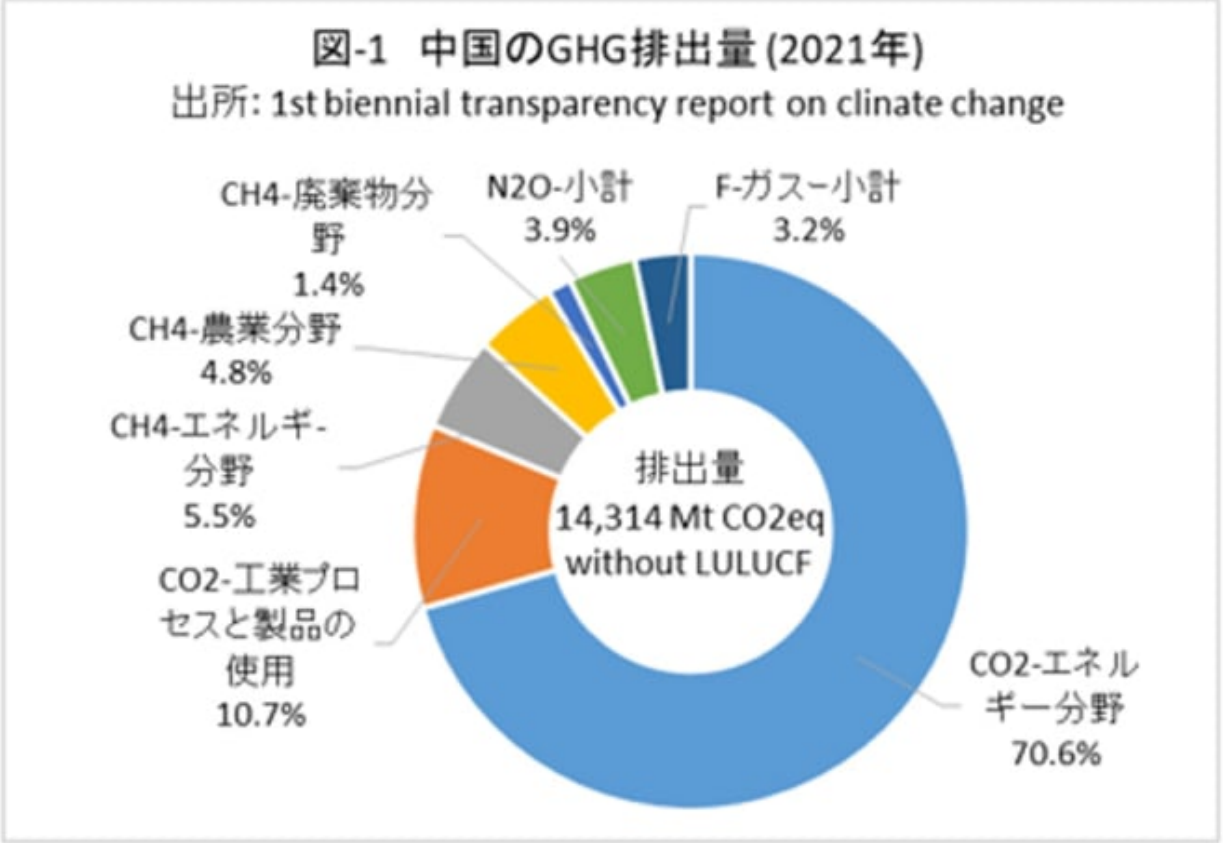
指標	目標
・CO2排出量のピーク	2030年までに達成
・カーボンニュートラル	2060年までに達成
・GDP当りCO2排出量	2030年までに、2005年レベルから65%以上削減
・一次エネルギーに占める非化石燃料割合	2030年までに、約25%に増加
・森林ストック量(forest stock volume)	2030年までに、2005年レベルに比べ60億m <sup>3</sup> 増加
・風力と太陽光発電の総設置容量	2030年までに、12億kW以上

### GHG?CO2?????

????????GHG??CO2????????????-1?-2?2021?? "First Biennial  
Transparency Report on Climate Change?December 2024?" ?????????????

?-1?GHG?CO2?CH4?N2O?F-  
????????????????CO2????CO2eq????????????????????????????LULUCF????????????CO2????G  
HG????81%????????

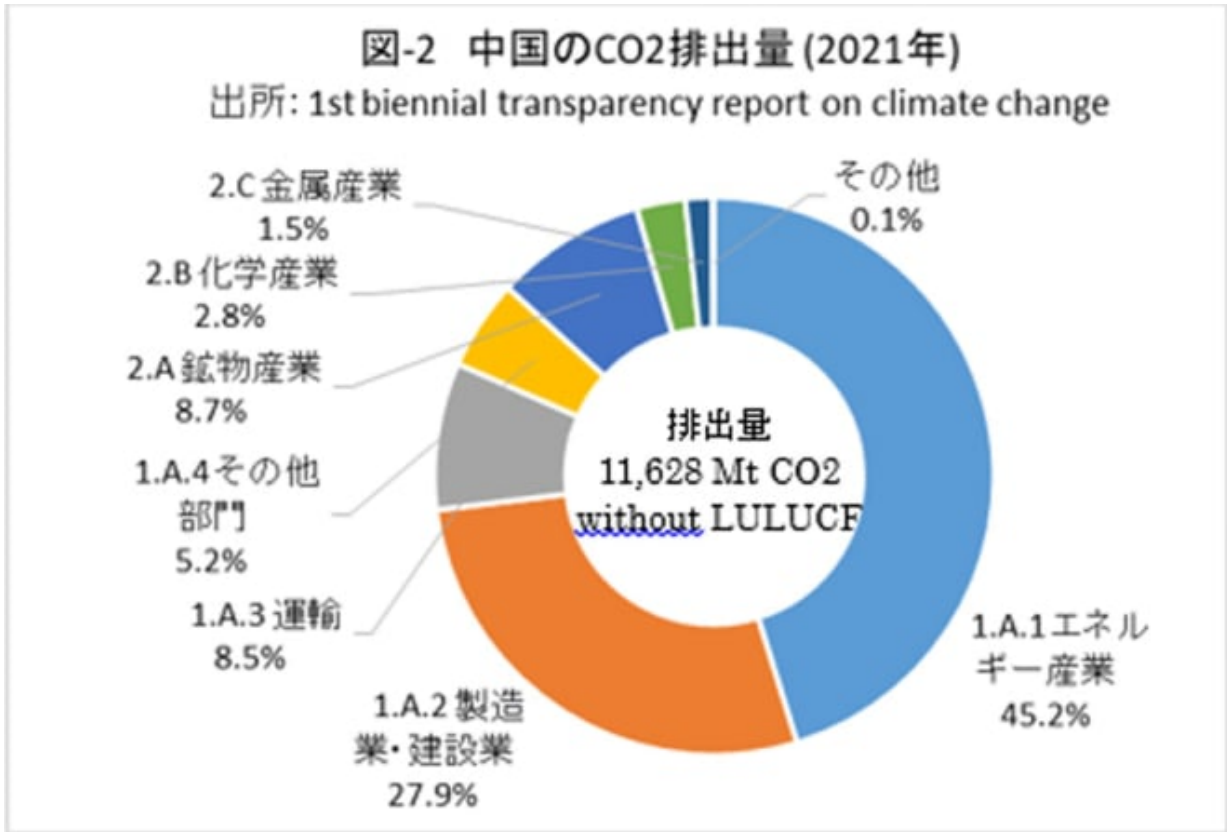
LULUCF????????????1,315 MtCO2eq????????????CO2????????



?-2??CO2????????????????????????????????????1.A.1????????????UNFCCC??GHG????????

?????1.A.1?1.A.4?1.A ????2.A?2.C?2.?????????????????IPPU?????????

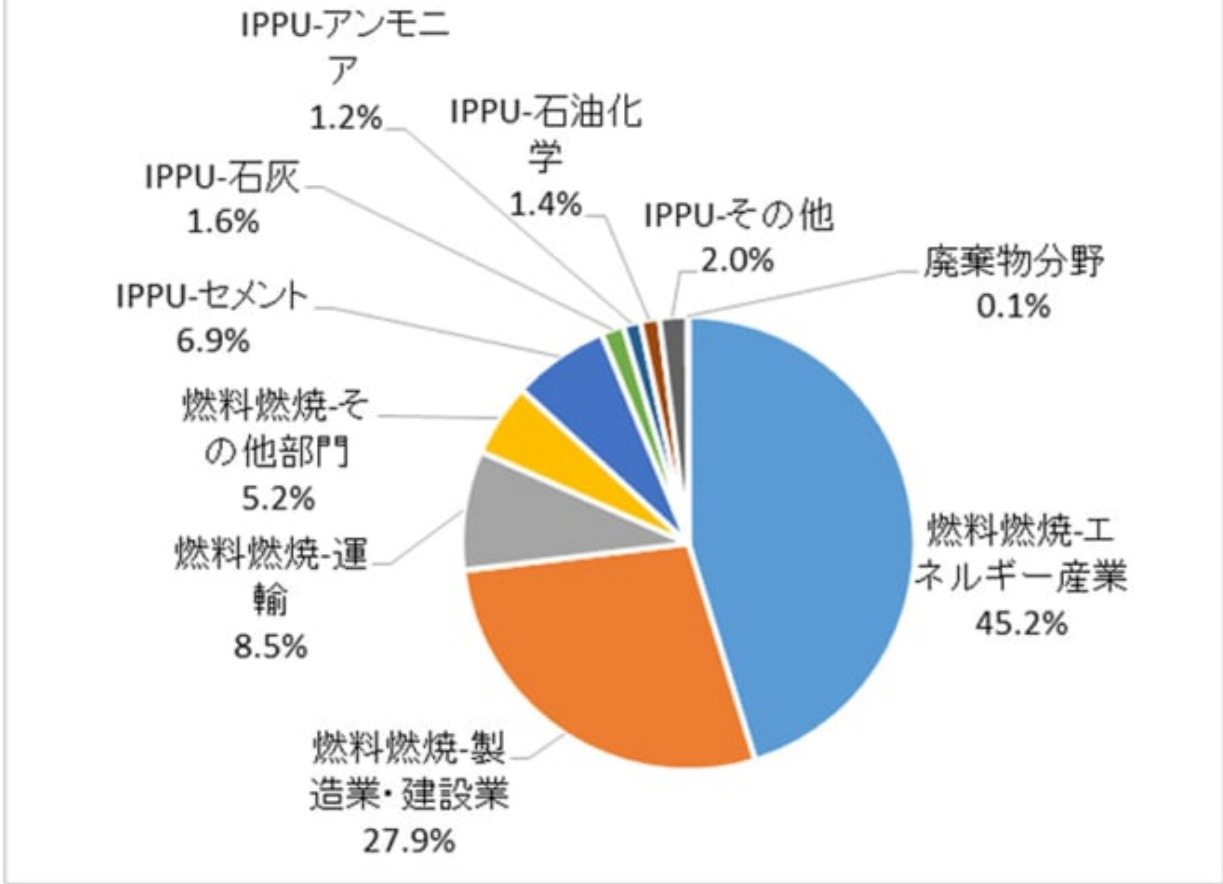
????CO2??CO2??????87%?????????



