# BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Rulemaking Regarding Whether, or Subject to What Conditions, the Suspension of Direct Access May Be Lifted Consistent with Assembly Bill 1X and Decision 01-09-060.

Rulemaking 07-05-025 (Filed May 24, 2007)

#### NOTICE OF EX PARTE COMMUNICATIONS

Pursuant to Rule 8.4 of the Rules of Practice and Procedure of the California Public Utilities Commission ("Commission"), the Marin Energy Authority ("MEA"), City and County of San Francisco ("CCSF"), Retail Energy Supply Association ("RESA"), the Alliance for Retail Energy Markets ("AReM") and the Direct Access Customer Coalition ("DACC") provide the following joint notice of ex parte communications. On Friday, September 16, 2011, three ex parte meetings were held with Damon Franz, advisor to President Peevey, Bishu Chatterjee, advisor to Commissioner Simon and Stephen St. Marie, advisor to Commissioner Sandoval. The meetings were held from 11:00 to 11:30, 11:30 to 12:00 and 2:00 to 2:30, respectively.

The meetings were initiated by Daniel Douglass, counsel to AReM and DACC, who was joined by Elizabeth Rasmussen of MEA, Jeanne Sole and Michael Campbell of CCSF and Sue Mara of RESA. Representing DACC were Chris Hendrix of Walmart, Dirk van Ulden of the University of California, Len Pettis of the California State University and Michael Rochman of the School Project for Utility Rate Reduction. The meetings occurred at the office of the Commission at 505 Van Ness Avenue, San Francisco, and each lasted for approximately thirty minutes.

The purpose of the meetings was to discuss the proposed decision ("PD") issued in this docket on August 23, 2011. Using the attached document as a conversation guide, the discussion

first focused on issues pertaining to the Power Charge Indifference Amount ("PCIA"). It was noted that the Joint Parties' proposal properly values renewables in the IOU portfolio. Opposition was expressed to the element of the proposed RPS adder that ascribes 32% of the adder to a DOE premium that significantly understates the value of wholesale RPS renewables in California, and in fact does not even purport to measure this metric. Ms. Rasmussen provided a copy of the attached DOE's Green Pricing table and explained how inaccurate it was with regard to MEA's actual costs for renewable power. General support was expressed for the PCIA aspects of the PD, with a recommendation that the RPS adder be revised to eliminate the DOE premium element and that the Commission move to approve the PCIA revisions.

Turning next to the financial security requirement ("FSR") for electric service providers ("ESPs"), the parties expressed significant concerns with the PD's misinterpretation of the relevant statute, the extreme volatility of the adopted formula for calculating the FSR and the exorbitant costs that would be imposed on and severely damage the direct access market. It was recommended that a revised alternate PD should adopt the Joint Parties' proposal for having involuntarily returned customers placed on the temporary bundled service rate as a means of keeping the FSR at a more reasonable level. It was also noted that the PD's requirement that any third party guarantor must be AA-rated is also unnecessary, adds more to the cost of the FSR and will make it very difficult for ESPs to find qualifying guarantors. It was recommended that investment grade standing should be sufficient and an investment grade corporate parent should be eligible to serve as a guarantor. As an option, the participants also suggested a subsequent phase of the proceeding to consider the impact of the proposed FSR on ESPs and the adoption of a reasonable alternative that will not create barriers to entry for ESPs.

Ms. Mara presented a document (copy attached) that summarized security requirements for retail providers in other states with competitive markets. She also offered two graphs that

compared competitive market states with respect to the percentage of statewide load that has switched to direct access and the number of registered providers in each state. The purpose of the graphs were to illustrate the fact that despite the fact that California was the first state in the country to permit retail competition, it has gradually adopted barriers that are unfriendly to retail competition and discourage competition. The FSR proposal would be an additional and substantial barrier to competition that will harm competitive choice significantly

MEA and CCSF also expressed concern that the financial security requirement currently under consideration in the direct access docket should not in any event be made applicable to community choice aggregators ("CCAs"). The history of the CCA settlement on the financial security requirement was discussed, with MEA and CCSF noting that neither were parties to the settlement for the CCA bond amount filed with the Commission on June 24, 2009, in proceeding R.03-10-003. It was pointed out that the Commission needs to consider the financial security requirement for CCAs in R.03-10-003 and that the proposal under consideration in the direct access docket would be highly burdensome, costly, problematical and unnecessary.

Respectfully submitted,

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AND ON BEHALF OF THE

CITY AND COUNTY OF SAN FRANCISCO AND THE RETAIL ENERGY SUPPLY ASSOCIATION

September 21, 2011

## R.07-05-025 - Ex Parte Meeting Notes

### **PCIA** Issues:

- The Joint Parties' proposal properly values renewables in the IOU portfolio since until 2020, the value to bundled customers of departing load is that the IOU reduces the amount of additional RPS resources it must acquire as the RPS requirement ramps up.
- The DOE premium significantly understates the value of wholesale RPS renewables in California, as it does not even purport to measure this metric.
- There is no transparent, reliable REC index available, and even if there were, a fair valuation of renewables in the IOU portfolio would have to include a blend of prices for each of the categories of renewables available to meet the RPS.

## Financial Security Requirement (FSR) Issues:

• The PD misinterprets the law, which states as follows:

If a customer of an electric service provider or a community choice aggregator is involuntarily returned to service provided by an electrical corporation, any reentry fee imposed on that customer that the commission deems is *necessary to avoid imposing costs on other customers of the electrical corporation* shall be the obligation of the electric service provider or a community choice aggregator . . .[emphasis added]

The reference to "other customers" of the IOU clearly should be read to mean customers other than the DA customers who are involuntarily returned. The PD goes beyond the wording of the statute and seeks to protect not solely the other customers of the utility but also the returned customers themselves. This causes (1) a grossly inflated FSR since it includes the procurement costs of the returned DA customers for a year's time; and (2) significantly harms the interests of DA customers who will have to bear the FSR costs.

- Increases in volatility and energy prices within historical experience can cause the cost of a bond for an ESP to be so large as to make it uneconomical to participate in the Direct Access market (citing at p. 57 of the PD the \$1.1 million cost for an ESP with \$2 million in revenues).
- The bonding requirement adopted in the PD would seriously damage the Direct Access market; discourage ESPs from selling to customers; and discourage customers from entering into contracts for Direct Access service.
- The security requirement is far above those imposed on ESPs in successful retail markets across the nation (see relevant RESA charts).
- The existing tariff provisions that require all returning Direct Access customers to take Transitional Bundled Service is a tested and effective means of ensuring that bundled customers are not burdened with additional costs due to the return of Direct Access customers.

- The requirement that a third party guarantor must be AA Rated is excessive and unreasonable. Investment grade standing should be sufficient and an investment grade corporate parent should be eligible to serve as a guarantor.
- The Commission should order another phase to determine how the FSR should be calculated and implemented.

