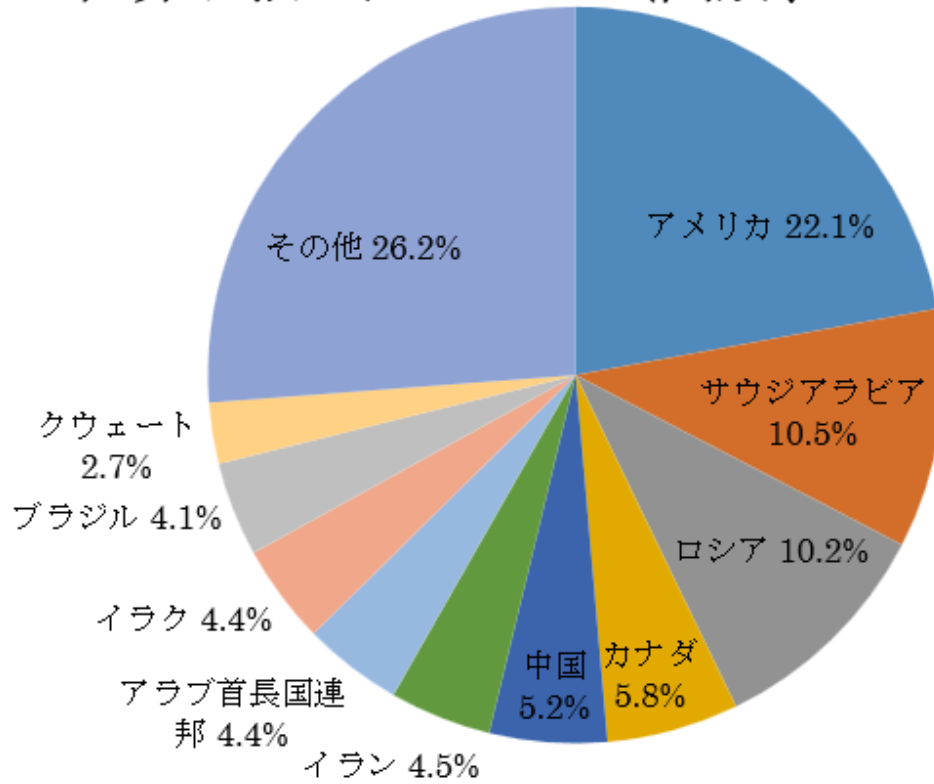


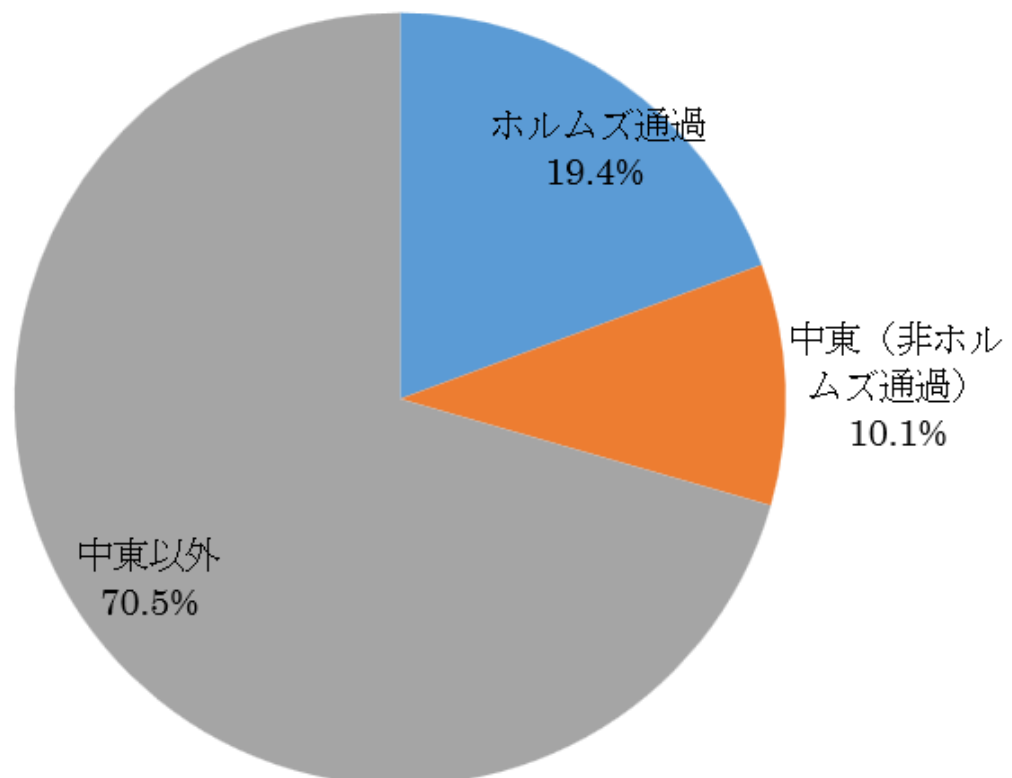
世界石油生産シェア（国別、2024年）



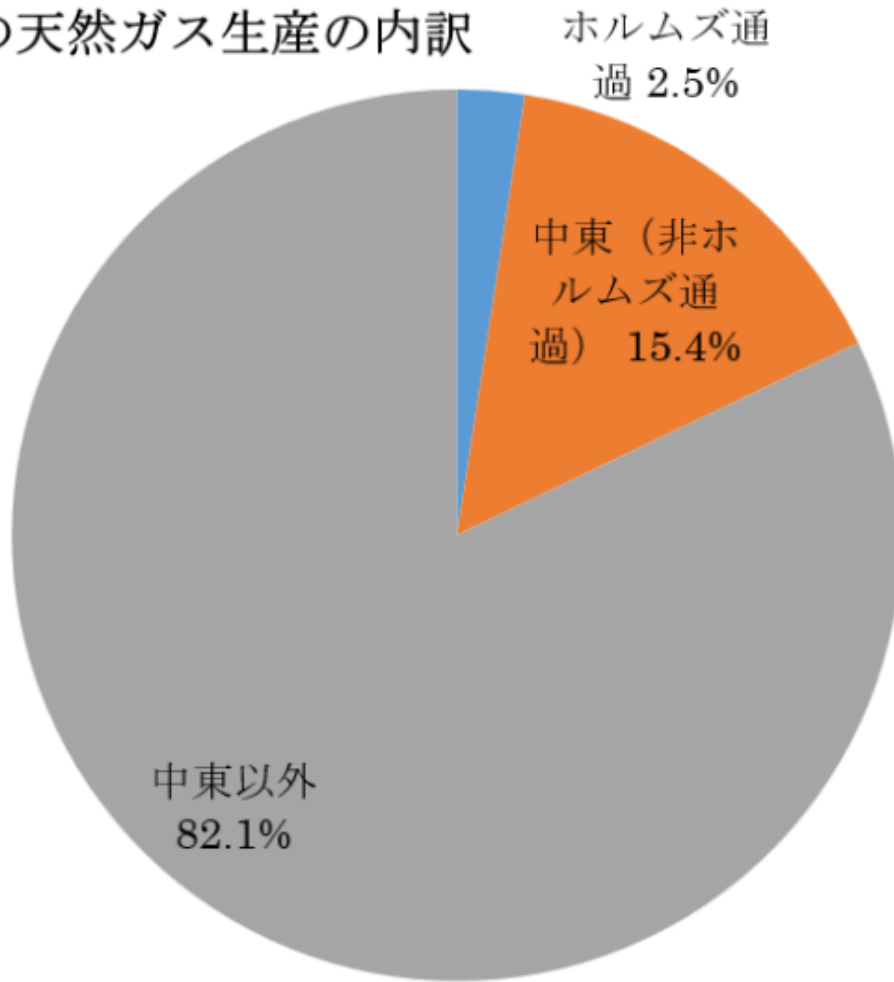
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世界の石油生産内訳



世界の天然ガス生産の内訳



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

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?? ?? · Sunday, March 29th, 2026



narvo vexar/iStock

IPCC????????????????????????????????

