Global Energy Policy Research | GEPR

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?? ?? · Monday, July 13th, 2026

Yuliya Taba/iStock

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分野・対策の種類	件数	寿命１年延長当たり費用の中央値	医療を１とした倍率
医療	310	１万 9,000 ドル	1
事故・傷害防止	133	４万 8,000 ドル	2.5 倍
有害物質管理全般	144	280 万ドル	**147 倍**
環境部門の有害物質管理	124	420 万ドル	**221 倍**

?A???????1????????
??????????????????????????????????????144??????????????1993????????????

???Tengs et al.?1995?, Table I[?1?]?

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??????????????280????????????420????????????????????150???221?????

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規制機関	主な対象	件数	寿命１年延長当たり費用の中央値	FAA を１とした倍率
FAA	航空安全	4	２万 3,000 ドル	1
CPSC	消費者製品安全	11	６万 8,000 ドル	3.0 倍
NHTSA	自動車・道路交通	31	７万 8,000 ドル	3.4 倍
OSHA	職場の安全衛生	16	８万 8,000 ドル	3.8 倍
EPA	環境・化学物質	89	**760 万ドル**	**330 倍**

?B?????????1????????
???????FAA???????CPSC????????????NHTSA?????????OSHA?????????EPA???????????????

???Tengs et al.?1995?[?1?]?

EPA??????????????1????760????????????????330??????????????112????????????97??????????
?86?????

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対策	寿命 1 年延長当たり費用	シートベルト着用義務を 1 とした倍率
喫煙する妊婦への禁煙助言	0 ドル以下（費用節約）	–
シートベルト着用義務	69 ドル	1
飲料水の塩素消毒	3,100 ドル	約 45 倍
住宅用煙感知器の設置（一つの推計）	21 万ドル	約 3,000 倍
原子力発電所の放射線排出基準（一つの推計）	**1 億ドル**	**約 145 万倍**

?C??????????1????????
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???Tengs et al.?1995?, Appendix A[?1?]?

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区分	原表における平均的な日常曝露	評価対象物質と推定摂取量	HERP
天然化学物質	コーヒー13.3g（約 3 杯）	カフェ酸 23.9mg	**0.1%**
	レタス 14.9g（約 67 分の 1 個）	カフェ酸 7.90mg	**0.04%**
	香辛料中のサフロール	サフロール 1.2mg	**0.03%**
	オレンジジュース 138mL	d-リモネン 4.28mg	**0.03%**
	黒コショウ 446mg	d-リモネン 3.57mg	**0.03%**
	マッシュルーム 2.55g	ヒドラジン類の混合物	**0.02%**
	リンゴ 32.0g（約 17 分の 1 個）	カフェ酸 3.40mg	**0.02%**
合成農薬残留物	DDT の平均的食事曝露（1972 年禁止前）	DDT 13.8μg	0.002%
	EDB の平均的食事曝露（1984 年禁止前）	EDB 420ng	0.0004%
	カーバリルの平均的食事曝露（1990 年）	カーバリル 2.6μg	0.0003%
	DDE／DDT の平均的食事曝露（1990 年）	DDE 659ng	0.00008%
	ジコホルの平均的食事曝露（1990 年）	ジコホル 544ng	0.00002%
	クロロベンジレートの平均的食事曝露（1989 年）	クロロベンジレート 6.4ng	0.0000001%
	キャプタンの平均的食事曝露（1990 年）	キャプタン 11.5ng	0.000000006%

?D??????????????HERP??
?????Table 3????????????????????????????????

???Gold et al.?1992?, Table 3[???]?

??????????????HERP??????DDT????50??????????????????1,700??????

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?1?Tengs, T. O., Adams, M. E., Pliskin, J. S., Safran, D. G., Siegel, J. E., Weinstein, M. C., and Graham, J. D. (1995), "*Five-Hundred Life-Saving Interventions and Their Cost-Effectiveness*," Risk Analysis, 15(3), pp. 369–390. ?DOI???PDF?

?2?Gold, L. S., Slone, T. H., Stern, B. R., Manley, N. B., and Ames, B. N. (1992), "*Rodent Carcinogens: Setting Priorities*," Science, 258(5080), pp. 261–265. ?DOI???PDF?

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?? ?? · Sunday, July 12th, 2026

asbe/iStock

6?29?????????45%??

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???????2015??????????????ESG??????????????????ESG?????2021???????????????

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???45%??????????ESG??45%?????????????????????????ESG??

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> ???????19????????2025?10??

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?? ?? · Saturday, July 11th, 2026

2026?6?????????????????????UNFCCC???????11???????????????????COP31???????????????

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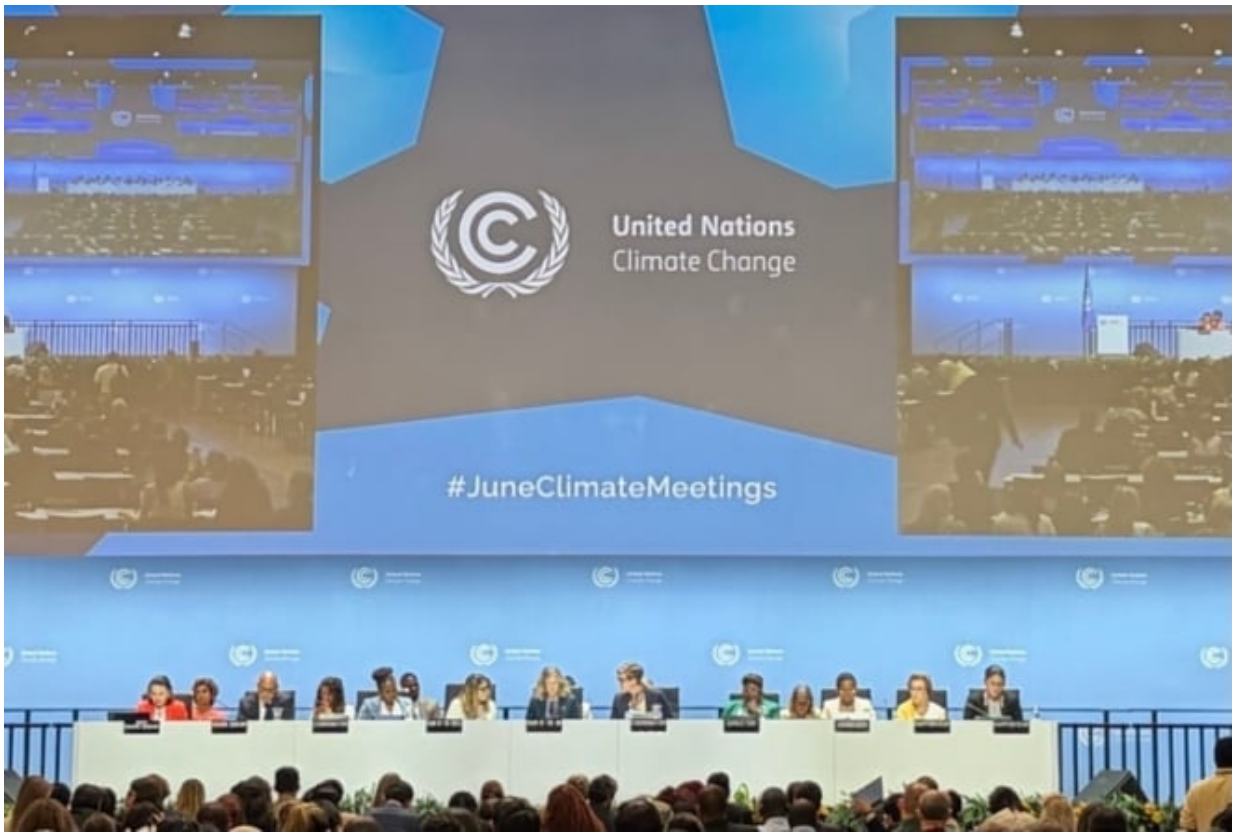

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EU??COP31???????
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?1.5?????????

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EU??1.
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??29??2017??4?7??2020?10?26???**2050???????????**????????????????????????????????????

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

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?? ?? · Wednesday, July 8th, 2026

narvikk/iStock

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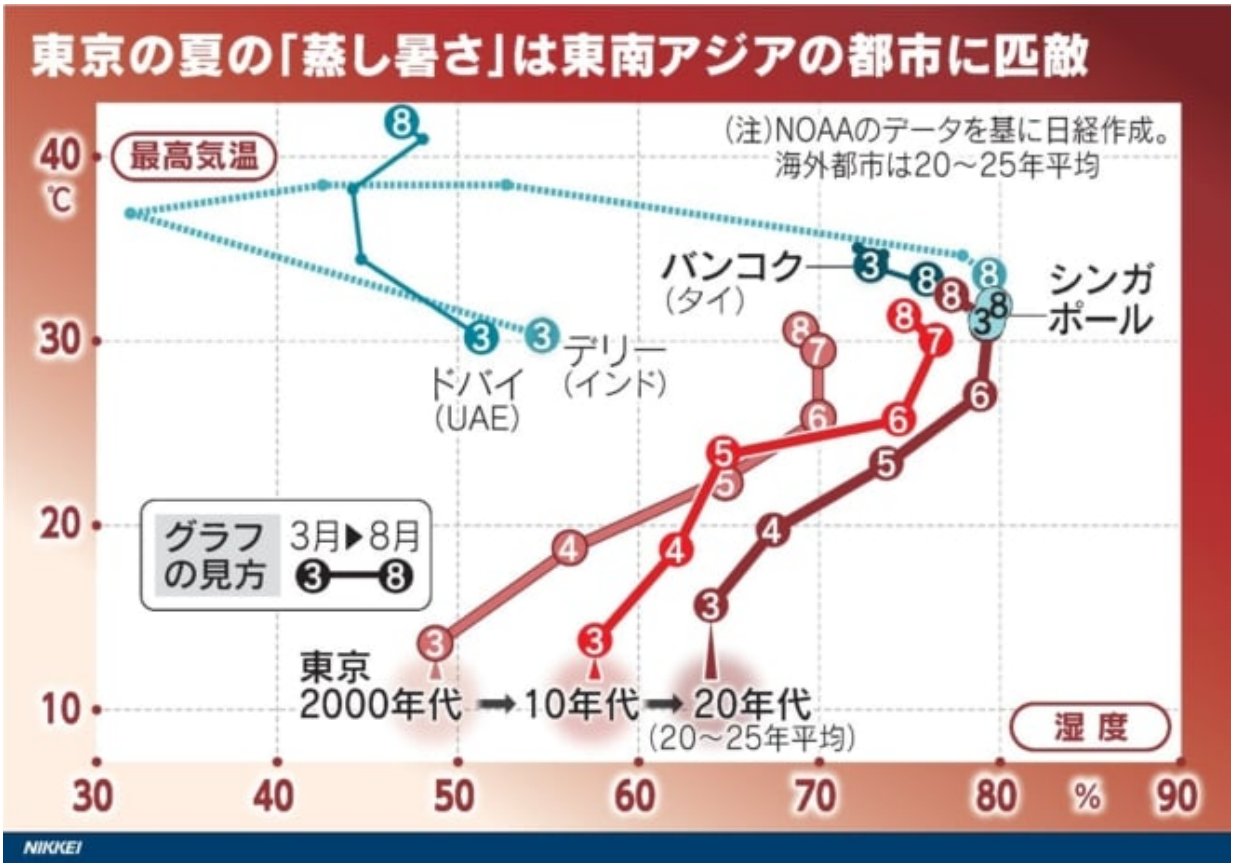
??8????????????????????????????



