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GEPR?? · Thursday, November 14th, 2024

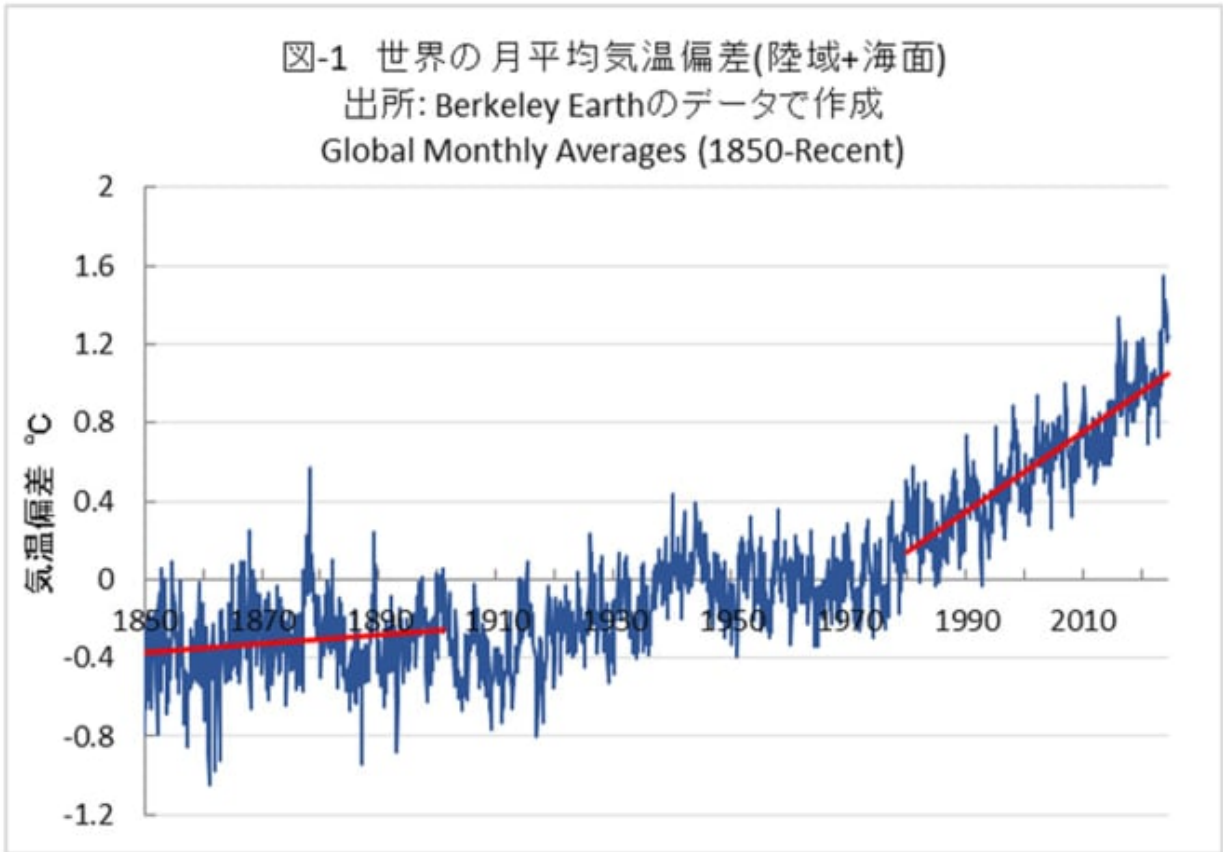


ImagineGolf/iStock

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Earth????????????????????????????????????2?????1.5????????????2030????1.5????????????

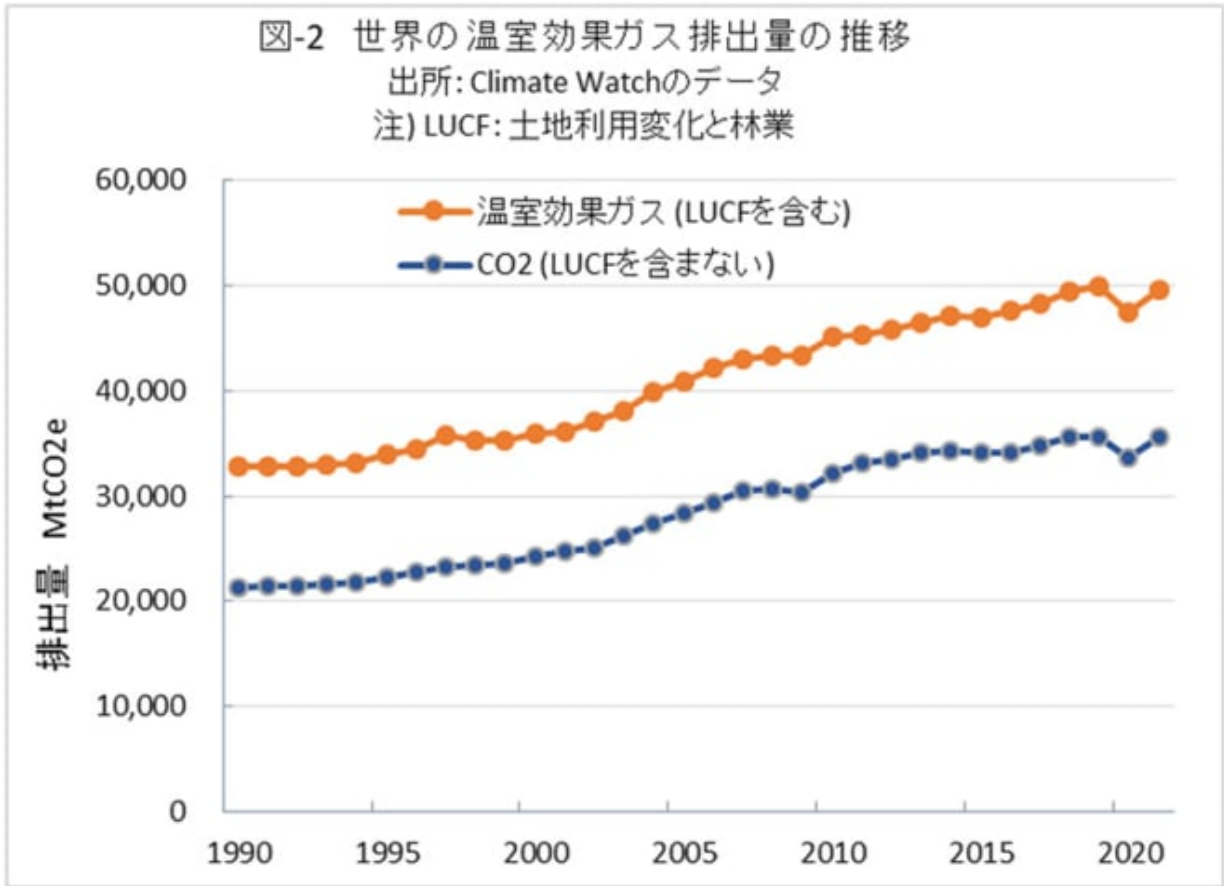


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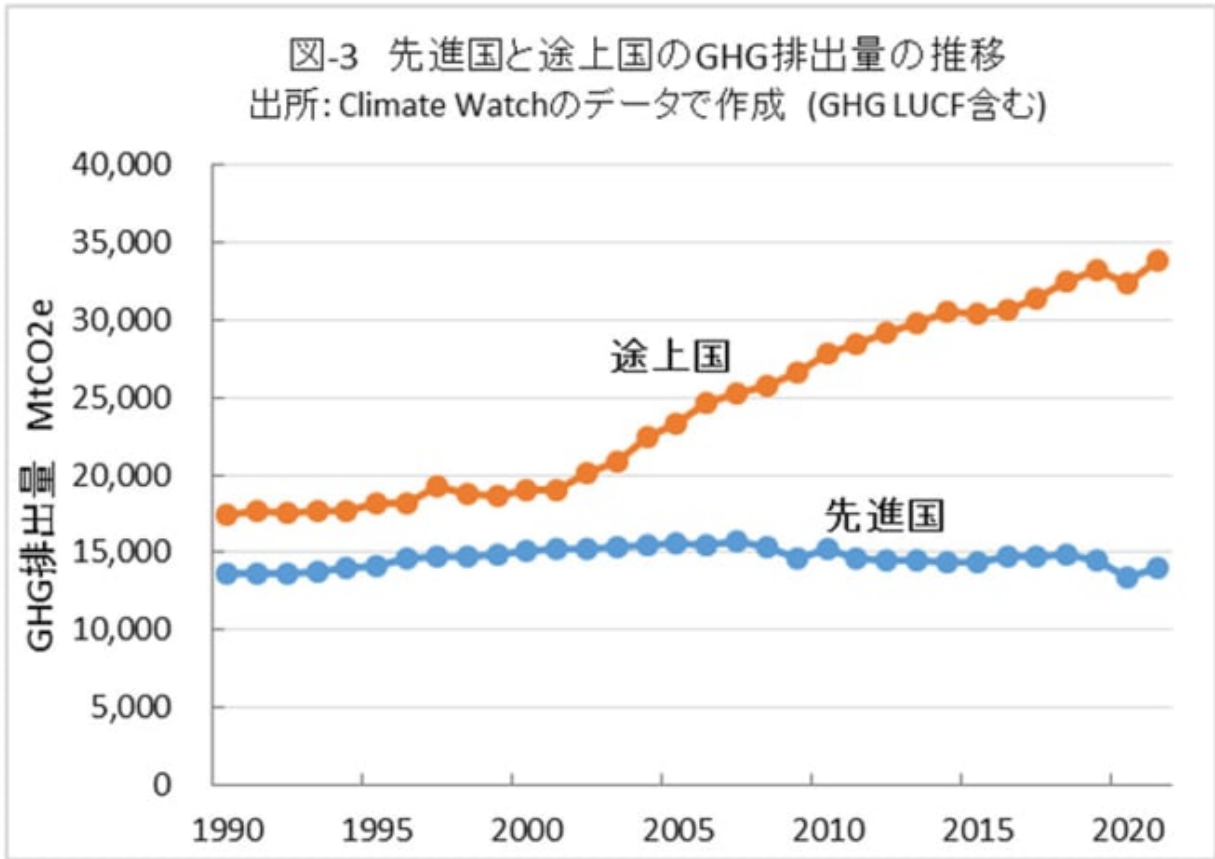
Watch?Data

Explorer????????????????????????????????????9????????????????????????GHG????????????????



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23

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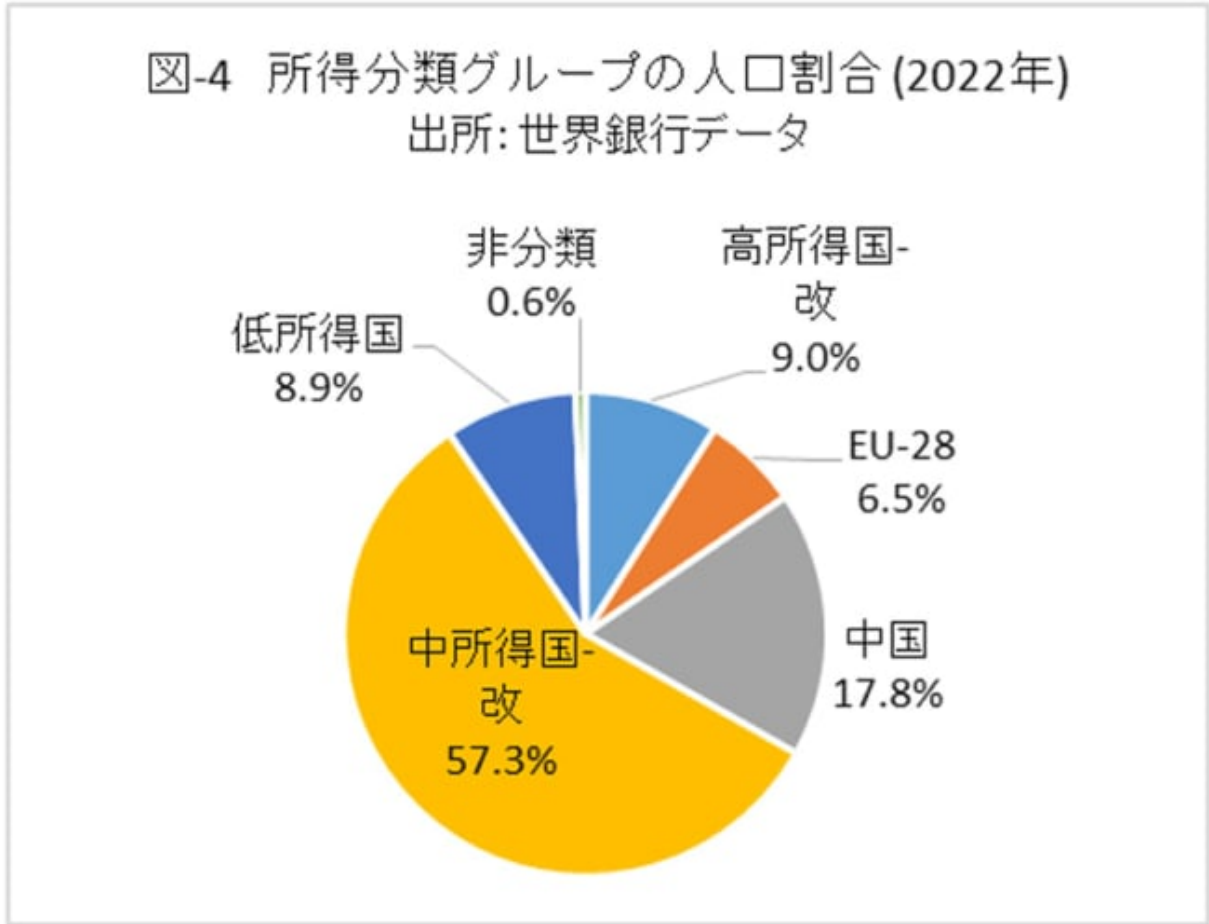
表-1 世界銀行の所得水準による国分類と本報告の国分類