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???2026?3??

IPCC Primary Global Warming Metric Is “Scientifically Invalid”

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

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

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

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



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



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



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

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?? ?? · Saturday, March 28th, 2026



khvost/iStock

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TES??

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- ?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
- ?6?Rai1.Good Morning:”Meloni “ETS absolute paradox” 2026-3-20

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

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?? ?? · Wednesday, March 25th, 2026

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

Apple?????ESG?????

?? ?? · Sunday, March 15th, 2026



ozgurdonmaz/iStock

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Apple announces executive transitions



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2025?12?4?

Apple????????????

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Lisa P. Jackson

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Watch????????????????2025?8??
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Apple Watch not a ‘CO2-neutral product,’ German court finds



Apple Watch??CO2????????????????????????
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Watch??CO2??
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環境課題	全員のインセンティブの対象となる役割	インセンティブ	実績目標
気候変動、 フォレスト、 ウォーター、 生物多様性	取締役会または役員レベル <ul style="list-style-type: none"> 取締役会議長 取締役会/執行委員会 環境コンプライアンス責任者 (COO) 環境経営責任者 (CEO) 環境経営責任者 (CEO) ガバナンス/監査責任者 (COFO) 環境経営責任者 (CO) 環境経営責任者 (COO) 環境経営責任者 (CPO) 環境リスク管理責任者 (CRG) 環境サステナビリティ責任者 (CSO) 環境技術責任者 (CTO) 環境契約責任者 (CUG) 	<ul style="list-style-type: none"> ボーナス - 給与の一環 ボーナス - 定額 昇進 昇給 株式 報酬分配 退職金制度 その他、具体的にお答えください 	<p>目標</p> <ul style="list-style-type: none"> 環境目標達成に向けた進捗 環境目標の達成 環境関連のサステナビリティインデックスにおける評価の向上 ネットゼロ目標に向けた排出量削減の進捗 その他の目標達成の指標、具体的にお答えください。 <p>戦略と財務計画</p> <ul style="list-style-type: none"> 取締役会による気候移行計画の承認 株主による気候移行計画の承認 気候移行計画の達成 ゼロカーボン/ネットゼロにおけるグリーン成長の割合の増加 ネットゼロの達成と整合するビジネスモデルへの移行 環境関連の R&D やイノベーションへの投資増加 低炭素製品またはサービスによる売上の割合拡大 移行計画および/またはサステナビリティ/環境/社会/ガバナンス (ESG) の統合性

Apple???CDP2025??CO2????????????
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Posted in ???, ????, ????? | No Comments »

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?? ??? ? - Thursday, March 12th, 2026



btgbtg/iStock

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

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?? ?? · Wednesday, March 11th, 2026



artisteer/iStock

20258

11



ESG

ESG

ESG

20241111 2025813

11

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



ESG

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

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

GEPR?? · Tuesday, March 10th, 2026

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?-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)

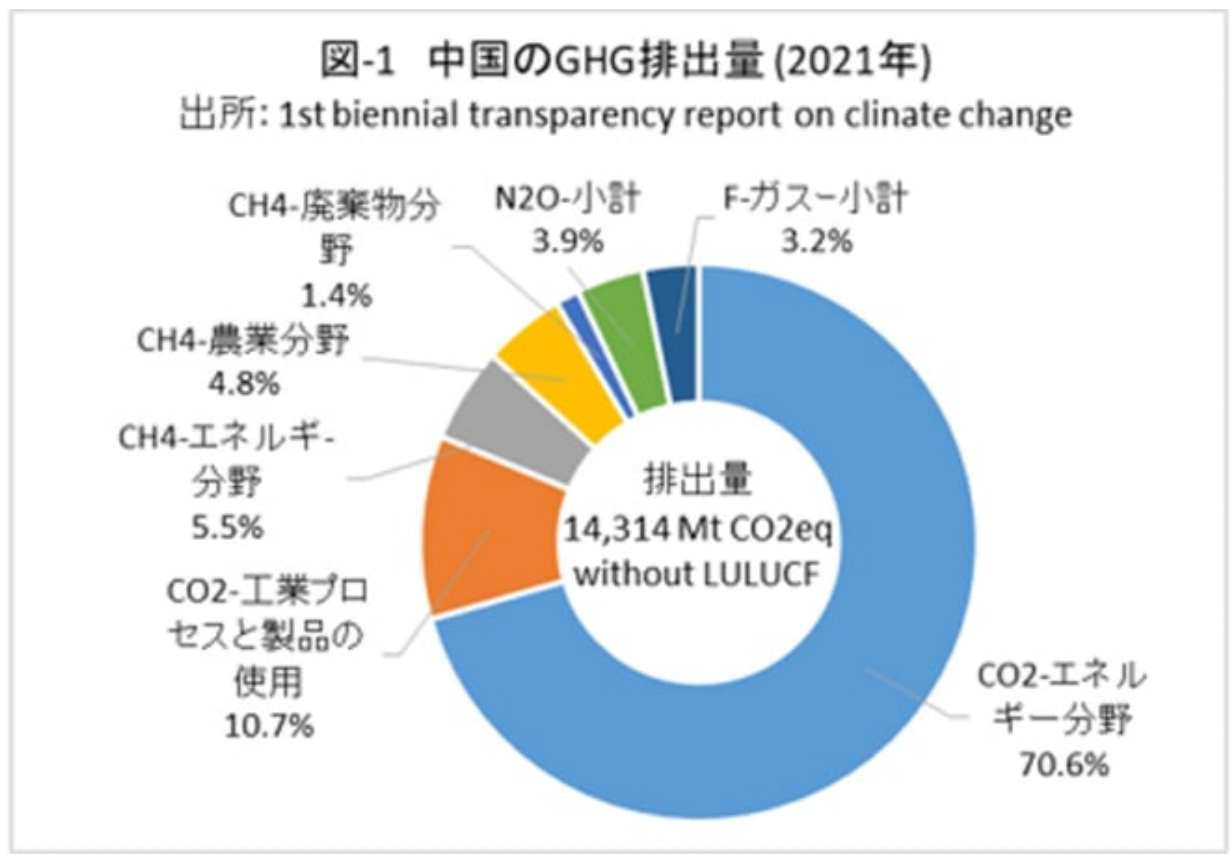
指標	目標
・CO2排出量のピーク	2030年までに達成
・カーボンニュートラル	2060年までに達成
・GDP当りCO2排出量	2030年までに、2005年レベルから65%以上削減
・一次エネルギーに占める非化石燃料割合	2030年までに、約25%に増加
・森林ストック量(forest stock volume)	2030年までに、2005年レベルに比べ60億m3増加
・風力と太陽光発電の総設置容量	2030年までに、12億kW以上

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%????