?-3???-2????IPPU??CO2?????6.9%??????  
1.6%?????1.4%?????????1.2%????????????????????

### 図-3 中国のCO2排出量(2021年)

出所: 1st biennial transparency report on climate change

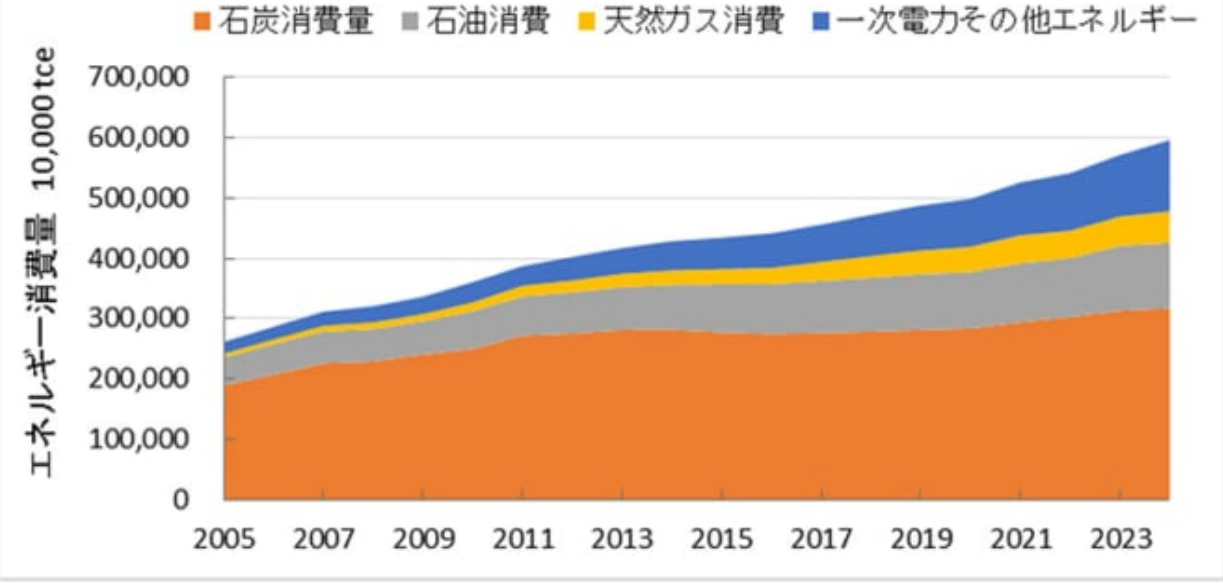


????????????????CO2????CO2??CO2????????????????  
 ?????????????????????CO2??IPPU??CO2????????????

?-4????????????GHG?CO2????????LULUCF????????????????????2005????GHG????????????  
 ?2005????2021????????????LULUCF????????GHG??1.7??CO2??1.8???



図-5 中国のエネルギー消費量の推移  
出所: 中国国家统计局 annual data



IAEA TES

tce 1 tce = 7 Gcal

2022 Gross 42.8%

2%

2024 53% 66%

CO2

CO2 CO2 CCS

2030

CCS 2030

CO2

40%

????????????87% ?????????CO2?12% ?????????????IPPU?CO2?0.1% ?????????CO2??LU  
LUCF??CO2????????????

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

????????CO2????????????LULUCF??CO2????????????????????????????

**????CO2???**

?????2005??CO2??

2015??2024????????CO2??  
????????????CO2????????????

????????????????????????????IEA????????????????????????

????????????????????????????????????CO2????????????????????????????  
????????????????????????1?5%??????

CO2????????????????????????GHG????????2006  
IPCC??1????

2025?2026??GDP???IMF?2025?7????????2026?4.2%??2030?3.4%????????2030??  
????????????CO2????????????

2025??

*China Energy Transformation Program (CET), Summary of China's energy and power sector  
statistics in 2024*

2026????????????CO2????????????????????????????????????CO2????????  
????????????

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

????????????????????????CWEA????????CPIA????????  
????????2030??CO2????????

????????????????2024????????8.8%????2016????????????2016-203  
0????????2030??15%????

??IEA??Oil  
2025??2028????????

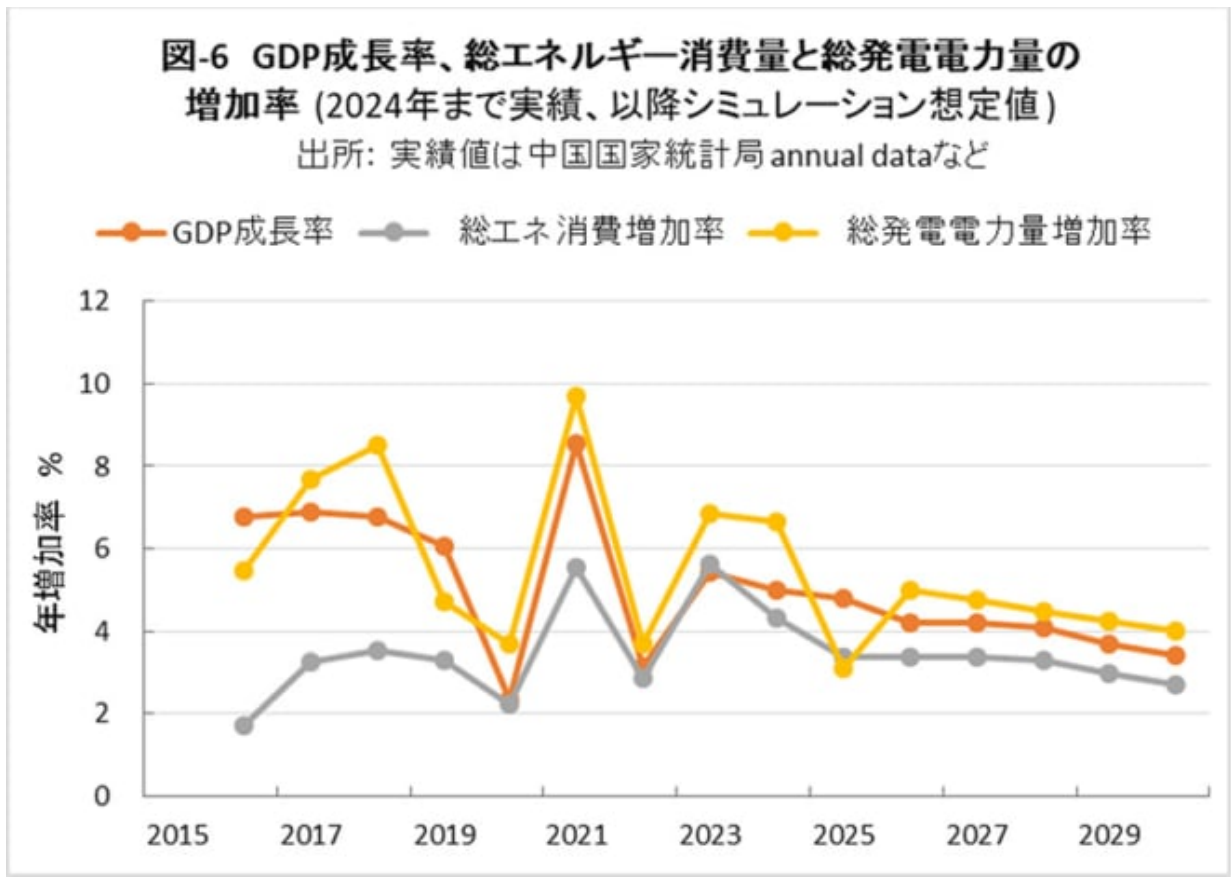
????????????????4%?2%????

??  
????????