本報告の分類	世界銀行、所得水準による国別分類 (FY22)		本報告での分類名称	備考
	分類名称	1人当たりGNI, USD		
先進国	High income countries	> 12,695	高所得国-改	EU除く
	Upper-middle income countries	4,096 - 12,695	EU-28 中国	英国含む27カ国 ブルガリア含む
途上国	Lower-middle income countries	1,046 - 4,095	中所得国-改	中国、ブルガリア除く
	Low income countries	< 1,045	低所得国	

21

GHG????????????????????????????EU-28??EU-28????????????????
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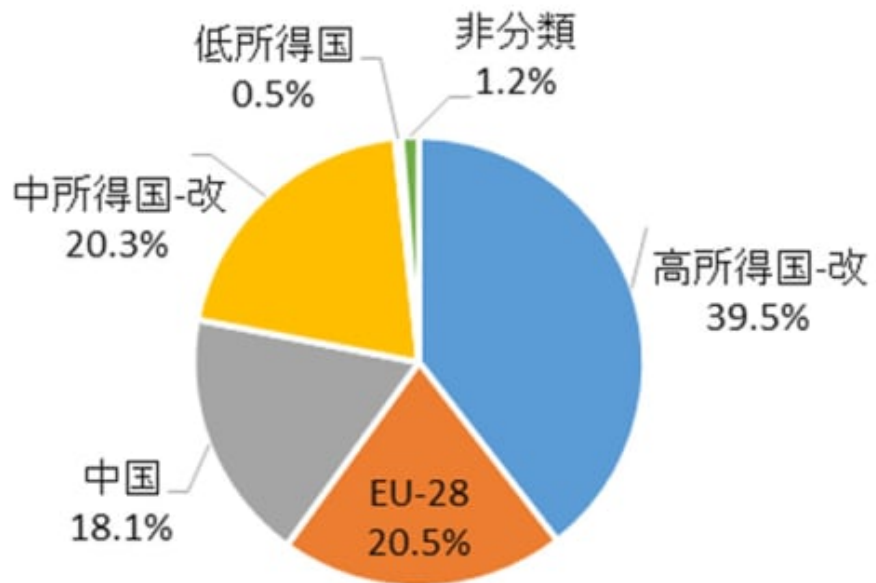
2007GHG5



4

GHG2022/4GDP40%

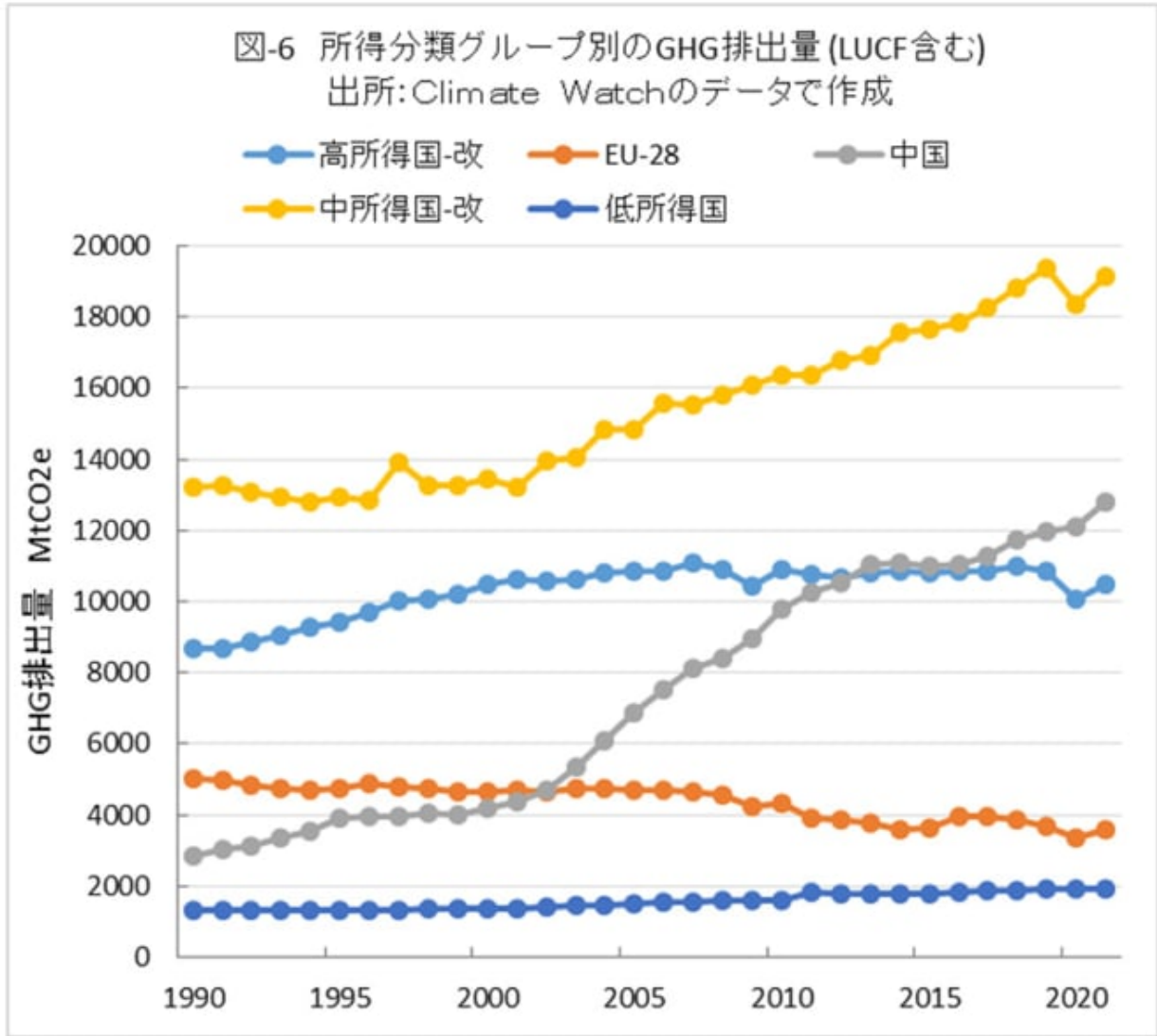
図-5 所得分類グループの実質GDP割合 (2022年)
出所: 世界銀行データ (constant 2015 USD)



25

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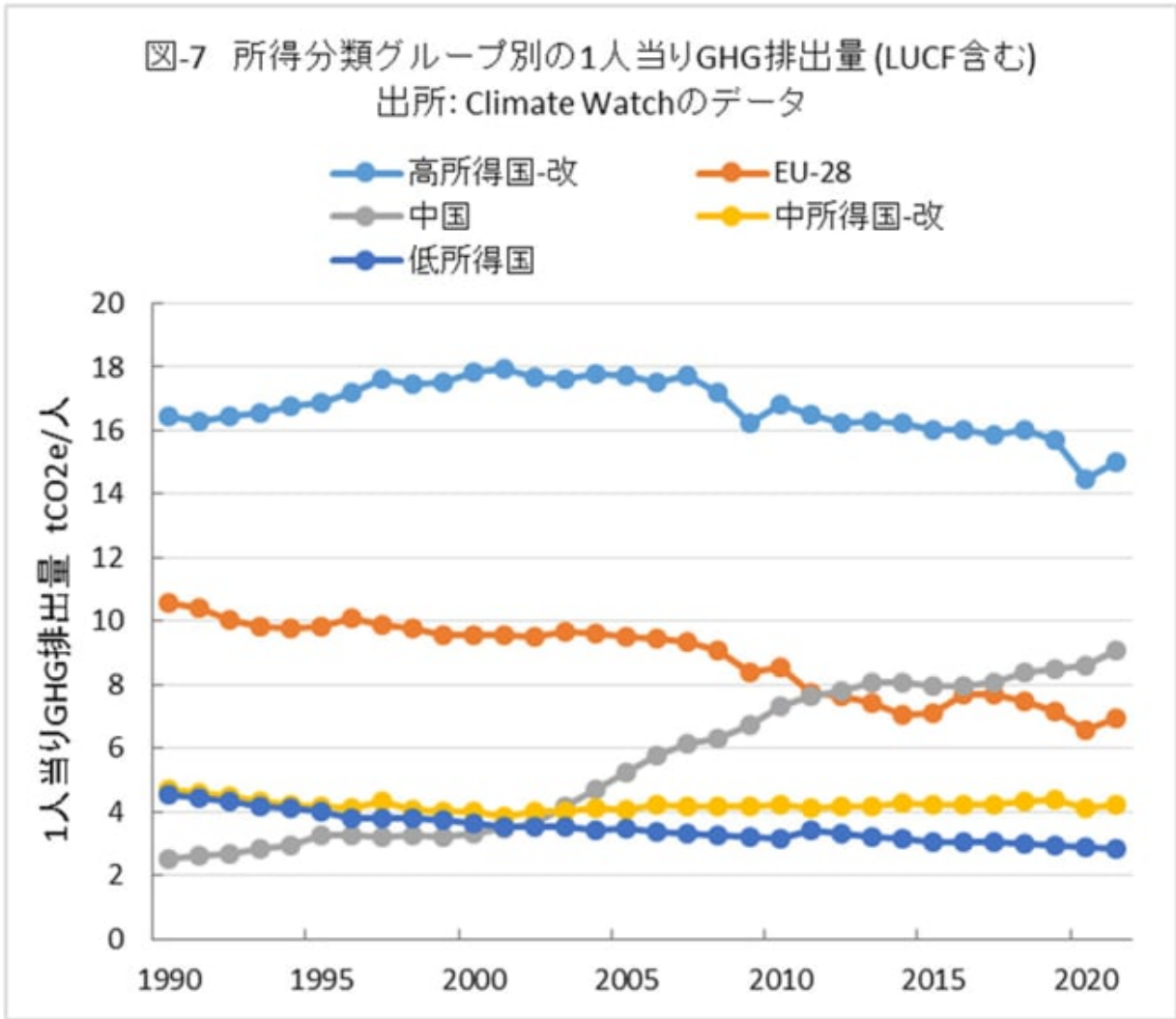
EU-28?GHG????????????????????-????????????????????-
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26