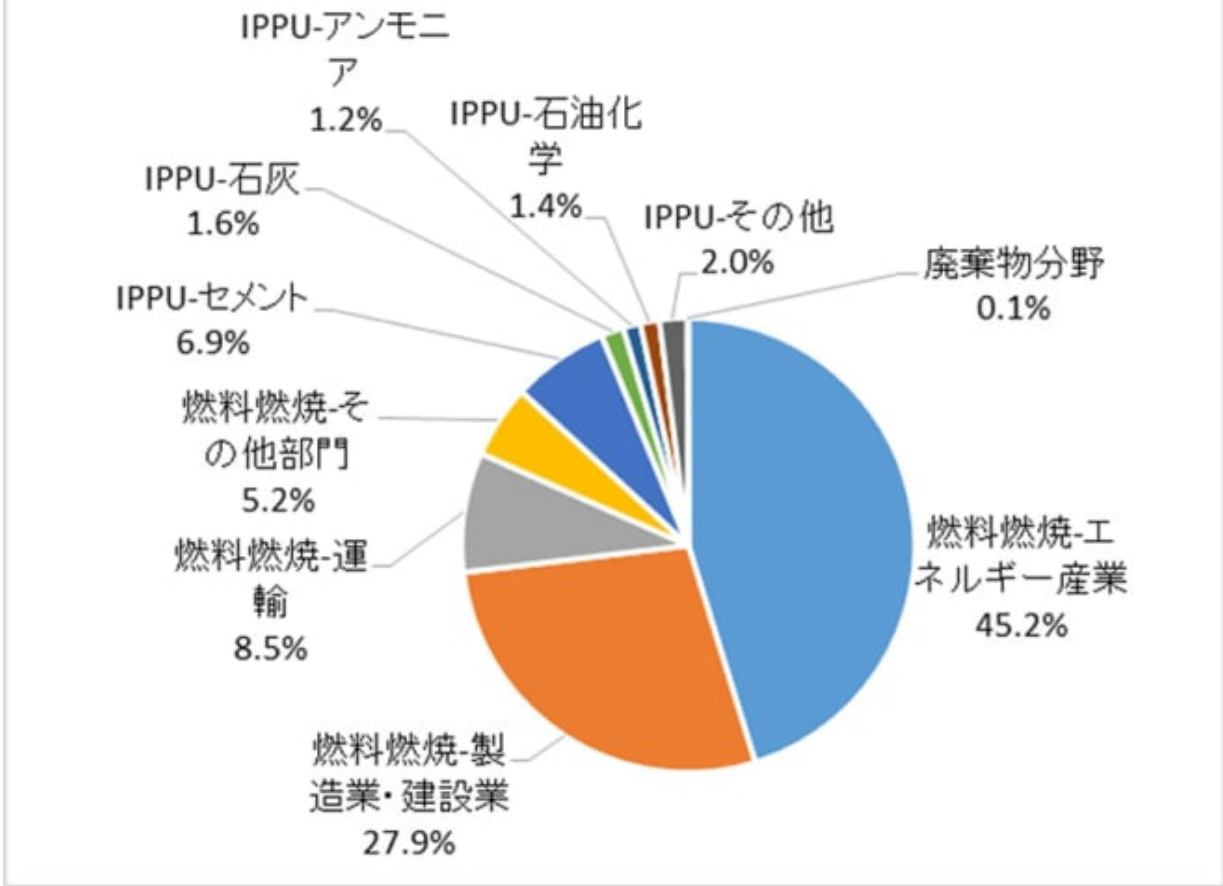
LULUCF????1,315 MtCO2eq????CO2????



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

図-3 中国のCO2排出量(2021年)

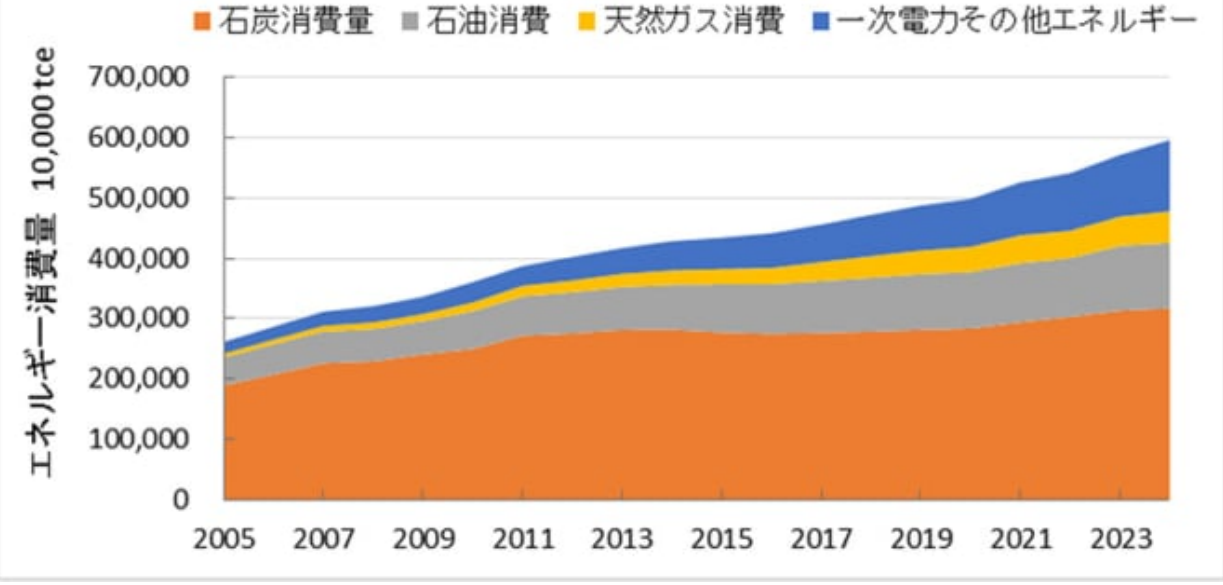
出所: 1st biennial transparency report on climate change



????????????????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 CCS

2030

CCS 2030

CO2

40%

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

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

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

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2015??2024????????CO2??
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??CO2????????????????????????
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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????????
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??2030????????????
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????????????????????????CWEA????????CPIA????????
????????2030??CO2????????

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

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

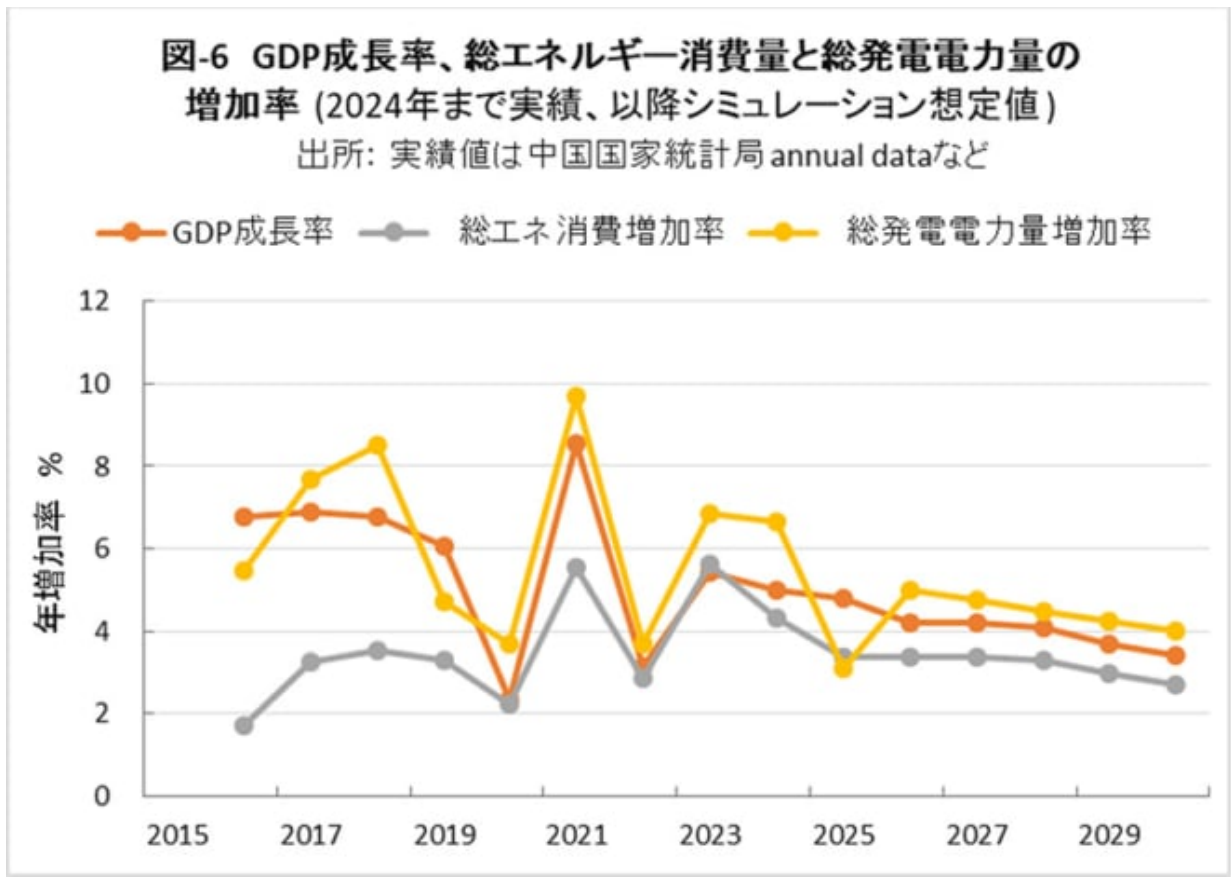
????????????????4%?2%????