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#### Green Pricing

Table of Utility Programs by State

List of Utilities Offering Green Power

Top Ten Utility Green Power Programs

Green Power Marketing

Renewable Energy Certificates (RECs)

Greenhouse Gas Offsets

Green Power Policies

Community Renewable Energy Development

# **Green Pricing**Utility Programs by State

The table shown here summarizes utility green pricing programs by state. Please contact our <u>Webmaster</u> if you have more recent information regarding these or new green pricing programs.

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Company and product listings do not represent endorsement by either the National Renewable Energy Laboratory or the U.S. Department of Energy.

State	Utility Name	Program Name	Туре	Start Date	Premium
ΔL	Alabama Power Company	Renewable Energy Rate	biomass co-firing (wood)	2003/2000	4.5¢/kWh
AL	PowerSouth Energy Cooperative: City of Andalusia, Baldwin Electric Membership Cooperative, City of Brundidge, Central Alabama Electric Cooperative, Clarke- Washington Electric Membership Cooperative, Coosa Valley Electric Cooperative, Covington Electric Cooperative, Dixie Electric Cooperative, City of Elba, City of Opp, Pea River Electric Cooperative, Pioneer Electric Cooperative, South Alabama Electric Cooperative, Southern Pine Electric Cooperative, Tallapoosa River Electric Cooperative, Wiregrass Electric Cooperative, Wiregrass Electric Cooperative, Wiregrass Electric Cooperative, Wiregrass Electric Cooperative	<u>Green Power Choice</u>	landfill gas	2006	2.0¢/kWh
AL	TVA: City of Athens Electric Department, Cherokee Electric Coop, Cullman Electric Coop, Cullman Power Board, Decatur Utilities, Florence Utilities, Guntersville Electric Board, Hartselle Utilities, Huntsville Utilities, Joe Wheeler EMC, Marshall-DeKalb Electric Coop, Muscle Shoals Electric Board, North Alabama Electric Coop, Sand Mountain Electric Coop, Scottsboro Electric Power Board, Sheffield Utilities, Tuscumbia Electric Department	<u>Green Power Switch</u>	landfill gas, PV, wind	2000	2.67¢/kWh
AK	Golden Valley Electric Association	Sustainable Natural Alternative Power (SNAP)	various local projects	2005	Contribution
AZ	Arizona Public Service	Green Choice	wind and geothermal	2007	0.4¢/kWh
AZ	Salt River Project	<u>EarthWise Energy</u>	central PV, wind, landfill gas, small hydro, geothermal	1998/2001	3.0¢/kWh
AZ	Tri-State Generation & Transmission: Columbus Electric Cooperative, Inc.	Renewable Resource Power Service	wind, hydro	2001	0.8¢/kWh
AZ	Tucson Electric	<u>GreenWatts</u>	landfill gas, PV	2000	10¢/kWh
AZ	UniSource Energy Services	<u>GreenWatts</u>	PV	2004	10¢/kWh
ĀR	Electric Cooperatives of Arkansas: (17 distribution coops) Arkansas Valley Electric Cooperative Corp., Ashley-Chicot Electric Cooperative, Inc., C&I. Electric Cooperative Corp., Carroll Electric Cooperative Corp., Clay County Electric Cooperative Corp., Craighead Electric Cooperative	ECA Green Power	hydro	2008	5.0¢/kWh

1				1	
	Corp., Farmers Electric				
	Cooperative Corp., First Electric				
	Cooperative Corp., Mississippi				
	County Electric Cooperative, Inc., North Arkansas Electric				
	Cooperative, Inc. Ouachita				
	Electric Cooperative Corp., Ozarks				
	Electric Cooperative Corp., Petit				
	Jean Electric Cooperative Corp.,				
	Rich Mountain Electric				
	Cooperative, Inc. Southwest				
	Arkansas Electric Cooperative Corp., South Central Arkansas				
	Electric Cooperative, Inc.,				
	Woodruff Electric Cooperative				
	Corp.				
CA	Anaheim Public Utilities	Sun Power for the Schools	PV	2002	Contribution
CA	Anaheim Public Utilities	Green Power for the Grid	wind, landfill gas	2002	1.5¢/kWh
CA	Burbank Water and Power	Green Energy Champion	various	2007	2.0¢/kWh
CA	Los Angeles Department of Water	Green Power for a	wind,	1999	3.0¢/kWh
<u> </u>	and Power	Green LA	landfill gas	2000	0.0+#::"
CA	Marin Energy Authority: City of	<u>Liaht Green</u>	25% renewable	2008	0.0¢/kWh
	Belvedere, Town of Fairfax, County of Marin, City of Mill		renewable		
	Valley, Town of San Anselmo, City				
	of San Rafael, City of Sausalito,				
L	Town of Tiburon				
CA	Marin Energy Authority: City of	Deep Green	100%	2010	1.0¢/kWh
	Belvedere, Town of Fairfax,		renewable		
	County of Marin, City of Mill				
	Valley, Town of San Anselmo, City				
	of San Rafael, City of Sausalito, Town of Tiburon		agrana day		
			. ,	2000	4.05.4114
CA	PacifiCorp: Pacific Power	Blue Sky Block	wind	2000	1.95¢/kWh
CA	Palo Alto Utilities / 3Degrees	Palo Alto Green	wind, PV	2003 /	1.5¢/kWh
				2000	
CA	Pasadena Water & Power	Green Power	wind	2003	2.5¢/kWh
CA	Roseville Electric	Green Roseville	wind, PV	2005	1.5¢/kWh
CA	Sacramento Municipal Utility	Greeneray	wind,	1997	1.0¢/kWh or
	District		landfill gas, hydro, PV		\$6/month
CA	Sacramento Municipal Utility District	<u>SolarShares</u>	PV	2007	5.0¢kWh or \$30/month
CA	Silicon Valley Power / 3Degrees	Santa Clara Green Power	wind, PV	2004	1.5¢/kWh
CA	Truckee Donner PUD	Voluntary Renewable	wind	2008	2.0¢/kWh
		Energy Certificates Program			2.0 4/ 1.111
СО	Colorado Springs Utilities	Green Power	wind	1999	3.0¢/kWh
			WITH		
СО	Colorado Springs Utilities	Renewable Energy	wind and	2008	0.34¢/kWh
		Certificates Program	geothermal		
СО	Holy Cross Energy	Wind Power Pioneers	wind	1998	1.5¢/kWh
CO	Holy Cross Energy	<u>Local Renewable</u>	small	2002	2.33¢/kWh
	36-26	Energy Pool	hydro, PV		
со	Intermountain Rural Electric Association / Sterling Planet	<u>National Wind</u>	wind	2006	1.0¢/kWh
со	Intermountain Rural Electric	National Solar	solar	2006	5.5¢/kWh
L	Association / Sterling Planet				
со	Platte River Power Authority:	Wind Energy Premium	wind	1999	1.0¢/kWh-
	Estes Park, Fort Collins Utilities.				2.5¢/kWh
	Longmont Power &				
	Communications, Loveland Water		PRODUCTION		
	& Power				
CO	Tri-State Generation &	Renewable Resource	wind, hydro	1998	0.8¢/kWh
	<u>Transmission: Delta-Montrose</u> <u>Electric Association. Empire</u>	Power Service			
	Electric Association, Embire				
	Gunnison County Electric				
	Association, Inc., Highline Electric				
	Association. La Plata Electric				
	Association, Inc., Morgan County				
	Rural Electric Association				
	Mountain Parks Electric, Inc., Mountain View Electric				
	Association, Inc., Poudre Valley				
	Rural Electric Association, Inc.				
	San Isabel Electric Association.				
	Inc., San Luis Valley Rural Electric				
	Cooperative, Inc., San Miguel				
	Power Association, Inc., Sangre				
	de Cristo Electric Association.				
	Inc., Southeast Colorado Power Association, United Power, Inc.		-		
i	CHARLEST AND	i	i	ł .	I
	White River Electric Association.				