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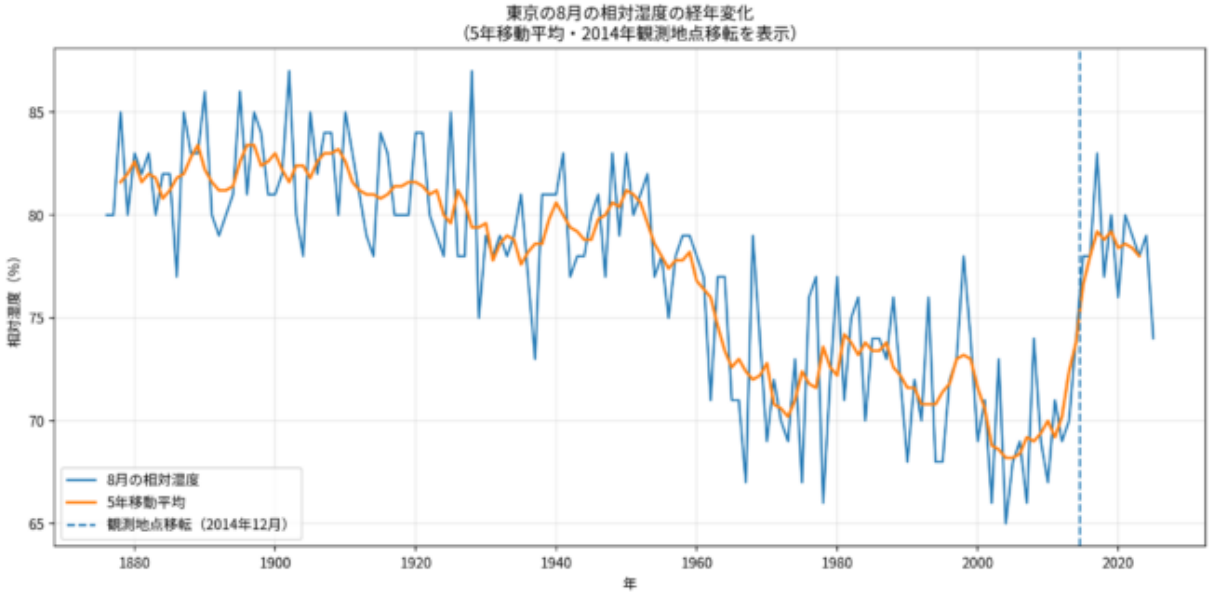

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2014??
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?? ?? · Tuesday, July 7th, 2026

Liudmila Chernetska/iStock

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

E U ? E U - ETS??????????????????????????????????????2050??

??6?17????**??3????????????????E U -**

ETS????????????????????[?1?]???3??????????????????????????6??

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E U - ETS????2026??**??100??**???2026???97.5???????????????????2.5????????????????????????????????????27?95??28?89.1??29?77.5??30?52.5??31?39??32?26.5??33?14????????????????????8????2034????????????????????????????????CO2??EU????????????????????

?2034??????????????…??

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

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?1?ArcelorMittal, thyssenkrupp Steel and voestalpine call for pragmatic ETS reform, to secure the competitiveness of European steelmaking and help to accelerate decarbonisation

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?? ?? · Monday, July 6th, 2026

gyro/iStock

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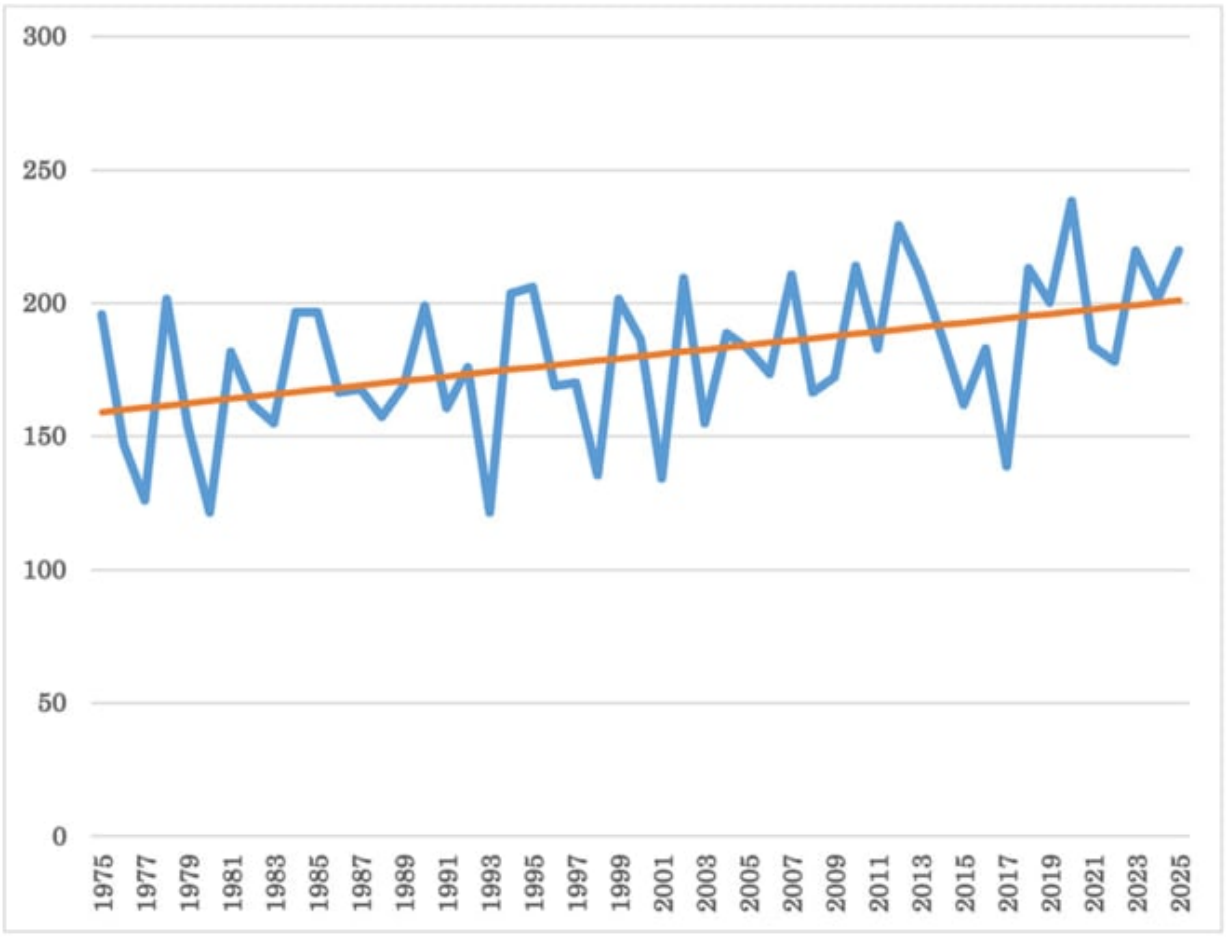
???3?????????



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??4?5????????????????????31????????????????????
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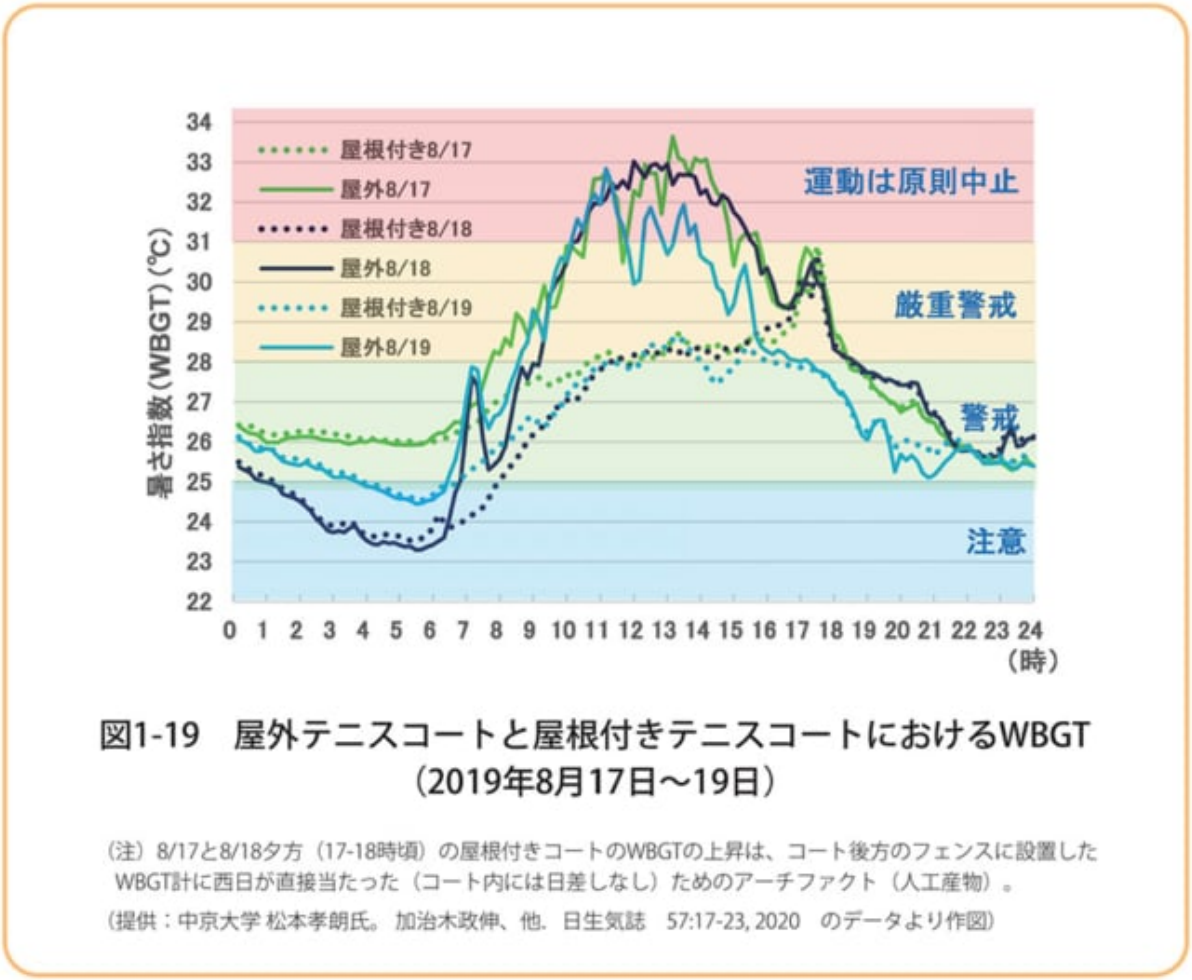

図1-19　屋外テニスコートと屋根付きテニスコートにおけるWBGT
（2019年8月17日～19日）

（注）8/17と8/18夕方（17-18時頃）の屋根付きコートのWBGTの上昇は、コート後方のフェンスに設置したWBGT計に西日が直接当たった（コート内には日差しなし）ためのアーチファクト（人工産物）。

（提供：中京大学 松本孝朗氏。 加治木政伸、他. 日生気誌　57:17-23, 2020　のデータより作図）

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

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??31????????????????????????

