Global Energy Policy Research | GEPR

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????http://agorajp.com/??
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??????????? TSMC????vs.?????????

?? ??? · Monday, June 10th, 2024



Hase-Hoch-2/iStock

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??????AI??

??????????????????????TSMC??????????????????????????????NTT?NEC????????????????????????????
?TSMC?2024?2??????????????????2025?4????????????????????

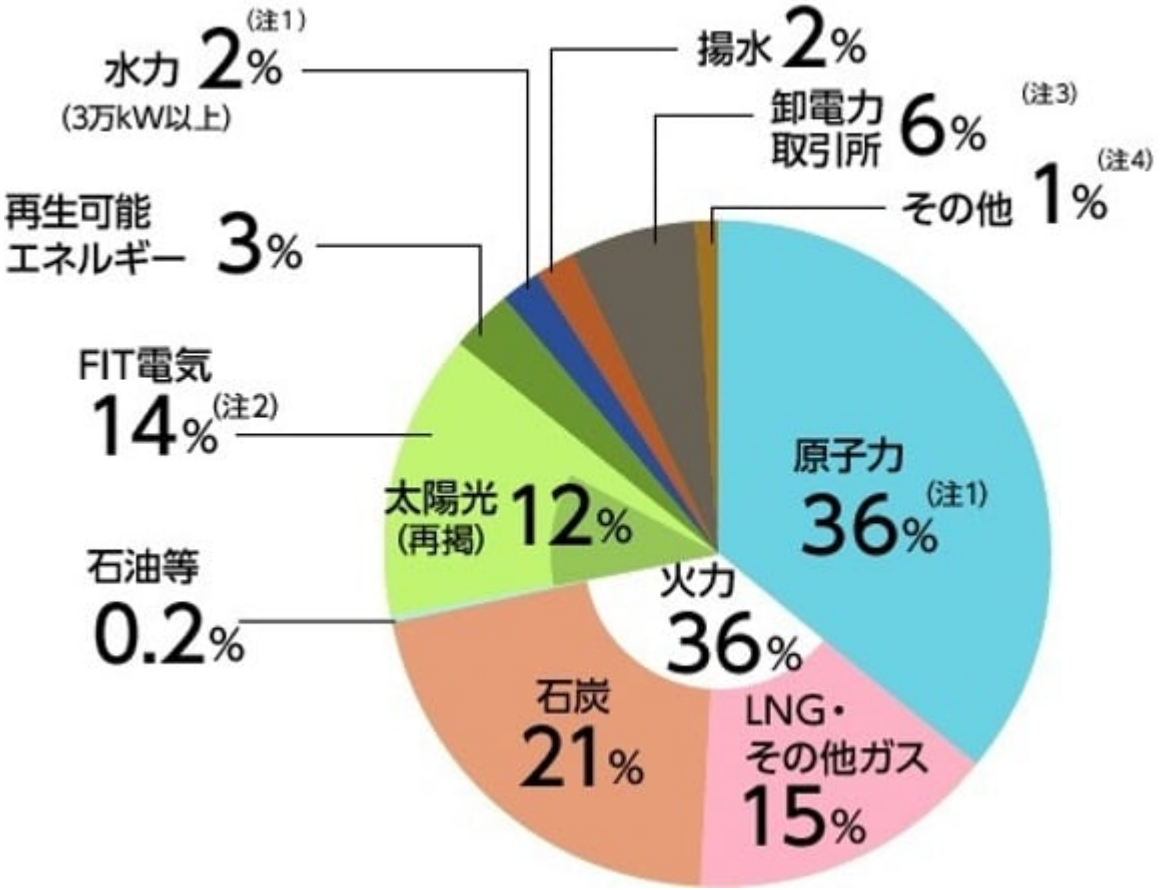
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TSMC???????

TSMC??3??1????????????????????????2???
??????????????????????????????????????

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



?1????????????2021??
????????HP????

??????????????????????????????2024?4??????????????1kWh???28.78?/kWh????????3???10????
??????????????????28.51?/kWh??

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??????????????TSMC????????????????????????