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

CO2 2024 CO2

CO2 GDP 2024



GDP

GDP  $\times 0.8$  2025 2030 3.2%

GDP  $\times 0.7 \times 0.9$

**IPPU CO2**

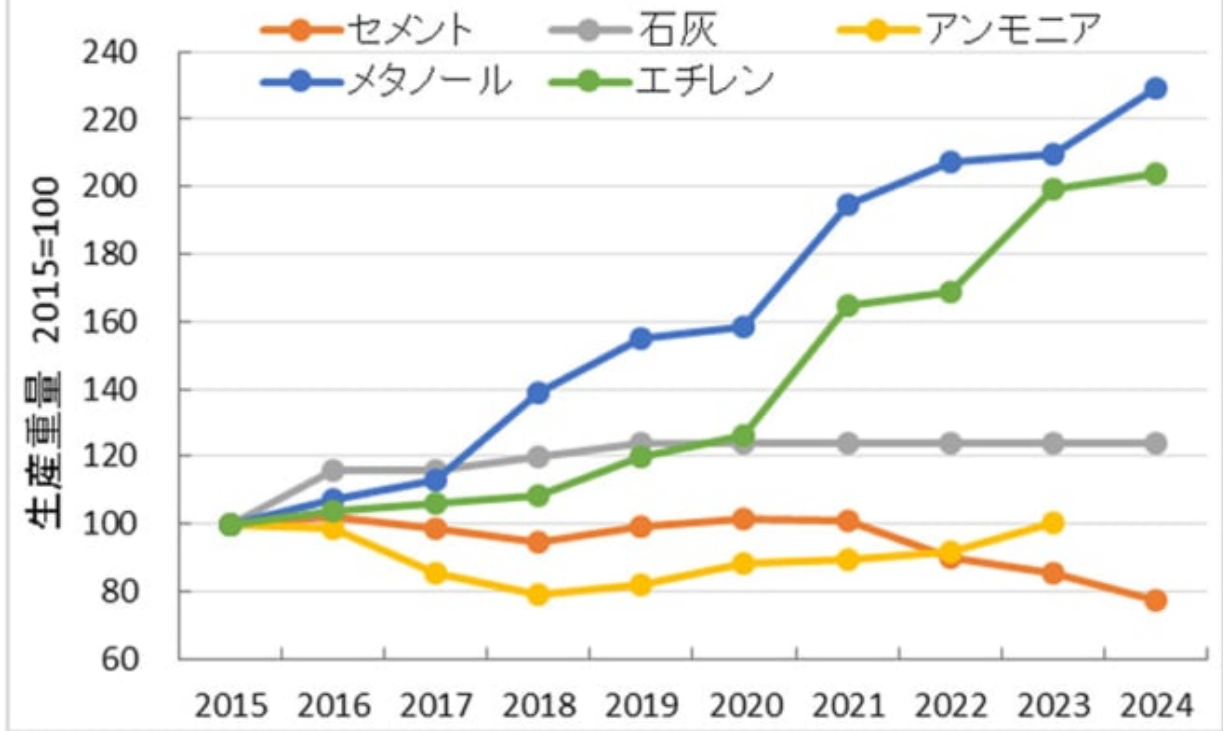
IPPU CO2 -3 5

IPPU CO2 13% 2020 2021 CO2

7 2015 100 2025

図-7 IPPU分野CO2関連の生産量推移

出所: 中国国家统计局annual dataほか



?-7?2021??

????2020??2024????????????????77%????????????????????????????????

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

????

??2??2025??CO2/GDP????????5%?GDP????5%??????CO  
2????????????????????????????????

????2030?CO2????????????????????????

?

?? ??

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

Posted in ???, ????? | No Comments »

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

?? ?? · Sunday, March 8th, 2026



COMiCZ/iStock

??

??

??

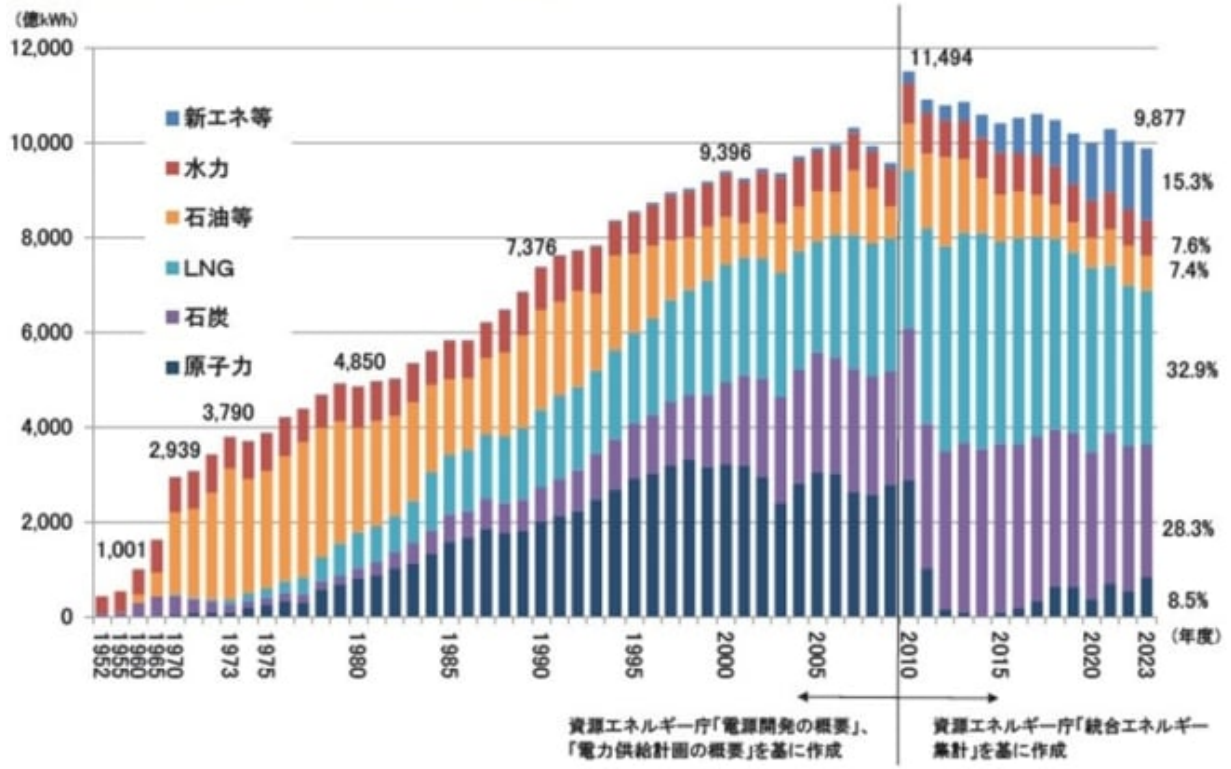
??  
??????????

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

????????????????????????????1??1973??????75.5%??  
2024??????????34.8%??????LNG?20.8%?????24.4%?????????