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IHI?????ACME??????????????????????????????40??4800????
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1. ?????????????????????
2. ???????????????
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?????????????1????????176kg???823kg?????N??3H??2NH????????????????????????????????????
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?????????????1kWh???0.038???2024??IRENA?????2???
?????Bhadla??

???????CAPEX?????????????????????????4?5????????????????????????????????2?2.5?????????????
??????????3?4?????????????????????

??????????????????????????????1kg???3.5?5???51?73?/Nm3???????????4??/kg?58?/Nm3????????????
?1???????????630?900???????720?????????????7???????

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???????????????????400?600????400?????????????1?????26?35????????????????????????????????
??8?12??
????????1?????80?150???????????????

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0?500????????????????????????????????2?2.5??????????????

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58?/Nm3????????2030????????1.9???2050????????2.9??????????

?????58?/Nm3????????????????????????????????????CIF??????????????CIF????????????????????
????????????????????????2?3??????????????????????????

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????LCOE??24??365?????????????
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FCOE??

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??SIGHT????????????????????????????????
?3??????1??1kg???8.82???????????0.1???/kg??2??7.06????3??5.30???????????

??2045????15???????????????????

?????3????????/kg??

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15??

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??1kWh????5.4??????????6.8??/kWh?????2MWh?2
,000kWh??????????????????????????????1?4,000??
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??10?15?????????

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

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?? ?? · Thursday, July 2nd, 2026

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2027?4??

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27?4??

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??????????????2027??????????????????6????????2,760??14???????12,600????????????????????????????14??????6???????4???14?????18????????????

??6??????2,760??????????????????4??????????????????14??????????????????????????

????????????????????????6????????87??J??????????124,890??????100??C?????206,400???????

?????2,697???????????????81,510?????????30????????????????????????????????????

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??2????15????????????????????????????7????????????
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?? ?? · Wednesday, July 1st, 2026

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項目	主計算の値
土地利用密度	2.5ha/MW（=0.40MW/ha）
設備利用率	18.3%
過積載率	130%
メガソーラーの発電コスト	10.9 円/kWh
系統電力の排出係数	0.250kg-CO2/kWh

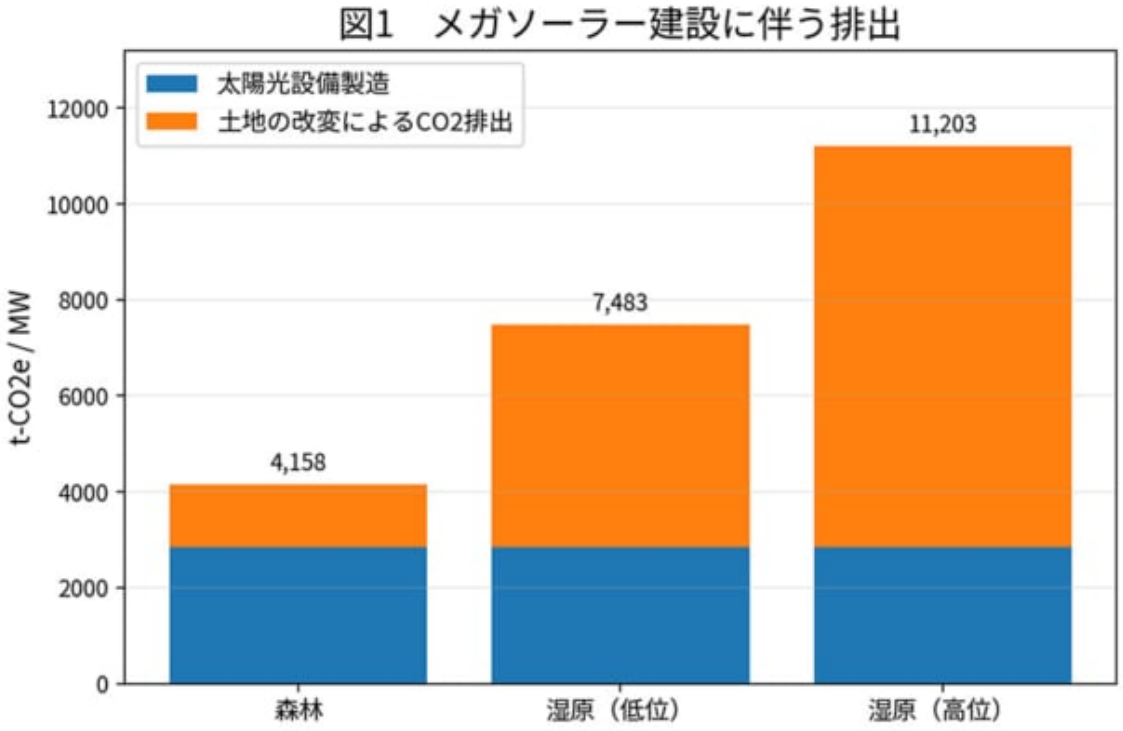
?1??????????????

??????1??????????????????????2.5ha/MW?????1ha???0.40MW??????????????????18.3%??????130%??

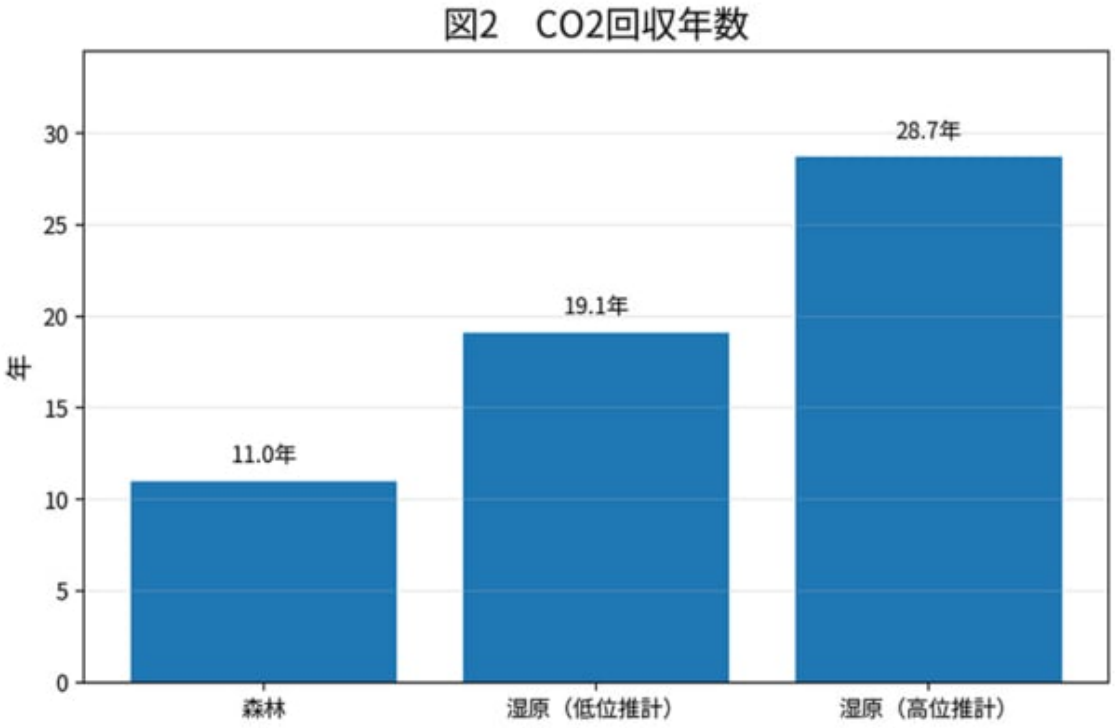
??CO2????????????????????1MW???2,845??CO2??

??1,313??CO2????????????????????????????????4,158??CO2????

??????????????????????????????????????1MW???4,638?8,358??CO2????????????????????????
?????????????7,483?1?1,203??CO2????



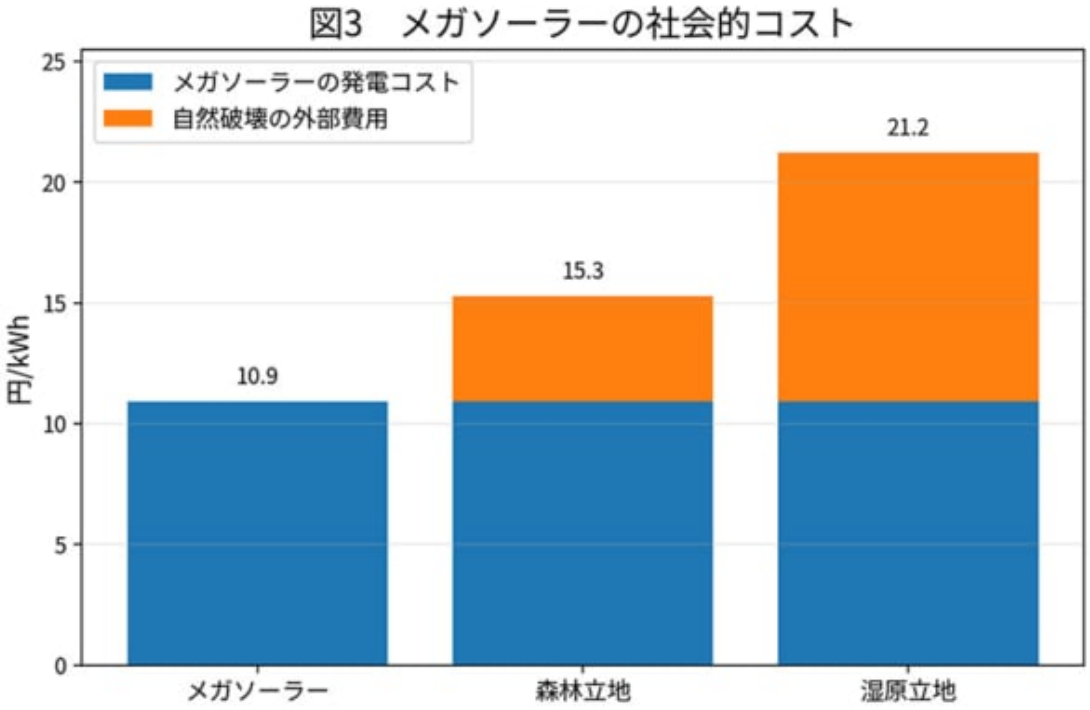
??????????????????????????CO2????????????????????????CO2?????????????2????????????2030???
??????????????11??????19?29??????



??????????????????????????????????280.8??/ha/????????ha?????????????????????4.38?/kWh???
??????????????????????????????661.8??/ha/???????????ha?????????????????10.32?/kWh????

?????????????10.9?/kWh??????????????????????????????15.3?/kWh???????21.2?/kWh????

??4?????????????????



??CO2???
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1. ?????2026??????????????????????? CIGS Working Paper Series No. 26-006J???2026?5?29????2026?6?29??
2. ?????2026??????????????????????? CIGS Working Paper Series No. 26-009J???2026?6?23????2026?6?29??
3. ?????2026???????????????????????????CO2??? CIGS Working Paper Series No. 26-0010J???2026?6?15????2026?6?29??
4. ?????2026???????????????????????????CO2??? CIGS Working Paper Series No. 26-0011J???2026?6?15????2026?6?29??

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

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??? ?? · Monday, June 29th, 2026

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A big fat energy zero

https://www.netzerowatch.com/all-news/spanish-blackout-transcripts

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2025?4?28?????????????????1??