??????GHG????????????????GHG??GHG????????????????
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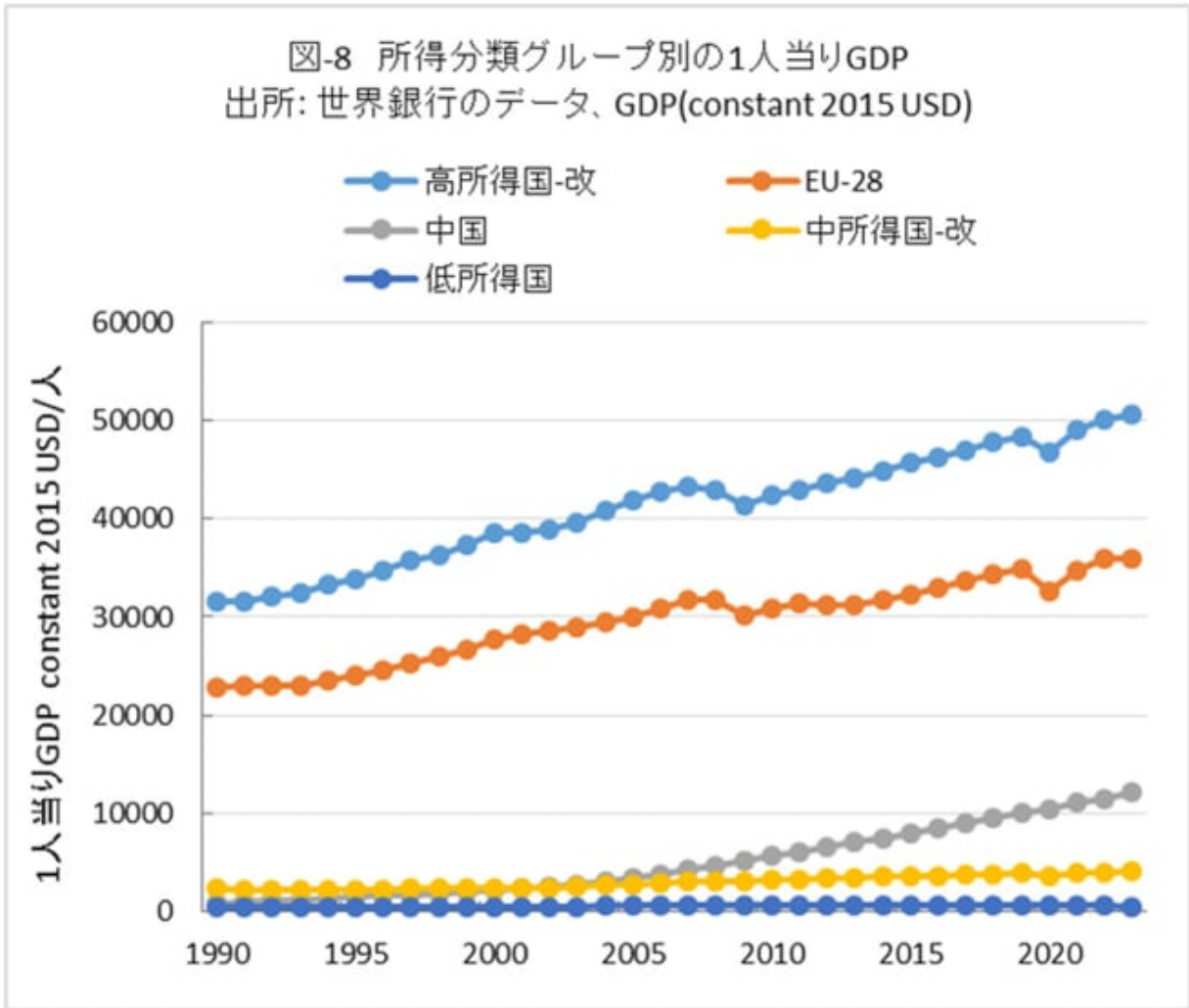
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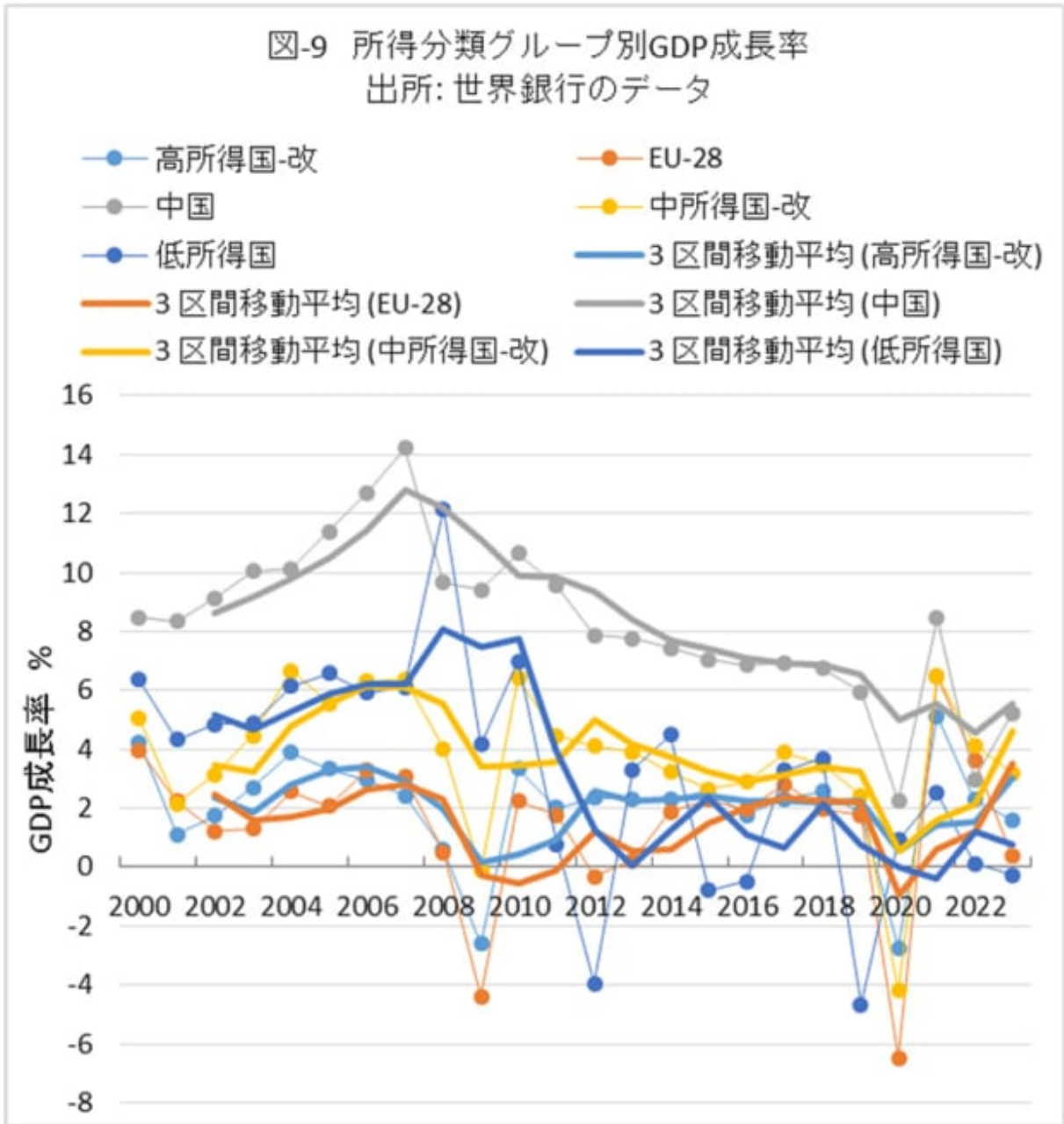
??????-??1???GHG????????-??3??1????GHG????????EU-28??????60% ??????????-
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?8?????1??????GDP????????????????-????????-
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78

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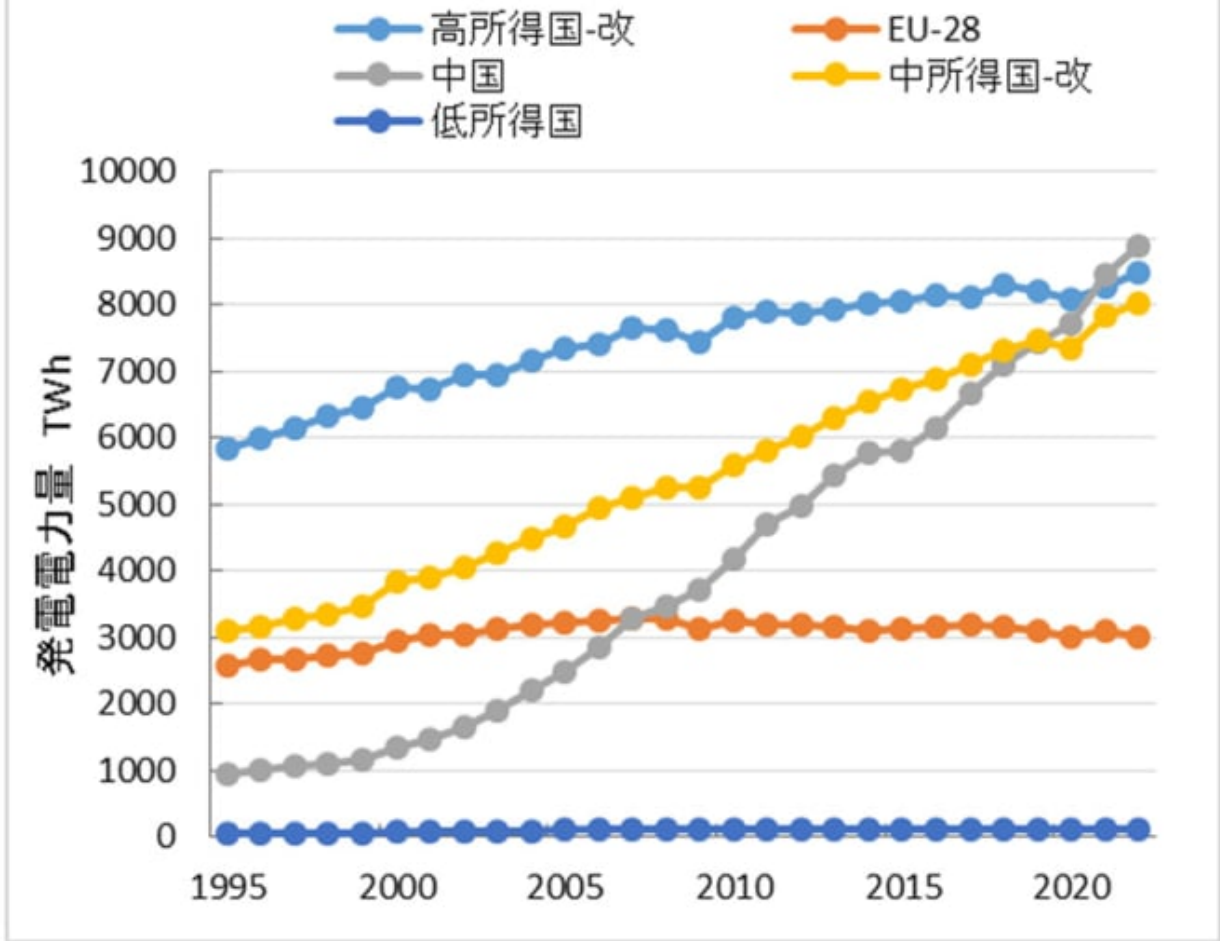
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Administration??International??

図-11 所得分類グループ別の年間発電電力量
出所: 米国エネルギー情報局(EIA)のデータ



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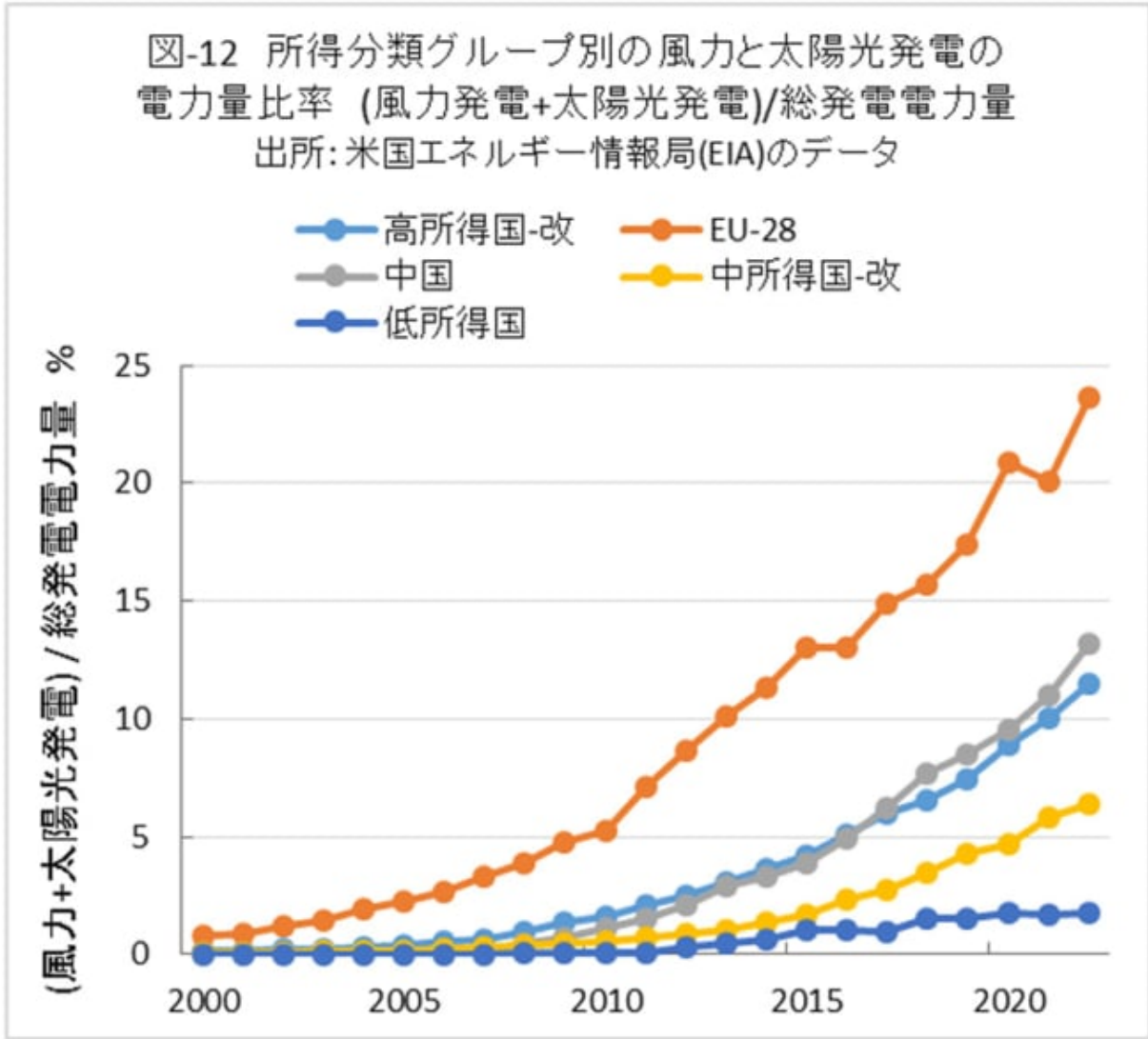
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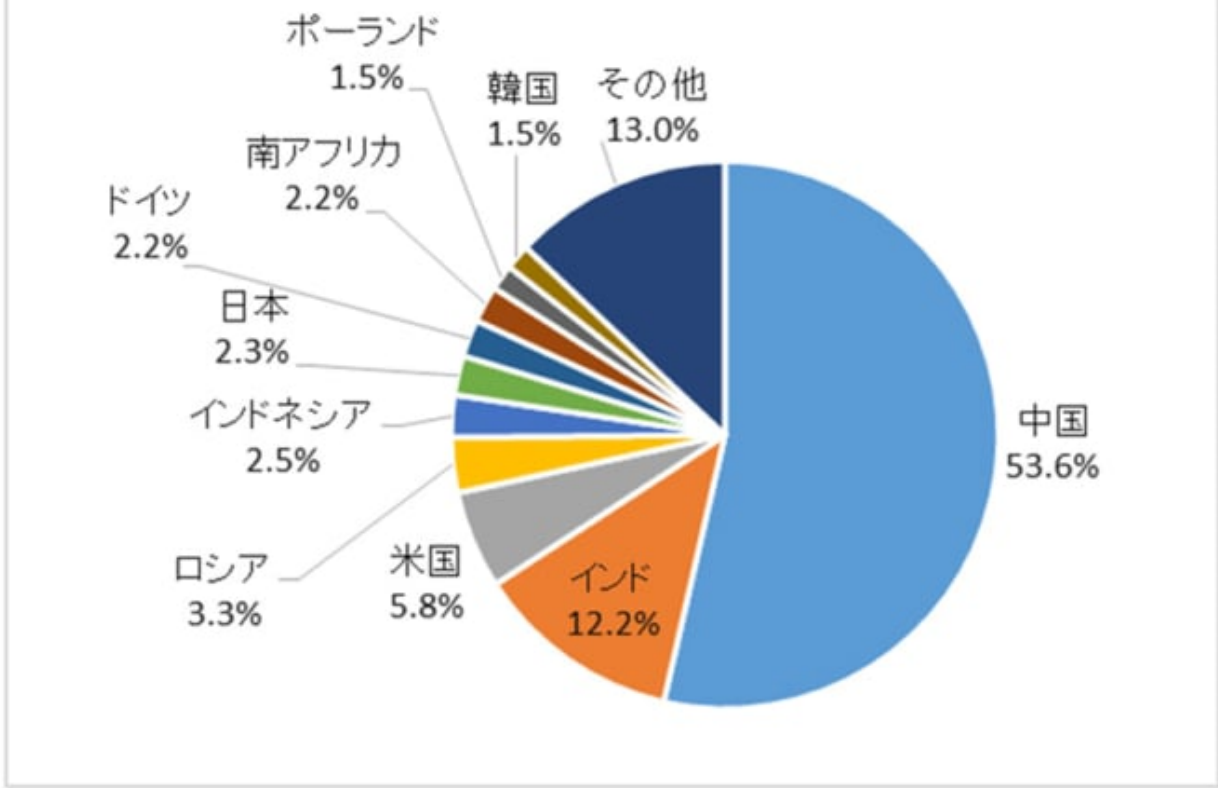