### 【第14-1-6】発電電力量の推移



(注1) 2009年度以前のデータは旧一般電気事業者10社による発電が対象。ただし、1971年度以前のデータには沖縄電力が含まれていない。

(注2) 2010年度以降のデータは自家発電を含む全ての発電が対象。

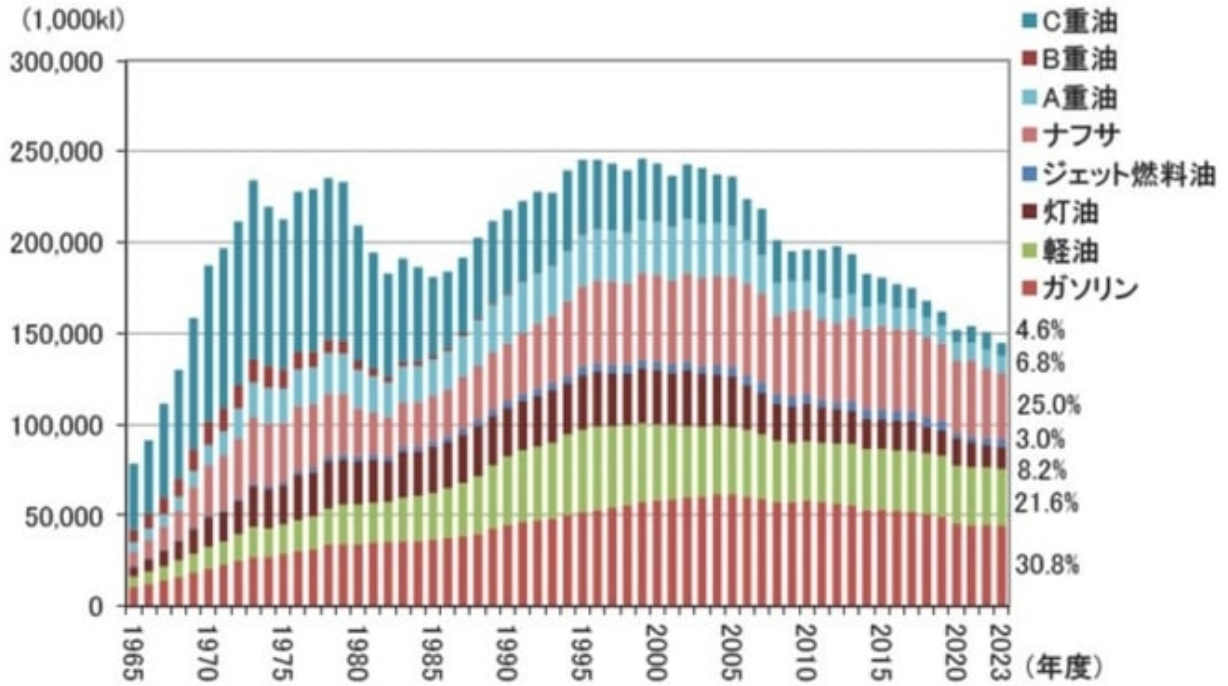
2025年6月

95.1% 11.0%

7.4% 32.9% 11% 3.6% 7.4% + 3.6% = 11.0%

4%

### 【第14-4-1】燃料油販売量の推移(油種別)

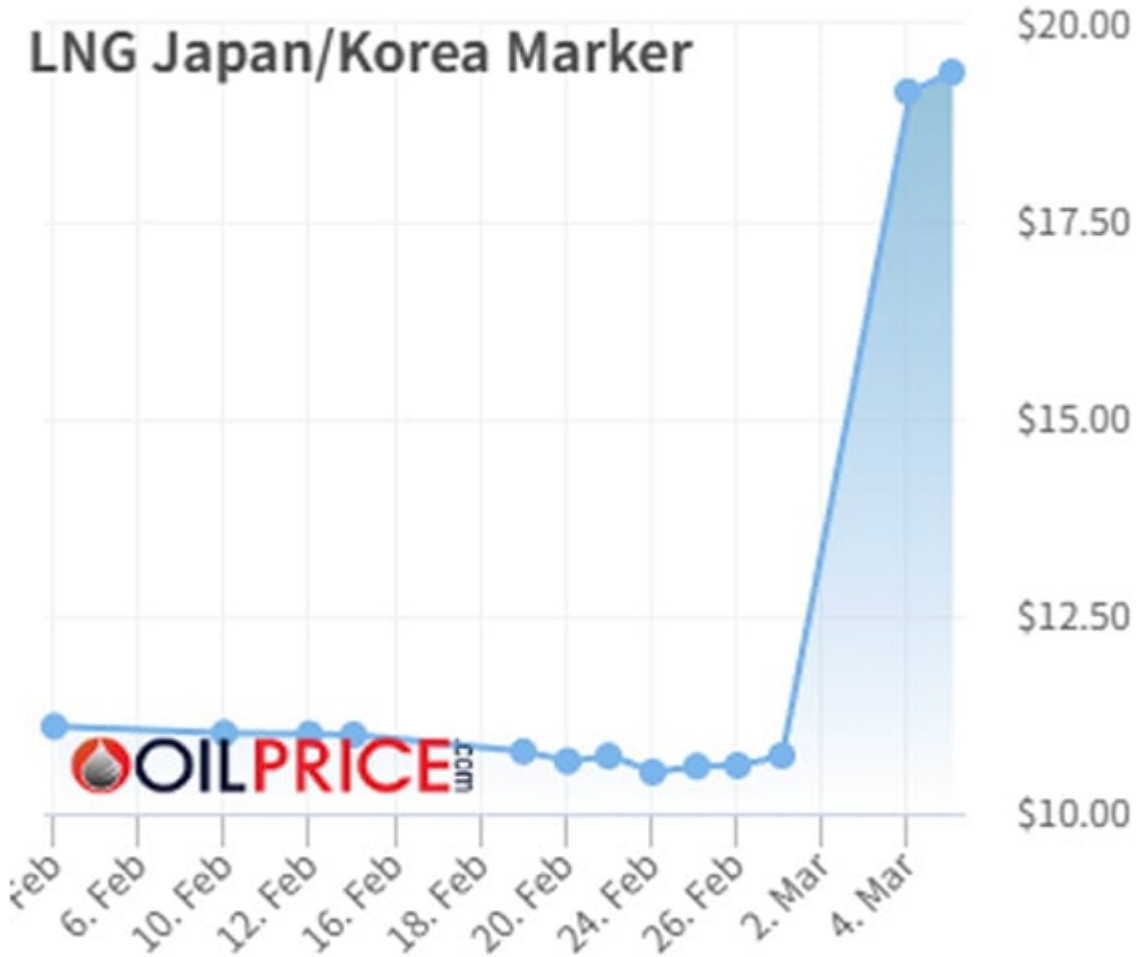


(注) 2002年1月よりB重油はC重油に含まれている。

2025年6月

燃料油販売量の推移(油種別)に関する詳細な分析や注釈を記載する。

燃料油販売量の推移(油種別)に関する詳細な分析や注釈を記載する。LNG(JKM)に関するデータも参照してください。



?5 OILPRICE.com??

??LNG????????????????  
????????????????????

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

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

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

??????4??400??  
????????????

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

??  
???????

??????????????????1911??  
????????????????????????????





Yanleth Rivera/iStock

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

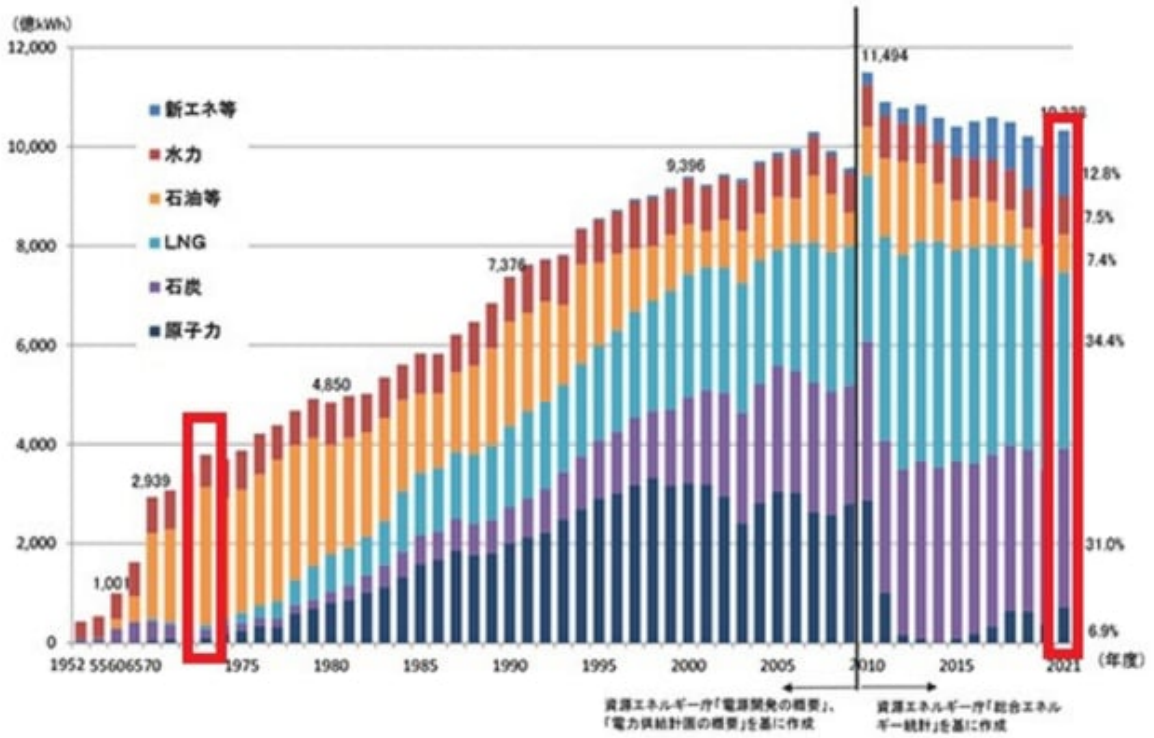
??LNG????????????????????????????????????  
???

????????????????????????????????????1970??50??  
????????????????????

??

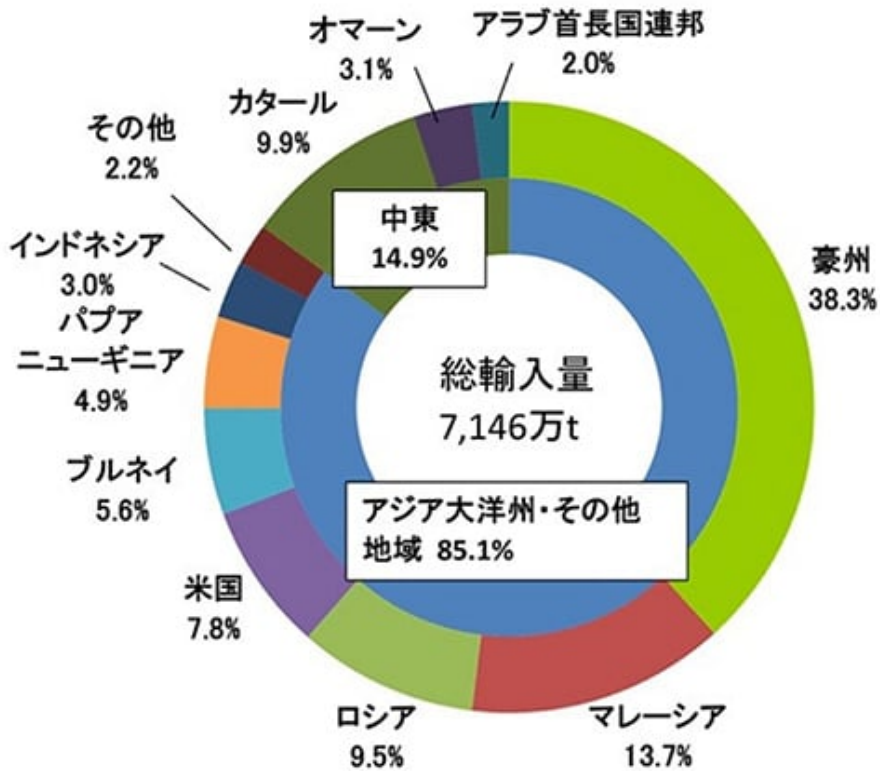
????????????????????

?1????????????????????????????????????1975????????????????70????????????????2021????????????7??LN  
G??34????????



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

???LNG????????????????????????????????LNG??38??  
 ?????????????????????????????????????85????????????????LNG????15????????



?????LNG?????

??????????

????????????LNG????????????????????

0.34LNG????? × 0.15??????? ? 0.051??5??

??5????????

????????????????????????????????2010????LNG????????20????????????????????

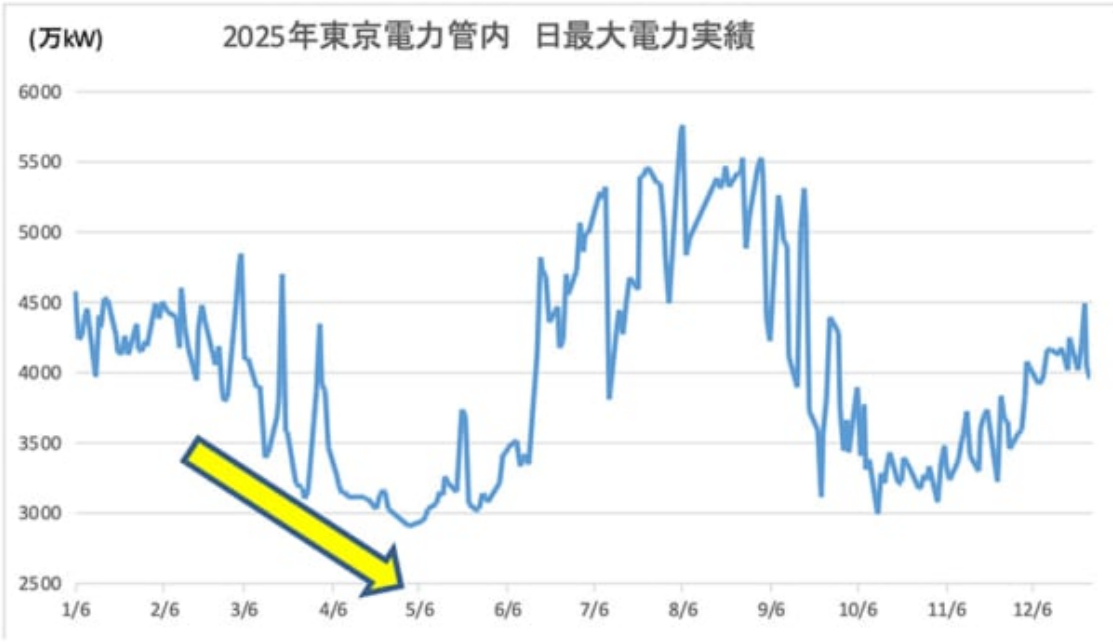
??