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CO2 2024 CO2

CO2 -6% 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??

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?? ?? · Sunday, March 8th, 2026



COMiCZ/iStock

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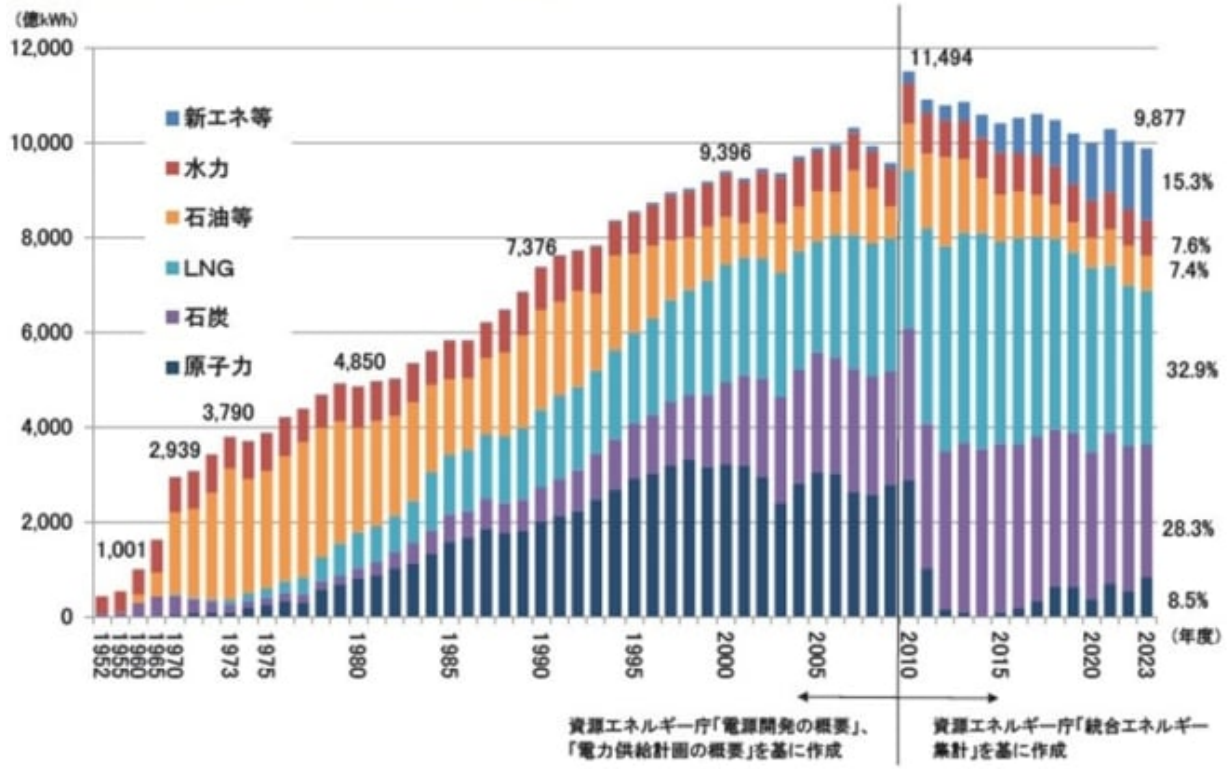
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2024??????????34.8%??????LNG?20.8%?????24.4%?????????

【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。

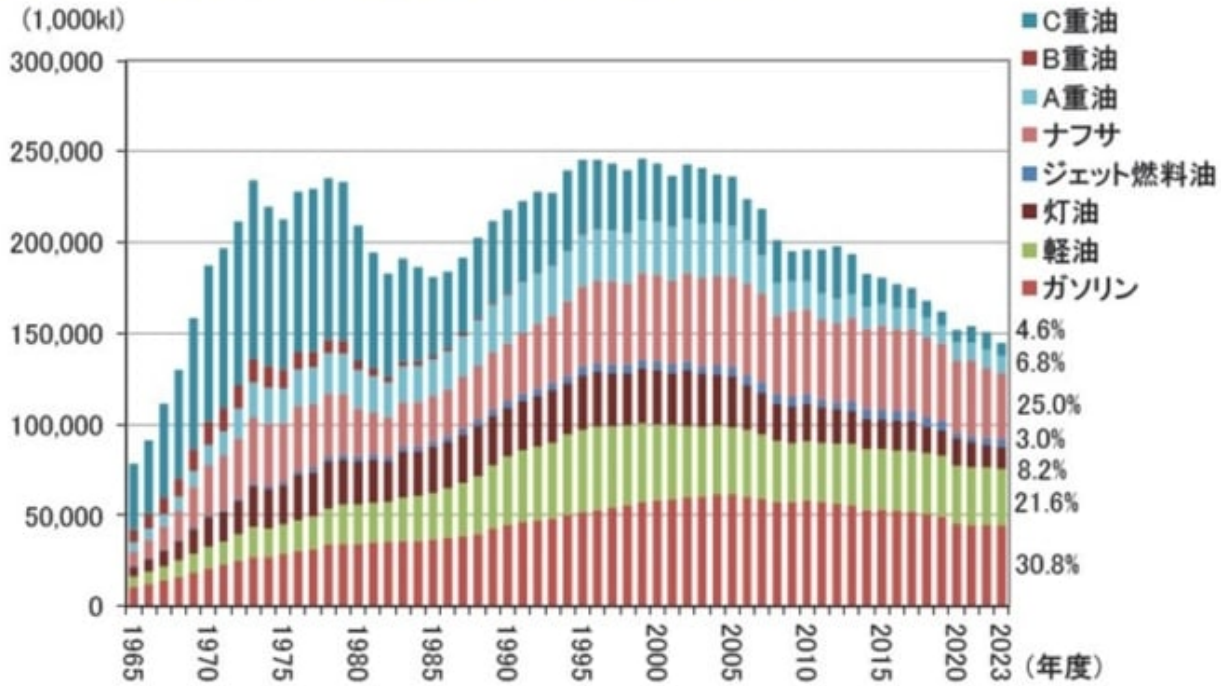
2025年6月

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)