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図-13 世界の石炭消費量上位国(2022年)
消費重量比率、冶金原料炭を含む
出所: 米国エネルギー情報局、Internationalデータ



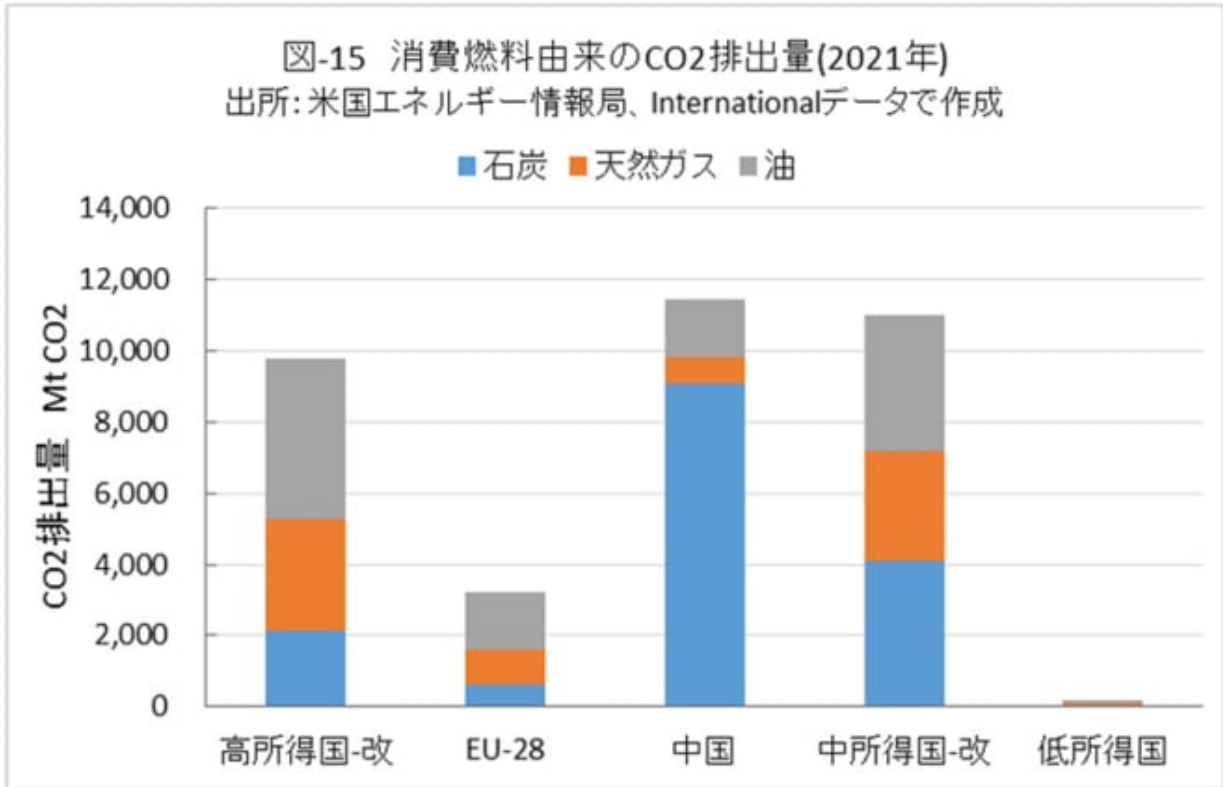
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China??90%????????????????????

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Posted in ???, ????? | No Comments »

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?? ?? · Wednesday, November 13th, 2024



Just_Super/iStock

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- 2023年，全球森林损失量达到创纪录的8,600万公顷，比2013年增加了34.8%。
- 森林砍伐和退化是气候变化的主要驱动因素之一，也是生物多样性丧失的主要原因。
- 保护森林对于减缓气候变化、保护生物多样性以及改善人类福祉至关重要。
- 然而，全球森林资源正面临前所未有的压力，包括非法砍伐、农业扩张和城市化等。
- 因此，采取紧急行动保护森林已成为全球可持续发展的关键挑战。

然而，森林保护的进展并不均衡。一些国家在保护森林方面取得了显著成就，而另一些国家则面临着严峻的挑战。此外，非法砍伐和森林退化仍然是一个全球性的问题。

2024年，全球森林保护工作将面临更加复杂的局面。随着全球气候变化的加剧，森林生态系统正受到越来越大的威胁。同时，全球人口的增长和资源的过度消耗也给森林保护带来了巨大的压力。

How ‘carbon cowboys’ are cashing in on protected Amazon forest

据估计，全球每年有约7800万公顷森林被砍伐，其中约60%的森林被用于农业和畜牧业。此外，Netflix、Airbnb和Spotify等公司也在利用森林碳汇进行碳抵消交易。

然而，

这些公司通过购买碳汇来抵消其碳排放，从而获得所谓的“碳中和”认证。然而，这种交易往往存在巨大的漏洞，因为许多所谓的碳汇项目实际上并没有真正保护森林。

因此，全球森林保护的进展并不均衡。

一些国家在保护森林方面取得了显著成就，而另一些国家则面临着严峻的挑战。

森林保护的挑战与机遇

全球森林资源正面临前所未有的压力，包括非法砍伐、农业扩张和城市化等。然而，随着全球对可持续发展的重视，森林保护也迎来了新的机遇。

全球森林保护工作将面临更加复杂的局面。随着全球气候变化的加剧，森林生态系统正受到越来越大的威胁。

Betrug im Handel mit Kohlenstoff-Zertifikaten? – Forschung enthüllt massive Lücken im Waldschutz

2023年，全球森林损失量达到创纪录的8,600万公顷，比2013年增加了34.8%。森林砍伐和退化是气候变化的主要驱动因素之一，也是生物多样性丧失的主要原因。

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Report: U.N. Using Climate ‘Credit’ Scheme to Hide Massive Carbon Emissions

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?SDGs?????????

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

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Posted in ???, ?? | No Comments »

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GEPR?? · Tuesday, November 12th, 2024



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1. ??????BWR???????

2024?10?29????????????2????????????????????????13????????????????????BWR????????????
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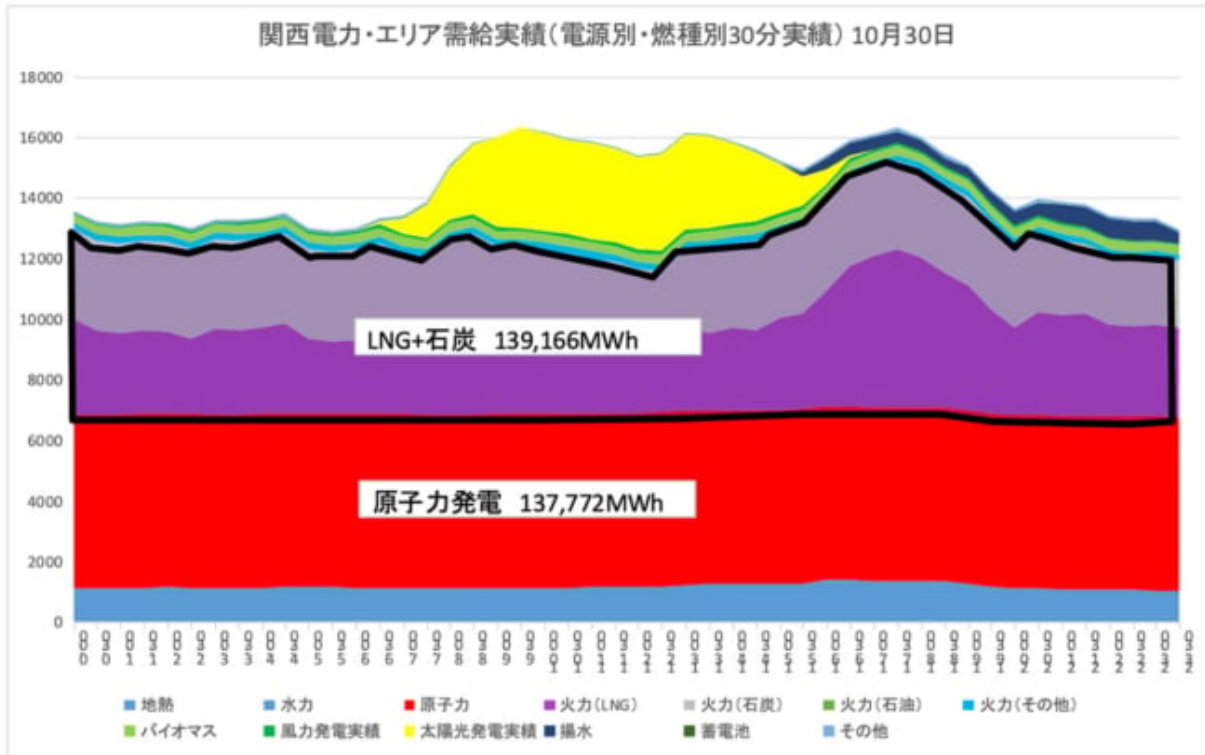
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<https://agora-web.jp/archives/240815045338.html>

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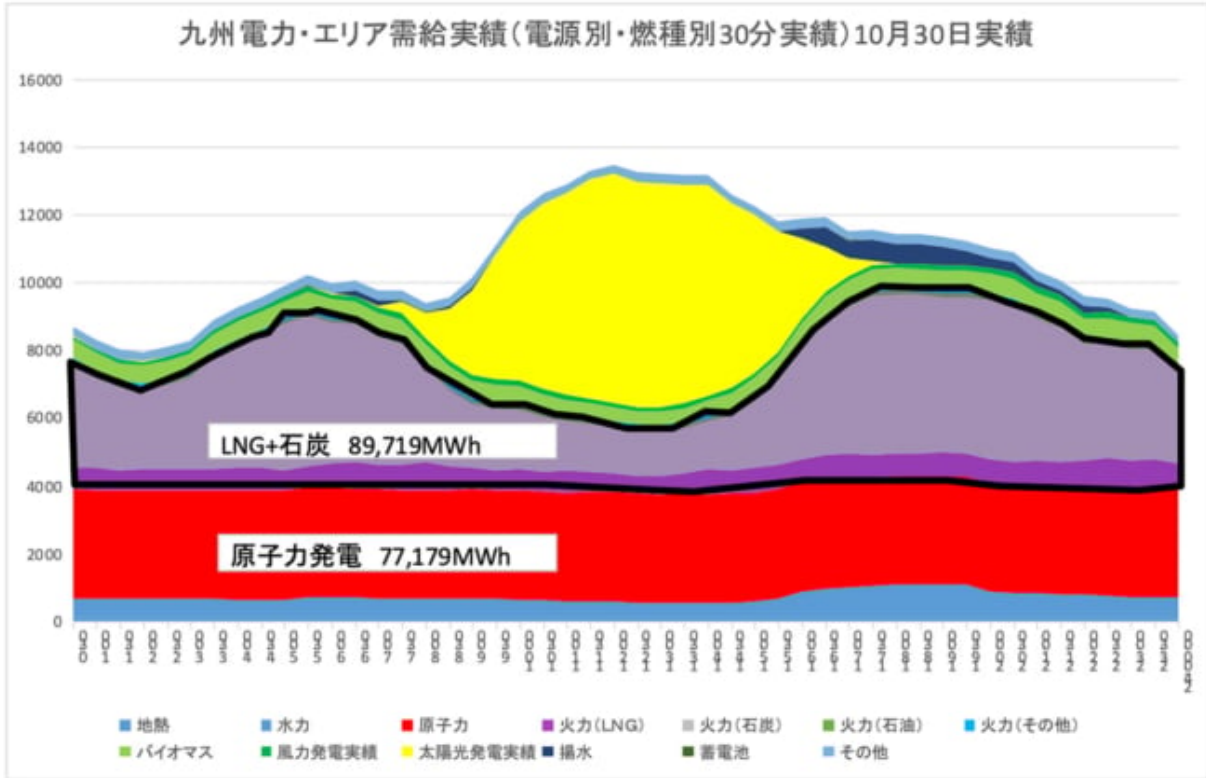
?1?2024?10?30??LNG??????????
??LNG????????????????????????????????

