

## 「RE100 TECHNICAL CRITERIA」の概要

「RE100 TECHNICAL CRITERIA<sup>(※)</sup>」において、再生可能エネルギー源と認められているのは、以下のものである。

1. バイオマス（バイオガスを含む）
2. 地熱
3. 太陽光
4. 水力
5. 風力

また、RE100 における再生可能エネルギー電気の調達方法は、下表のとおり定められている。記載のとおり、電気事業者から購入するほか、自家発電や電力証書の購入等も調達方法として認められている。なお、調達する再生可能エネルギー電気（電力証書を含む。）に付随する環境価値については、重複利用がなく、調達者単独の利用であると主張できることが必要となる。そのため、調達者は、電源情報とともに調達者へ環境価値を移転したこと及び第三者へ移転しないことの証明を電気事業者から得る必要がある。

表 RE100 における再生可能エネルギー電力の調達方法

<b>自家発電 (Self-generated electricity)</b>
1. 企業が保有する発電設備による発電
<b>購入電力 (Purchased electricity)</b>
2. 企業の敷地内に供給者が設置した設備から購入
3. 企業の敷地外に設置した発電設備から専用線を経由して直接購入
4. 企業の敷地外にある系統に接続した発電設備から直接購入
5. 供給者（電気事業者）との契約（グリーン電力メニュー）
6. 環境価値を切り離れた電力証書の購入
7. その他の方法

注：「その他の方法」では RE100 Technical Advisory Group が評価の上、RE100 の運営委員会が適正を判断する

資料：RE100 TECHNICAL CRITERIA を基に作成

**RE 100****JOIN NOW**

## How To Guide

### Companies joining RE100 make a global, public commitment to 100% renewable electricity.

To achieve this goal, they must match 100% of the electricity used across their global operations with electricity produced from renewable sources. These can include biomass (including biogas), geothermal, solar, water, and/or wind – either sourced from the market or self-produced.

#### What are the requirements to become a RE100 member?

##### 1. Meet the joining criteria

To join the RE100 initiative, companies must meet certain requirements (i.e. size, sector) outlined in the RE100 **joining criteria** ([downloads/RE100 Joining Criteria.pdf](#)). The commitment includes all electricity that a company consumes (including self-generated electricity).

##### 2. Set an ambitious RE100 target

RE100 companies must select a target date for achieving 100% renewable electricity. The minimum requirements are:

- 100% by 2050, with interim steps of at least:
- 60% by 2030;
- 90% by 2040

If a joining member company is already at 100% renewable electricity, they are invited to share the date they reached this achievement. In this case, and if the company has a year-on-year rolling target, its target year will be the reporting year.

The average target date for RE100 companies is 2028, with those based in more mature markets such as Europe and the US tending towards shorter timeframes. Based on the rate at which the global power system needs to be decarbonised to meet the ambitions in the Paris Agreement, no company should set a date later than 2050. **Setting a 100% renewable electricity target by 2030 at the latest shows a strong level of leadership.**

The target applies to all operations globally, but companies have the possibility to exclude from the scope of their target some small operations which have negligible impact on local demand, up to 100 MWh per market for a limited number of markets. The full details are available in our **Materiality Threshold** ([media.virbcdn.com/files/6e/b1012f213ef45d02-RE100MaterialityThresholdDec2019.pdf](#)) document.

##### 3. Source renewable electricity in line with the RE100 criteria

RE100 member companies must progress towards their 100% commitment in line with the RE100 criteria, contained in the following three documents:

A. **Technical Criteria** ([media.virbcdn.com/files/73/4c55f6034585b02f-RE100TechnicalCriteria.pdf](#)) (a version in **Mandarin Chinese** ([media.virbcdn.com/files/2f/b50645f29da10098-RE100TechnicalCriteria\\_Chinese.pdf](#)) is also available), which gives details on:

- The technologies that we consider to be renewable;
- The sourcing options we recognise (both self-generation and purchase options);
- How to make credible unique use claims depending on the sourcing option chosen

B. **Guidance on making credible renewable electricity usage claims** ([media.virbcdn.com/files/62/53dc80177b9cc962-RE100CREDIBLECLAIMS.pdf](#)), providing details on:

- How renewable electricity claims are distinct from offsetting claims;
- The attributes needed to claim renewable electricity usage;
- The definition of a credible attribute tracking system – we have identified that RECS (US and Canada), GOs or REGO (Europe), T-REC (Taiwan), Green Power Certificate/J-Credit (renewables) (Japan), I-REC (International) and TIGR (International) meet those criteria

C. **Market boundary criteria** ([/media.virbcdn.com/files/7e/191491523d3effa5-27052019\\_NoteonMarketBoundaryCriteria.pdf](/media.virbcdn.com/files/7e/191491523d3effa5-27052019_NoteonMarketBoundaryCriteria.pdf)), defining what can be considered as a single electricity market; to comply with RE100, the electricity consumed by the members must be produced within the same market boundary as it is consumed. So far, the market boundaries are country boundaries, except from the European and the North American markets.

