

Vocabulary List for “ The Future of Energy ”



RIPPLE ENGLISH

1	sufficient	十分な	英英	enough; adequate
			例文	<i>We have to provide sufficient energy to guarantee the prosperity of a population of 10 billion.</i>
2	guarantee	保証する 確約する	英英	provide a formal assurance or promise
			例文	<i>We have to provide sufficient energy to guarantee the prosperity of a population of 10 billion.</i>
3	prosperity	繁栄	英英	the state of being prosperous
			例文	<i>We have to provide sufficient energy to guarantee the prosperity of a population of 10 billion.</i>
4	address (v)	取り組む	英英	think about and begin to deal with (an issue or problem)
			例文	<i>We need to address the crises of climate change and an ecosystem collapse.</i>
5	investigate	調査する 研究する	英英	carry out a systematic or formal inquiry to discover and examine the facts of
			例文	<i>As soon as you start investigating this matter, you might be overwhelmed.</i>
6	overwhelm	圧倒する 呆然とさせる	英英	have a strong emotional effect on
			例文	<i>As soon as you start investigating this matter, you might be overwhelmed.</i>
7	flaw	短所 欠点	英英	a fault or weakness in a person's character
			例文	<i>Every possible solution has its own flaws and strengths, and they often make intricate trade-offs.</i>
8	intricate	込み入った 複雑な	英英	very complicated or detailed
			例文	<i>Every possible solution has its own flaws and strengths, and they often make intricate trade-offs.</i>
9	trade-off	妥協、代償 トレードオフ	英英	a balance achieved between two desirable but incompatible features; a compromise
			例文	<i>Every possible solution has its own flaws and strengths, and they often make intricate trade-offs.</i>
10	strenuous	精力的な 熱心な	英英	requiring or using great exertion
			例文	<i>It requires long-term strenuous effort and a global alliance of all nations and related institutions.</i>
11	alliance	同盟 連合	英英	a union or association formed for mutual benefit, especially between countries or organizations
			例文	<i>It requires long-term strenuous effort and a global alliance of all nations and related institutions.</i>
12	paradoxically	逆説的に	英英	in a seemingly absurd or self-contradictory way
			例文	<i>Paradoxically, however, if you feel overwhelmed, you are on the right path.</i>
13	perseverance	忍耐強さ	英英	persistence in doing something despite difficulty or delay in achieving success
			例文	<i>We need to have perseverance to continuously work on the problem.</i>
14	complexity	複雑さ	英英	the state or quality of being intricate or complicated
			例文	<i>Hopefully people properly recognize the complexity of this problem without leaning towards ideologies.</i>
15	ideology	イデオロギ ー、観念	英英	a system of ideas, especially one which forms the basis of economic or political theory and policy
			例文	<i>Hopefully people properly recognize the complexity of this problem without leaning towards ideologies.</i>
16	fermentation	発酵	英英	the chemical breakdown of a substance by bacteria, yeasts, or other microorganisms
			例文	<i>Bioethanol is a biofuel produced through the fermentation of sugarcane and corn.</i>
17	sugarcane	サトウキビ	英英	a perennial tropical grass with tall stout jointed stems from which sugar is extracted
			例文	<i>Bioethanol is a biofuel produced through the fermentation of sugarcane and corn.</i>
18	substitute	代替 代理品	英英	a person or thing acting or serving in place of another
			例文	<i>It is expected to serve as a carbon-neutral substitute for fossil fuels.</i>
19	combustion	燃焼	英英	the process of burning something
			例文	<i>The carbon released during combustion was originally the one absorbed from the atmosphere by plants.</i>
20	absorb	吸収する	英英	take in or soak up (energy or a liquid or other substance) by chemical or physical action
			例文	<i>The carbon released during combustion was originally the one absorbed from the atmosphere by plants.</i>