	Inc., Y-W Electric Association, Inc.		-		
0	Xcel Energy	Renewable Energy Trust	PV	1993	Contribution
0	Xcel Energy	WindSource	wind	1997	-0.67¢/kWh
0	Yampa Valley Electric Association	Wind Energy Program	wind	1999	0.6¢/kWh
E	Delaware Electric Cooperative	Renewable Energy Rider	landfill gas	2006	0.2¢/kWh
	City of Tallahassee/Sterling Planet	Green for You	biomass, PV	2002	1.6¢/kWh
L	City of Tallahassee/Sterling Planet	Green for You	PV only	2002	11.6¢/kWh
L	Gainesville Regional Utilities	GRUgreen Energy	landfill gas, wind, PV	2003	2.0¢/kWh
L	Kevs Energy Services / Sterling Planet	GO GREEN: USA Green	wind, biomass,PV	2004	1.60¢/kWh
L	Keys Energy Services / Sterling Planet	GO GREEN: Florida Ever Green	solar hot water, PV, biomass	2004	2.75¢/kWh
L	PowerSouth Energy Cooperative: CHELCO, Escambia River Electric Cooperative, Gulf Coast Electric Cooperative, West Florida Electric Cooperative	Green Power Choice	landfill gas	2006	2.0¢/kWh
L	Tampa Electric Company (TECO)	Renewable Energy	PV, landfill, biomass co-firing (wood)	2001	2.5¢/kWh
L	Utilities Commission City of New Smyrna Beach	Green Fund	local PV projects	1999	Contribution
šΑ	Georgia Electric Membership Corporation (35 of 42 coops offer program): Altamaha EMC. Amicalola EMC. Canoochee EMC. Carroll EMC. Central Georgia EMC. Cobb EMC. Coastal Electric. Colquitt EMC. Coweta-Fayette EMC. Diverse Power, Flint Energies, Grady EMC. GrevStone Power, Habersham EMC, Hart EMC. Irwin EMC. Jackson EMC. Jefferson Energy, Little Ocmulgee EMC. Middle Georgia EMC, Mitchell EMC. Ocmulgee EMC. Oconee EMC. Planters EMC. Ravle EMC. Sawnee EMC, Slash Pine EMC. Snapping Shoals EMC. Southern Rivers Energy, Sumter EMC. Three Notch EMC, Tri-County EMC, Upson EMC, Walton EMC, Washington EMC	Green Power EMC	landfill gas, PV in schools	2001	2.0¢/kWh- 3.3¢/kWh
iA 	Georgia Power	Green Energy	landfill gas, solar	2006	3.5¢/kWh
6A 	TVA: Blue Ridge Mountain EMC. North Georgia EMC, Tri-State EMC	Green Power Switch	landfill gas, PV, wind	2000	2.67¢/kWh
Ι	Hawaiian Electric	Sun Power for Schools	PV in schools	1997	Contribution
II	Kauai Island Utility Cooperative	Green Rate	distributed renewable energy systems	TBD	TBD
)	Avista Utilities	Buck-A-Block	wind	2002	0.33¢/kWh
)	Idaho Power	Green Power Program	various	2001	0.98¢/kWh
)	PacifiCorp: Rocky Mountain Power	Blue Sky	wind	2003	0.71¢/kWh- 1.94¢/kWh
)	Vigilante Electric Cooperative	Alternative Renewable Energy Program	wind	2003	1.1¢/kWh
-	City of Naperville / Community Energy	Renewable Energy Option	wind, small hydro, PV	2005	2.5¢/kWh
L	City of St. Charles/ComEd and Community Energy, Inc.	Green Power Program	wind, landfill gas	2003	1.2¢/kWh
L	Dairyland Power Cooperative: Jo-Carroll Energy/Elizabeth	Evergreen Renewable Energy Program	landfill gas, biogas, hydro, wind	1997	1.5¢/kWh
-	Wabash Valley Power Association (7 of 27 coops offer program): Boone REMC. Hendricks Power Cooperative. Kankakee Valley REMC. Miami-Cass REMC. Tipmont REMC. White County REMC. Northeastern REMC	EnviroWatts	wind, landfill gas	2000	0.9¢/kWh- 1.0¢/kWh
N	Duke Energy	GoGreen Power	wind, PV, landfill gas, digester gas	2001	2.5¢/kWh