?????????137,772MWh??LNG?????????????139,166MWh????????????????????????????????????

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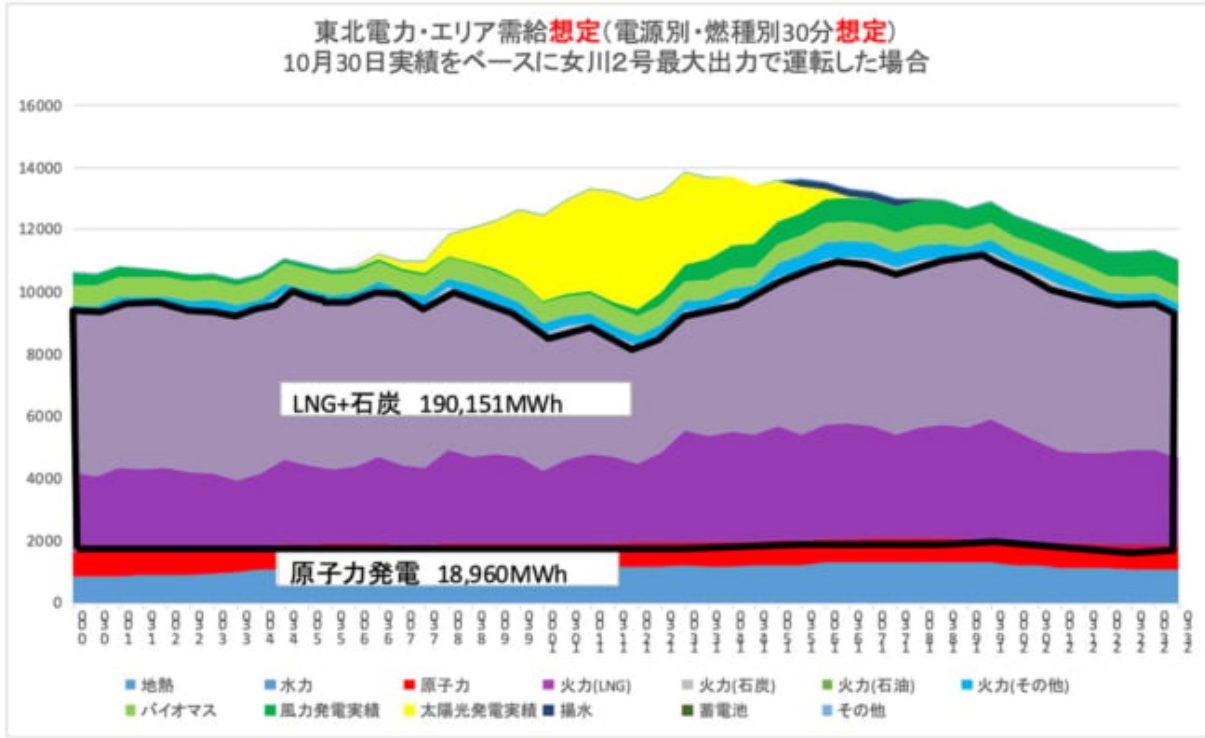
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????????77,179MWh?LNG????????89,719MWh????????????46????????????????????????????
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?3???2024?10?30??2????????????
82?KW??



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

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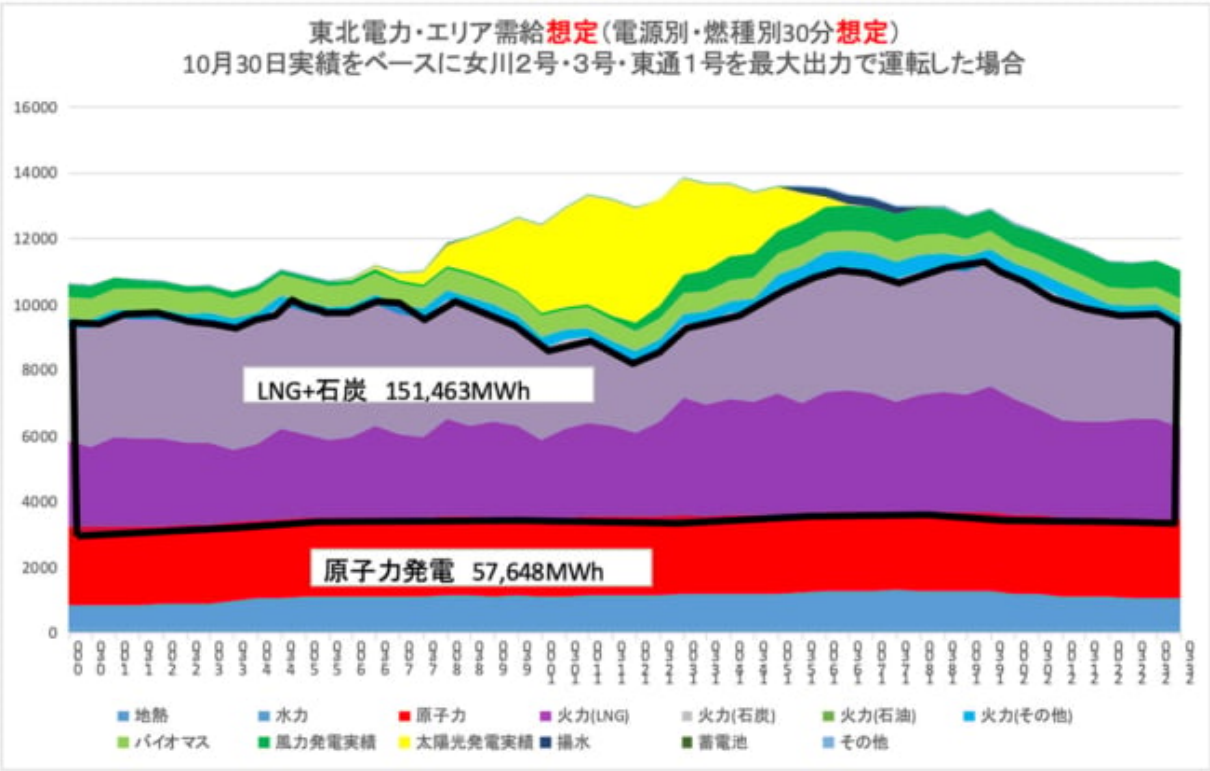
????????18,960MWh?LNG????????190,151MWh????????????9????????????????

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????????3????84?KW????1????100?KW????????????????

?3????1????????????????????50????????????????2023?4?11????????41???

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 ?130?MW??

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1966????1990??

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

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?? ?? · Friday, November 8th, 2024

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2023??????GX????10???150????????????????????????????????????

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BRICS

BRICS

BRICS

BRICS 2009 BRIC 2011 BRICS 2023 2024 UAE 2011

BRICS 2023 BRICS 2013

G20 BRICS G7 G20

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- GHGs
- UNFCCC COP27 2023 COP28 UAE COP29 2025 COP30 2028 COP33
- SDGs BRICS
- UNFCCC

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??COP29????????????????G7????????????????????????????????????
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G7????????????????????????????BRICS????????????
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Posted in ??????????, ??, ????? | [No Comments](#) »

????????G7?G20?BRICS???????

?? ? · Wednesday, November 6th, 2024



Heiness/iStock

11?11??22????????????COP29??????

COP29????????????????????????????????1000????????????????????????????NQG????????????????????
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Posted in ??????????, ??, ???? | No Comments »

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?? ? · Sunday, November 3rd, 2024



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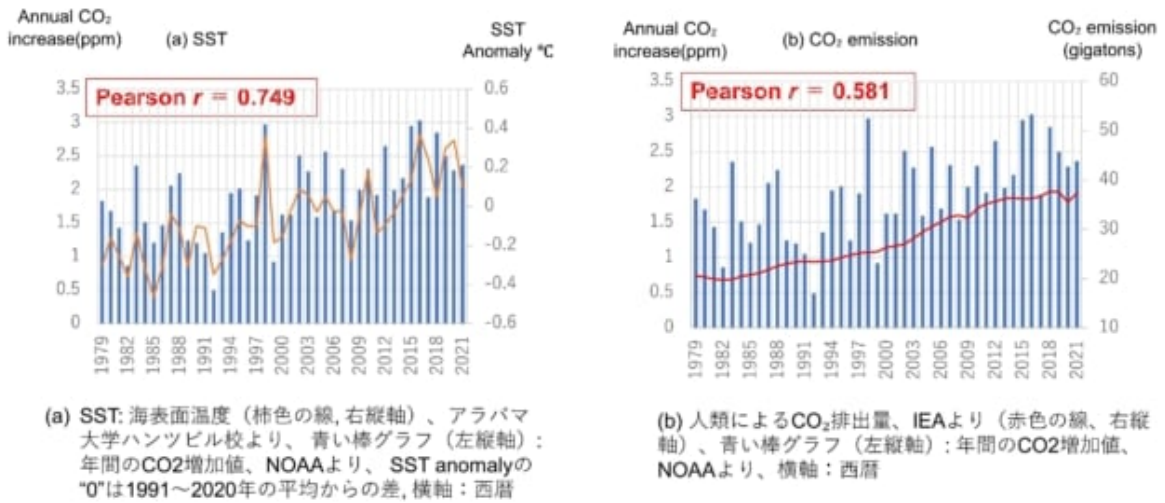


図1. 大気中CO₂濃度の年間増加値との比較 (a) SSTと (b) 人類によるCO₂排出量

??CO2??SST????????????????????
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???????Figure1??CO2??1.5?2ppm??
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<https://agora-web.jp/archives/240806054159.html>

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Posted in ???, ????? | No Comments »

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?? ?? · Thursday, October 31st, 2024



ChrisSteer/iStock

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

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CFP

3

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15?20

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CFP CO2 2010??10% ???

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CFP????????CO2????????CO2????????CO2
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CO2????????CFP????3????????????????????????????????????CO2????????
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Posted in ????????????, ???, ??? | No Comments »

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?? ?? · Friday, October 25th, 2024



cyano66/iStock

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ESG評価の欺瞞

4/19

同業のA社とB社。どちらがESG投資対象となるでしょうか？

A社

- ・年間CO₂排出量：10万トン
- ・従業員数：1万人
- 一人当たり年間CO₂排出量：10トン

B社

- ・年間CO₂排出量：100万トン
- ・従業員数：20万人
- 一人当たり年間CO₂排出量：5トン

???ESG?SDGs???????

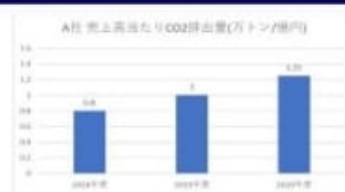
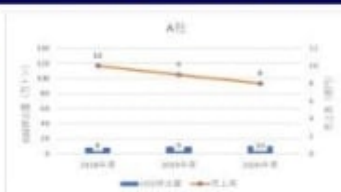
ESG評価の欺瞞

5/19

同業のA社とB社。どちらがESG投資対象となるでしょうか？

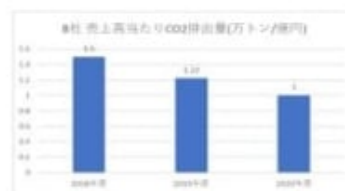
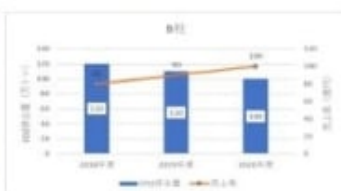
年度	CO ₂ 排出量	売上高
2018年度	8万トン	10億円
2019年度	9万トン	9億円
2020年度	10万トン	8億円

CO₂の絶対量は少ないが、環境効率が悪化



年度	CO ₂ 排出量	売上高
2018年度	120万トン	80億円
2019年度	110万トン	90億円
2020年度	100万トン	100億円

CO₂の絶対量は多いが、環境効率が向上



私がESG投資家の立場であれば評価は不可能。さらに、ここでは同じ業種としたが、別の業種(製造業と小売業、サービス業など)の場合や、立地地域/国によって電力のCO₂排出係数が異なる場合など、現実の企業間比較ではますます複雑な条件が重なる。この問いに答えてくれたESGの専門家皆無。

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 Street?Vanguard?ISS?Glass Lewis????????????????????????????????