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21	supply	供給	英英	the amount of a good or service offered for sale
			例文	<i>When grains are used for biofuels, it obviously reduces food supplies and leads to food price spikes.</i>
22	spike	急上昇	英英	a sharp increase in the magnitude or concentration of something
			例文	<i>When grains are used for biofuels, it obviously reduces food supplies and leads to food price spikes.</i>
23	evaluate	評価する	英英	form an idea of the amount, number, or value of; assess
			例文	<i>When we evaluate a certain energy source, we need to examine its energy profit ratio, or EPR.</i>
24	examine	調べる	英英	inspect (someone or something) in detail to determine their nature or condition
			例文	<i>When we evaluate a certain energy source, we need to examine its energy profit ratio, or EPR.</i>
25	refine	精製する	英英	remove impurities or unwanted elements from (a substance)
			例文	<i>Oil consumes energy for drilling, refining, and transporting.</i>
26	fertilizer	肥料	英英	a chemical or natural substance added to soil or land to increase its fertility
			例文	<i>Production of bioethanol also requires some input of energy, such as the use of chemical fertilizers.</i>
27	virtually	実質的に	英英	nearly; almost
			例文	<i>Talking about energy is virtually equal to talking about the economy.</i>
28	principle	原理	英英	a fundamental truth or proposition that serves as the foundation
			例文	<i>We cannot discuss the future of energy without taking the market principle into account.</i>
29	fluctuate	変動する	英英	rise and fall irregularly in number or amount
			例文	<i>The price of oil is constantly fluctuating, but it has been usually less than \$1 per liter.</i>
30	external	外部の 外側の	英英	belonging to or forming the outer surface or structure of something
			例文	<i>This is partly because its external costs are not reflected in the oil price.</i>
31	preferable	好ましい 適した	英英	more desirable or suitable
			例文	<i>We should create a market condition where people voluntarily and willingly take preferable actions.</i>
32	emission	排出 放出	英英	the production and discharge of something, especially gas or radiation
			例文	<i>If products with high carbon emission are costly, people will spontaneously avoid them.</i>
33	spontaneously	自発的に	英英	as a result of a sudden impulse and without premeditation
			例文	<i>If products with high carbon emission are costly, people will spontaneously avoid them.</i>
34	inherent	固有の 生まれつきの	英英	existing in something as a permanent, essential, or characteristic attribute
			例文	<i>Renewable energy sources are considered to be the favorites, but they have inherent disadvantages.</i>
35	prominent	顕著な 傑出した	英英	important; famous
			例文	<i>The prominent downside is that they are weather-dependent sources of energy.</i>
36	downside	否定的な側 面	英英	the negative aspect of something otherwise regarded as good or desirable
			例文	<i>The prominent downside is that they are weather-dependent sources of energy.</i>
37	respectively	それぞれ 各々	英英	separately or individually and in the order already mentioned
			例文	<i>Solar panels and wind turbines cannot operate during the night and on windless days, respectively.</i>
38	vary	異なる	英英	differ in size, amount, degree, or nature from something else of the same general class
			例文	<i>The amount of sunlight that hits the earth's surface varies across the four seasons.</i>
39	equator	赤道	英英	an imaginary line drawn around the earth equally distant from both poles, dividing the earth into two
			例文	<i>The variation of the amount of sunlight depends on how far the place is from the equator.</i>
40	stable	安定的な	英英	(of an object or structure) not likely to give way or overturn; firmly fixed
			例文	<i>While the supply from the renewables dramatically fluctuates, electricity demand is relatively stable.</i>

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41	reliable	信頼性のある	英英	consistently good in quality or performance; able to be trusted
			例文	<i>In order to fill those gaps, either we have to use other reliable sources complementarily.</i>
42	complimentarily	補完的に	英英	with the intent to combine in such a way as to enhance or emphasize the qualities of each other or another
			例文	<i>In order to fill those gaps, either we have to use other reliable sources complementarily.</i>
43	harness	動力化する 利用する	英英	control and make use of (natural resources), especially to produce energy
			例文	<i>They cannot harness solar energy during the storm.</i>
44	rip	引き裂く 剥ぎ取る	英英	tear or pull (something) quickly or forcibly away from something or someone
			例文	<i>The winds are so strong that they will rip the wind turbines apart if they aren't shut down.</i>
45	preserve	保存する	英英	maintain (something) in its original or existing state
			例文	<i>We have to choose the risk and cost of carbon emission or those with preserving spent nuclear fuel.</i>
46	confine	監禁する	英英	restrain or forbid someone from leaving
			例文	<i>Due to the COVID-19 pandemic, we were confined to our homes.</i>
47	bankrupt	破産した 倒産した	英英	(of a person or organization) declared in law unable to pay outstanding debts
			例文	<i>A lot of businesses went bankrupt, and millions of people lost their jobs.</i>
48	agony	苦痛 苦悩	英英	extreme physical or mental suffering
			例文	<i>Despite all this agony, the suspension of economic activities led to only a 4.5% decrease in carbon emissions.</i>
49	suspension	一時的停止 中断	英英	the temporary prevention of something from continuing or being in force or effect
			例文	<i>Despite all this agony, the suspension of economic activities led to only a 4.5% decrease in carbon emissions.</i>
50	implication	示唆 含意	英英	the conclusion that can be drawn from something although it is not explicitly stated
			例文	<i>The implication is that the energy issue cannot be solved by simple saving efforts alone.</i>
51	correlation	相関関係	英英	a mutual relationship or connection between two or more things
			例文	<i>There is a correlation between a country's per capita income and the amount of energy used by its people.</i>
52	per capita	一人あたり	英英	for each person; in relation to people taken individually
			例文	<i>There is a correlation between a country's per capita income and the amount of energy used by its people.</i>
53	humanitarian	人道的な	英英	concerned with or seeking to promote human welfare
			例文	<i>As humanitarian duties, we have to provide reading light to study in the evenings.</i>
54	refrigeration	冷蔵 冷却設備	英英	the process of subjecting food or drink to cold in order to chill or preserve it
			例文	<i>We have to provide refrigeration to store vaccines.</i>
55	thrive	栄える よく育つ	英英	(of a child, animal, or plant) grow or develop well or vigorously
			例文	<i>The world requires more energy so that all of us thrive, including the poorest.</i>
56	viable	実現可能な	英英	capable of working successfully; feasible
			例文	<i>We have to invest more resources to make nuclear fusion commercially viable.</i>
57	redistribution	再配分	英英	the distribution of something in a different way, typically to achieve greater social equality
			例文	<i>A smart grid enables efficient redistribution of power within a community.</i>
58	mature	成熟した	英英	having reached an advanced stage of mental or emotional development characteristic of an adult
			例文	<i>human society needs to mature in two ways; technological maturity and psychological maturity.</i>