IN	Hoosier Energy (6 of 17 coops offer program): Daviess-Martin County REMC, Decatur County REMC, Henry County REMC, South Central Indiana REMC, Southeastern Indiana REMC, Utilities District of Western Indiana REMC	EnviroWatts	landfill gas	2001	2.0¢/kWh- 4.0¢/kWh
IN	Indianapolis Power & Light	Green Power Option	wind	1998	0.35¢/kWh
IN	Wabash Valley Power Association	EnviroWatts	wind,	2000	0.9¢/kWh-
11.4	(7 of 27 coops offer program): Boone REMC, Hendricks Power Cooperative, Kankakee Valley REMC, Miami-Cass REMC, Tipmont REMC, White County REMC, Northeastern REMC	Environaces	landfill gas	2000	1.0¢/kWh
IA	Alliant Energy	Second Nature	landfill gas, wind	2001	2.0¢/kWh
IA	Associated Electric Cooperative, Inc.: Access Energy Cooperative, Chariton Valley Electric Cooperative, Southern Iowa Electric Cooperative	varies by utility	biomass, wind	2003	2.0¢/kWh- 3.5¢/kWh
IA	Basin Electric Power Cooperative: Lvon Rural, Harrison County, Nishnabotna Valley Cooperative, Northwest Rural Electric Cooperative, Western Iowa	<u>Prairie Winds</u>	wind	2000	0.5¢/kWh
IA	Cedar Falls Utilities	Harvest the Wind	wind	2000	2.5¢/kWh
IA	Central Iowa Power Cooperatives (all 12 coops/1 muni): Maquoketa Valley Electric Cooperative. Eastern Iowa REC. East-Central Iowa REC. Linn County REC. Pella. TIP Rural Electric Cooperative, Clarke Electric Cooperative, Midland Power Cooperative, Guthrie County REC. Farmers Electric Cooperative. Southwest Iowa REC. Consumer Energy, South Iowa Municipal Electric Cooperative Association	Wind Power	wind	2006	1.5¢/kWh- 2.5¢/kWh
IA	Corn Belt Power Cooperatives (5 of 11 coops offer program); Butler County REC, Franklin REC, Grundy County REC, Humboldt County REC, Sac County REC	Energy Wise Renewables	wind	2003	1.5¢/kWh
IA	Dairyland Power Cooperative: Allamakee-Clayton/Postville. Hawkeve Tri-County/Cresco. Heartland Power/Thompson & St. Ansgar	Evergreen Renewable Energy Program	hydro, wind, landfill gas, biogas	1998	3.0¢/kWh
IA	Farmers Electric Cooperative	Green Power Project	biodiesel, wind	2004	Contribution
IA	Iowa Association of Municipal Utilities (84 of 137 munis offer program) Afton, Algona, Alta Vista, Ablington, Algona, Alta Vista, Ablington, Auburn, Bancroft, Bellevue, Bloomfield, Breda, Brooklyn, Buffalo, Burt, Callender, Carlisle, Cascade, Coggon, Coon Rapids, Corning, Corwith, Danville, Dayton, Durant, Dvsart, Earlville, Eldridge, Ellsworth, Estherville, Fairbank, Farnhamville, Fontanelle, Forest City, Gowrie, Grafton, Grand Junction, Greenfield, Grundy Center, Guttenberg, Hopkinton, Hudson, Independence, Keosaugua, La Porte City, Lake Mills, Lake View, Laurens, Lenox, Livermore, Maguoketa, Marathon, McGregor, Milford, Montezuma, Mount Pleasant, Neola, New Hampton, Ogden, Orient, Osage, Panora, Pella, Pocahontas, Preston, Readlyn, Rockford, Sabula, Sergeant Bluff, Sibley, Spencer, Stanhope, State Center, Stratford, Strawberry Point, Stuart, Tipton, Villisca, Vinton, Webster City, West Bend, West Liberty, West Point, Westfield, Whittemore, Wilton, Winterset	Green City Energy	wind, biomass, PV	2003	Varies by utility
IA	MidAmerican Energy	Renewable Advantage	wind	2004	Contribution
IA	Missouri River Energy Services: Alton. Atlantic, Denison. Fontanelle, Hartley, Hawarden, Kimballton, Lake Park, Manilla.	RiverWinds	wind	2003	2.0¢/kWh- 2.5¢/kWh

	Orange City, Paullina, Primghar, Remsen, Rock Rapids, Sanborn, Shelby, Sioux Center, Woodbine		- Section of the sect		
IA	Muscatine Power and Water	Solar Muscatine	PV	2004	Contribution
IA	Waverly Light & Power	Green Power Choice	wind	2003	Contribution
IA	Waverly Light & Power	Iowa Energy Tags	wind	2001	2.0¢/kWh
KY					
K.T	Big Rivers Electric Corporation: Jackson Purchase Energy Corporation, Kenergy Corporation, Meade County Rural Electric Cooperative Corporation	Renewable Resources Energy (EnviroWatts)	100% biomass	2007	3.65¢/kWh
KY	E.ON U.S.: Louisville Gas and Electric Co., Kentucky Utilities Co.	<u>Green Eneray</u>	100% KY Low Impact Hydro Institute- Certified hydro	2007	1.3¢/kWh- 1.67¢/kWh
KY	East Kentucky Power Cooperative: Blue Grass Energy, Clark, Cumberland, Fleming- Mason, Grayson, Inter-County Energy, Jackson, Licking Valley, Nolin, Owen Flectric, Salt River, Shelby, South Kentucky	EnviroWatts	landfill gas	2002	2.75¢/kWh
KY	TVA: Bowling Green Municipal Utilities. Franklin Electric Plant Board. Hopkinsville Electric System. Murray Electric System. Pennyrile Rural Electric Coop. Russellville Electric Plant Board. Tri-County Electric, Warren Rural Electric Coop	Green Power Switch	landfill gas, PV, wind	2000	2.67¢/kWh
LA	Entergy Gulf States	Green Pricing Program	biomass	2007	2.5¢/kWh
MA	Braintree Electric Light Department	BGreen	solar and wind	2009	2.0¢/kWh
MA	Concord Municipal Light Plant (CMLP)	Green Power	hydro	2004	3.0¢/kWh
MA	NSTAR	NSTAR Green	wind	2008	0.8¢/kWh- 1.45¢/kWh
MA	Shrewsbury Electric and Cable Operations	SELCO GreenLight	wind	2007	6.67¢/kWh
MI	<u>Consumers Energy</u>	Green Generation	68% wind, 32% landfill gas	2005	1.67¢/kWh
MI	DTE Energy	GreenCurrents	wind, biomass	2007	2.0¢/kWh- 2.5¢/kWh
MI	Lansing Board of Water and Light	GreenWise Electric Power	landfill gas, small hydro	2001	3.0¢/kWh
MI	Upper Peninsula Power Company	<u>NatureWise</u>	wind, landfill gas and animal waste methane	2004	1.4¢/kWh
MI	Wabash Valley Power Association (7 of 27 coops offer program): Boone REMC, Hendricks Power Cooperative, Kankakee Valley REMC, Miami-Cass REMC, Tipmont REMC, White County REMC, Northeastern REMC	<u>EnviroWatts</u>	wind, landfill gas	2000	0.9¢/kWh- 1.0¢/kWh
MI	We Energies	Energy for Tomorrow	wind, landfill gas, hydro	2000	2.04¢/kWh
MN	Alliant Energy	Second Nature	landfill gas, wind	2002	2.0¢/kWh
MN	Basin Electric Power Cooperative: Minnesota Valley Electric Coop. Sioux Valley Southwestern	<u>Prairie Winds</u>	wind	2002	0.5¢/kWh
MN	Central Minnesota Municipal Power Agency: Blue Earth, Delano, Glencoe, Granite Falls, Janesville, Kenvon, Lake Crystal, Madelia, Mt. Lake, New Ulm, Sleepy Eye, Sprinafield, Truman, and Windom	Green Energy Program	wind, landfill gas	2000	1.5¢/kWh- 2.5¢/kWh
MN	Dairvland Power Cooperative: Freeborn-Mower Cooperative / Albert Lea, People's / Rochester, Tri-County / Rushford	Evergreen Renewable Energy Program	hydro, wind, landfill gas, biogas	1998	1.5¢/kWh
MN	Great River Energy (all 28 coops offer program): Agralite, Arrowhead, BENCO Electric, Brown Country Rural Electric, Connexus Energy, Co-op Light & Power, Crow Wing Power, Dakota Electric Association, East Central	Wellspring Renewable Wind Energy Program	wind	1998	1.55¢/kWh- 2.0¢/kWh