#### 4. Report progress annually

Company progress towards 100% renewable electricity must be reported annually via the RE100 Reporting Spreadsheet or **CDP's Climate Change questionnaire**. (<https://guidance.cdp.net/en/tags?cid=2&ctype=theme&gettags=0&idtype=ThemeID&incchild=1&microsite=1&otype=Guidance&page=1&tgprompt=TG-124%2CTG-127%2CTG-125>) Consumption and production of renewable electricity need to meet credibility and transparency requirements.

The data collected is published in the **RE100 annual reports** (<http://there100.org/reports-briefings>) and provides the insights on corporate renewable electricity sourcing and aggregated demand, that drive and direct our policy work globally.

#### 5. Communicate transparently on the barriers faced

Procuring renewable electricity in some markets is challenging and we recognise that corporate ambition to reach 100% may outpace availability in some areas.

If a company does not reach their 100% target because they cannot make credible claims of renewable electricity use in a market, this is does not represent a failure of the company. Rather, it is an opportunity to use their influence in combination with other RE100 members and supporting organisations to advocate for market change.

If none of the sourcing options considered as credible in the RE100 criteria is available – including onsite self-generation – we recommend that:

- Companies communicate transparently and publicly on the barriers they face in those markets and countries, as their voices are powerful;
- Companies operating in the country try to aggregate their demand and to develop a solution. We are happy to discuss opportunities to connect members in regions where sourcing renewable electricity is particularly challenging;
- Companies engage with key stakeholders such as governments and energy companies to develop new options that suit their needs.

Renewable energy is a fast-evolving sector and we expect that all regions will have renewable energy sourcing options available in the near future.

#### What is considered as leadership for corporate sourcing of renewable electricity?

There are multiple ways in which a company can demonstrate leadership on renewable electricity. **The leadership paper** (</media.virbcdn.com/files/ef/f8e97377fa5493be-RE100LeadershipPaper.pdf>) provides a framework for companies seeking to demonstrate leadership in the transition to 100% renewable electricity, and gives examples of best practice already being implemented by leading RE100 members.

#### Contact

For queries related to the joining criteria or to get in touch about joining RE100, please contact [info@RE100.org](mailto:info@RE100.org) (<mailto:info@RE100.org>).

For more information about the technical criteria, or any technical questions, please contact [re100@CDP.net](mailto:re100@CDP.net) (<mailto:re100@CDP.net>).

[JOIN NOW \(MAILTO:INFO@RE100.ORG%20\)](mailto:info@RE100.org)

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<http://there100.org/going-100>

## 提出様式例

〇〇年〇月〇日

## 特定電源割当証明書

●●●●  
〇〇 〇〇 様〇〇県〇〇市〇〇  
株式会社〇〇〇〇  
代表取締役 〇〇 〇〇 印

〇〇年〇半期に以下の通り●●●●に電力を供給したことをここに証する。

また、供給電源情報に記載の割当電力量に係る環境価値について、●●●●に移転したこと、いかなる第三者へも移転されていないことをここに証する。

## 1 お客様情報

お客様番号 〇〇〇〇  
需要施設名 〇〇〇〇  
需要施設住所 〇〇県〇〇市〇〇  
契約電力 〇〇〇〇 kW

## 2 供給期間

〇〇年〇月〇日～〇月〇日

## 3 再生可能エネルギー由来電力量の情報（各月の内訳は別紙のとおり）

区分	4月	5月	6月	7月	8月	9月	10月	11月	12月	1月	2月	3月	累積
再エネ由来電力量 (kWh)【A】													
供給電力量 (kWh)【B】													
再エネ比率 (%)【A/B】													

## 【別紙】再生可能エネルギー由来電力量の内訳（〇月）

## 1 再エネ電気

供給元発電所名	住所	再生可能エネルギー源種類	割当電力量(kWh)
〇〇発電所	〇〇県〇〇市〇〇	水力	〇〇
合計(kWh)			

## 2 証書による環境価値移転量（環境価値を持つ証書を用いた電力メニューを提供する場合のみ記載）

供給元発電所名	住所	再生可能エネルギー源種類	環境価値移転量	発電期間	認証番号
〇〇発電所	〇〇県〇〇市〇〇	太陽光	〇〇	〇年〇月〇日～〇年〇月〇日	〇〇
合計(kWh)					

総計(kWh)