

# Sustainability Challenges Create your renewable power profile

# Build your sustainability strategy with ENGIE

With a full range of off-site renewable solutions, ENGIE is uniquely positioned to build the right sustainable solution for your business – one that delivers the value you're looking to achieve at the speed, risks, and terms you're willing to accept.



## **Opportunity Assessment Questions**

A. Where are you Located?					C. What is your credit Score?				
ERCOT	PJM	NYISO	ISO-NE	MISO	Low	Medium	High		
<b>B.</b> What is yo	our Annua	l Volume	?		<b>D.</b> Which Renewable Technology are you considering? Please check all that apply.				
3,000 - 25,000 MWh	25,000 - 50,000 MV		0 + MWh		Solar	Wind	Hydro	Other	

## 12 Steps to Renewable Solution

#### 1. How important is additionality?

Although a clear standard is yet to exist for additionality in the renewables market, the term is generally used to describe transactions that support the construction of new clean energy facilities. There are "additional" emissions reductions that happen when companies invest in renewable assets that would not otherwise exist.







Neutral





Moderately Highly Important Important

### **2.** Is the locality/proximity of the renewable energy facility important?

Certain renewable product structures allow customers to point to a specific source of power within a certain proximity (same state, RTO, or elsewhere) for their operations. This gives organizations the benefit of investing in the local production of renewable energy.











Not Somewhat Important Important

Neutral

Moderately Important Important

### 3. How flexible are you in the selection of renewable technology to support your sustainable solution?

Some renewable solutions are designed around a specific existing asset while others can be customized to a preference for solar, wind, hydro or other generation options. Understanding your flexibility in the type of renewable asset that supports your solution will be key in building the right strategy for your business.



Not Flexible



Flexible









Flexible

#### **4.** Is sustainability impact important?

Understanding the sustainability impact your company is looking to achieve will help guide you to the most suitable renewable product. If your company has established targets or a green road map, think about where you are in achieving those goals and how much progress you still need to make.



Important Important









Important Important

5. How important is referencing the renewable asset in a marketing claim as a result of your renewable energy purchasing decision?

The ability to point to a specific renewable asset and make marketing and environmental claims reinforces the strength of sustainable brands. A wide range of marketing rights exist in the spectrum of renewable products.





Important Important

Somewhat



Neutral



Moderately Highly Important Important

#### **6.** Is contract term flexibility (ability to contract shorter terms) important?

A number of drivers play a role in the term commitments of renewable products. Assetbased PPAs can require anywhere from 15 to 20 or more years, while a retail green supply agreement is typically three or more years.











Not Somewhat Important Important

Neutral

Moderately Highly Important Important

## 12 Steps to Renewable Solution

#### 7. What is your preferred contract time?

The contract execution timeline required to deliver a renewable product depends on the product type. Some can take one to two months while others can take one to two years, and carry the risk of delays.





Neutral





### **8.** Are you willing to accept price risks to take advantage of market opportunities?

Categorize your company as "not willing" or "somewhat willing" if you would rather lock in vour price risk and eliminate the potential of material movements in the basis curve.



2 Somewhat Willing



4 Willing Neutral



### **9.** Are you willing to accept volume risks to take advantage of market opportunities?

Categorize your company as "not willing" or "somewhat willing" if you would rather firm up your volume risk to eliminate exposure to realtime spot market volatility when your load is short or long, relative to your renewable supply.





Willing







Very Willing

#### **10.** Is budget certainty important?

Taking into account your appetite for price and volume risks, think about how important budget certainty is to your operations and financial planning. If your company requires consistency and predictability in month-to-month costs, budget certainty may be "highly important" to you.



Important Important







Important Important



**11.** How important is contract simplicity?

Certain renewable products require complex legal agreements that are often accompanied by lengthy negotiations and intricate compliance, tax, and accounting requirements. Your ability and willingness to handle such contract structures will play a significant role in determining the right renewable strategy for your business.















#### **12.** Are you willing to accept developer credit risk?

Contracting with renewable energy developers carries a risk of default or contract termination that stems from the developer'scredit rating. If you would rather transact with a reputable counterparty like ENGIE - whose balance sheet can help mitigate counterparty risks of default or termination - you may be "not willing" or "somewhat willing" to accept developer credit risk.











# Let This Assessment Guide You to the Most Suitable Renewable Product

In the chart below, fill in how you rank in each key characteristic to determine the most suitable off-site renewable solution for your business. For certain characteristics, a range exists that can be customized to customer requirements when building solutions. For example, 1-5 means that product can be built to accommodate the spectrum of requirements for that specific characteristic.



Key Characteristics	My Score	RECs	Portfolio-Based Solutions	Custom Structured Solutions	PPA VPPA
1. Additionality		1	1-5	1-5	5
2. Locality / Proximity		1-2	3-5	3-5	1-5
3. Technology Type Flexibility		1	1-3	3-5	5
4. Sustainability Impact		1	3-5	3-5	5
5. Renewable Asset Referencing		1	5	5	5
6. Contract Term Flexibility		1	3-5	1-4	5
7. Contracting Time		1	1	1-4	5
8. Price Risk		1	1	1-3	5
9. Volume Risk		1	1	1-3	5
10. Budget Certainty		5	5	3-5	1
11. Contract Simplicity		5	5	3-5	1
12. Developer Credit Risk		1	1	1-3	3-5

NOTE: In Connecticut, suppliers may not market products as "renewable energy" unless the offer is supported by an ownership in or a PPA for a renewable resource used to serve the contract. RECs may originate only from ISO-NE, New York ISO, or PJM control areas and RECs may originate only from sources designed as Class 1.