	Electric Association, Federated				
	Rural Electric, Goodhue County,				
	Itasca Mantrap Cooperative,				
	Kandivohi Power Cooperative. Lake Country Power, Lake Region				
	Electric Cooperative, McLeod				
	Cooperative Power, Meeker				
	Cooperative Light & Power, Mille				
	Lacs Electric Cooperative.				
	Minnesota Valley, Nobles				
	Cooperative Electric, North Itasca, Redwood Electric Cooperative.				
	Runestone Electric, South Central				
	Electric Association, Stearns				
	Electric, Steele-Waseca,				
	Todd-Wadena, Wright-Hennepin				
	Electric		ļ		
MN	Minnesota Power	WindSense	wind	2002	2.5¢/kWh
MN	Minnkota Power Cooperative: Beltrami, Clearwater Polk, North	Infinity Wind Energy	wind	1999	0.5¢/kWh
	Star, PKM, Red Lake, Red River,				
	Roseau, Wild Rice: Northern				
	Municipal Power Agency (10				
	municipals)				
MN	Missouri River Energy Services:	RiverWinds	wind	2002	2.0¢/kWh-
	Adrian, Alexandria, Barnesville, Benson, Breckenridge, Detroit				2.5¢/kWh
	Lakes, Elbow Lake, Henning,				
	Jackson, Lakefield, Lake Park,				
	Luverne, Madison, Moorhead,				
	Ortonville, St. James, Sauk				
	Centre, Staples, Wadena, Westbrook, Worthington				
MN	Moorhead Public Service	Capture the Wind	wind	1998	1.5¢/kWh
MN	Otter Tail Power Company	TailWinds	wind	2002	1.6¢/kWh
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MN	Xcel Energy	WindSource	wind	2003	2.0¢/kWh
MS	TVA: 4-County Electric Power Association, Alcorn Electric Power	Green Power Switch	landfill gas, PV, wind	2000	2.67¢/kWh
	Association, Central Electric		, wind		
	Power Association, Columbus				
	<u> Light &amp; Water, North East</u>				
	Mississippi Electric Power				
	Association, Northcentral MS EPA, City of Okolona Electric Dept.,				
	City of Oxford Electric Dept.				
	Starkville Electric System.				
	Tallahatchie Vallev EPA, Tippah				
	Electric Power Association. Tishomingo County Electric Power				
	Association, Tupelo Water & Light				
	Department				
МО	AmerenUE / 3Degrees	Pure Power	75% wind,	2007	1.5¢/kWh
			25% other		
			renewables		
МО	Associated Electric Cooperative.	varies by utility	biomass,	2003	2.0¢/kWh-
	Inc.: Black River Electric Cooperative, Boone Electric		wind		3.5¢/kWh
	Cooperative, Callaway Electric				
	Cooperative, Co-Mo Electric				
	Cooperative . Crawford Electric				
	Cooperative, Cuivre River Electric				
	Cooperative, Howell-Oregon Electric Cooperative, Intercounty				
	Electric Cooperative, Laclede				
	Electric Cooperative, Lewis				
	County Rural Electric Cooperative				
	Macon Electric Cooperative, White River Valley Electric Cooperative				
МО	City Utilities of Springfield	WindCurrent	wind	2000	5.0¢/kWh
MO	Wabash Valley Power Association	EnviroWatts		2000	0.9¢/kWh-
1.10	(7 of 27 coops offer program):	-HAILOMAGEES	wind, landfill gas	2000	0.9¢/kWh 1.0¢/kWh
	Boone REMC, Hendricks Power				
	Cooperative, Kankakee Valley	0			
	REMC, Miami-Cass REMC.	P P P P P P P P P P P P P P P P P P P			
	Tipmont REMC, White County REMC, Northeastern REMC				
МТ	Basin Electric Power Cooperative:	Prairie Winds	wind	2000	0.5¢/kWh
1	Flathead Electric Coop. Lower	LIGHTE WILLUS	WILIU	2000	0.54/KWII
	Yellowstone, Powder River Energy			BALLACIA DE LA CALLACIA DE LA CALLAC	
MT	Northwestern Energy	E+ Green	wind, PV	2003	2.0¢/kWh
MT	Park Electric Cooperative	Green Power Program	various	2002	1.02¢/kWh
			renewables	_	a
MT	Southern Montana Electric	Environmentally	wind, hydro	2002	1.05¢/kWh
	Generation and Transmission	Preferred Power			
	Cooperative (5 coops offer				
	program): Fergus Electric. Yellowstone Valley, Bear Tooth				
	Electric, Mid Yellowstone, and				
	Tongue River				
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MT	Tri-State Generation & Transmission: Big Horn Rural Electric Company	Renewable Resource Power Service	wind, hydro	2001	0.8¢/kWh
MT	Vigilante Electric Cooperative	Alternative Renewable Energy Program	wind	2003	1.1¢/kWh
NE	Omaha Public Power District	Green Power Program	landfill gas, wind	2002	3.0¢/kWh
NE	Tri-State Generation & Transmission: Chimney Rock Public Power District, Highline Electric Association, Northwest Rural Public Power District	Renewable Resource Power Service	<u></u>	2001	0.8¢/kWh
NV	Deseret Power: Mt. Wheeler Power Cooperative	GreenWay	various	2005	1.95¢/kWh
NV	NV Energy	Desert Research Institute's GreenPower Program	PV on schools	Unknown	Contribution
NM	El Paso Electric	Renewable Energy Tariff	wind	2003	2.28¢/kWh
NM	Los Alamos Department of Public Utilities	Green Power	wind	2005	1.8¢/kWh
NM	Navopache Electric Cooperative	<u>Voluntary Renewable</u> <u>Energy Program</u>	TBD	2008	4.0¢/kWh
NM	Public Service of New Mexico	PNM Sky Blue	wind	2003	1.1¢/kWh
NM	Tri-State Generation & Transmission: Central New Mexico Electric Cooperative. Inc., Columbus Electric Cooperative. Inc., Continental Divide Electric Cooperative. Inc., Jemez Mountains Electric Cooperative. Inc., Kit Carson Electric Cooperative. Inc., Mora-San Miguel Electric Cooperative. Inc., Navopache Electric Cooperative. Northern Rio Arriba Electric Cooperative. Otero County Electric Cooperative. Inc., Sierra Electric Cooperative. Inc., Socorro Electric Cooperative. Inc., Southwestern Electric Cooperative. Inc., Southwestern Electric Electric Cooperative. Inc., Springer Electric Cooperative. Inc., Springer	Renewable Resource Power Service	wind, hydro	2001	0.4¢/kWh- 2.5¢/kWh
NM	Xcel Energy	WindSource	wind	1999	3.0¢/kWh
NC	Dominion North Carolina Power	NC GreenPower	biomass, hydro, landfill gas, PV, wind	2003	2.5¢/kWh- 4.0¢/kWh
NC	<u>Duke Energy</u>	NC GreenPower	biomass, hydro, landfill gas, PV, wind	2003	2.5¢/kWh- 4.0¢/kWh
NC	ElectriCities: City of Albemarle, Town of Apex, City of Concord, Town of Cornelius, Favetteville PWC, Town of Granite Falls, Greenville Utilities, City of High Point, Town of Huntersville, City of Kinston, City of Laurinburg, City of Lexington, City of Monroe, City of New Bern, City of Newton, City of Shelby, City of Statesville, Town of Wake Forest, City of Washington, Town of Wavnesville, City of Wilson-Wilson Energy	NC GreenPower	biomass, hydro, landfill gas, PV, wind	2003	2.5¢/kWh- 4.0¢/kWh
NC	NC Electric Cooperatives (22 of 27 coops offer program): Albemarle Electric Membership Corp., Blue Ridge Electric Membership Corp., Brunswick Electric Membership Corp., Carteret Craven Electric Coop., Central Electric Membership Corp., Edgecombe-Martin County Electric Membership Corp., EnergyUnited, Four County Electric Membership Corp., French Broad Electric Membership Corp., French Broad Electric Membership Corp., Jumbee River Electric Membership Corp., Pee Dee Electric Membership Corp., Pee Dee Electric Membership Corp., Piedmont Electric Membership Corp., Piedmont Electric Membership Corp., Randolph Electric Membership Corp., Roanoke Electric Membership Corp., Rutherford Electric, Membership Corp., Surry Yadkin Electric	NC GreenPower	biomass, hydro, landfill gas, PV, wind	2003	2.5¢/kWh- 4.0¢/kWh