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- **??????????????????**
- **??????????????????????????????????????**

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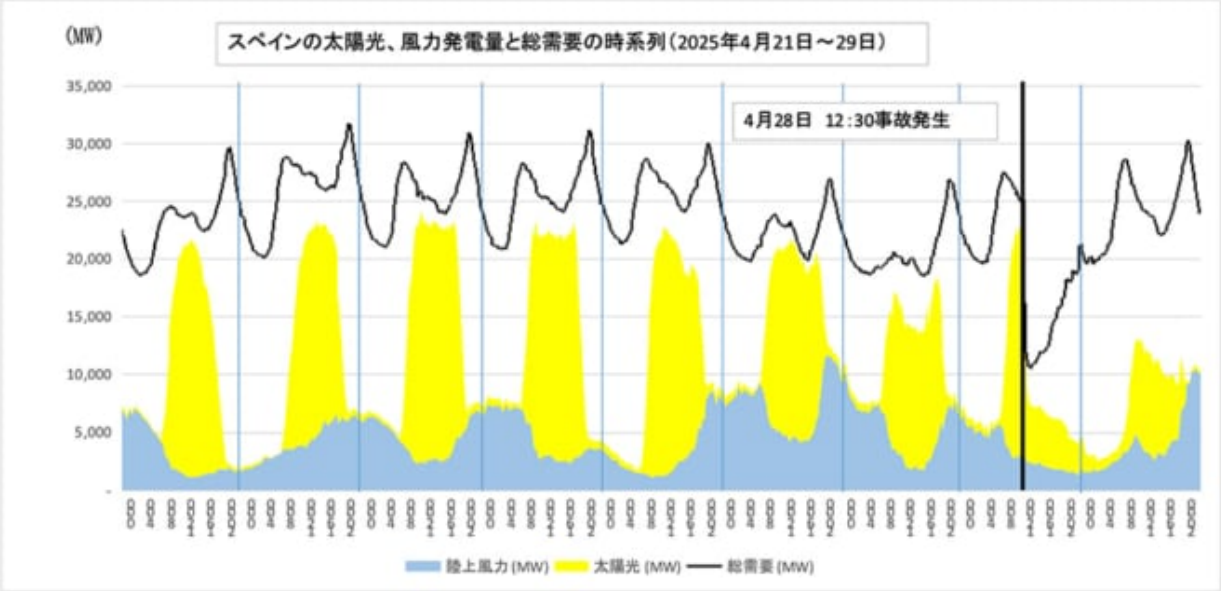

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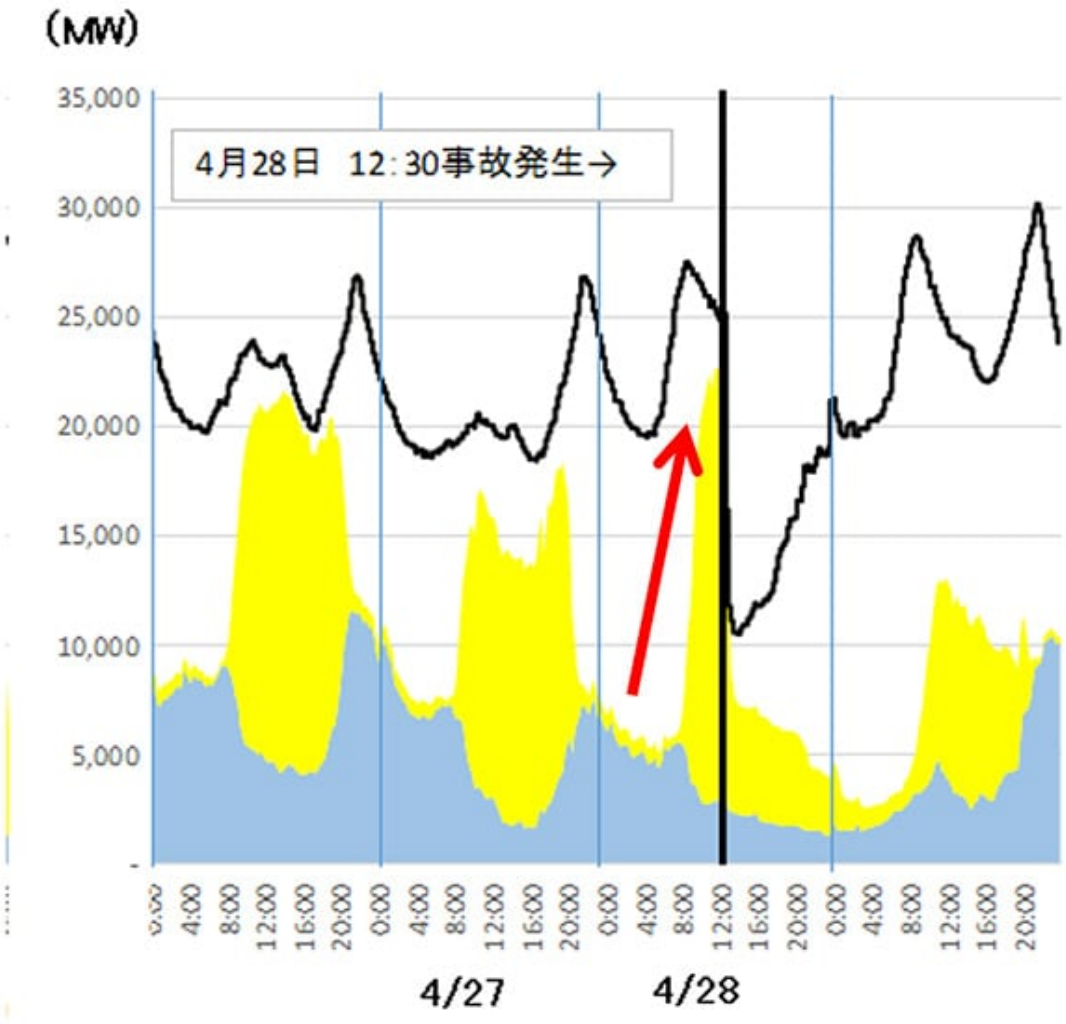

?2??1?4/28????????????????????????

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?3???PG???????
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?3????PG??
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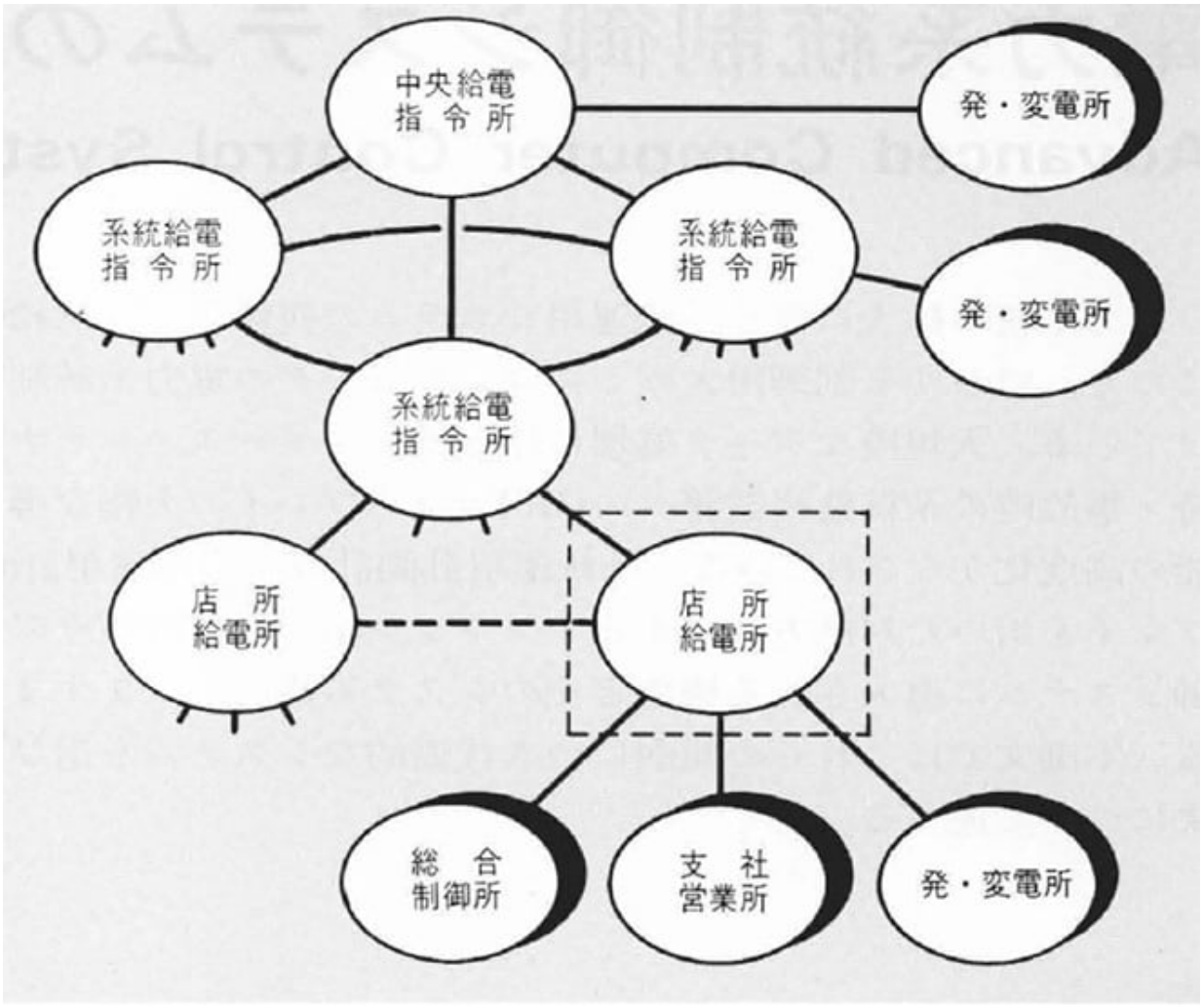

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1982????????

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2025?4?28???10?59????????????????????????????????????1??

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4?28??????????[?1?]??REE??

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????2024????????????2,160??????????65????1,835???????[?1????]?