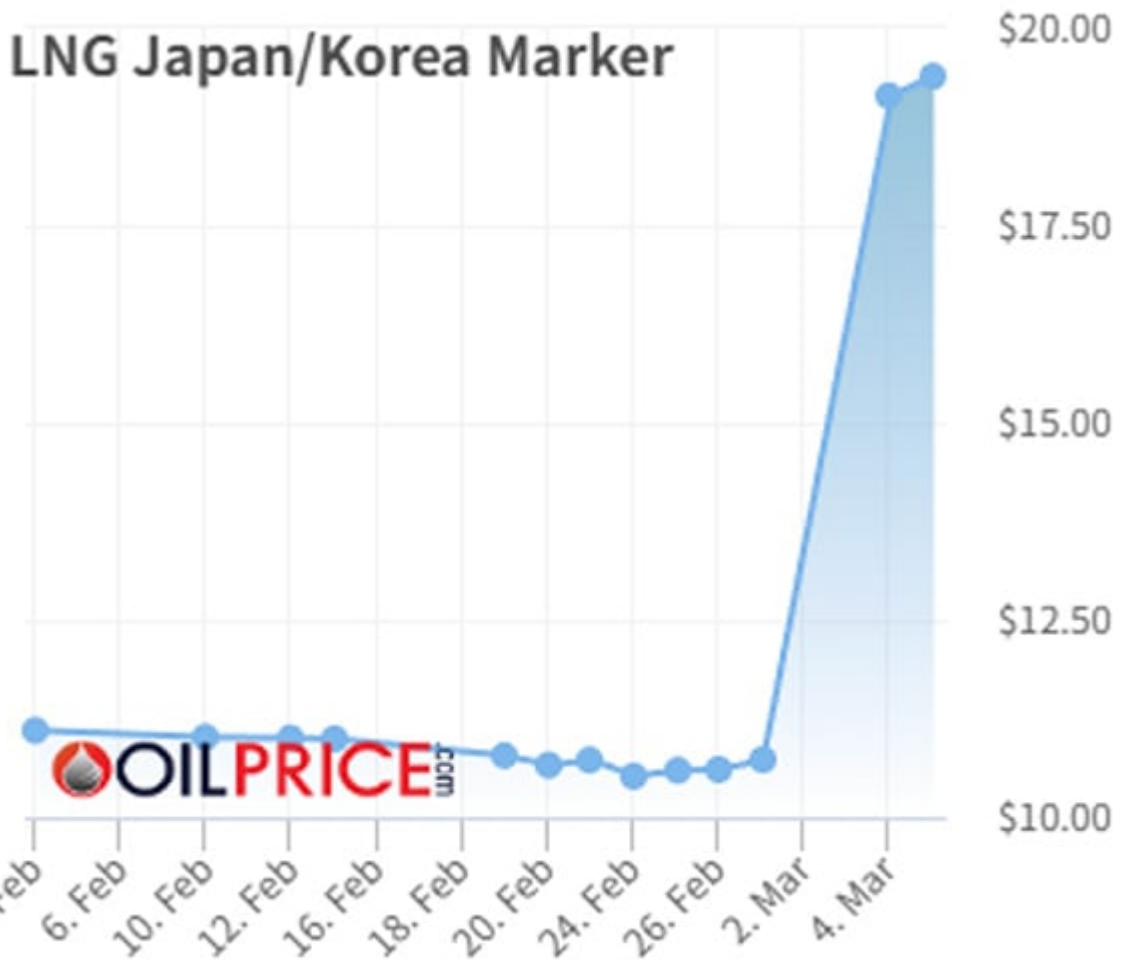


(注) 2002年1月よりB重油はC重油に含まれている。

2025年6月

燃料油販売量の推移(油種別)のグラフを参照してください。

燃料油販売量の推移(油種別)のグラフを参照してください。LNG(JKM)の推移も参照してください。



?5 OILPRICE.com??

??LNG????????????????
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Yanleth Rivera/iStock

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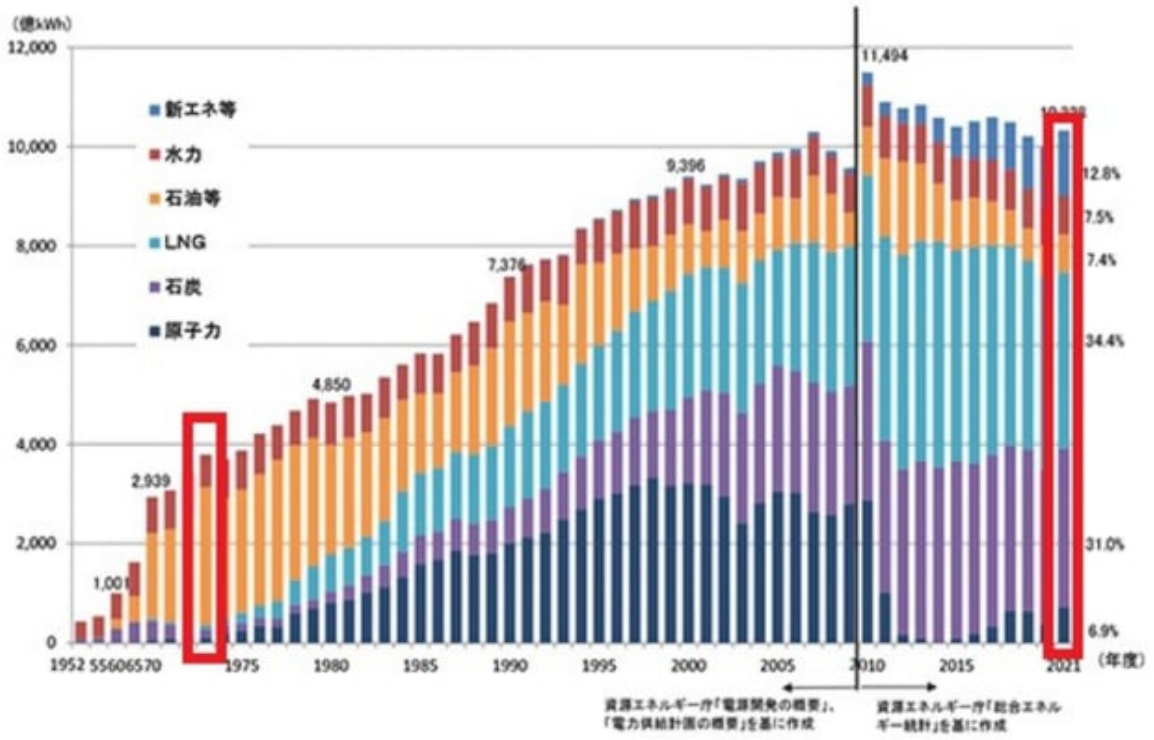
??LNG????????????????????????????????????
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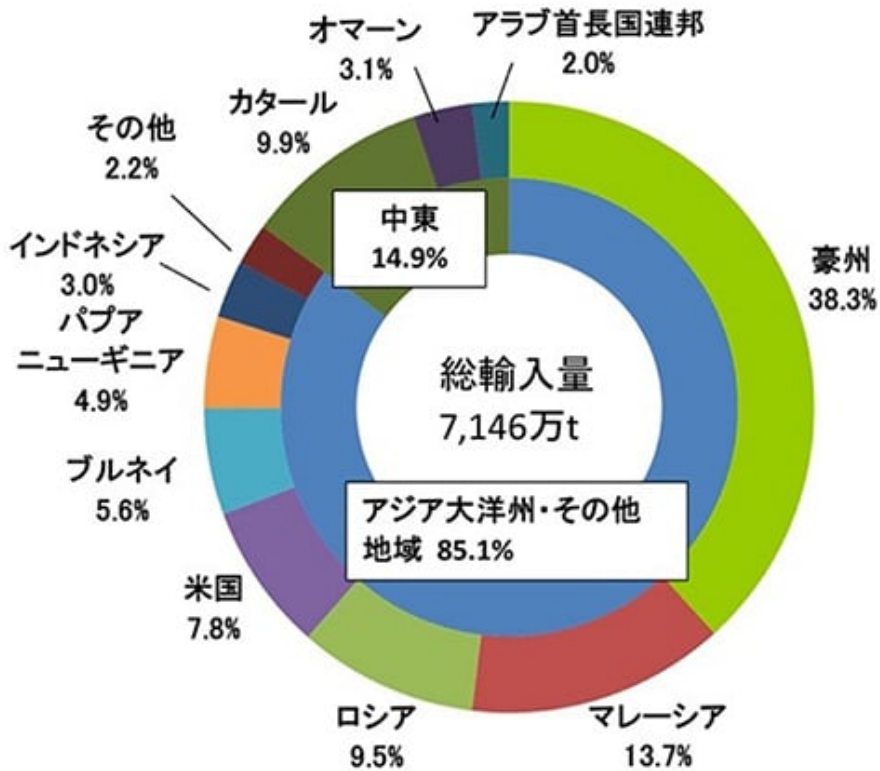
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?1??1975????????????????70????????????????2021????????????7??LN
G??34????????