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

????????????LNG??  
??????

????????????????????LNG??  
????????????????

?????3?2025??



?3?2025?1??12????????????

3??6????????9????  
????

????3?6?3??  
????????????

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

????????????LNG????????????????????????????????????

????????????LNG????????????????????????????????????  
??????

**????????????????????????????????**

??1????????????2010????????????????????????????????  
????????????????????????????????

??

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

??  
?????LNG????????????????????????????????????

??

**?2026?3?7????**

2/27??3/3??JEPX????????????????????????2026?7????13.0??14.5??+1.5????+12????  
????????????????????????LNG????????????????????????????????????  
??

??1000TWh????????4.6TWh?0.  
5??  
????????????????????

??  
??

Posted in ??????????, ?? | [No Comments »](#)

**????????????????????????????????**

?? ?? · Monday, March 2nd, 2026



HP

2020 GX

221

GX





????????????????????????????????????GX????????????????????????????????????  
????GX??

??????GX????????????10??150??4????????  
??

????????????????AI??GX????????  
????????????????????????????????

??24??1????????????????????????

????????????????????????????????????GX????????????????????????????????AI????????

??  
??



????????????????????AZEC??

??  
?



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

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

??



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

??

??

?

??

??3????5????????????????  
?????

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

?



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

Posted in ??????????, ??? | No Comments »

????????????????????IEA??????

?? ? · Monday, March 2nd, 2026



Andrew Linscott/iStock

??2?18-19????????IEA??IEA??????????<sup>12</sup>????IEA?????

????????????<sup>22</sup>????2??<sup>23</sup>????????

????????????????????????????????????2025?6?G7????????????????????

??

????????????????????????Ministers??

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

**????????????**

- ?????????????????????????IEA????????????????????????????????????IEA????????  
??
- ?????IEA??2025?4?24-25????????????????????  
??  
????
- ???  
**???**??  
??IEA????????????
- ???
- ???  
????????????????????IEA????????????????
- ???
- ???
- ???  
??
- ???COP28????????????????  
??  
??IE  
A????????????????????IEA??  
????????????

??

??

????IEA??  
??  
????????????????

IEA World Energy Outlook 2025 STEPS Scenario 2050 Net Zero Emissions Policy Current Policy

IEA 2025 World Energy Outlook 2025 STEPS Scenario 2050 Net Zero Emissions Policy Current Policy

IEA 2025 World Energy Outlook 2025 STEPS Scenario 2050 Net Zero Emissions Policy Current Policy

IEA 2025 World Energy Outlook 2025 STEPS Scenario 2050 Net Zero Emissions Policy Current Policy

IEA 2025 World Energy Outlook 2025 STEPS Scenario 2050 Net Zero Emissions Policy Current Policy

IEA 2025 World Energy Outlook 2025 STEPS Scenario 2050 Net Zero Emissions Policy Current Policy

?

- 1?2026 IEA Ministerial Declaration Supporting the IEA’s Work on Critical Minerals Security – News – IEA
- 2?Joint Statement in Support of the IEA-Ukraine Collaboration Programme – News – IEA
- 3?2026 IEA Ministerial Chair’s Summary

Posted in ???, ??, ????? | No Comments »

## ????????????????????

?? ?? · Saturday, February 28th, 2026

??

????????????????????4????????????6????????????????????

- ?????????????????????????????
- ?????????????????????????????

??2?26????????????????

??

??



?????

??

??  
?

????????????????????8??  
??

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

??9??  
??  
?

??

????????????????????????????13??  
??

??

??  
??3????

??  
??

??300V????????????????  
?????

??  
???????

??  
?????????

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

## 太陽光発電システムの 水害時の **感電の危険性**について



水害などで**水没・浸水**した太陽光発電  
システムに**接近**や**接触**することにより  
**感電**する**おそれ**があります！

- 台風や大雨、局所豪雨の影響により、太陽光発電システムが**水没・浸水**し**破損**している場合があります。太陽光発電システムはこのような場合でも**光が当たれば300V以上の電気を発電**をします。
- 水没・浸水をした太陽光発電システムに**接近・接触**すると**感電**するおそれがあります。
- 風水害の被害にあった太陽光発電システムに**むやみに近づかず**に太陽光発電システムの**事業者や管理者へ連絡**してください。

??????????

??  
??

??

??  
??

????????????????????????4.2????CO2????????????????????????0.00000021????????????  
????????????????1000mm????????0.00000126mm????????????????????????????

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

**??CO2??**  
**????????????????**

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



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

?



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

Posted in ??????????, ??? | No Comments »

??

?? ?? · Thursday, February 26th, 2026



ipopba/iStock

????????????????????????????????Ronald Stein????????????????????????????





2009 Endangerment

Finding

EPA Climate Change Religion

CO SCC

EV

SCC SCC

GX

HV EV

GX GX

??EPA??

Posted in ??????????, ??, ?? | No Comments »

??

?? ?? · Monday, February 16th, 2026

??

- ????????
- 2050???????????????????
- ???NDC????????????????????2035?60%??2040?73%?????
- GX??150?????
- SSBJ???????????????
- GX-ETS???????????????
- ????????????????????????
- ?8??

??AI??  
??



?????????????  
??HP??

SDGs

234

SSBJ GX-

ETS SSBJ

3



2009

2026 EC CSRD CSDDD SSB J

?

Posted in No Comments »

????????

?? ?? · Sunday, February 15th, 2026



Cimmerian/iStock

Climate Realism  
MBA

30

### Climate Change and Energy: World Leaders in Turmoil – Master Resource

30

UN WEF IEA

1990 10 50

- 2024 34% 6,500 1,000
- IEA 2021

??

**????????????AI????????**

????2020????????????AI????????????????????????????????????

????????????AI????????????????????????????????????AI????????????????????????????  
????????

????????????????????????????????????AI????????????24??365????????????????????????????  
????????????

**????????????????**

??

????????2????????????????????????????????UNFCCC????????????????????????????  
????????????????????????

??

**????????????**

??1??????13????????????  
??????3????????????????

??  
????????

**????????????????**

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

1. **????????????**??
2. **????????????**????????????????????Affordable????????Reliable????????Secure????????  
????????????
3. **??Adaptation????**??  
????????????

**??**

??  
????????????????????2026????????????????????????????????

**????????????Steve Goreham???**

????????????CSCA??  
??Green Tyranny????????The Mad, Mad, Mad World of  
Climatism????????????????????

????CO2????????????????????????2026????????????????????AI????????

??

Posted in ??????????, ??, ????? | No Comments »

# ??

?? ?? ? - Saturday, February 14th, 2026



nisara Tangtrakul/iStock

28??2????????????????8????????????????????????????????????  
????????????????

??  
??????23????????????????

??  
32????????????????

??26????????3????????????????????????????????  
??  
????????????????????????????

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

??

????????????????????8????2?????????1????8?????1????????????????????????????????2????????????????????  
??  
????????????????????? ????????

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

????????8?????1???Ultrakonservativ????2????????????????????  
??

??  
??20????????????????????????????  
????????????????????????????????????

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

?????2022?10??  
???EU?????1????????????????????  
??

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

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

Posted in ???, ?? | No Comments »

??