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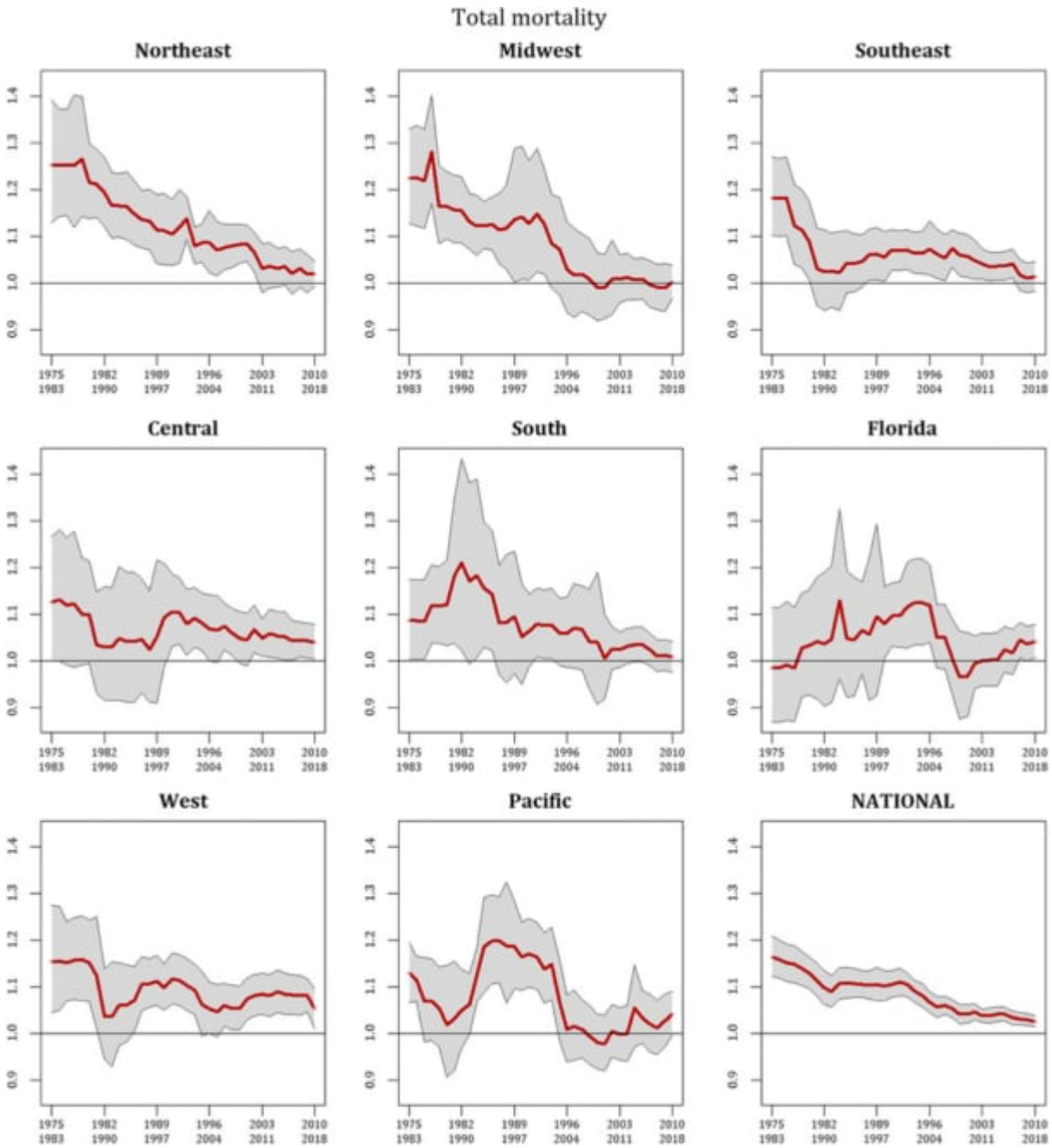

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???Sheridan et al. 2021; Pielke Jr. 2023 ????

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????Sheridan et al. 2021 ??1975?2018????107??????????????10????????????????????[?6?]?

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https://www.fdma.go.jp/disaster/heatstroke/items/r6/heatstroke_nenpou_r6.pdf
?2???????????5????????????????????????????19????6????
?3?Fujibe, F. and Matsumoto, J. (2021). “Estimation of Excess Deaths during Hot Summers in Japan.” SOLA, 17, 220–223. DOI: 10.2151/sola.2021-038.
?4?Roger Pielke Jr. (2023). “Public Health and Climate Change.” The Honest Broker, April 24, 2023.
?5?Roger Pielke Jr. “Europe’s Deadly Aversion to Air Conditioning.” The Honest Broker.
?6?Sheridan, S. C., Dixon, P. G., Kalkstein, A. J., & Allen, M. J. (2021). “Recent Trends in Heat-Related Mortality in the United States: An Update Through 2018.” Weather, Climate, and Society, 13(1), 95–106. DOI: 10.1175/WCAS-D-20-0083.1.
??7?Barreca, A., Clay, K., Deschênes, O., Greenstone, M., & Shapiro, J. S. (2016). “Adapting to Climate Change: The Remarkable Decline in the U.S. Temperature-Mortality Relationship over the Twentieth Century.” Journal of Political Economy, 124(1), 105–159. DOI: 10.1086/684582.
?8???????????????
?9?Fujibe, F. and Matsumoto, J. (2023). “Long-Term Change in Heat-Related Excess Mortality in Japan.”

Geographical Review of Japan Series B, 96(2), 41–49. DOI: 10.4157/geogrevjapanb.96.41.
?10?Sera, F., Hashizume, M., Honda, Y., et al. (2020). “Air Conditioning and Heat-related Mortality: A Multi-country Longitudinal Study.” Epidemiology, 31(6), 779–787. DOI: 10.1097/EDE.0000000000001241.
?11?Vicedo-Cabrera, A. M., Sera, F., Guo, Y., et al. (2018). “A Multi-country Analysis on Potential Adaptive Mechanisms to Cold and Heat in a Changing Climate.” Environment International, 111, 239–246. DOI: 10.1016/j.envint.2017.11.006.
?12????????????????????????7?2025??3????????????

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Posted in ???, ????? | No Comments »

G7??????????????????????????????

?? ? · Saturday, June 27th, 2026

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

ESG??????SpaceX???????????IPO????

?? ?? · Thursday, June 25th, 2026

francescoch/IStock

SpaceX?????????????????

2026?6?11??????????????????MSCI????????SpaceX????ESG???????CCC??????????????????????????
?10????1???????????3.2??MSCI???????????ESG????????????????????????????

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

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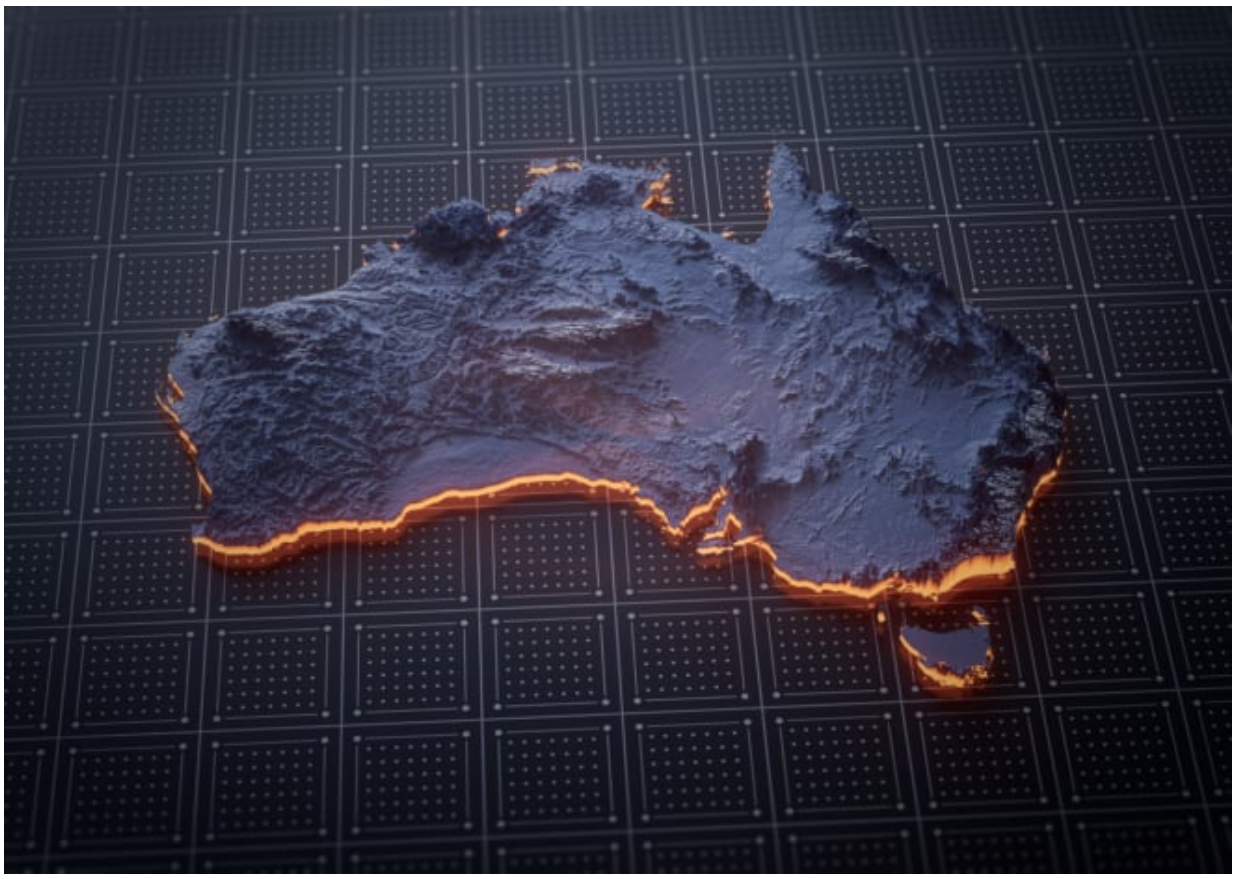
?? ?? · Wednesday, June 24th, 2026



Hammad Khan/iStock

??7?????????????2040?????????????2013???73%??????
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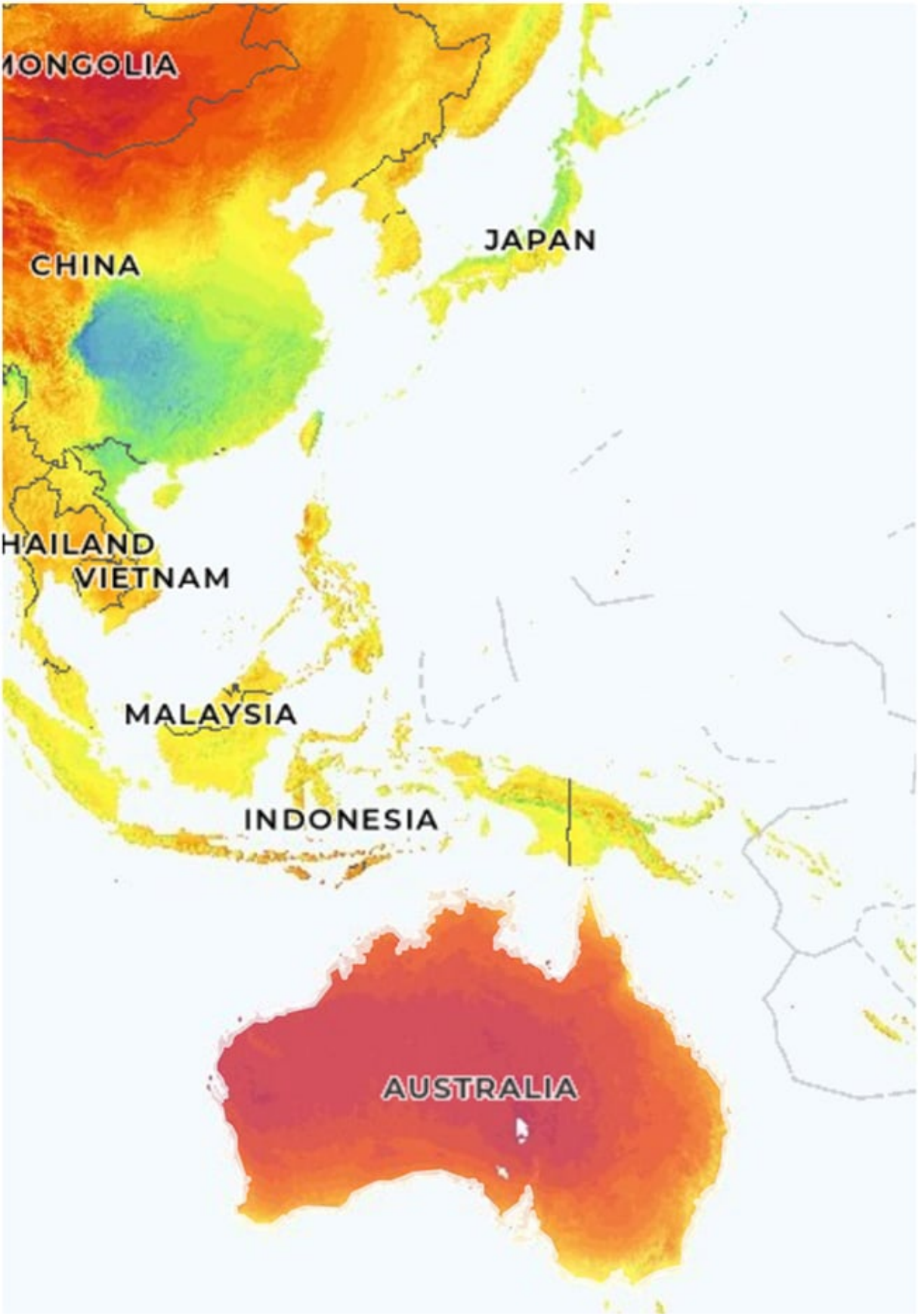