	Membership Corp., Tideland Electric Membership Corp., Tri-County Electric Membership Corp., Union Power Cooperative, Wake Electric Membership Corp.				
NC	Progress Energy / CP&L	NC GreenPower	biomass, hydro, landfill gas, PV, wind	2003	2.5¢/kWh- 4.0¢/kWh
NC	TVA: Mountain Electric Cooperative	Green Power Switch	landfill gas, PV, wind	2000	2.67¢/kWh
ND	Basin Electric Power Cooperative: Burke Divide, Capital, Dakota Valley, KEM Electric Coop, Oliver Mercer Electric Coop, Mckenzie Electric Coop, Montrail Williams, Mor-gran-sou Electric Coop, North Central Electric Coop, Northern Plains, Slope Electric Coop, Verendrye, West Plains	<u>PrairieWinds</u>	wind	2000	0.5¢/kWh
ND	Minnkota Power Cooperative: Cass County Electric, Cavalier Rural Electric, Nodak Electric; Northern Municipal Power Agency (2 municipals)	Infinity Wind Energy	wind	1999	0.5¢/kWh
ND	Missouri River Energy Services: City of Lakota	RiverWinds	wind	2002	2.0¢/kWh- 2.5¢/kWh
ОН	American Municipal Power-Ohio / Green Mountain Energy: City of Bowling Green, Cuyahoga Falls, Westerville, Wyandotte, Yellow Springs	Nature's Energy	small hydro, landfill gas, wind	2003	1.3¢/kWh- 1.5¢/kWh
ОН	Buckeye Power (Ohio Rural Electric Cooperatives)	EnviroWatts	landfill gas	2006	2.0¢/kWh
ОН	Dayton Power & Light	Green Connect	various	2008	1.0¢/kWh
ОН	<u>Duke Energy</u>	<u>GoGreen Power</u>	wind, PV, landfill gas, digester gas	2001	2.5¢/kWh
ОН	FirstEnergy: Ohio Edison Company	Green Resource Program	various	2007	0.5¢/kWh
ОН	FirstEnergy: The Cleveland Electric Illuminating Company	<u>Green Resource</u> <u>Program</u>	various	2007	0.5¢/kWh
ОН	FirstEnergy: The Toledo Edison	<u>Green Resource</u> <u>Program</u>	various	2007	0.5¢/kWh
ОН	Wabash Valley Power Association (7 of 27 coops offer program); Boone REMC, Hendricks Power Cooperative, Kankakee Valley REMC, Miami-Cass REMC, Tipmont REMC, White County REMC, Northeastern REMC	<u>EnviroWatts</u>	wind, landfill gas	2000	0.9¢/kWh- 1.0¢/kWh
OK	Associated Electric Cooperative, Inc.: Central Rural Electric Cooperative	varies by utility	biomass, wind	2003	2.0¢/kWh- 3.5¢/kWh
ОК	OG&E Electric Services	OG&E Wind Power	wind	2003	-0.246¢/kWh
ОК	Oklahoma Municipal Power Authority: Tonkawa, Altus, Frederick, Okeene, Prague Municipal Utilities and Edmond Electric	Pure & Simple	wind	2004	1.8¢/kWh (-0.45¢/kWh Edmond)
OK	Public Service Company of Oklahoma	<u>WindChoice</u>	100% wind	2011	1.72¢/kWh
OK OR	Western Farmers Electric Cooperative (19 of 19 coops offer program): Alfalfa Electric Cooperative, Caddo Electric Cooperative, Canadian Valley Electric Cooperative, Choctaw Electric Cooperative, Choctaw Electric Cooperative, Cotton Electric Cooperative, East Central Oklahoma Electric Cooperative, Harmon Electric Cooperative, Kay Electric Cooperative, Kiamichi Electric Cooperative, Northfork Electric Cooperative, Northfork Electric Cooperative, Northfork Electric Cooperative, Northfork Electric Cooperative, Riamichi Cooperative, Oklahoma Electric Cooperative, People's Electric Cooperative, Red River Valley Rural Electric Cooperative, Southeastern Electric Cooperative, Southwest Rural Electric Cooperative Cooperative, Southwest Rural Electric Cooperative Cooperative City of Ashland / Bonneville	WindWorks  Renewable Pioneers	wind  PV, wind	2004	0.5¢/kWh 2.0¢/kWh
	Environmental Foundation	TOTAL TIME OF S	1. 1, 1, 1, 1, 1		1.04, 1.711

