

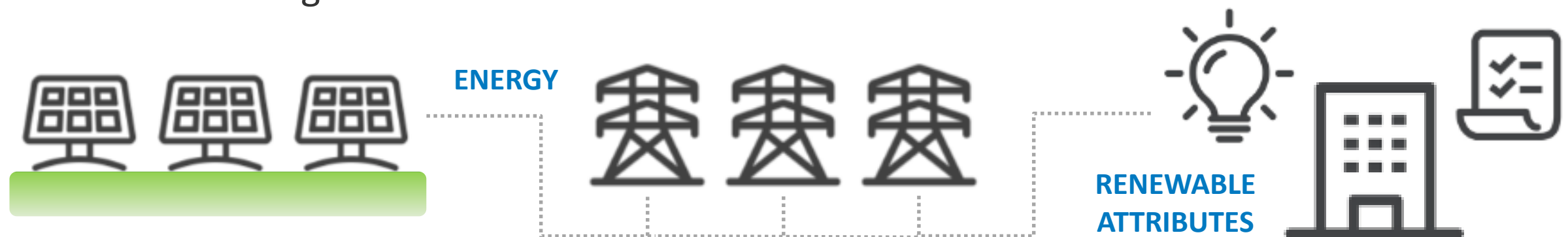


Renewable Energy Certificates (RECs) Lake County Illinois

Renewable Energy Credits

Renewable Energy Certificates (RECs) **offset greenhouse gas emissions** from electricity consumed by your organization while funding the operation and development of domestic renewable energy.

1 REC = 1 MWh generated from renewable resources



A. A renewable generator produces energy and associated renewable attributes

B. The energy is delivered to the grid

C. The attributes are separately valued in the market and sold separately to buyers

**Renewable
Energy
Generation**

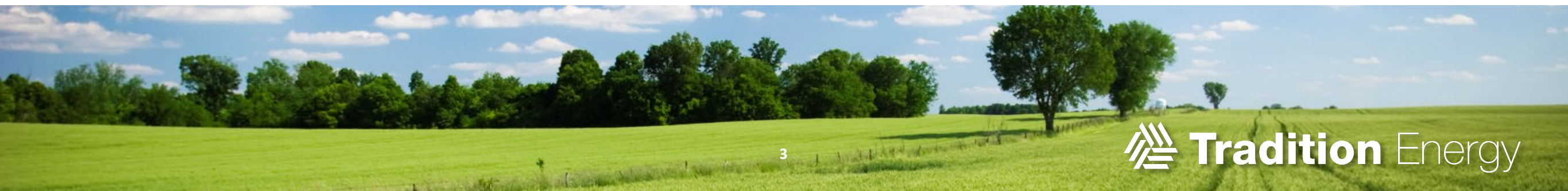
Environmental & Other Attributes

Commodity Electricity

What are the Types of RECs?

All RECs are: certified; have an attestation that it is genuine; or, tracked in a standard system, like Generation Attribute Tracking

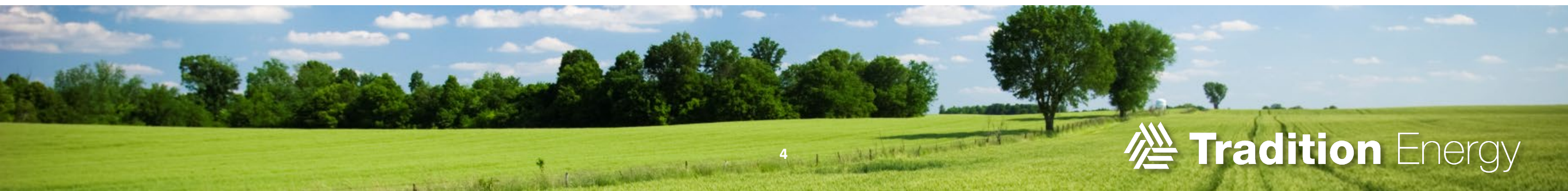
REC Type	Description
National REC	A REC that is generated anywhere in the US from a renewable resource. It can be Green-e certified. Green-e certified RECs are required to disclose the quantity, type and geographic source of each certificate.
Region-Specific REC	RECs from a particular state, region, or ISO that ensure appropriate “local” nature of the generation resource
Resource or Unit-Specific REC	RECs tied directly to the generator from which they were sourced
RPS Compliance REC	RECs with technology, regional, and vintage characteristics that meet the state mandates for Renewable Portfolio Standards



Why Purchase RECs?