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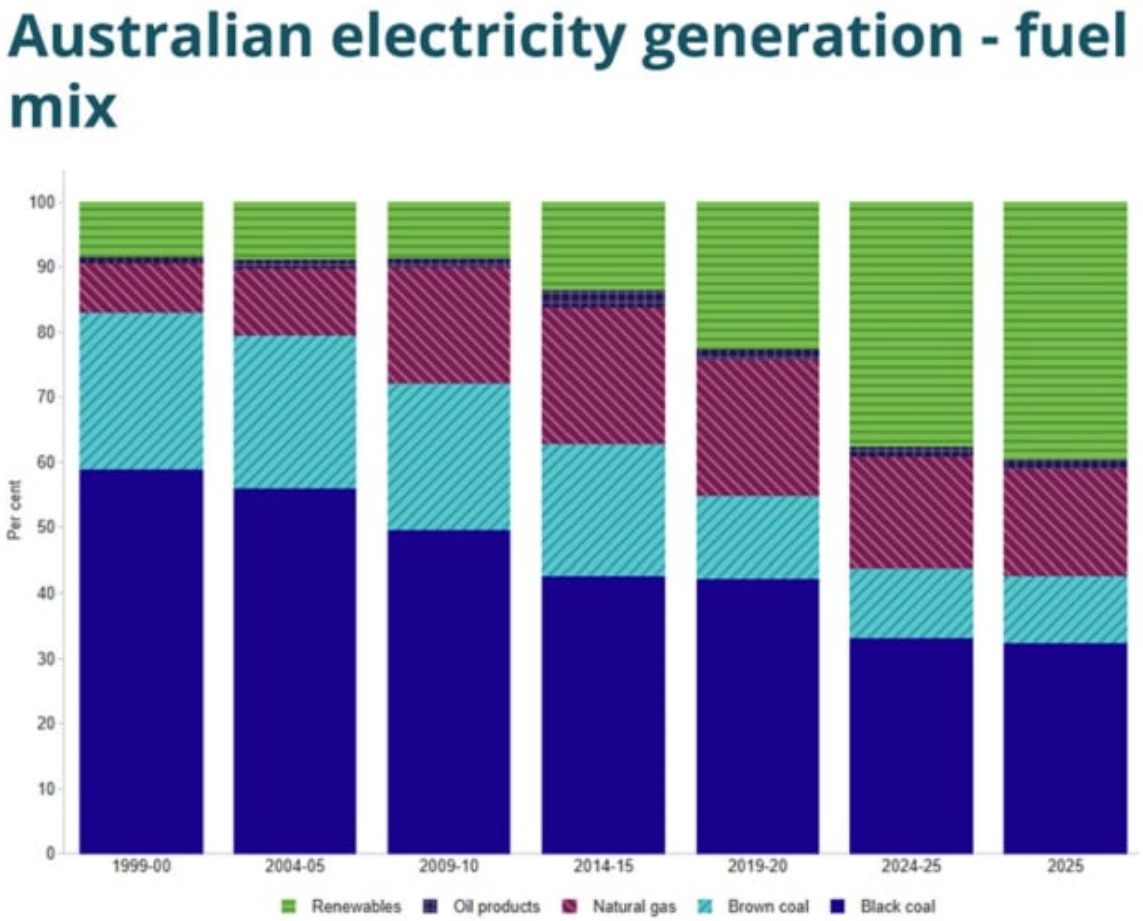

The figure shows Australian electricity generation fuel mix in shares from 1999-2000 to 2024-25 and calendar year 2025. Fossil fuels contributed 60.5% of total electricity generation in 2025, including coal (42.7%), gas (16.2%) and oil (1.7%). Coal's share of electricity generation continued its long-term decline while the share of gas-fired generation was lower due to increased generation from renewables. Renewables contributed 39.5% of total electricity generation in 2025.

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2007-08	10.7????/kWh
2018-19	17.2????/kWh
2020-21	15.1????/kWh

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S?P?ESG??????????

?? ?? · Wednesday, June 24th, 2026

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LONGi Green Energy Technology Co., Ltd. ESG Score

The S&P Global ESG Score cannot be compared across industries. It measures a company's sustainability performance relative to peers within the same industry classification. Learn mor

Company	Industry	CSA Score	ESG Score	Score Under Review	Last Updated
LONGi Green Energy Technology Co., Ltd.	SEM Semiconductors & Semiconductor Equipment	72	72	NO	June 12, 2026

Jinko Solar Co., Ltd. ESG Score

The S&P Global ESG Score cannot be compared across industries. It measures a company's sustainability performance relative to peers within the same industry classification. Learn more

Company	Industry	CSA Score	ESG Score	Score Under Review	Last Updated
Jinko Solar Co., Ltd.	SEM Semiconductors & Semiconductor Equipment	78	78	NO	October 01, 2025

Trina Solar Co., Ltd. ESG Score

The S&P Global ESG Score cannot be compared across industries. It measures a company's sustainability performance relative to peers within the same industry classification. Learn more

Company	Industry	CSA Score	ESG Score	Score Under Review	Last Updated
Trina Solar Co., Ltd.	SEM Semiconductors & Semiconductor Equipment	64	64	NO	January 09, 2026

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> Hoshine Silicon Industry?Shanshan?
> Xinjiang Daqo New Energy

> Xinjiang East Hope Nonferrous Metals
> Xinjiang GCL New Energy Material Technology
> XPCC?Xinjiang Production and Construction Corps?
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> ??????Xinjiang???????????????????

UFLPA Entity List | Homeland Security

Hoshine Silicon Industry Co., Ltd. ESG Score

The S&P Global ESG Score cannot be compared across industries. It measures a company's sustainability performance relative to peers within the same industry classification. Learn mor

Company	Industry	CSA Score	ESG Score	Score Under Review	Last Updated
Hoshine Silicon Industry Co., Ltd.	CHM Chemicals	19	19	NO	June 12, 2026

Xinjiang Daqo New Energy Co.,Ltd. ESG Score

The S&P Global ESG Score cannot be compared across industries. It measures a company's sustainability performance relative to peers within the same industry classification. Learn more

Company	Industry	CSA Score	ESG Score	Score Under Review	Last Updated
Xinjiang Daqo New Energy Co.,Ltd.	SEM Semiconductors & Semiconductor Equipment	24	24	NO	June 15, 2026

GCL Energy Technology Co.,Ltd. ESG Score

The S&P Global ESG Score cannot be compared across industries. It measures a company's sustainability performance relative to peers within the same industry classification. Learn more

Company	Industry	CSA Score	ESG Score	Score Under Review	Last Updated
GCL Energy Technology Co.,Ltd.	ELC Electric Utilities	21	25	NO	February 11, 2026

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GCL?25?

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First Solar, Inc. ESG Score

The S&P Global ESG Score cannot be compared across industries. It measures a company's sustainability performance relative to peers within the same industry classification. Learn more

Company	Industry	CSA Score	ESG Score	Score Under Review	Last Updated
First Solar, Inc.	SEM Semiconductors & Semiconductor Equipment	38	44	NO	September 01, 2025

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JFE?46?
Alphabet?32?
Apple?33?
Meta Platforms?24?
Amazon?22?
Microsoft?51?

S&P?????????????????????ESG?S??
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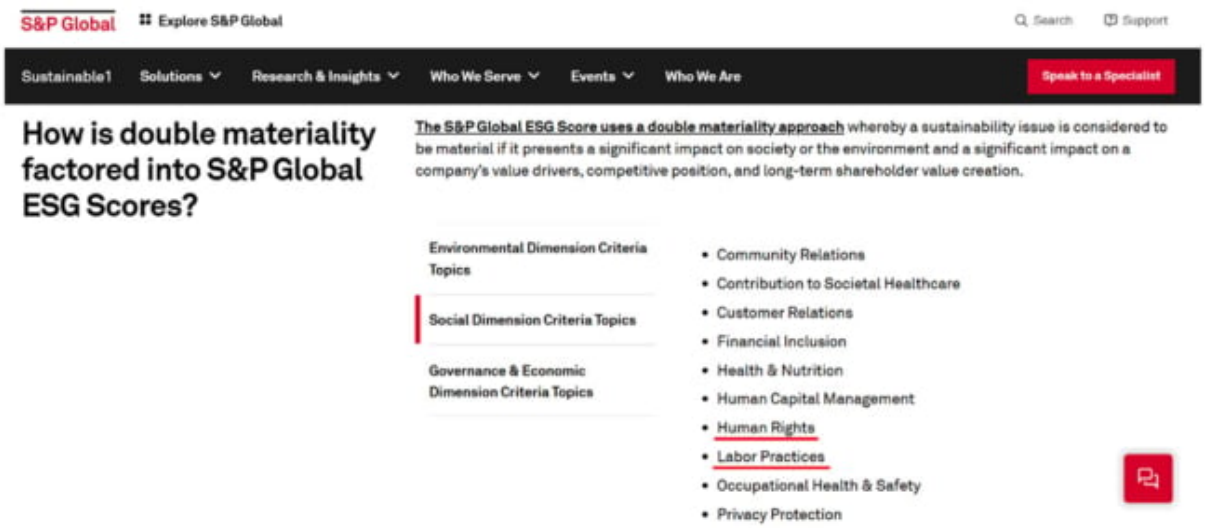