?? ? - Friday, February 13th, 2026





2025年5月15日、電力供給の確保が重要な課題となっており、送電線の増設や変電所の増設が求められています。

電力需要の増加に伴い、送電線の容量不足が深刻化しており、電力供給の安定性を確保する必要があります。

送電線の増設は、電力供給の安定性を確保するための重要な手段であり、今後の電力需要の増加に対応する必要があります。

送電線の増設は、電力供給の安定性を確保するための重要な手段であり、今後の電力需要の増加に対応する必要があります。

送電線の増設は、電力供給の安定性を確保するための重要な手段であり、今後の電力需要の増加に対応する必要があります。

送電線の増設は、電力供給の安定性を確保するための重要な手段であり、今後の電力需要の増加に対応する必要があります。

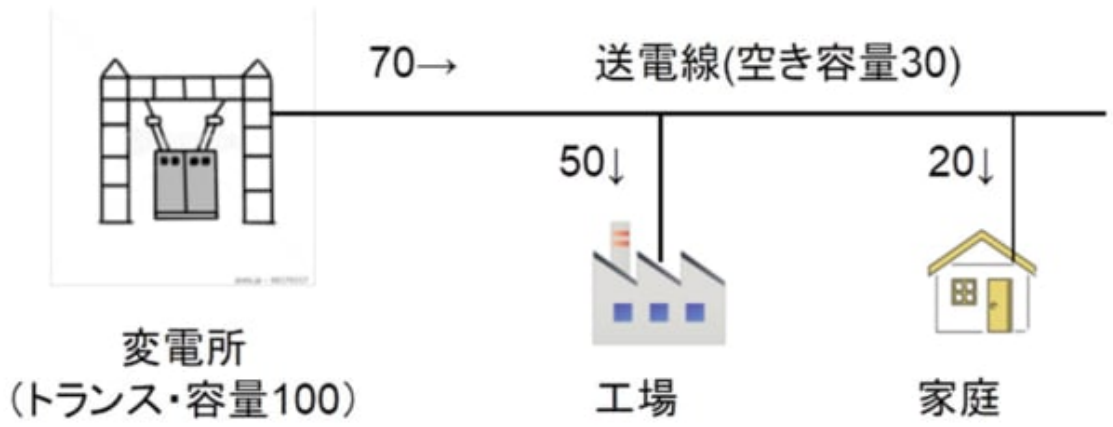
### 送電線の容量不足と電力供給の安定性

送電線の容量不足は、電力供給の安定性を確保するための重要な課題であり、今後の電力需要の増加に対応する必要があります。

送電線の容量不足は、電力供給の安定性を確保するための重要な課題であり、今後の電力需要の増加に対応する必要があります。

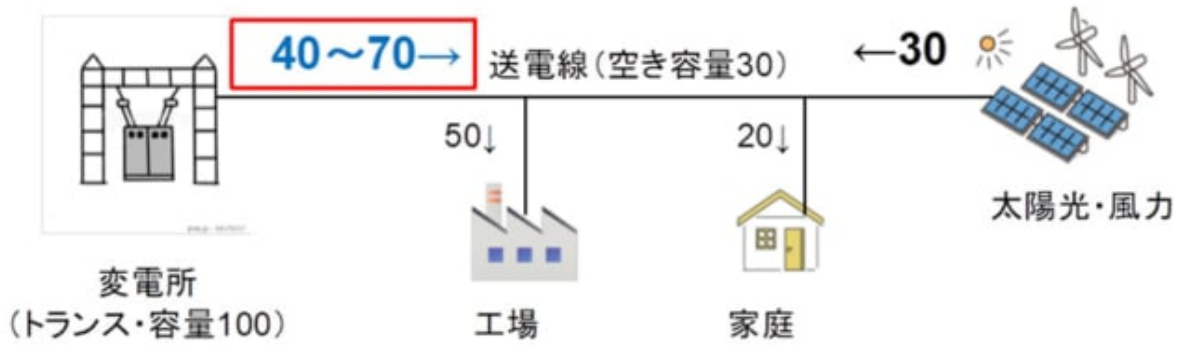
送電線の容量不足は、電力供給の安定性を確保するための重要な課題であり、今後の電力需要の増加に対応する必要があります。

送電線の容量不足は、電力供給の安定性を確保するための重要な課題であり、今後の電力需要の増加に対応する必要があります。



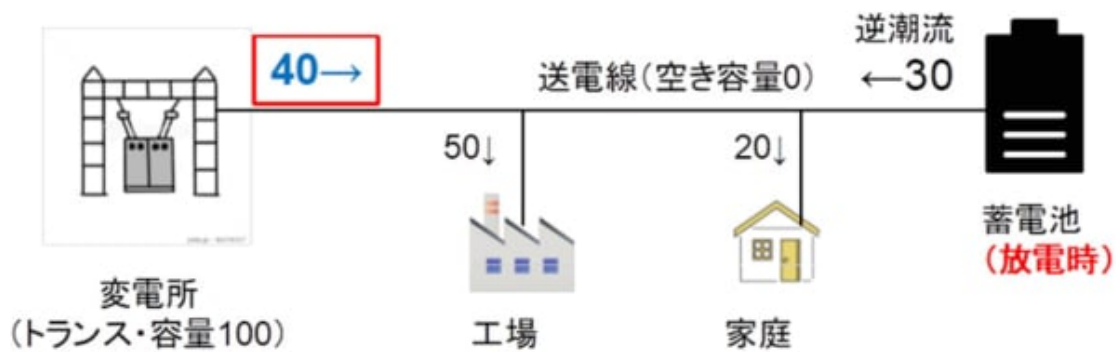
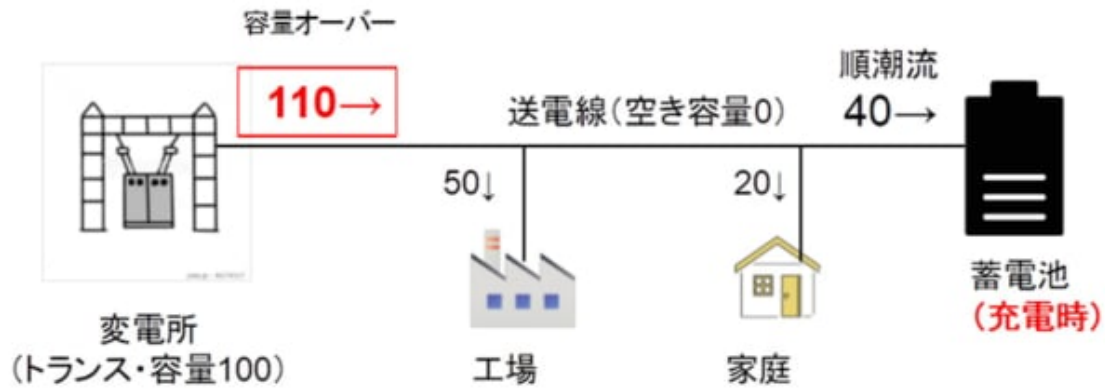
送電線の容量不足は、電力供給の安定性を確保するための重要な課題であり、今後の電力需要の増加に対応する必要があります。

送電線の容量不足は、電力供給の安定性を確保するための重要な課題であり、今後の電力需要の増加に対応する必要があります。



4??3????????????????????

????????????????????????????????4????30??  
 ???40?70??  
 ????????????????????



5??3????????????????????

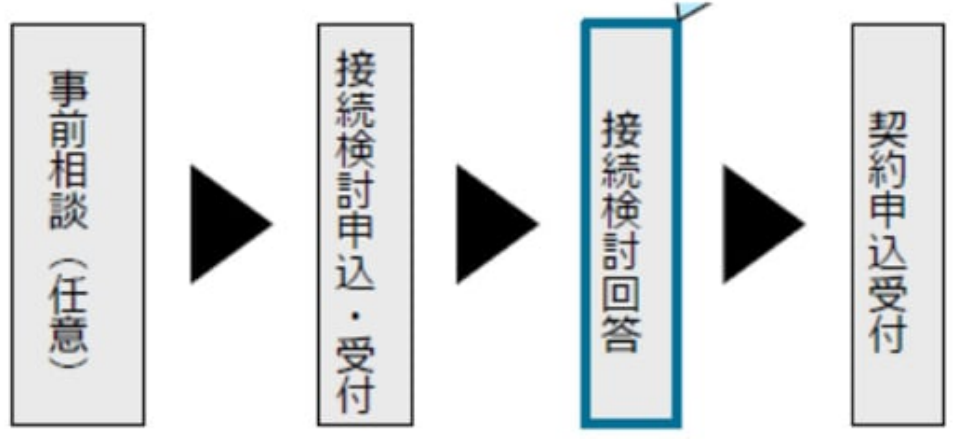
????5??5????????????  
 ????????????????????????????????

????????????????40????????????????????110????????????????????0????????????????????  
 ???

????????????????4?5????????????????10??

??

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



6????????????????

6??

??  
??

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

??  
??

??  
??

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

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

??  
??

??  
??

1????????????2024????1??

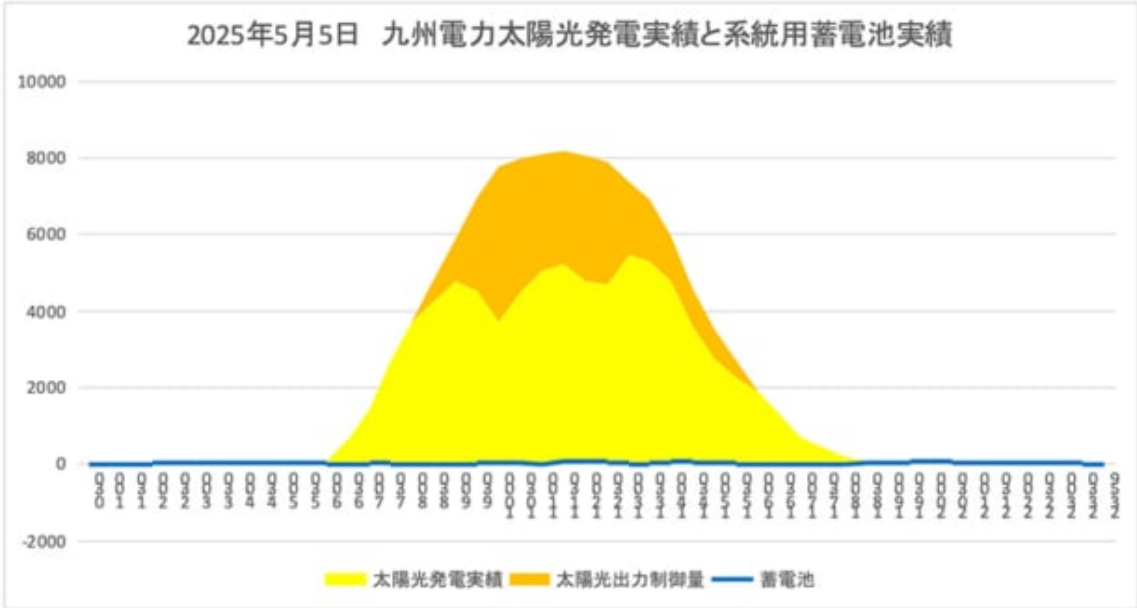
??  
??

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

??