?????TSMC??????????1811?kWh?2021??[???]??????????????????????????20?/kWh????????3.6??/???
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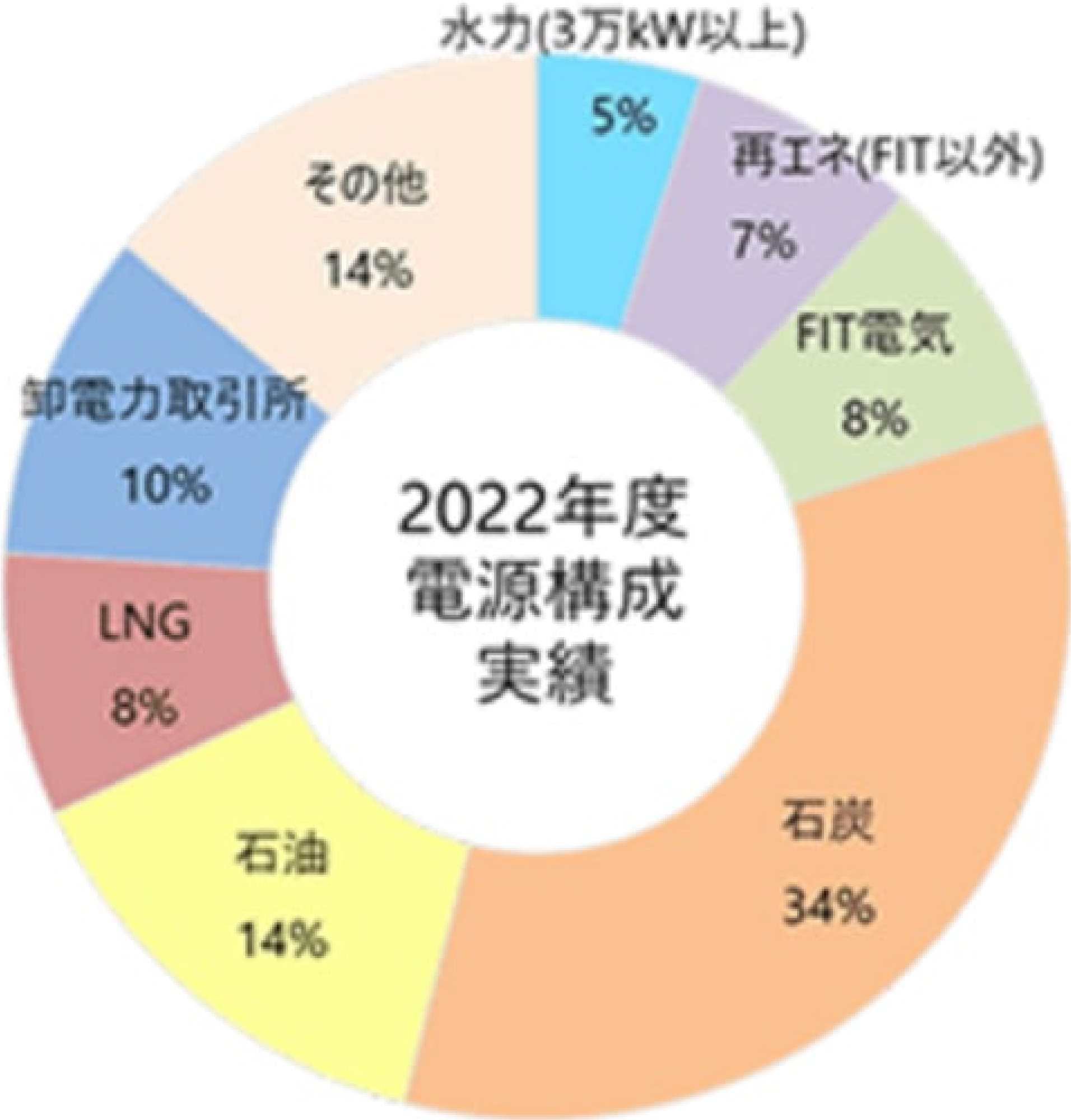
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??3??2?????3??1??????????????????2????????????
????????????????????????

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



?2?????????????2020?
?????????HP????

??2024?4???????????????1kWh???47.26?/kWh?????3???10???????????????????????48.46?/kWh??

??

??????????47.26?/kWh???????28.78?/kWh?1.6???

?3???10????????????1kWh?????????????



?3?1kWh??????????[?1?]

???????????

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?2???TSMC??????????Fab18
????5?8????????????????????????????????????Fab18??????????????????????

Fab18
????5?8?????88?kW???????70?kWh???

70?kWh ×?47.26?28.78??/kWh?1294??/?

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????????????????????????????1300??
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88?kW??????????????

88?kW × 24h × 365??77.0?kWh

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70?kWh/77?kWh?90.9?

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??????3??1??

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???TSMC????????????????????????????????

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?1?1kWh????????????????????????????
?2?? ?3? ??????????

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