Buying renewable energy can help an organization meet environmental, financial & stakeholder relations objectives:

- Make a claim that your business runs on 100% renewable energy
- Support your company's ESG target
- Demonstrate civic leadership
- Generate positive publicity
- Improve employee morale
- Differentiate products, services brands



A Brief Guide to Making Green Claims

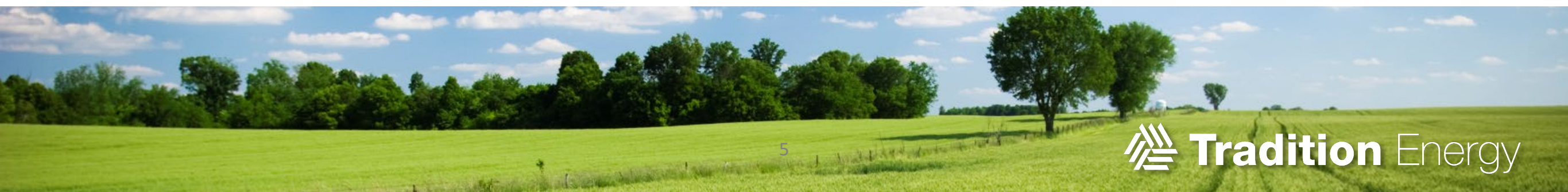
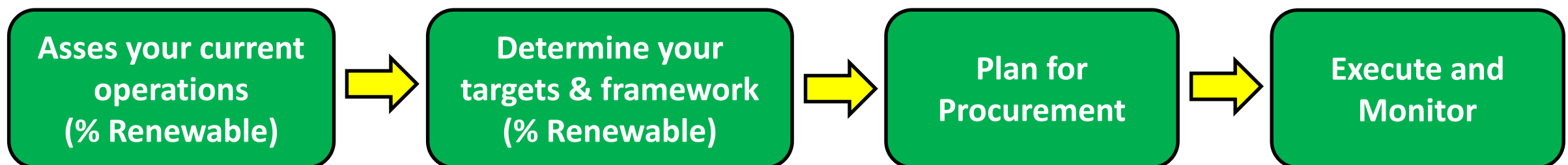
If you are claiming a portion or all of your operations as renewable your “claim” is likely defined by the framework(s) your organization chooses – examples: RE100, Federal Trade Commission (FTC) Green Guides, Science Based Targets, Global Reporting Initiative, etc.

Most claims and frameworks require:

- ✓ Credible generation data (i.e. utility data or billing system data)
- ✓ Exclusive ownership (no double counting) of attributes
- ✓ Exclusive claims (no double claiming) on attributes
- ✓ Vintage limitations of claims (i.e. claim for 2022 operations requires 2022 RECs)

Some may also require:

- ✓ Geographic market limitations of claims (i.e. local)



Bid Results

Supplier Fixed Price Comparison / Savings and Budget Analysis *

Terms	YEAR 1	Year 2			
Start Date	Jul-22	Jan-23			
End Date	Jan-23	Jul-23			
MWH Usage	9,400	9,150			
3Phases	3.15	3.81			
Proj. Energy Budget	\$29,610	\$34,862			
CREDIT: Pending Product: US Wind (Green-E) PAY TERM: Upfront					
Freepoint	2.50	2.95			
Proj. Energy Budget	\$23,500	\$26,993			
CREDIT: Pending Product: US Wind (Green-E) PAY TERM: Upfront					
MP2	2.05	2.75			
Proj. Energy Budget	\$19,270	\$25,163			
CREDIT: Pending Product: US Wind (Green-E) PAY TERM: Upfront					
Direct Energy	2.50	3.50			
Proj. Energy Budget	\$23,500	\$32,025			
CREDIT: Pending Product: US Wind (Green-E) PAY TERM: Upfront					
Constellation	3.85	4.90			
Proj. Energy Budget	\$36,190	\$44,835			
CREDIT: Pending Product: US Wind (Green-E) PAY TERM: Upfront					

*Does Not Include taxes

This document is the property of, and is proprietary to, TFS Energy Solutions, LLC and/or any of its members, affiliates, and subsidiaries (collectively "TFS") and is identified as "Confidential." Those parties to whom it is distributed shall exercise the same degree of custody and care afforded their own such information. TFS makes no claims concerning the validity of the information provided herein and will not be held liable for any use of this information. The information provided herein may be displayed and printed for your internal use only and may not reproduced, retransmitted, distributed, disseminated, sold, published, broadcast or circulated to anyone without the express written consent of TFS.

Copyright © 2022 TFS Energy Solutions, LLC d/b/a Tradition Energy