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OR OR	Columbia River PUD  Emerald People's Utility	Choice Energy Choose Renewable	wind	2005 2003	1.5¢/kWh 1.2¢/kWh
OK	District/Green Mountain Energy	Electricity	wind, geothermal	2003	1.24/KWII
OR	Eugene Water & Electric Board	EWEB Greenpower	various renewables	2007	1.0¢/kWh- 1.5¢/kWh
OR	Eugene Water & Electric Board	EWEB Wind Power	wind	1999	0.91¢/kWh
OR	<u>Idaho Power</u>	<u>Green Power Program</u>	various	2001	0.98¢/kWh
OR	Midstate Electric Cooperative	Environmentally- Preferred Power	wind	1999	2.5¢/kWh
OR	Oregon Trail Electric Cooperative	<u>Green Power</u>	wind	2002	1.5¢/kWh
OR	PacifiCorp: Pacific Power	Blue Sky OS (Commercial Only)	wind	2004	Sliding scale depending on size
OR	PacifiCorp: Pacific Power	Blue Sky Block	wind	2000	1.95¢/kWh
OR	PacifiCorp: Pacific Power / 3Degrees	Blue Sky Habitat	wind, biomass, PV	2002	0.78¢/kWh + \$2.50/mo. donation
OR	<u>PacifiCorp: Pacific Power /</u> 3Degrees	Blue Sky Usage	wind, biomass, PV	2002	0.78¢/kWh
OR	Pacific Northwest Generating Cooperative: Blachly-Lane Electric Cooperative. Central Electric Cooperative. Clearwater Power. Consumers Power. Coos-Curry Electric Cooperative. Douglas Electric Cooperative. Fall River Rural Electric Cooperative. Lost River Electric Cooperative. Raft River Rural Electric Cooperative. Umatilla Electric Cooperative. West Oregon Electric Cooperative. (11 of 15 coops offer program)	<u>Green Power</u>	landfill gas	1998	1.8¢/kWh- 2.0¢/kWh
OR	Portland General Electric Company	Clean Wind for Medium to Large Commercial & Industrial Accounts	wind	2003	1.7¢/kWh
OR	Portland General Electric Company	Clean Wind Power	wind	2002	1.75¢/kWh
OR	Portland General Electric Company / Green Mountain Energy	<u>Green Source</u>	existing geothermal, hydro, new wind	2002	0.8¢/kWh
OR	Portland General Electric Company / Green Mountain Energy	<u>Renewable Future</u>	wind	2007	1.5¢/kWh
OR	Springfield Utility Board	ECOchoice ECOchoice	various	2007	1.0¢/kWh
SC	<u>Duke Energy Carolinas</u>	Palmetto Clean Energy (PaCE)	wind, solar, landfill gas	2008	4.0¢s;/kWh
SC	<u>Progress Energy Carolinas</u>	Palmetto Clean Energy (PaCE)	wind, solar, landfill gas	2008	4.0¢/kWh
SC	SCE&G	Palmetto Clean Energy (PaCE)	wind, solar, landfill gas	2008	4.0¢/kWh
SC	Santee Cooper: Aiken Electric Cooperative, Berkelev Electric Cooperative, Blue Ridge Electric, Coastal Electric Cooperative, Edisto Electric Cooperative, Edisto Electric Cooperative, Edisto Electric Cooperative, Laurens Electric Cooperative, Laurens Electric Cooperative, Lynches River Electric Cooperative, Marlboro Electric Cooperative, Mid-Carolina Electric Cooperative, Palmetto Electric Cooperative, Pee Dee Electric Cooperative, Santee Electric Cooperative, Tri-County Electric Cooperative, Tork Electric Cooperative, York Electric Cooperative	<u>Green Power Program</u>	landfill gas	2001	3.0¢/kWh
SD	Basin Electric Power Cooperative: Bon Homme-Yankton Electric Assn., Central Electric Cooperative Association, Charles Mix Electric Association, City of Elk Point, Clay-Union Electric Corporation, Codington-Clark Electric Cooperative, Dakota Energy Cooperative, Douglas Electric Cooperative, Pouglas Electric Cooperative, FEM Electric Cooperative, Kingsbury Electric Cooperative, Kingsbury Electric Cooperative, McCook Electric Cooperative, McCook Electric Cooperative, Northern Electric Cooperative, Oahe Electric Cooperative, Renville-Sibley Coop, Power Assn., Sioux Valley	<u>Prairie Winds</u>	wind	2000	0.5¢/kWh