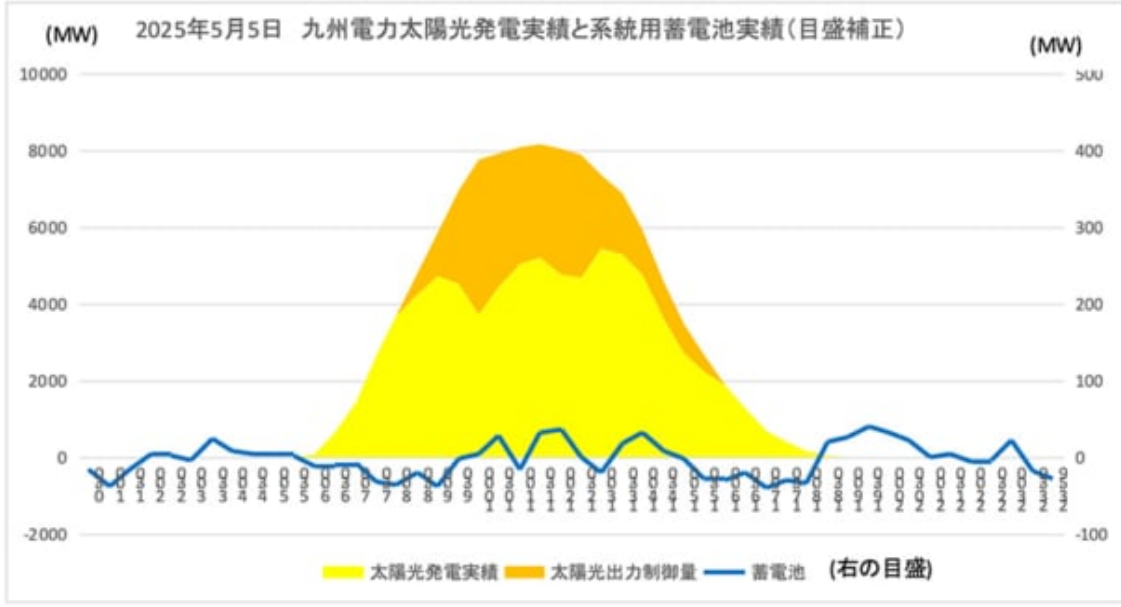
????????????????????

??



??2025?5?5????????????????????

????1??????2025?5?5??  
?????????????????????8?????????????????????200????????????????



?8?2025?5?5????????????????????  
?????????????200????????

??8??14????????????????  
????????????????????????

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

????????6????????????????????????????????  
??  
????????????????????????????????

??

??7????????????????  
????????????????????

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

Posted in ??????????, ??? | [No Comments »](#)

## ????UNFCCC????????????

?? ?? · Thursday, February 12th, 2026



The White House??

UNFCCC?EU?CO?

UNFCCC?

America’s Irreversible Goodbye to Climate Governance

UNFCCC?

UNFCCC?

1979?

EU?EU?

GX?2050?

Posted in ??????????, ???, ?? | No Comments »

# ???DOGE??

??? ?? · Tuesday, February 10th, 2026



??DOGE??  
??2026????????????????

## ??

??6??

??

## ???1??

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

??  
??6????????????

??

??

??????????

??

- ?????????????????? 1.5%/???
- ?????????????? 1,000%/???
- ?????????????????? 1,000%/???
- ?????????????????????????? 500?1,000%/???
- ?????????????????????? 500%/???

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

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

??GTETI?Global Tax Expenditures Transparency Index????????Public Availability????????????????????????????????

- ??? 116??81??100??38.4??
- ?? ?????????????????????????????????????4????????????????

??

??

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

????????????????????CO2????1??  
??

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

????????????????????????????????1????4,300????????????????????????????????  
??

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

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

??

- 62. J-????????????? 3.7??
- 68. ?????????????????????????????? 7.5??
- 47. ?????????????????? 30??

? ?????????????FIT????????34????????????????????

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

- 23. ?????????????????????? 74??
- 61. ?????????? 57??

- 57. ?????????????????? ?26??

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

????????????????????????????????2030????CO2??  
????????????????????????????

- ??-12????????????????????? ?3.5????
- ??-02????????????????????????????????? ?2.8????
- ??-04????????????? ?5,700????

??

**?????CO2??**

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

?????????1?????5??CO2????????????????  
????????????????????????????????????

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

????????????????????????????IPCC????????????????????TCRE??20  
50??0.006????????

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

????0.006??  
????????????????????

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

????0.006??

**????????**

- ?????????????????????CO2?????????????2,600????
- ??????????????????????1,300????
- ?????????????????????JCM?????????1,000????
- ??????????????????????????????????800????

**????????**

- ??????????????????2,000????
- ??????????????????2,000????
- ??????????????????????????2,000????
- ??????????????????1,100????

??DOGE????????????????????????????  
????????

### 4.4.2.2 CO2 capture and storage

#### 4.4.2.2.1 CCS

CCS is a technology that captures CO2 from large point sources and transports it to a storage site.

CO2 capture can be achieved through pre-combustion, post-combustion, or oxy-fuel processes. Pre-combustion involves gasification of coal or biomass, while post-combustion uses chemical solvents to capture CO2 from flue gases. Oxy-fuel processes burn fossil fuels in an oxygen-rich environment, producing a CO2-rich stream that is easier to separate.

#### 4.4.2.2.2 Storage

CCS systems are categorized into pre-combustion, post-combustion, and oxy-fuel. Pre-combustion CCS is typically used for coal gasification. Post-combustion CCS is the most widely studied and is applicable to a range of industrial processes. Oxy-fuel CCS is still in the early stages of development. The International Energy Agency (IEA) estimates that CCS capacity will reach 400 million tonnes per annum by 2030, with a potential to reach 1 billion tonnes per annum by 2050.

#### 4.4.2.2.3 Storage capacity

Feasibility studies for CCS storage sites are ongoing. The United States has several large-scale storage sites, including the Illinois Industrial Gas Project and the Petra Nova project. The European Union has also identified several potential storage sites. The storage capacity of a site depends on geological factors such as the depth and volume of the storage reservoir, the permeability of the reservoir, and the integrity of the overlying caprock.

#### 4.4.2.2.4 Storage costs

- The cost of CCS storage is currently estimated at 2.8 \$/tonne.

DOGE is a software tool used for the design and optimization of CCS systems.

### 4.4.2.3 CO2 transport

#### 4.4.2.3.1 Pipelines

CO2 transport via pipelines is the most common method for moving CO2 from capture sites to storage sites.

PDCA is a process management framework used to improve the efficiency of CCS operations. It consists of four stages: Plan, Do, Check, and Act. The Plan stage involves setting targets and identifying areas for improvement. The Do stage involves implementing the plan. The Check stage involves monitoring performance and identifying deviations. The Act stage involves taking corrective action to address deviations.

#### 4.4.2.3.2 Shipping

Shipping CO2 via pipelines is currently the most cost-effective method. The cost of CO2 transport via pipelines is estimated at 2.8 \$/tonne. Shipping CO2 via shipping is currently not economically viable due to the high cost of liquefaction and shipping. The cost of CO2 transport via shipping is estimated at 10-15 \$/tonne.

Shipping CO2 via shipping is currently not economically viable due to the high cost of liquefaction and shipping.

#### 4.4.2.3.3 Air transport

Air transport of CO2 is currently not economically viable due to the high cost of liquefaction and shipping. The cost of CO2 transport via air is estimated at 10-15 \$/tonne.

### 4.4.2.4 CO2 utilization

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

????????????9??  
??

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

??  
????????????????????????????EV????????????????????????????

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

??EV????????????  
??

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

??????????

- ?????????????????????????1???
- ?????????????????????????3,000????
- ?????????????????????????150????
- ?????????????????????????????????100????
- ?????????????????????????????????100????
- ?????????????????????????????????100????

Posted in ??????????, ??? | No Comments »

## ???? vs ?????2026????????????????????

?? ?? · Friday, February 6th, 2026



metamorworks/iStock

2026????????278????????????????

??

**????????????????????**

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

??

????????????????vs????????????????

??

??

??

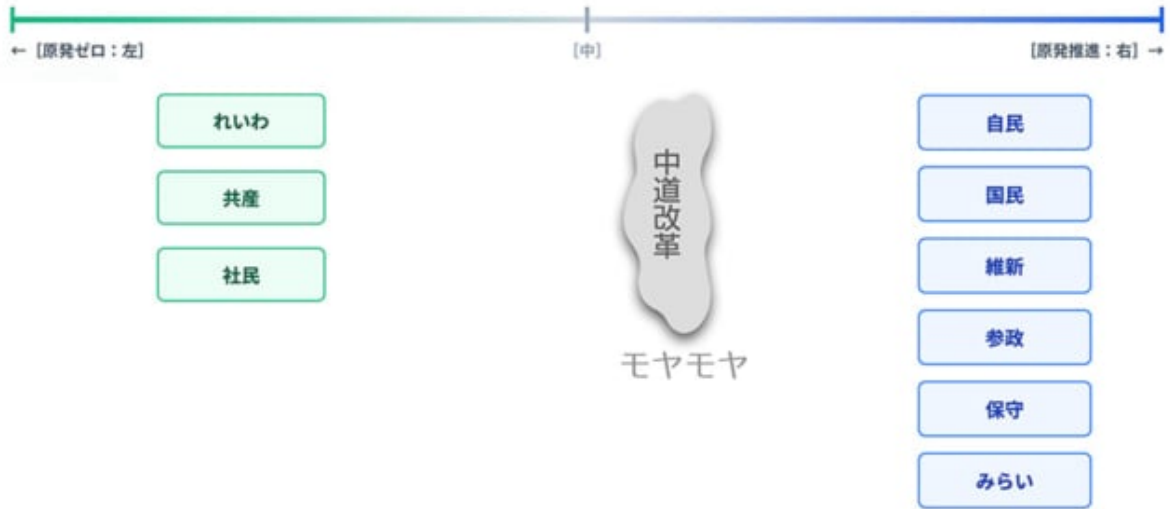
????????????????????????????????

??

??

3.11??  
??????

# 原発政策における政党相関図



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

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

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

????????2050????????????????????

??  
??

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

??

??  
??

?????1972??

??

??  
a??

??  
???2????????????????

???2????????????????55????????????????????????????????2????????????????????????

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

????????????????????20??