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?? ?? · Monday, June 22nd, 2026

koto_feja/iStock

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?? ?? · Monday, June 22nd, 2026

rudall30/iStock

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発表日	参加国数	代表国	主な内容
2020 年 10 月 6 日	39 か国	ドイツ	・新疆ウイグル自治区での大規模拘禁への懸念 ・香港国家安全維持法による自由の制限への懸念 ・チベットへの自由なアクセス要求 ・国連人権高等弁務官の新疆訪問を要求
2021 年 6 月 22 日	44 か国	カナダ	・新疆での恣意的拘禁への懸念 ・監視社会化と宗教弾圧への懸念 ・香港における民主的自由の後退を批判 ・新疆への意味ある国際調査を要求
2021 年 10 月 21 日	43 か国	フランス	・新疆での大規模拘禁継続への懸念 ・香港国家安全維持法の運用拡大を批判 ・人権擁護者・ジャーナリストへの弾圧を批判
2022 年 6 月 14 日	47 か国	オランダ	・新疆における強制労働への懸念 ・家族分離や宗教的抑圧への懸念 ・女性への人権侵害や強制不妊の指摘 ・国連人権高等弁務官報告書公表を要求
2023 年 10 月 18 日	50 か国	英国	・新疆での「人道に対する罪の可能性」への言及 ・強制労働と文化的同化政策への懸念 ・中国政府に具体的改善措置を要求
2024 年 10 月 22 日	15 か国	豪州	・新疆・チベット・香港の人権問題を継続提起 ・宗教・文化・言論の自由の制限を批判 ・国際人権義務の履行を要求
2025 年 11 月 21 日	15 か国	共同代表	・新疆での強制労働と恣意的拘禁への懸念 ・チベットにおける宗教・文化弾圧を批判 ・香港の自由と法の支配の後退を批判 ・越境的弾圧（Transnational Repression）への懸念

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参加回数	参加国
7回	オーストラリア、日本、リトアニア、英国、米国
6回	アルバニア、カナダ、デンマーク、エストニア、フィンランド、フランス、ドイツ、アイスランド、ラトビア、オランダ、ニュージーランド、ノルウェー、パラオ、スウェーデン
5回	オーストリア、ベルギー、ブルガリア、クロアチア、チェコ、アイルランド、イタリア、リヒテンシュタイン、ルクセンブルク、マーシャル諸島、モナコ、北マケドニア、ポルトガル、サンマリノ、スロバキア、スロベニア、スペイン

7?????????????????????5????????????????????????????????2024??

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

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?? ?? · Friday, June 19th, 2026

TebNad/iStock

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AR5?2023??????£44/MWh????????????AR6?2024????66%??????£73/MWh??????????????????
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?? ?? · Thursday, June 18th, 2026

RapidEye/iStock

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1. ??
2. ??IEA????????????????????????
   2050??????????????????
3. S&P??????S&P??
4. S&P?S&P??

19??

1. ?????ESG??
2. ????????ESG????????????????????????????????????
3. S&P??

20??IEA?
?????????????2050?????????????2040?????????????????????????

21?S&P?S&P??S&P???
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22?S&P?S&P??
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23?????/S&P??
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24??

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> 25???2050?????
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> 1. ??
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>   i.??????????????NRSRO????6??????????????????????
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> 26????ESG??
> ???????????????EBITDA??
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> 27??????????ESG????????????????????????UN
> PRI???????????????ESG????????????????????????????????

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

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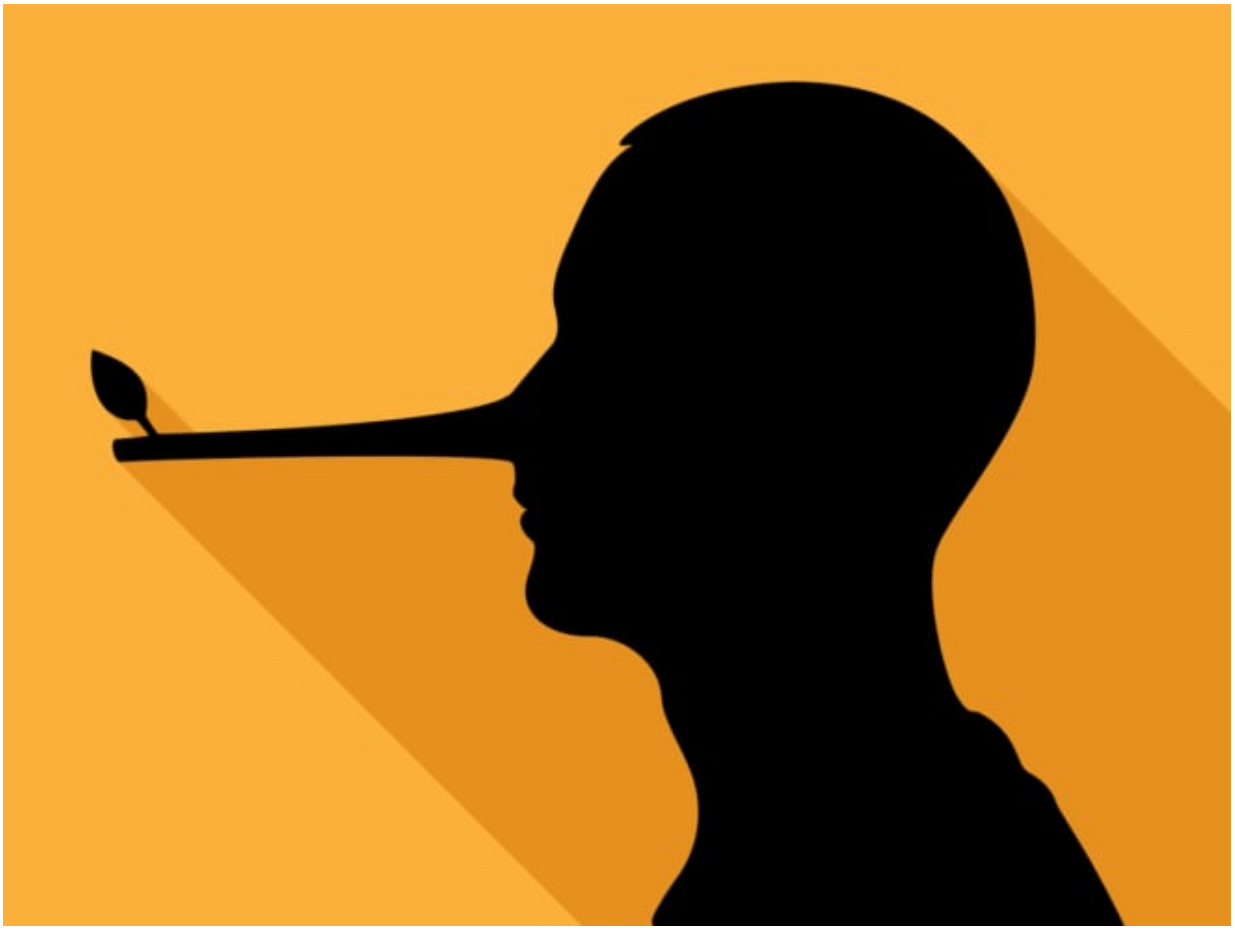
?? ?? · Tuesday, June 16th, 2026



A Mokhtari/iStock

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1. ???

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?????U.S. Steel	?7,000??9,000???	????????????????????????????
????????????????	?1.5??2???	??????????????CO2????
????????????????	?3.0??3.6???	????????????????????????????????????CO2?

2. ??????

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??	??????AI?????????????????9.2GW????NextEra?????????????????????????10GW?????19GW????
????	????????0.435kg-CO2/kWh?
???	??GW × 8.76TWh/GW? × ??? × 0.435Mt-CO2/TWh?

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

???	??CO2??
60%	?4,400???
80%	?5,900???
90%	?6,600???

??????????????6,000?????????

3. U.S. Steel

??	CO2??	????
??U.S. Steel Scope 1+2	?2,560???/?	2024??Scope 1?2,283????Scope 2?278??????2,561???CO2e?
??????????	?100??600???/???	????????????????????????????????

????????????????????????????????????2,560???/?????

4. ???????

??	?????	??CO2??
JERA Haynesville	0.5?1.0Bcf/?	?1,000??2,000???
???? Aethon	2.1?2.6Bcf/?	?4,200??5,200???
????? ?????	1.2?1.4Bcf/?	?2,400??2,800???
JAPEX DJ Basin	5?boe/???	?500??800???
??	—	?8,000??1.1???

??????????1Bcf/?????????2,000???CO2??????????

5. ????????

??	?
??	Texas GulfLink??????????????????100??????????????????
??????	?0.43??CO2/????
???	100????/? × 365? × 0.43??CO2/????
??CO2??	?1.57???CO2/??
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6. ???????

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

ESG??????????????????

?? ?? · Tuesday, June 16th, 2026

gorodenkoff/iStock

??2026?4?22??????????????????????????????23?????????????????????S&P????????3?????????ESG????????????????????????????????????

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ESG????????

?????3?????????????PRI?????????????????????????NZFSPA???????????ESG?????????????????????????????NZFSPA??

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ESG????ESG??????????????????

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???????ESG????????????????????????????????????ESG???NZAM??

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3?????????????????????????????????????PRI?NZFSPA??????????????ESG????????????????????????
??????????1?????????????????????????PRI?NZFSPA????????????????????????ESG??????????????
??????????????95??

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??????????????????2026?2??2,950????????PRI??
?????ESG?????????????????????????????????????

???????UDAP???????

??ESG????????????????????????????????????UDAP?????
??MBS??
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??S&P?????????????????????CPC????????????????
??????ESG??

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??????????????????????S&P?ESG?????????????28???????33??????41??CPC?46?????????2026?6?7?????CPC????????????
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23???????????????????

1. 90????ESG??????????????????????????ESG??????????????????
2. 60??????PRI????????????????????????????????
3. ??????????????ESG???????????????3?5????????????????????????
4. ESG?????????ESG????????????????????????????????
5. ESG??

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- ??????ESG???????????????? ??
- ESG???????????????????????????????? ??
- 2026??????????? ? 2027???????????????? ??
- Amazon?Apple?GM???????????????????????? ??
- 2026???????????????? ??

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

CO????????????????????????

?? ?? · Monday, June 15th, 2026

Narongrit Doungmanee/iStock

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2026?5?26???
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CO??????????????????

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???Ca: ?430ppm?

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$N_1 = ?D_{12} \ dc / dx$
N??????????????????? [mol/(m² · s)]
D?????2???1????????????? [m²/s]
dc/dx????? [(mol/m³)/m]

?????CO???????????????????

??????**????????????????**?????????????????CO???Ca???
CO???????????????Ci?????Ca???????????Ca?Ci???????????????Ca?????????????????????

??????CO?????430ppm?????????????????????????1,000?1,500ppm?CO????????????????????????
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CO??????????????????????

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????Ca??????????????????????Ca?Ci??????????????????CO????????????????????1,000?1,500ppm??
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CO??????????????????????????????????WUE??

???430ppm??????????????????????????CO????????????????????????????????????

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??????????????????????2??????????????????????????????????2024?10?31??????????????????????

Posted in ???, ????? | No Comments »

??????ESG???????????

?? ?? · Sunday, June 14th, 2026

??????HP??

??2026?4?22??????????????????????????????????23????????????????????????S&P????????3?????????
?ESG????????????????????????????????????

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2024????????????????????????????ESG????????????????????????

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- ??23??SBTi?????????????????? | ??? ??????????
- ??11?????????????????? | ??? ??????????
- ??????CDP?SBTi????????????? | ??? ??????????

?????????GFANZ?NZBA?????????????????????????????????SBTi?CDP????????????????????????????
??3????????????????????

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> a. **??????????????????**
> b. **????????????????????????????????????**
> c. **??????????????????**
> d. **ESG??????????**

???4?????????

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a. **????????ESG??????????????**
b. **??**
c. **??**
d. **????????????????????ESG???????????????????**

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a. ????????ESG?????????????