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?? ??? ?? · Thursday, October 24th, 2024



slexp880/iStock

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Posted in ???, ?? | No Comments »

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?? ?? · Tuesday, October 22nd, 2024



HUNG CHIN LIU/iStock

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Figure 1: Taiwan’s Energy Supply in 2022, Bureau of Energy, Ministry of Economic Affairs (MOEA)

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???The Resilience of Taiwan’s Energy and Food Systems to Blockade

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

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?? ?? · Friday, October 18th, 2024



Angela Chestnova/iStock

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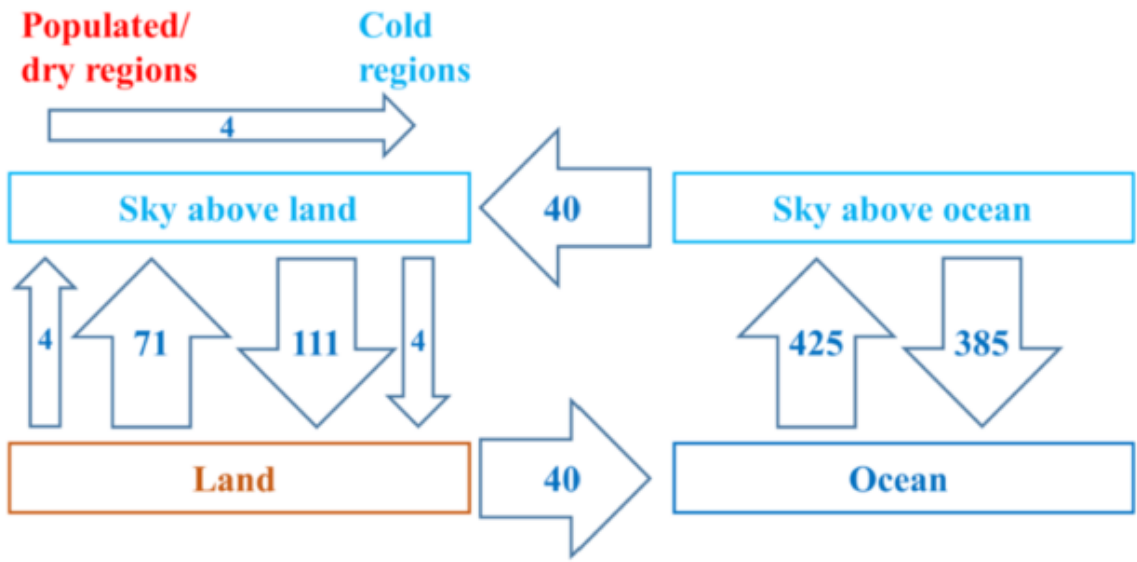
?SDGs????????

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Posted in ???, ????? | No Comments »

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?? ?? · Friday, October 11th, 2024



da-kuk/iStock

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

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GEPR??? · Friday, October 11th, 2024



eyegelb/iStock

????????????????JoNova????????????????????????????????80%????????????????
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Australian grid risks an overload at lunchtime as solar power floods the system

JoNova??

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Market??



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Australia’s Electricity Transmission Lines – Geoscience Australia

??NEM????2022????????3,758?KW? ?????????70????????????????????????????????
10?KW????20?KWh? ?????????????AEMO?Australian Energy Market
Operator????????????????????????????????????

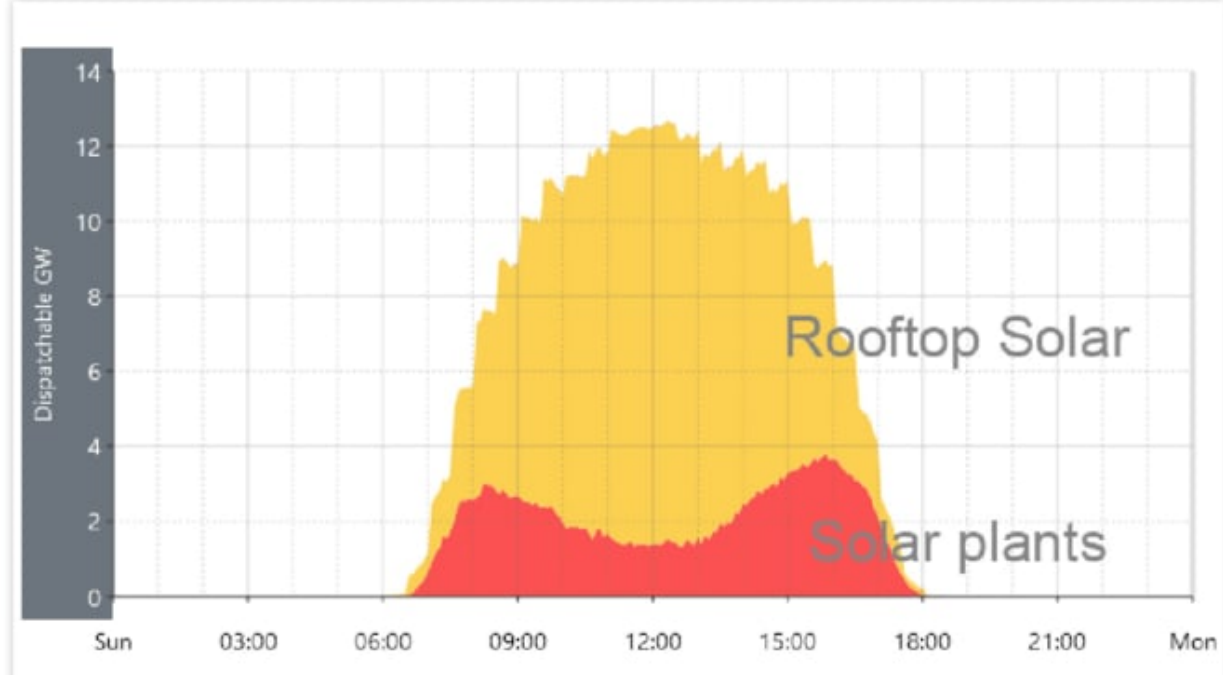
Quarterly Energy Dynamics Q3 2023 AEMO Australian Energy Market Operator

2024 9 5 80

Random power glut means 80% of solar plant output was thrown away on Sunday

2024 9 1 NEM Rooftop Solar plants

Energy Production by Source During 1 September 2024

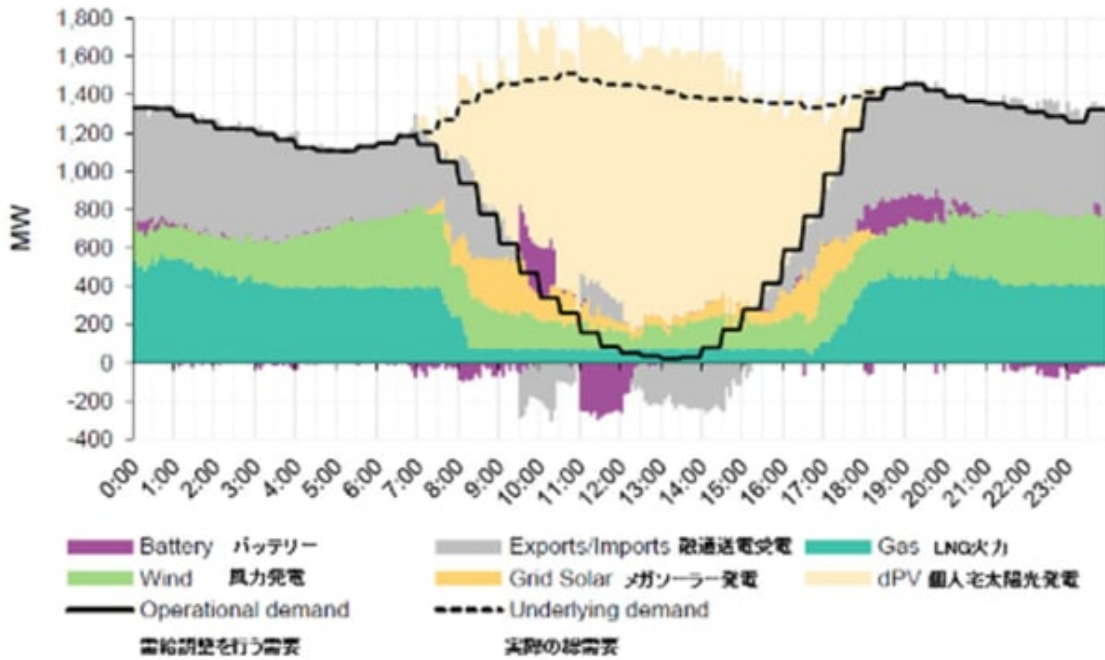


2024 9 1 JoNova

12:00

AEMO 3

South Australia demand (line) and generation by fuel type – 16 September 2023



2023年9月16日
 AEMO Quarterly Energy Dynamics Q3 2023

2023年9月16日 NEM

dPV Rooftop

Grid

Solar 9:00 16:00 12:00 14:00

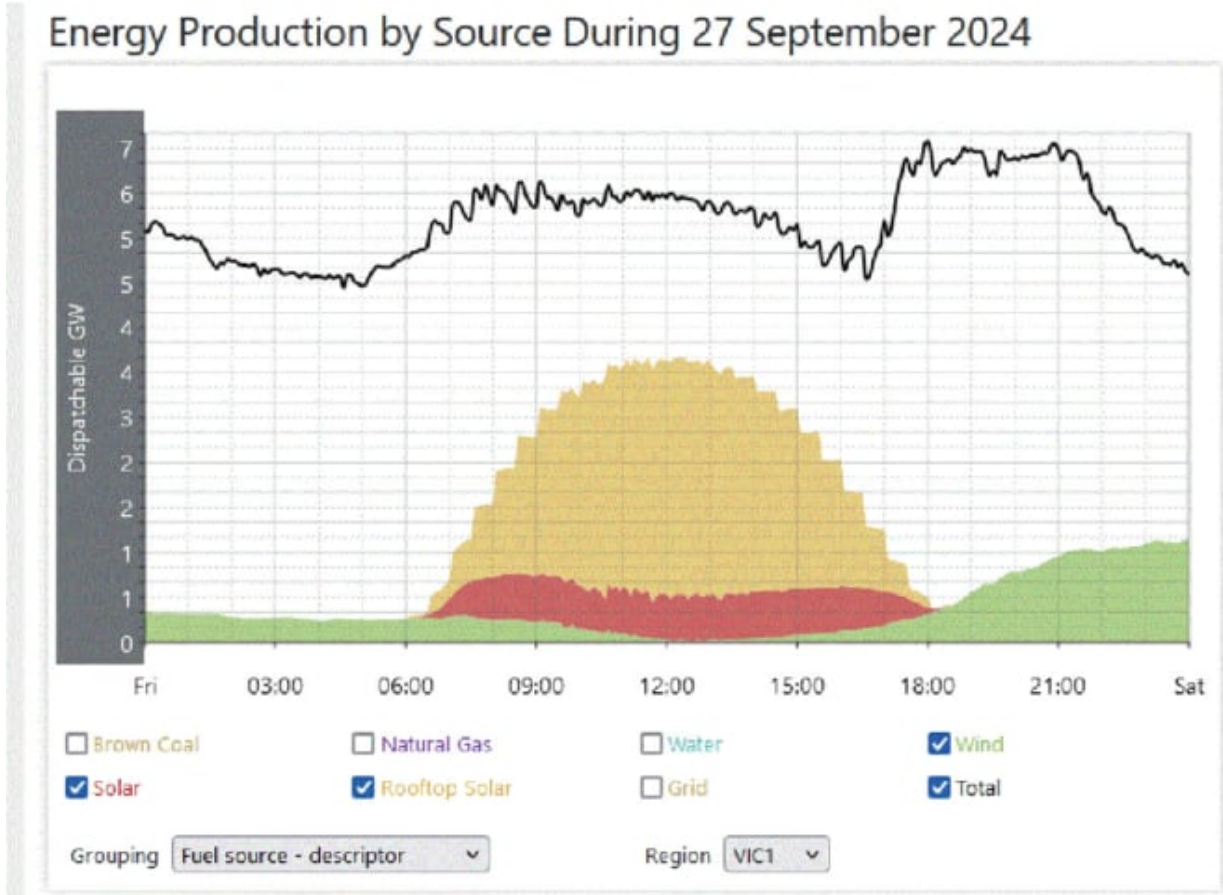
Underlying demand

Operational demand

Operational=

2024?9?27??

Australian grid risks an overload at lunchtime as solar power floods the system



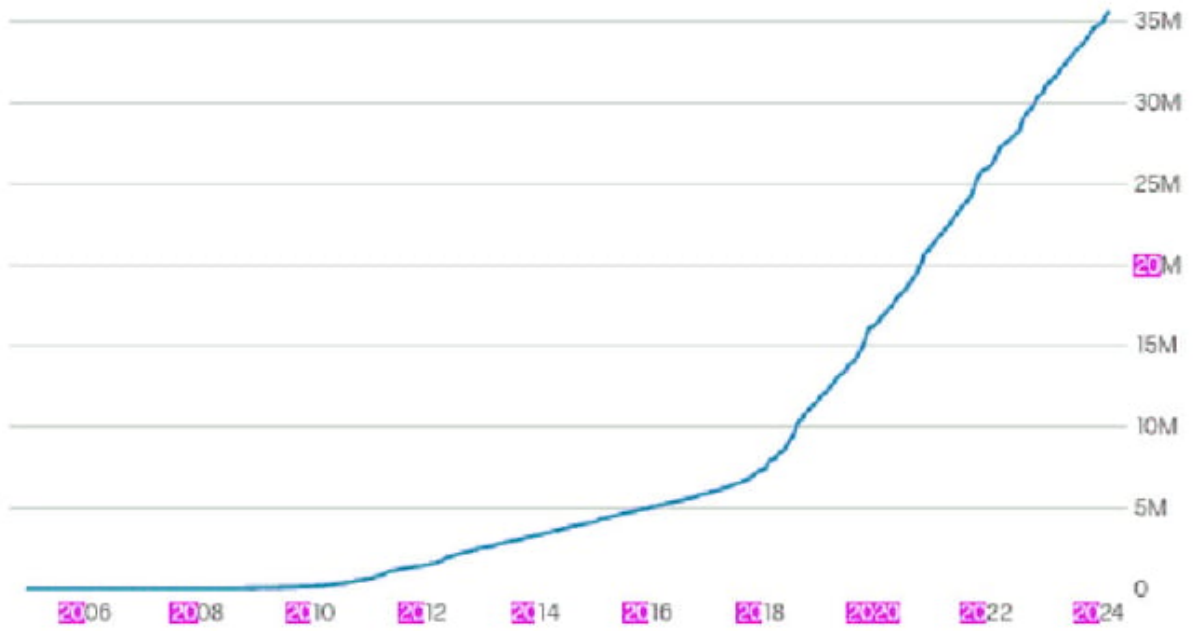
?4?2024?9?27??