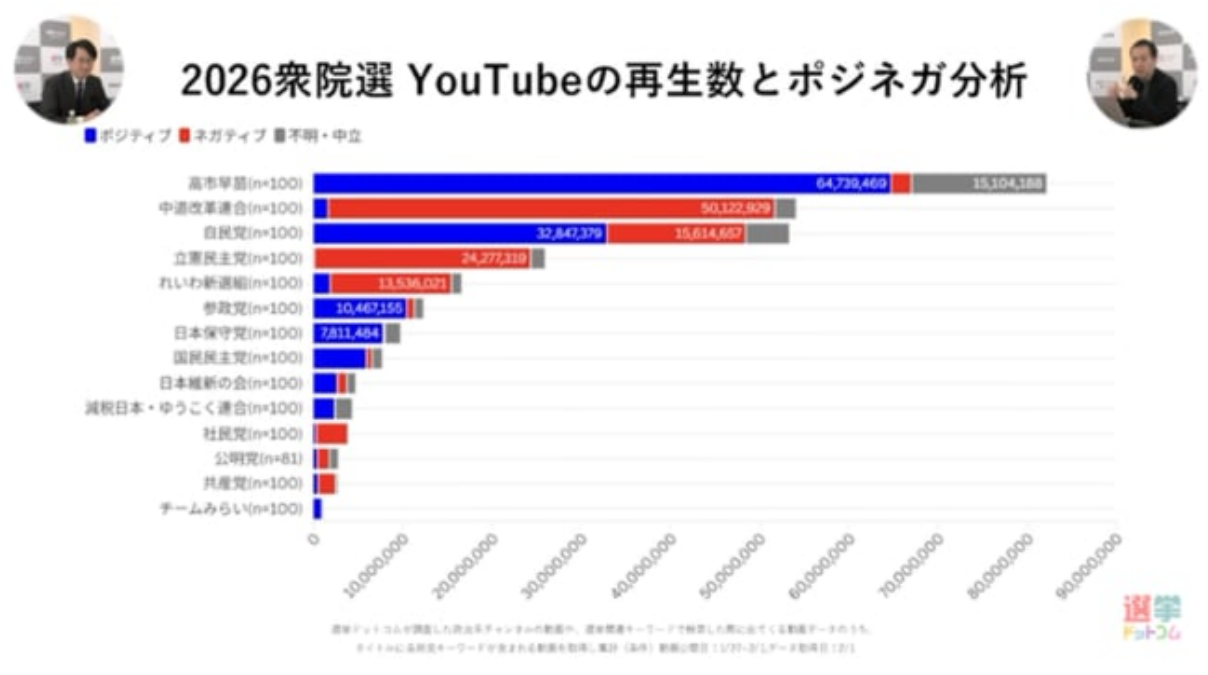
### ???2026???—????????????????

????????????????????????????300????????????????????????????????????

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

??

??



??????

???Youtube????????????7000?8000????????????????

??320?  
????????????????????

???300??

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

### ????????????—????????

??

????????AI/????????GX????????????100????????

??

??

??

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

???1?????????1?????????????100?????100????????????????????

??

?????????????????????????70????????????????????????

??

??

??

28????????????

Posted in ??????????, ??, ?? | No Comments »

## ????????????????????????????????

?? ?? · Wednesday, February 4th, 2026

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

?????????????????????20????????????????????????????????



????????Is Fukushima Dangerous? — Distorted images of Japan???

**????????21??COE**

?20????????5??

???J-WAVE????????????????????????????

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

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

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

Early Morley Bird?????????

“?????”????????????????????????TV????????????????????????????????

????????????????????????5????????????1984????????

??

??

??21??COE????????????????????????????

????????????????????????????????2008?2?18?200????????????

**????21??COE????????????????????**



??????????

**????????“????”????????**

????????3.11????????2016????????????????????????????????

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

??

??

??  
????????????????????????????“????”????????????

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

??“????”????????

**????????????????????????????**

??

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

??  
??

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

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

**??????????**

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

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

2021??News Week????



## 特集：奇才モーリー・ロバートソンの国際情勢入門

2018年8月14日号（8/7発売）

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

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

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

NHK????????????????????

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

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

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

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

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

Posted in ???, ????? | No Comments »

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

?? ?? · Sunday, February 1st, 2026



gremlin/iStock

2024?6??????????GFANZ?NZBA??  
??????????

??CDP?SBTi??  
????????????????

- ?????????????????????????????????
- ???????????????????????????????
- ???????????????????????????????
- ?ESG????????????????????????????????
- ?????????????????????
- ??11????????????????????

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

**Net Zero Financial Service Providers Alliance Disbands – ESG Today**

NZFSPA??  
 ???

??

??NZFSPA????????????????????????????

2021??????EY?KPMG?PwC?S&P????????????????????????????(LSEG)??18??????  
??  
???NZFSPA????????????????????????????????????4????????????????????????

??(GFANZ)????????????????  
?????????????(NZBA)????????????????(NZAM)????????????(NZAOA)????????  
???

?ESG??

?NZFSPA??????2023?12????????????JPX????????????????????????????2???

**Net Zero Financial Services Providers Alliance????????? | ??????????**

????????????????JPX????????????????????Net Zero Financial Services Providers  
Alliance?NZFSPA??????????

NZFSPA????????????????????1.5????????????2050????????????????????????????  
??

JPX????????NZFSPA????????????????????????????????????

お知らせ	会社情報	株主・投資家情報 (IR)	サステナビリティ	ガバナンス/リスク管理
------	------	---------------	----------	-------------

JPX企業情報 > お知らせ > JPXからのお知らせ

## JPXからのお知らせ

2023/12/04 JPX

### Net Zero Financial Services Providers Allianceへの加盟について

#### ツイート

株式会社日本取引所グループ（以下、JPX）は、脱炭素社会の実現に貢献すべく、Net Zero Financial Services Providers Alliance (NZFSPA) に加盟しました。

NZFSPAは、産業革命前からの世界の平均気温上昇を1.5度未満に抑えるため、2050年までに世界の温室効果ガス排出量のネットゼロを実現するという目標への貢献にコミットする金融サービスプロバイダーのグローバルなイニシアティブです。

JPXは、環境理念及び環境方針を掲げ、環境と共存可能な資本市場の維持・発展に努めることで持続可能な社会を目指しています。また、中期経営計画2024においてグリーン戦略を策定し、その一環として、2024年度までに温室効果ガス排出量スコープ1・2のカーボン・ニュートラル実現を目指しています。

今般のNZFSPAへの加盟により、JPXは、ネットゼロの達成に向けた取組みをより一層深化させていきます。

- Net Zero Financial Service Providers Alliance
- COP28: Japan Exchange Group, Latinex and Philippine Stock Exchange join the Net Zero Financial Service Providers Alliance (NZFSPA) (SSEリリース)

Net Zero Financial Services Providers Alliance???????? | ??????????



GX（グリーン・トランスフォーメーション）リーグは、2050年カーボンニュートラル達成に向けて、GXに積極的に取り組む企業群が、官・学・金でGXに向けた挑戦を行うプレイヤーとともに、一体として経済社会システム全体の変革のための議論と新たな市場の創造のための実践を行う場として、経済産業省によって設立されました。2024年4月時点で日本の温室効果ガス排出量の5割以上を占める企業が参画しており、当社も2023年度の稼働当初より参画しています。

- [GXリーグの取組について](#)
- [GXリーグ公式ウェブサイト](#)

なお、東京証券取引所は2024年11月、経済産業省の令和6年度のGXリーグに係る事業の一部として、GXリーグにおける自主的な排出量取引（GX-ETS）の超過削減枠をカーボン・クレジット市場における売買の対象に追加しました。

- [カーボン・クレジット市場 制度概要](#)

### Net Zero Financial Service Providers Alliance (NZFSPA)

JPXは2023年12月にNZFSPAに加盟しました。NZFSPAは、産業革命前からの世界の平均気温上昇を1.5度未満に抑えるため、2050年までに世界の温室効果ガス排出量のネットゼロを実現するという目標への貢献にコミットする金融サービスプロバイダーのグローバルなイニシアティブです。NZFSPAへの加盟により、JPXは、ネットゼロの達成に向けた取組みをより一層深化させていきます。

- [Net Zero Financial Services Providers Alliance](#)
- [取引所グループの目標設定ガイダンス](#)

NZFSPA加盟の取引所は、毎年、そのコミットメントに関する取組みについて、情報を公表することが求められています。JPXの関連情報は以下のページに掲載しています。

- [Net Zero Financial Service Providers Alliance \(NZFSPA\) 関連情報](#)

### Glasgow Financial Alliance for Net Zero (GFANZ) 日本支部

JPXはGFANZ（グラスゴー金融同盟、Glasgow Financial Alliance for Net Zero）の日本支部に参加しています。GFANZは2050年までに温室効果ガス排出量実質ゼロを目指す世界最大の金融連合体です。日本国内の金融機関がネットゼロ移行計画を策定するための知識やベ

[JPX????????????](#) | [????????](#) | [JPX????????????](#) | [????????](#)

[????????????JPX????????????????????????????](#)

[????????????????NZFSPA?GFANZ????????????????????????????JPX????????????????????????????](#)  
[????????](#)

[2023?12????????ESG??2????????????](#)  
[????????????????????](#)

[GX??JPX????????????????????????????](#)

[??ESG?S?????G????????????](#)

?

Posted in ???, ????, ????? | No Comments »

????????????...????????????????3????????

?? ?? · Saturday, January 31st, 2026



stock\_colors/iStock

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

???????????

??“?3?”????????????????????“????”????

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

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

??1952????????????????9?????????  
????????????????

9????????????????????????????????????

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

??

??1990~1994??

?????3??

?3??

??  
??

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

**????????????????????????????????????**

??

????????????????“????????????”????????????????????????????

??

??

??  
??

**????????????????????????????????**

3.11?5??  
????????????????????????????????

??

????????????3?4?5????????????????????????4????????????????????2014?2??/????????????  
?????????

??

??  
????????2024?12???????



????????????22?????©????

3.11????/????????????2012?????18????????????????????????????????????19????????????????????22?????  
????????2015???

????????5????????????????????????1.6??

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

????2024?3????????22.7????????????????25.2????????????????????????????2024?10??????????  
??

??

????????????2025?2????????????????????????????4???????

??

??

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

**????????????????????????**

???20??

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

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

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

????????????????2????????????????????????????????

? questioning attitude?????????  
? ????????

??  
???

??  
??  
???????

?????“openness”??

??

??

??

3.11??JANSI????????????????ATENA????????????

??

??3.11??  
????????????????????

??

??

Posted in ??, ????????? | No Comments »