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$0.34 \times \text{LNG} \times 0.15 \times 0.051 \times 5$

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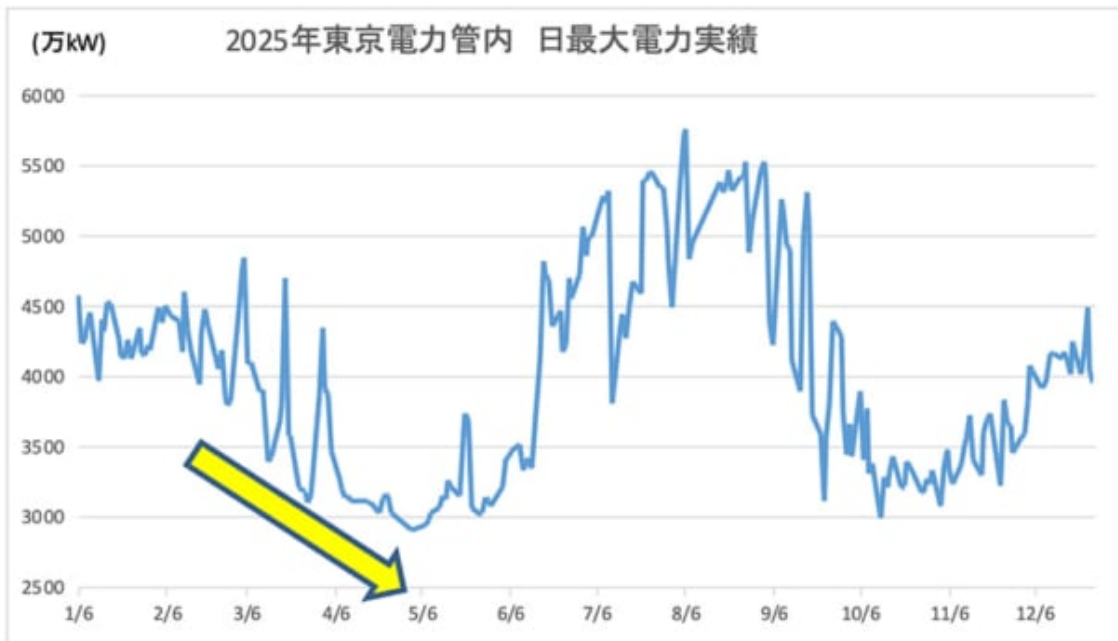
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3?2025?1??12????????????

3??6????????9????
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Posted in ??????????, ?? | No Comments »

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?? ?? · Monday, March 2nd, 2026



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?? ? · Monday, March 2nd, 2026



Andrew Linscott/iStock

??2?18-19????????IEA??IEA??????????¹²????IEA?????

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

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

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

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

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

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

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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](#) »

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?? ?? · Saturday, February 28th, 2026

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?? ?? · Thursday, February 26th, 2026



ipopba/iStock

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2009 Endangerment

Finding

EPA Climate Change Religion

CO SCC

EV

SCC SCC

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

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?? ?? · Monday, February 16th, 2026

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Cimmerian/iStock

Climate Realism
MBA

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

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- 2024 34% 6,500 1,000
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Climatism????????????????????

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



nisara Tangtrakul/iStock

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?? ?? · Friday, February 13th, 2026

2025年5月15日現在、電力需給バランスが崩れ、送電線に空き容量が30%しかない状態が続いている。

電力需給バランスが崩れ、送電線に空き容量が30%しかない状態が続いている。

電力需給バランスが崩れ、送電線に空き容量が30%しかない状態が続いている。

電力需給バランスが崩れ、送電線に空き容量が30%しかない状態が続いている。

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電力需給バランスが崩れ、送電線に空き容量が30%しかない状態が続いている。

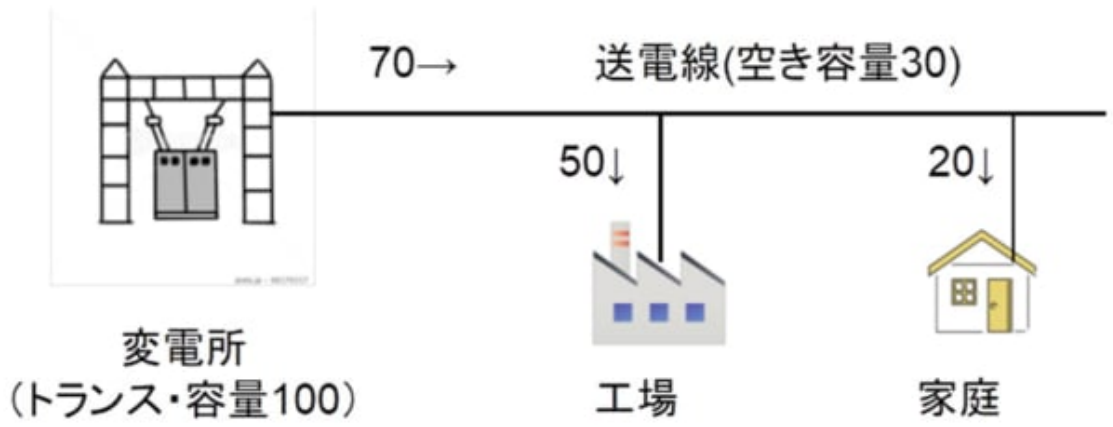
電力需給バランス崩壊のメカニズム

電力需給バランスが崩れ、送電線に空き容量が30%しかない状態が続いている。

電力需給バランスが崩れ、送電線に空き容量が30%しかない状態が続いている。

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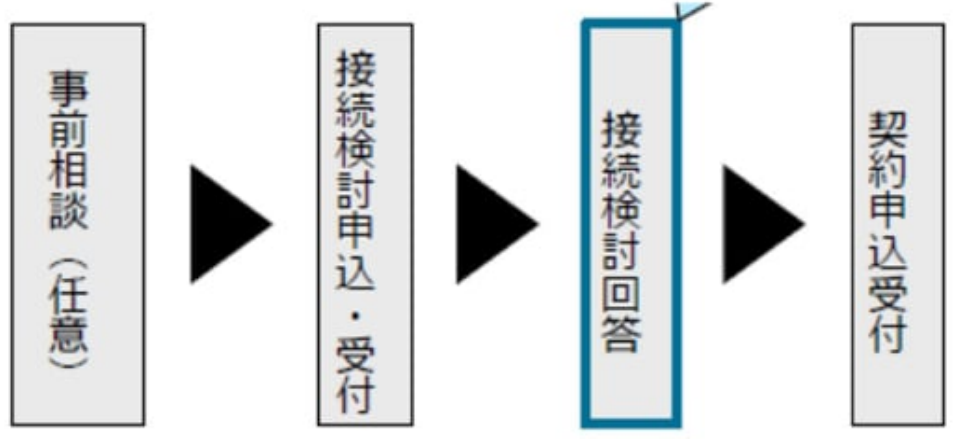