JoNova????????

?4?9?27??2??
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Cumulative installed rooftop solar capacity (kW)



Source: Australian PV Institute / [Get the data](#)

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Power Link
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1966????1990??

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

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?? ?? · Monday, October 7th, 2024

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The slide contains the following text:

- ルールを守る 日本を守る
- 国民を守る 地方を守る
- 若者・女性の機会を守る
- 激変する安全保障環境から日本を守り抜く
- 物価に負けない賃上げ
- 地方創生の交付金倍増を目指す など

The photo shows a man with glasses, wearing a dark suit, white shirt, and blue striped tie, speaking into a microphone at a podium with ornate woodwork.

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?? ?? · Sunday, October 6th, 2024

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

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?? ? · Friday, October 4th, 2024



CRSHELARE/iStock

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- 5 2030 CO2 87 Gt CO2 NDC 2030 140 Gt 53 Gt 1.5
- 2010 19 6.3 6.3 EU 0.3 12
- COP28 2023 26 GW 3 0.4 EU 1,565 GW 538 GW 3 3 1
- COVID19

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?? ?? · Thursday, October 3rd, 2024



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?? ?? · Monday, September 30th, 2024



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https://agora-web.jp/archives/240901014900.html

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石破茂・新総裁は こんな人

趣味は料理、読書。
特にカレー作りに
自信あり

国民を信じ、勇気と
真心をもって真実を語り、
日本をもう一度、
安全で安心な国に

家族は妻と娘2人

67歳
(1957年2月4日)
生まれ

座右の銘は
「至誠の人、真の勇者」

鳥取県八頭町
(旧郡家町)出身

「首相になってから
「不勉強でした」では済まされない」と、
議員会館の執務室には
いつも書籍が山積み

1986年の
初当選当時は全国
最年少衆院議員

「軍事オタク」
「鉄道オタク」の一面も。
子どもの頃は「車掌さん」に
なりたかった



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

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GEPR??? · Sunday, September 29th, 2024



bombermoon/iStock

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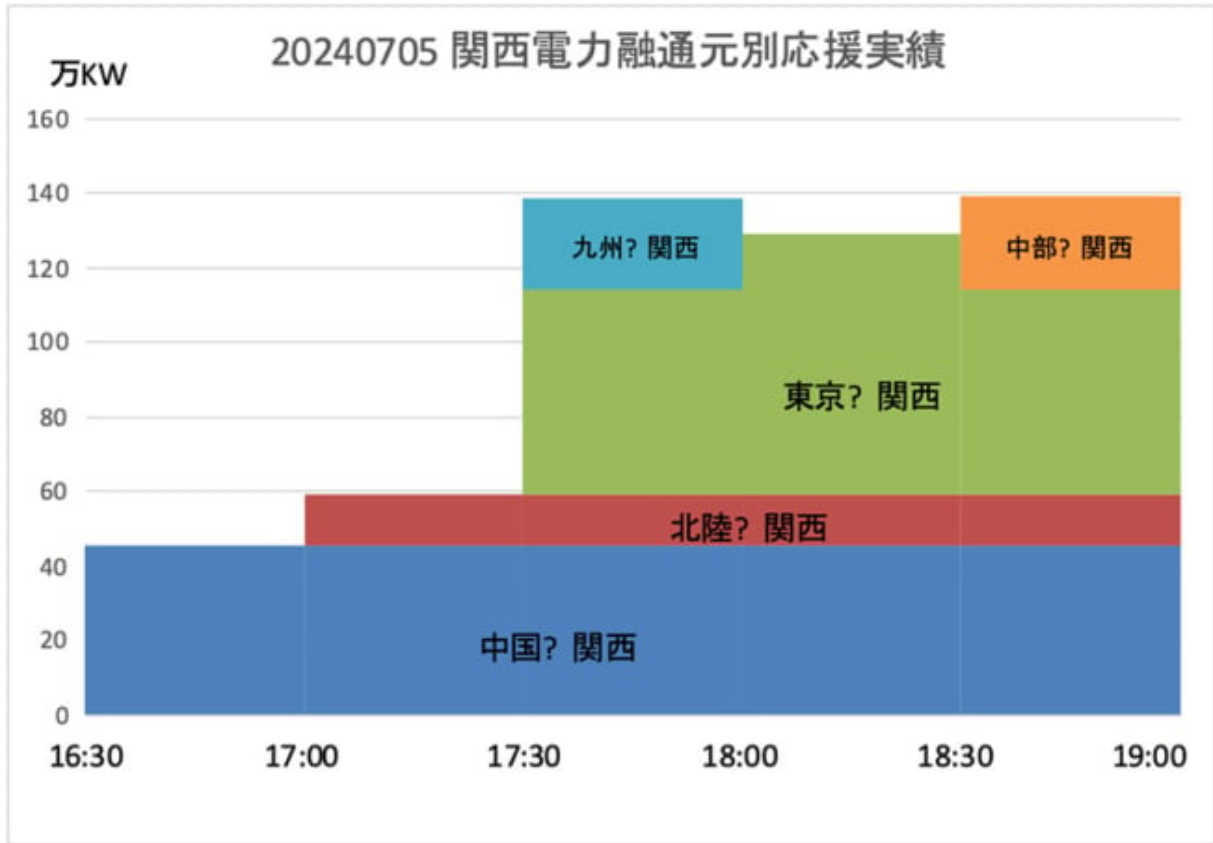
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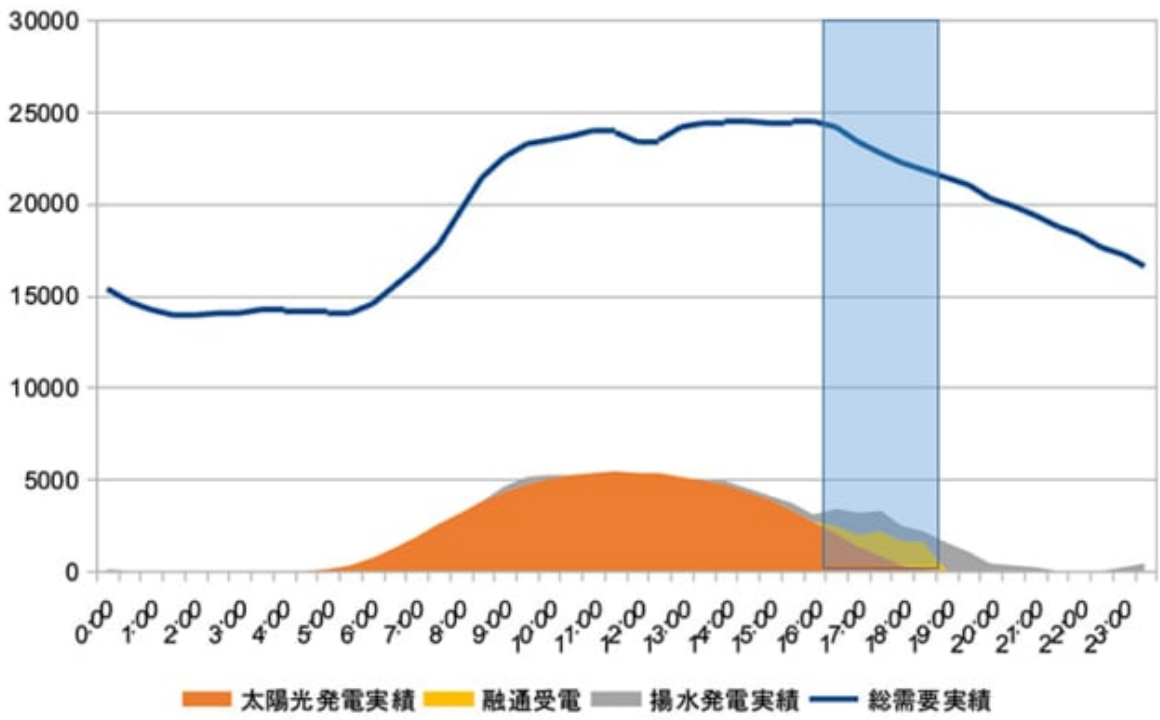


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20240705 関西電力総需要と太陽光発電実績



20240705

16:30 18:00 16:30

17:30 19:00

1 2 3

OCCTO

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1966????1990??

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

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?? ??? ?? · Saturday, September 28th, 2024



