

Greening WRAP Travel

Through Purchasing
Renewable Energy Certificates or
Green Tags

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What is a Renewable Energy Certificate?

- It is a certificate purchased by the consumer (You) to off-set your travel related air pollution emissions.
- By purchasing RECs you invest in renewable energy development and you support the environment by providing a substitute for fossil fuel generated power.
- RECs for an average trip cost less than \$20. To offset emissions for a trip from Denver to Seattle for a 2.5 day meeting would cost about \$14.
- RECs can be purchased on the internet, or just mail a check to the REC vendor of your choice.



What is a Renewable Energy Certificate?

- A Renewable energy certificate is equivalent to the production of 1 Megawatt hour of clean energy.
- A REC reflects the environmental benefits from utilizing renewable energy sources like the sun, wind or geothermal activity.
- Purchasing 1 REC is equivalent to offsetting 1,400 pounds of CO₂ from a traditional fossil fuel burning power plant.



Renewable Energy Certificate Vendor List and Quality Assurance Criteria

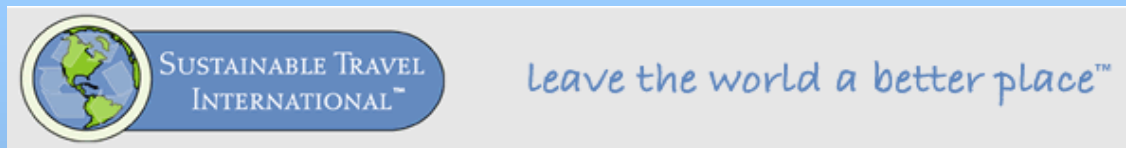
Vendor	¹ REC Certified	Emissions Calculator	² Facilities Endorsed	Tribal Projects	# Years in Business
www.3phases.com	X		X		12
www.carbonfund.org	X	X	X	X	3
www.cleanandgreen.us	X				?
www.climatesave.com	X	EPA site			20
www.greentagsusa.org	X	X	X	X	8
www.nativeenergy.com	X	X	X	X	6
www.pvusasolar.com	X	X			3
www.sky-energy.com	X				4
www.sunpower.org		ClimateSave			5
www.sustainabletravelinternational.org	X	X	X	X	4
www.windcurrent.com	X				3

¹**REC Certified** means renewable energy certificates are calculated using standards established by **Green-e** an environmental and consumer protection organization, according to international Kyoto protocol or using **WWF Gold Standard**.

²**Facilities Endorsed** means the Clean energy projects are endorsed by leading environmental groups such as the Natural Resources Defense Council or the Environmental Defense Fund.

Which Vendor Do I Choose?

Four REC Vendors met all 5 criteria so how are they different?



- » Did you Fly or Drive to this meeting?
- » How many miles did you travel?
- » How many miles per gallon does your vehicle get?
- » How many days and nights will you be away?

Solar

Wind

Biomass

Carbon Sequestration

Local

Tribal

National

International

REC Vendors will be linked to all WRAP Meeting and Events Announcements



CALCULATE YOUR WRAP TRAVEL FOOTPRINT

For Example:

Air Travel:	1,600 miles round trip
Automobile Travel:	300 miles round trip
Hotels/Lodging:	2.5 nights



RECs Needed:	1.36 @ \$10 each (price will vary)
Total Offset:	1,904 lbs CO2
Total Cost:	\$13.60



To mitigate climate impacts on every WRAP trip you make.
Buying REC offsets is the climate friendly action to take.