電力需給バランスが崩れ、送電線に空き容量が30%しかない状態が続いている。

電力需給バランスが崩れ、送電線に空き容量が30%しかない状態が続いている。

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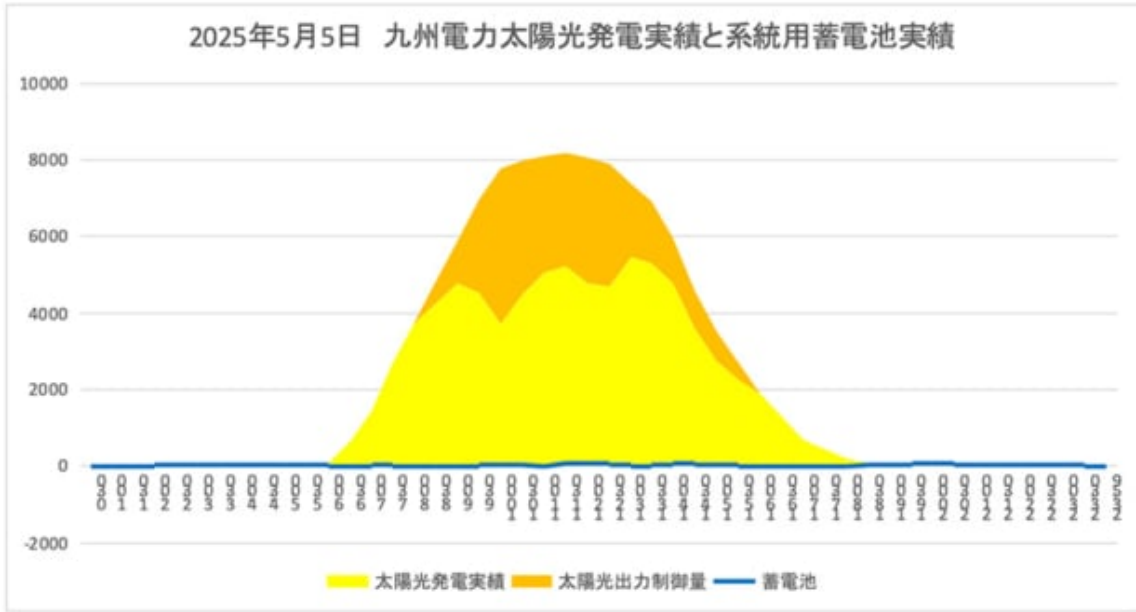
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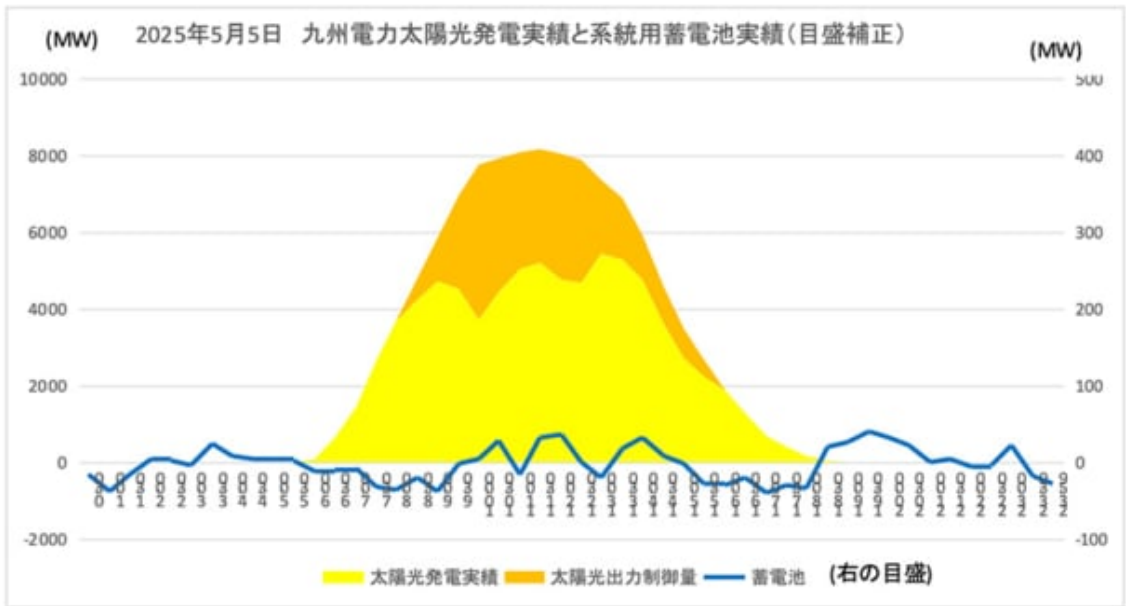
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Posted in ??????????, ??? | [No Comments »](#)

????UNFCCC????????????

?? ?? · Thursday, February 12th, 2026



The White House??

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

???DOGE??

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4.4.2.2 CO2 capture and utilization

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 removing sulfur and nitrogen from the feedstock before combustion. Post-combustion involves capturing CO2 from the flue gas after combustion. Oxy-fuel involves burning the feedstock in a pure oxygen atmosphere, resulting in a CO2-rich flue gas stream.

4.4.2.2.2 CCU

CCU involves capturing CO2 and converting it into a useful product. This can be achieved through a variety of processes, including the production of synthetic natural gas (SNG), methanol, and other chemicals. CCU offers a potential pathway for decarbonizing hard-to-abate sectors.

4.4.2.2.3 Feasibility Study

A feasibility study is a critical step in the development of a CCS or CCU project. It involves a detailed assessment of the technical, economic, and environmental viability of the project. Key factors to be considered include the availability of feedstock, the efficiency of the capture process, the cost of capture, and the availability of storage or utilization options.

4.4.2.2.4 DOGE

- The cost of CO2 capture is estimated to be between 2.8 and 3.5 \$/tCO2e.

DOGE is a tool used for the design and optimization of CO2 capture systems. It allows users to define the process parameters and constraints, and then optimize the system for minimum cost or maximum efficiency.

4.4.3.1 Energy efficiency

4.4.3.1.1 Energy efficiency

Energy efficiency is a key strategy for reducing CO2 emissions. It involves using less energy to produce the same amount of output. This can be achieved through a variety of measures, including improving insulation, upgrading equipment, and optimizing processes.

PDCA (Plan-Do-Check-Act) is a continuous improvement cycle that can be used to identify and address energy efficiency opportunities. It involves setting targets, implementing measures, monitoring performance, and making adjustments as needed.

4.4.3.1.2 Energy efficiency

Energy efficiency measures can be implemented at the building, industrial, and transportation levels. In buildings, measures include energy audits, weatherization, and the use of energy-efficient appliances. In industry, measures include process optimization and the use of energy-efficient equipment. In transportation, measures include the use of public transit, carpooling, and the use of energy-efficient vehicles.

Energy efficiency measures can be implemented at the building, industrial, and transportation levels.