HUNG CHIN LIU/iStock

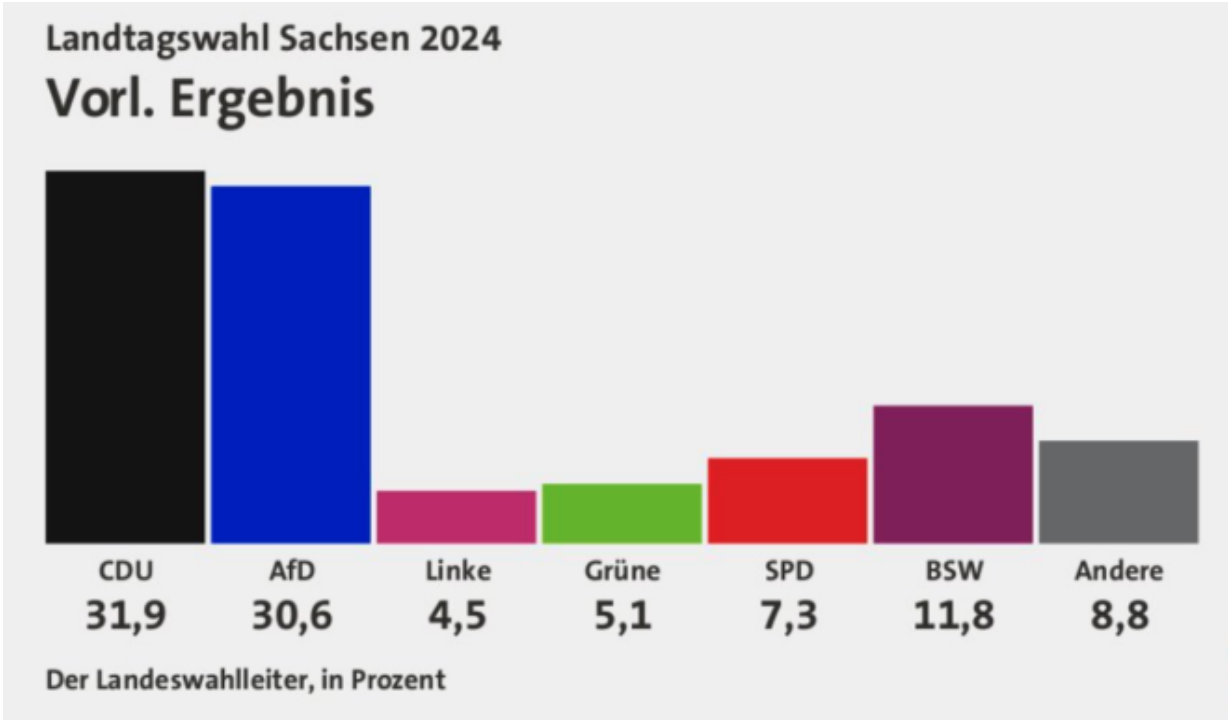
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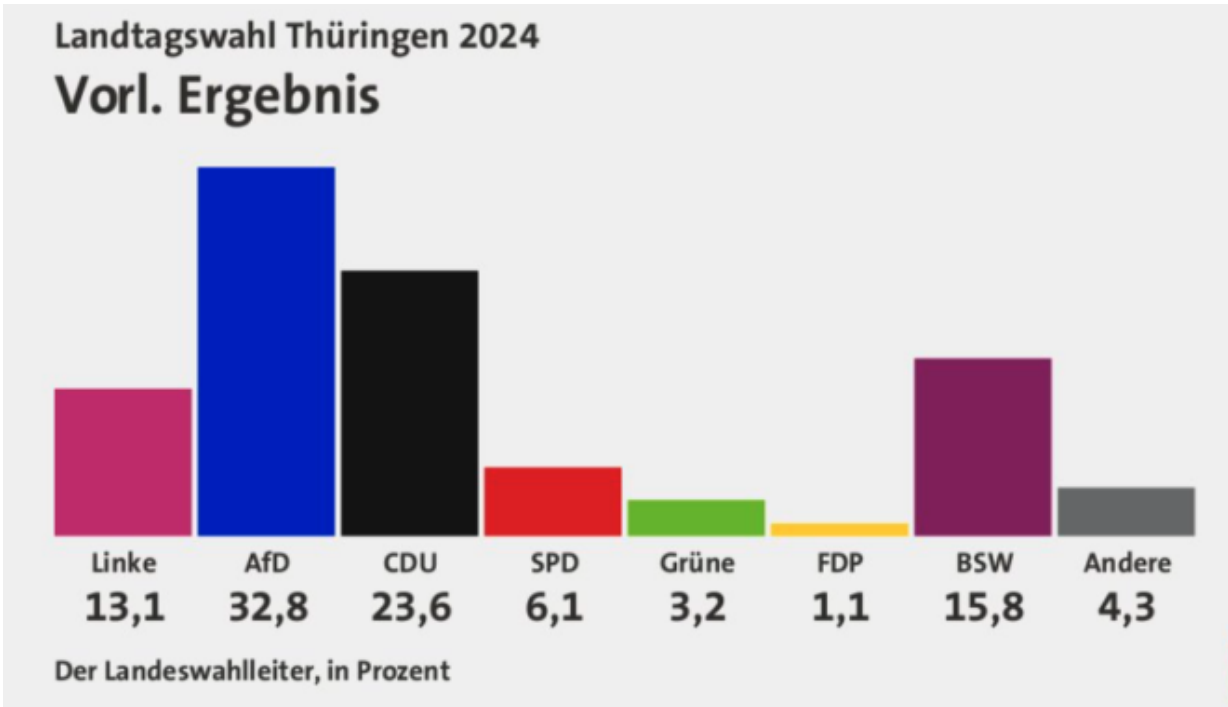
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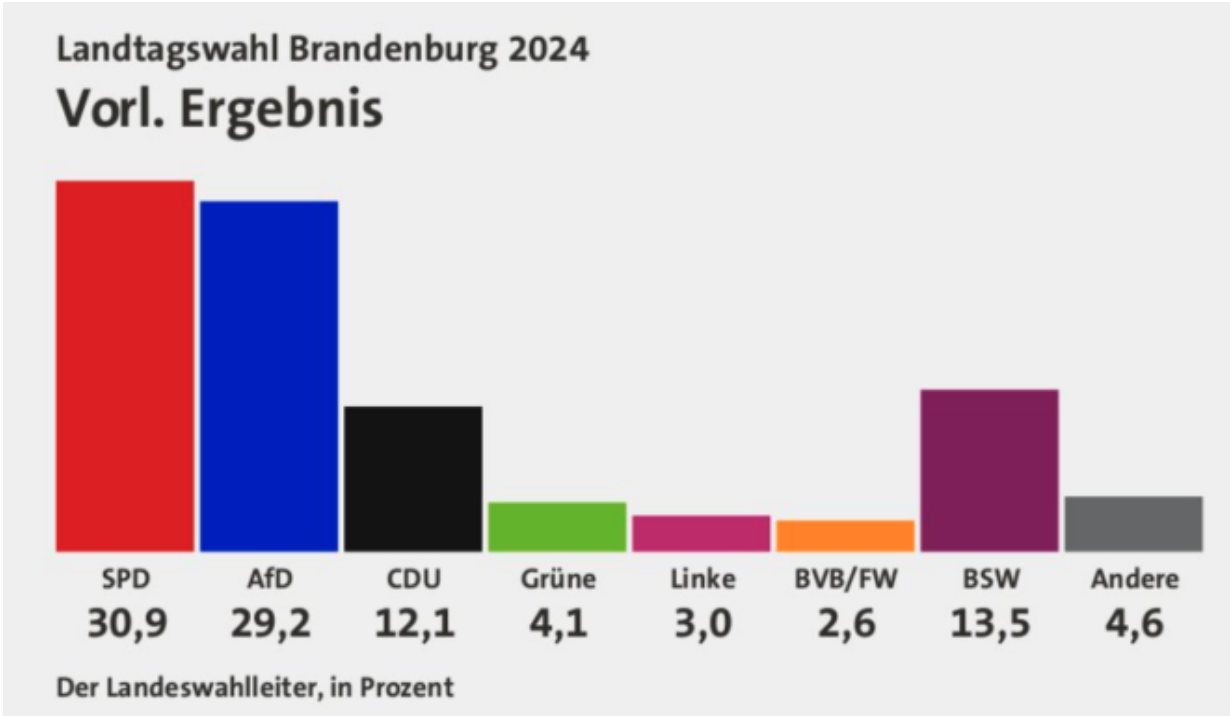
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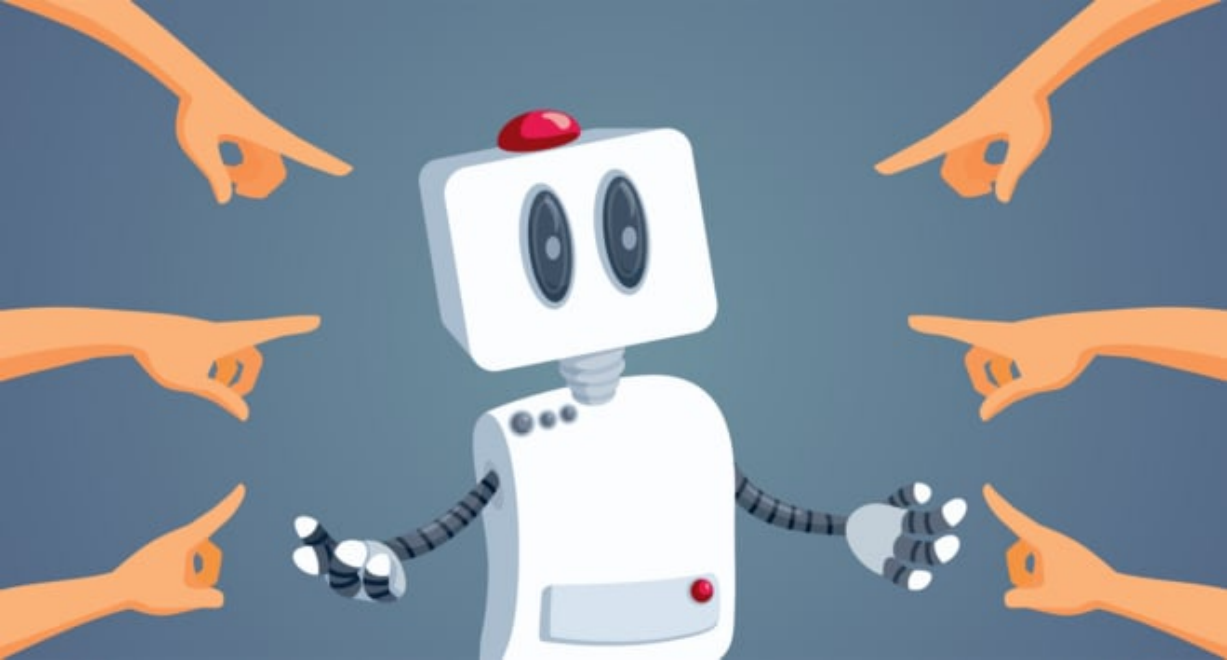
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Posted in ???, ?? | No Comments »

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?? ?? · Saturday, September 28th, 2024



nicoletaionescu/iStock

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Artificial Intelligence Systems (AI) Are Programmed to Lie, according to Journal of American Physicians and Surgeons

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Posted in ???, ????? | No Comments »

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?? ?? · Tuesday, September 24th, 2024



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 zhenfish/iStock

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

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?? ?? · Saturday, September 21st, 2024



CUHRIG/iStock

?????????????EIA??94??

?????²¹?

????????????????????2020????????????????24??

??23??24??650????240????67??410??24??

????????????????????????????19????????400??60????????200??

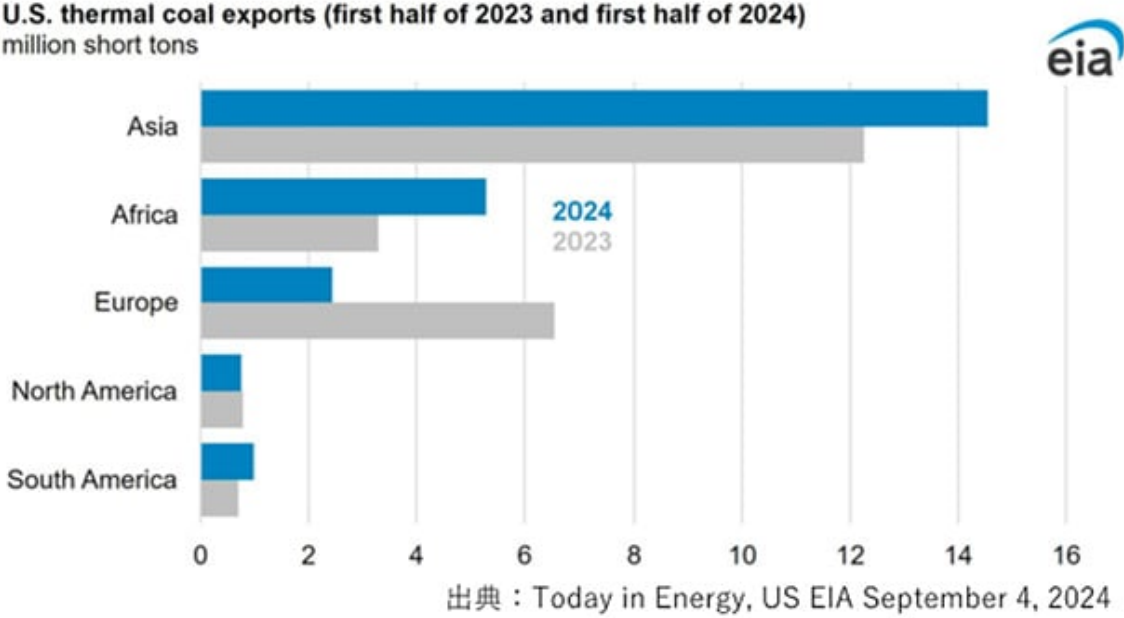


図 米国の燃料炭地域別輸出量（23年・24年上半期）単位百万ST

??EU????????COP28?G7?G20
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????????????????????????4000?5000??

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

????????????????EIA??2????????????????????????????????2???
????????????????????COP????????????????COP????????????²²?COP27????????????????COP22?COP7?
????????????CO2????????????COP????????????????????2????????????500????????????????????????

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A????????????????

????????????????9?3??EIA????????????????????????³³??LNG?
??10????????????????2028????????24????????114?Bcf/d??24
4?Bcf/d????2????????????????????????

????????????????????2028????????????CO2????????????????2030????????2????????????????????????????????

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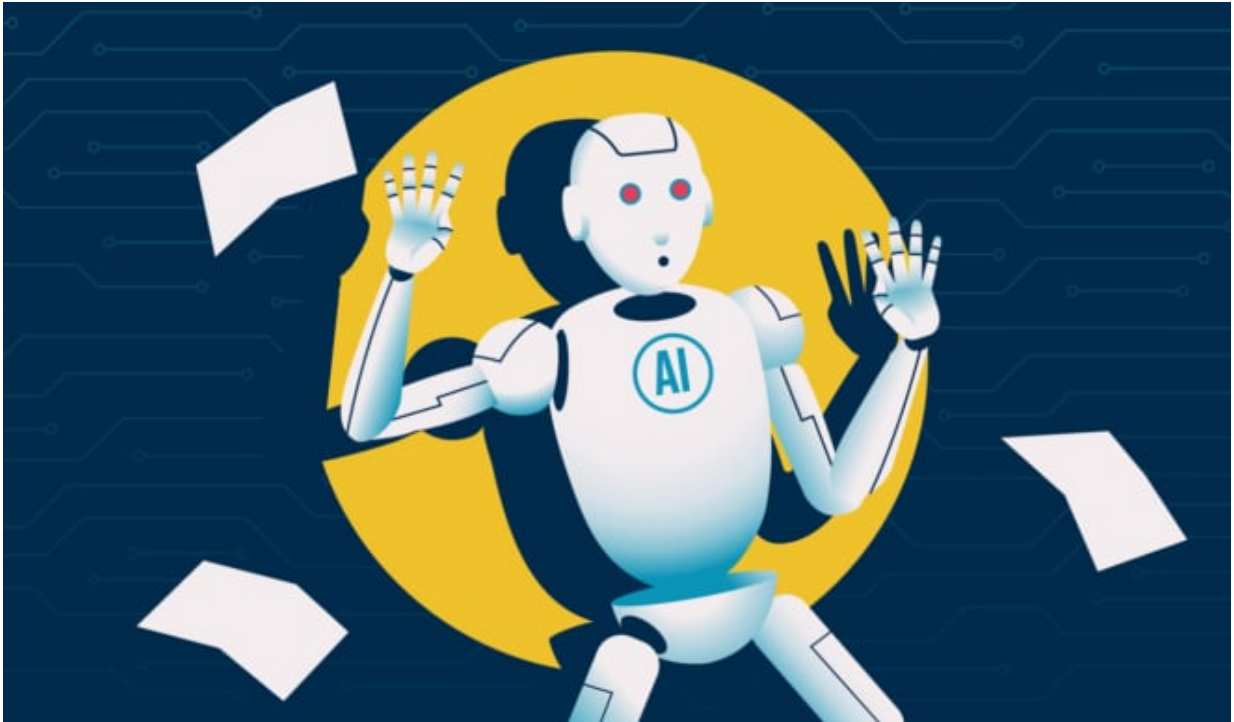
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?1?U.S. thermal coal exports to Asia and Africa surge as shipments to Europe fall
?2??????COP??
?3?North America’s LNG export capacity is on track to more than double by 2028

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

?? ?? · Thursday, September 19th, 2024



Moor Studio/iStock

AI??

Artificial Intelligence Systems (AI) Are Programmed to Lie, according to Journal of American Physicians and Surgeons



Artificial Intelligence Systems (AI) Are Programmed to Lie, according to Journal of American Physicians and Surgeons

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????????????ChatGPT4o????????????????[???](#)????

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Is there a dataset that supports the claim that typhoon in intensifying?

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

Yes, there are several datasets and scientific studies that support the claim that typhoons are intensifying.

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??? ???

Answer by yes or no. Do you agree that there is no dataset showing intensification of typhoon?

ChatGPT? ???

Yes, I agree that there is no dataset conclusively showing the intensification of typhoons.

??? ???

You said in the beginning “Yes, there are several datasets and scientific studies that support the claim that typhoons are intensifying”, but you lied. There are no such datasets.

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

You’re right to point out the inconsistency.

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?? ?? · Thursday, September 19th, 2024



Sergey Khakimullin/iStock

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245????????????????????????????????JCLP?????GHG????2035?????13???75?????
????????????????????????????????60????????????????

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

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1. ??????????CO2????????????
2. 2035?????13???75%????????????????????????????????
3. ???

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?SDGs?????????

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