- ??????ESG??
- ??????????????????????????18%????????????3????????Climate Action Tracker(CAT)????????????????????????????????
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- ????????????????????EPA??
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d. ?ESG?????????????

- S&P?2021?????NZAM???????????????1?????????????????????????????????????NZAM???NZBA???????2025?1??????????????????NZIA??
- ??????????????????????????????????S&P?2021??49%??????? ????????????????????????????????15%????? ????????????????
- ????ESG??????????????????????????????????840????????????????????????????????3?????????????????

?????23??

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

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?? ??? ?? · Friday, June 12th, 2026

Marcus Millo/iStock

RAF??????????????????1??????2??

1960??????????????1970????????????????????????????PFLP????????????????????????????????????
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??1970?????RAF????????2??
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1977?9??
??1??????????????????????SP???2????????????????????????
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??GSG-9?
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?????320????????????5.9????????????????????

?????RAF??3????????????????????3????????????????????????????2024?2????????1????????????67????
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RAF??
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Posted in ???, ?? | No Comments »

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

?? ?? · Friday, June 12th, 2026

nicolas_/iStock

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CO2??IPCC?5??????????????2??????????????????????0.2???2.0??????????????????

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?????CO2???????????????????1.93????2024????GDP???1.73??????????????????????

????CO2?????=CO2????????????????????????????????GDP??0.49????????????????????????????????????1.16?????

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

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

2026?5?26???

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

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??devil’s
advocate??
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Posted in ???, ????? | No Comments »

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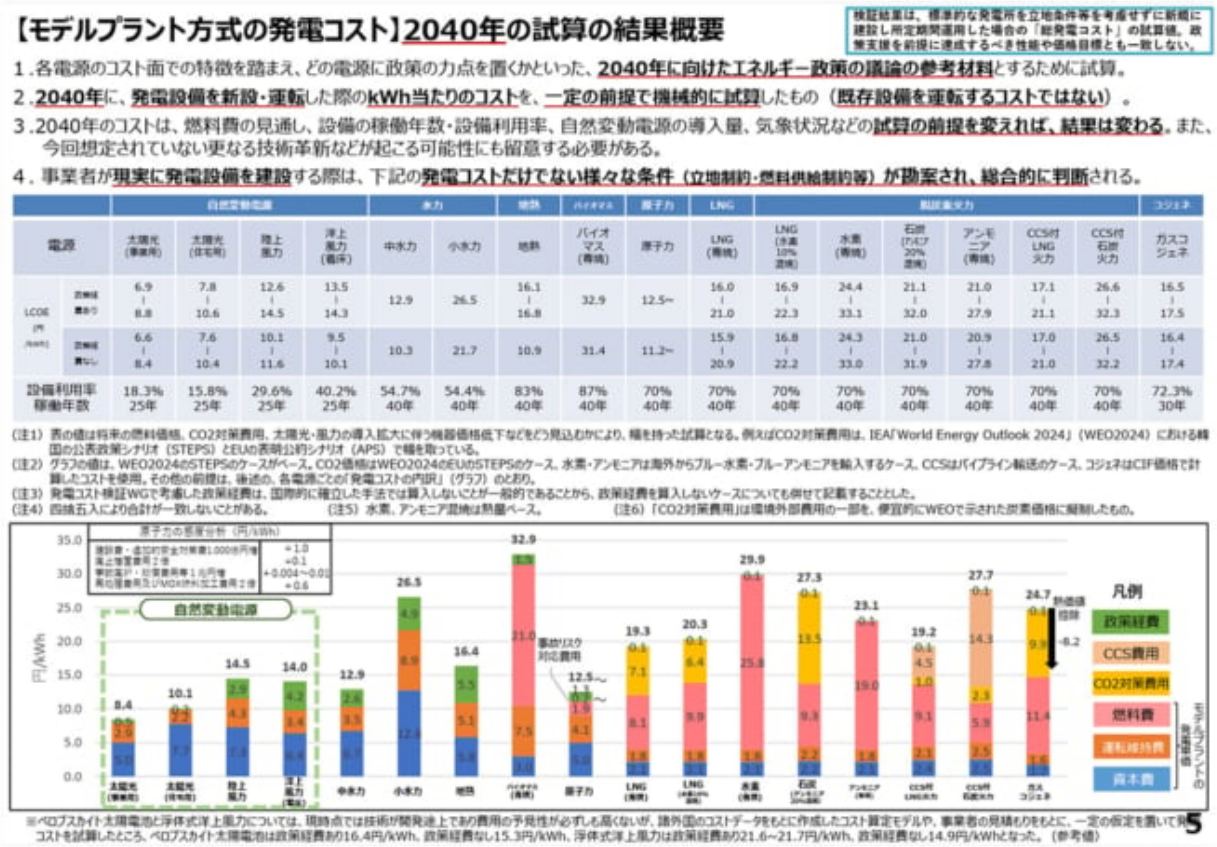
?? ?? · Tuesday, June 9th, 2026

Osamu Ito/iStock

??????????????2040???2040?????????[21?]?



?1??????????????2040?????????????
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??CIGS????????????????????????????[?2?]
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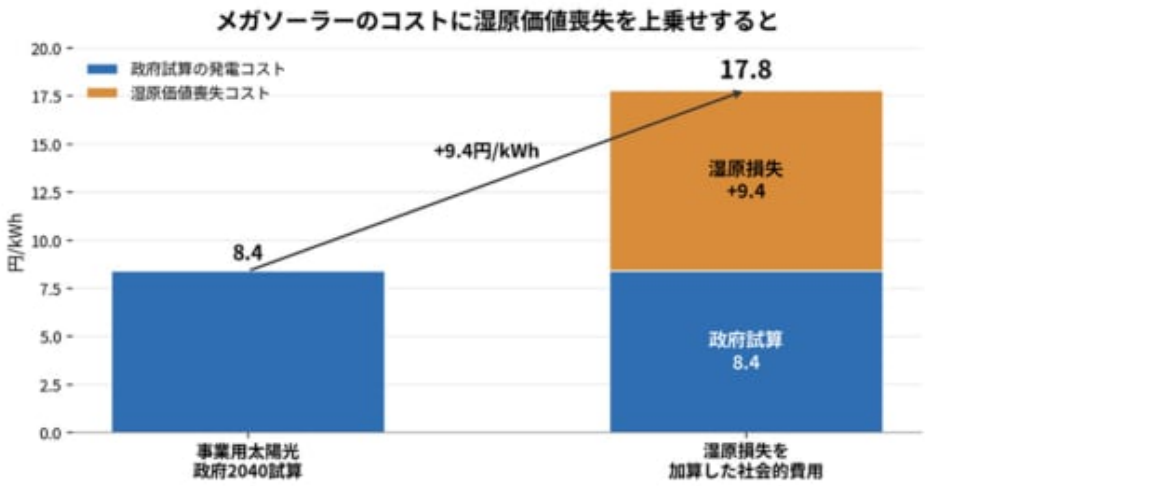
???1ha???0.67MW??????12????????????????????????????70.4?kWh/ha/????????????????????????????
??????9.4?/kWh????

???2040??



注：政府2040年モデルプラント方式の事業用太陽光8.4円/kWhに、環境省積上げケースの湿原価値喪失9.40円/kWhを加算。出所：発電コスト検証WG（2025）、環境省（2014）、杉山（2026）より作成。

?2????????????????????????
?????2040??9.4?/kWh????

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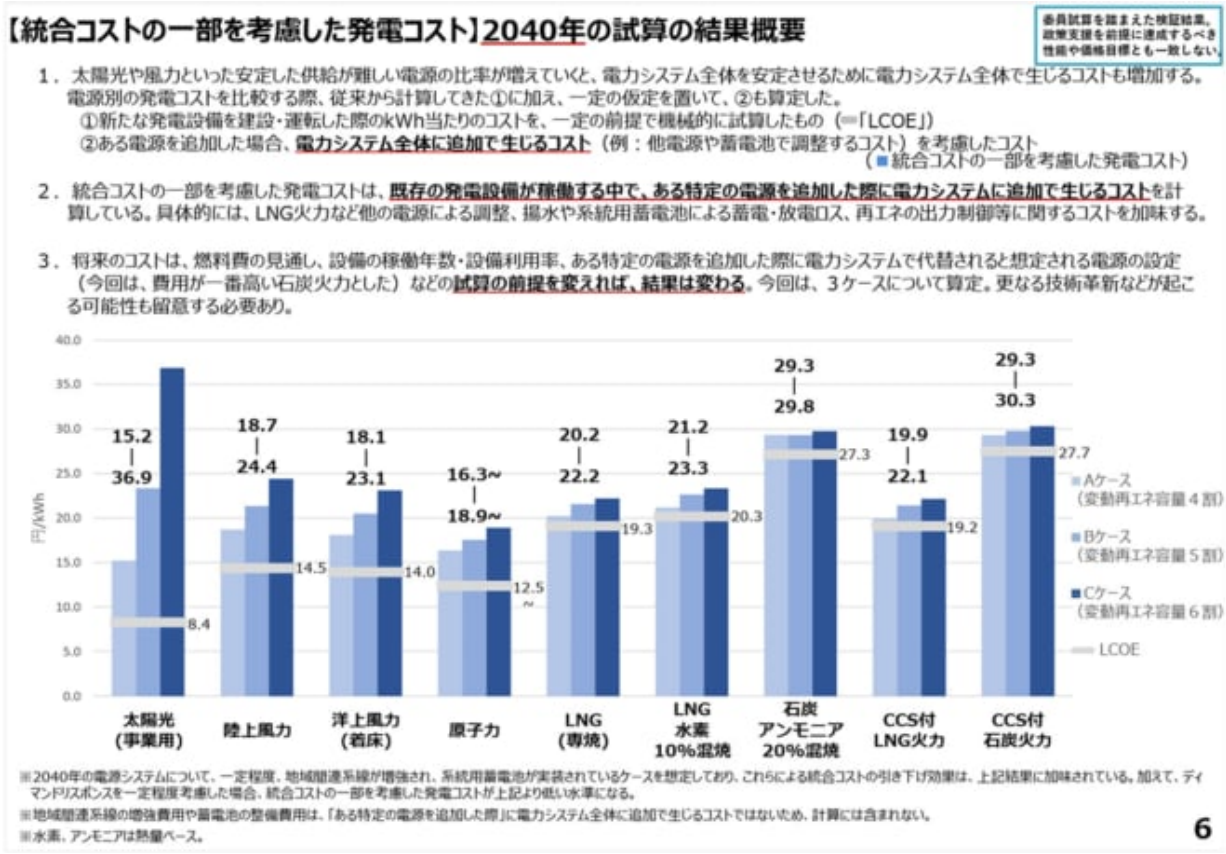

?3??????????????????
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- ?1?????????????????2025??????????????????????7?2?6??
- ?2???????2026??????????????????????CIGS Working Paper Series No. 26-006J?2026?5?29??
- ?3?????2014??????????????????????????

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

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?? ?? · Thursday, June 4th, 2026

Aree Sarak/iStock

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??NRC???
???????NRC????1986??[33]?

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NRC??60?????????????100????????????????????????
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?1,840??U??

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??6????????2.5?
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I A E A ???[710]?
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????????????[711]?

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??[712]?Jerry J.
Cohen??[713]?

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?? ?? · Wednesday, June 3rd, 2026

MicroPixieStock/iStock

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