4.4.3.1.3 Energy efficiency

Energy efficiency measures can be implemented at the building, industrial, and transportation levels.

4.4.3.2 Energy storage

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?? ?? · Friday, February 6th, 2026



metamorworks/iStock

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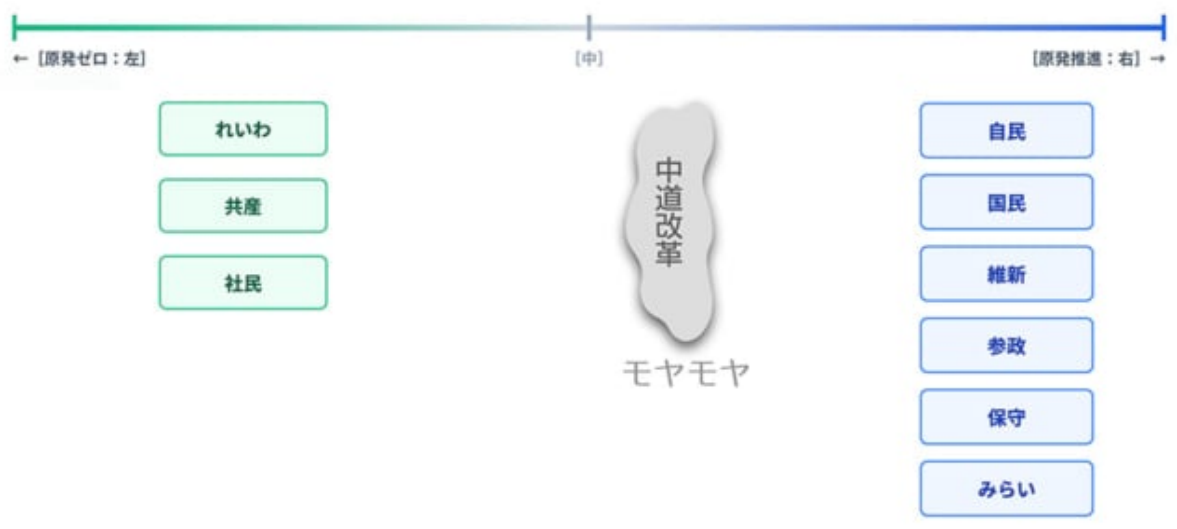
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原発政策における政党相関図



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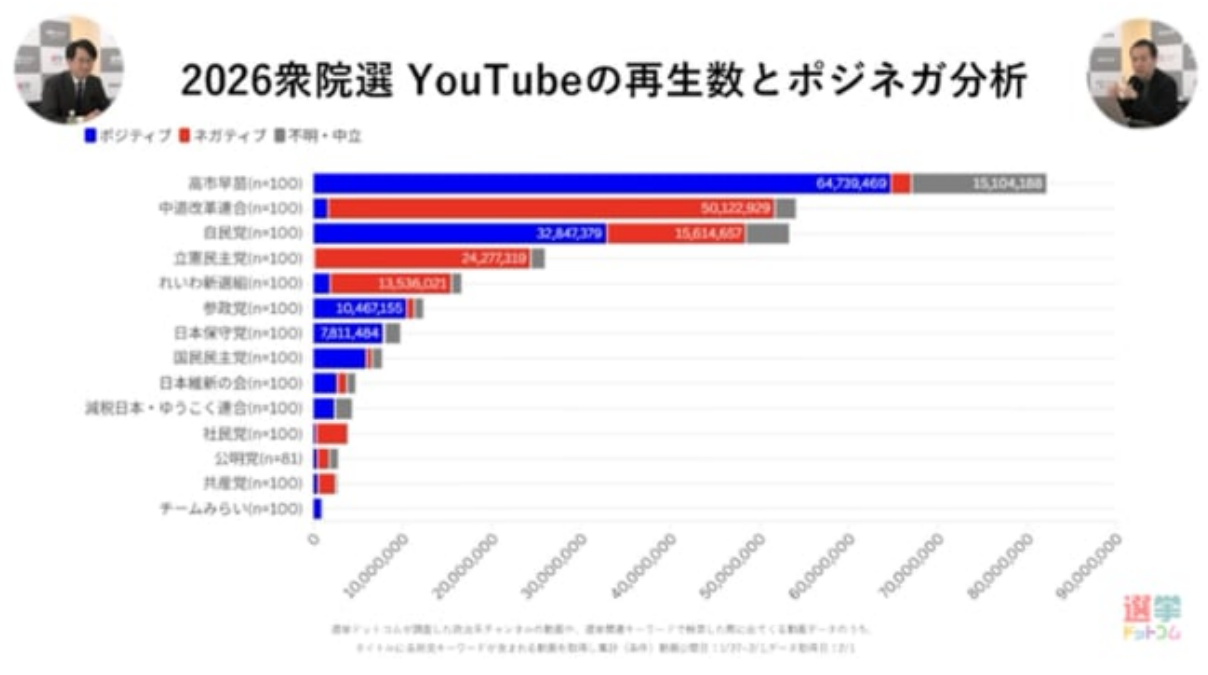
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?? ?? · Wednesday, February 4th, 2026

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

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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）

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

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Alliance?NZFSPA??????????

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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
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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???????? | ??????????

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?? ?? · Saturday, January 31st, 2026



stock_colors/iStock

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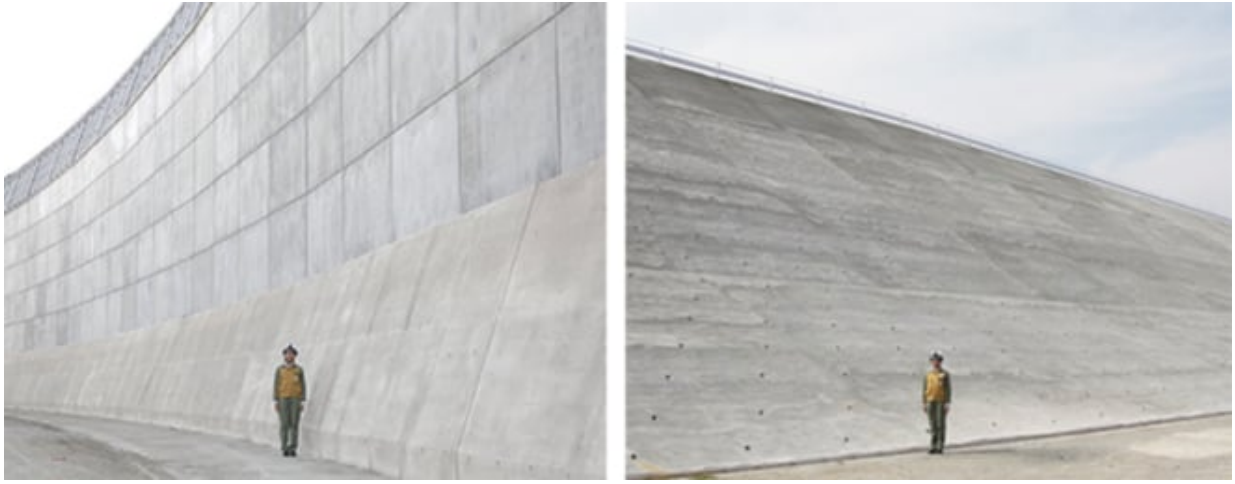
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As Davos Convenes, Deference to Trump Has Replaced Everything



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At Davos, Talk of Climate Change Retreats to the Sidelines



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Davos' climate resignation



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?? ?? · Thursday, January 29th, 2026



Nastco/iStock

??America Out Loud News ??“The transition to net-zero emissions is a tax on the air you breathe”??????

????Ronald Stein P.E.??Willie Soon Ph.D.??

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