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Department, Duck River Electric Membership Comporation, Dvershero Electric System. City of Eizabethton Electric System. EPB (Chattanooga), Erwin Utilities, Etowah Utilities, Fort Loudon Electric Cooperative, Gallatin Department of Electricity, Gibson Electric Membership Comporation, Greeneville Light and Power System. Harriman Utilities Board, Harriman Utilities Board, Harriman Utilities Board, Lafollette Utilities Board, Lewinoten Electric Cooperative, Jackson Enerow Authority, Jellico Electric R, Water, Johnson City Power Board, Knoxylle Utilities Board, Lafollette Utilities Board, Lewinoten Electric System, Lenoir City Utilities Board, Lewinoten Electric System, Loudon Utilities, City of Marxylle Electric Cooperative, Middle Electric Cooperative, Division Power System, Mountain Electric Cooperative, Murfressboro Electric Cooperative, Dak Kingde Electric Posartment, Paris Board of Public Utilities, Dak Kingde Electric Department, Paris Board of Public Utilities, Electric Statem, Cooperative, Pulsaki Electric Cooperative, Pulsaki Electric System, Rockwood Electric Utility, Seguachev Sevier County Electric System, Smithylle						
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(Chattanoopa). Erwin Utilities. Etowah Utilities. Port Loudon Electric Cooperative, Gallatin Department of Electricity. Gibson Electric Kembership Corporation. Greensville Light and Power System. Harriman Utility Board, Holston Electric Cooperative, Jackson Energy Authority. Jellico Electric & Water. Johnson City Power Board. Knoxylile Utilities Board, Lafollette Utilities Board, Lawrenceburg Power System, Lenoir City Utilities Board, Lexington Electric System. Lenoir City Utilities Board, Lexington Electric System. Lenoir City Utilities, Electric Popartment, McMinnyille Electric Department, McMinnyille Electric Cooperative, Middle Tennessee Electric Membership Corporation, Milan Department of Public Utilities, Morristown Power System, Mountain Electric Cooperative, Muffreesboro Electric Department, Nashyille Electric Service, Newyort Utilities, Dak Ridge Electric Department, Paris Board of Public Utilities, Pickwick Electric Cooperative, Plakse Electric Cooperative, Plakse Electric Cooperative, Plakse Electric Cooperative, Plakse Electric System, Rockwood Electric Utility, Sequachee Valley Electric Cooperative, Sevier County Electric Cystem, Somriville Utility Department, Southwest Tennessee Electric Membership Corporation, Sorinofield Department of Electricity, Sweetwater Utilities Board, Union City Electric System, Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  Austin Energy (City of Austin)  GreenChoice wind, pydro 2005 -0.1144/kWh						
Public Utilities, Fort Loudon Electric Cooperative, Gallatin Department of Electricity, Gibson Electric Membership Corporation, Greenaville Light and Power System, Harriman Utility Board, Holston Electric Cooperative, Jackson Enervy Authority, Jellico Electric & Water, Johnson City Power Board, Knoxyllle Utilities Board, Lafollette Utilities Board, Lexington Electric System, Lenor City Utilities Board, Lexington Electric System, Lenor City Utilities Board, Lexington Electric System, Lenor City Utilities, Holdian Electric Department, McMinnyille Electric Department, McMinnyille Electric Cooperative, Middle Tennessee Electric Membership Corporative, Murfresboro Electric Department, Nashyille Electric Service, Newport Utilities, Oak Ridge Electric Department, Paris Board of Public Utility, Powell Vallay Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Plateau Electric System, Rockwood Electric Utility, Sequachee Valley Electric Cooperative, Swirer County Electric System, Shelbyville Power System, Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity System, Somerville Utility, Sweetwater Utilities Board, Union City Electric, System, Unoper Cumberland Electric Membership Corporation, Volunters Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX  Austin Energy (City of Austin)  GreenChoice wind, pydro 2005 -0.1144/kwh						
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Department of Electricity, Gibson Greeneville Light and Power System. Harriman Utility Board, Holston Electric Cooperative, Jackson Enerory Authority. Jellico Electric & Water. Johnson City Power Board, Knoxville Utilities Board, Lafollette Utilities Board, Lawrenceburg Power System. Lenior City Utilities Board, Lexington Electric System. Leudon Utilities, City of Marville Electric Department, McMinoville Electric Department, McMinoville Electric Department, McMinoville Electric Cooperative, Middle Tennessee Electric Membership Corporation, Milan Department, of Public Utilities. Oak Ridge Electric Department, Paris Board of Public Utilities, Pickwick Electric Cooperative, Pilasku Electric Cooperative, Pilasku Electric System, Rockwood Electric Utility, Sequachee Valley Electric Cooperative, System, Shelbyville Power System, Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department, Southwest Tennessee Valley Electric System, Somerville Utility Electric Cystem, Shelbyville Power System, Somerville Utility Electric Tystem, Shelbyville Power System, Somerville Utility Electric System, Shelbyville Power System, Somerville Utility Electric System, Shelbyville Power System, Somerville Utility Electric System, Shelbyville Power System, Shelbyville Power System, Somerville Utility Electric System, Shelbyville Power System, Somerville Utility Electric System, Shelbyville Power System, Somerville Utility Electric System, Shel						
Electric Membership Corporation, Greeneville Light and Power System. Harriman Utility Board, Holston Electric Cooperative, Jackson Energy Authority. Jellico Electric & Water. Johnson City Power Board. Knowlie Utilities Board, Lafollette Utilities Board, Lexington Electric System, Lenoir City Utilities Board, Lexington Electric System, Lenoir City Utilities, City of Manyville Electric Department, McMinnyille Electric System. Memphis Light Gas & Water. Memphis Light Goroporation, Milan Department of Public Utilities, Morristown Power System, Mountain Electric Cooperative, Middle Tennessee Electric Membership Corporation, Milan Department, of Public Utilities, Department, Nashville Electric Service, Newbort Utilities, Oak Ridge Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Powell Valley Electric Cooperative, Pulask Electric System, Rockwood Electric Utility, Seguachee Valley Electric Cooperative, Sevier County Electric System. Shelboville Power System. Somerville Utilitive Department, Southwest Tennessee Flectric Membership Corporation, Soringfield Department of Electricity, Sweetwater Utilities Board, Lennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System, Minchester Utilities TX Austin Energy (City of Austin) GreenChoice wind, andfill gas Wind, hydro 2005 9.01144/kWh						
System, Harriman Utility Board, Holston Electric Cooperative, Jackson Energy Authority, Jellico Electric & Water, Johnson City Power Board, Knowlie Utilities Board, Lafollette Utilities Board, Lafollette Utilities Board, Lexington Electric System, Lenoir City Utilities Board, Lexington Electric System, Lenoir City Utilities Board, Lexington Electric System, Lenoir City Utilities, City of Marvyille Electric Department, McMinnville Electric System, Memphis Light Gas & Water, Meriwhether Lewis Electric Cooperative, Middle Tennessee Electric Membership Corporation, Milan Department of Public Utilities, Morristown Power System, Mountain Electric Cooperative, Murfessboro Electric Department, Nashville Electric Service, Newoort Utilities, Oak Ridge Electric Department, Paris Board of Public Utilities, Oak Ridge Electric Cooperative, Pulaski Electric System, Smithylle Power System, Smithylle Electric System, Smithylle Electric Cooperative, Pulaski Electric System, Shelbyville Power System, Smithylle Electric Cooperative, Electric, Tullahoma Utilities Board, Tennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System, Upper Cumberland Electric Kembership Corporation, Volunteer Energy Cooperative, Weakley County Municinal Electric System, Winchester Utility  Austin Energy (City of Austin) GreenChoice wind, andfill gas  TX Bandera Electric Cooperative Choose-To-Renew wind, hydro 2005 -0.1144/kWh		Electric Membership Corporation.				
Holston Electric Cooperative, Jackson Energy Authority, Jellico Electric & Water, Johnson City Power Board, Knoxville Utilities Board, Lafollette Utilities Board, Lexington Electric System, Levington Electric System, Loudon Utilities, City of Marvville Electric Department, McMinnville Electric Department, McMinnville Electric Cooperative, Middle Tennessee Electric Membership Corporation, Milan Department of Public Utilities, Morristown Power System, Mountain Electric Cooperative, Murfreesbor Electric Service, Newport Utilities, Oak Ridge Electric Department, Paris Board of Public Utilities, Pickwick Electric Cooperative, Pulaski Electric System, Rockwood Electric Utility, Seouschee Valley Electric Cooperative, Sevier County Electric System, Smithville Electric System, Smithville Electric System, Smithville Electric System, Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Sovien Utilities Board, Union City Electric Cystem, Winchester Utilities  TX Austin Energy (City of Austin) GreenChoice wind, andfill gas Wind, hydro 2005 0.1144/kWh						
Jackson Eneroy Authority. Jellico Electric & Water. Johnson City Power Board, Knoxville Utilities Board, Lafollette Utilities Board, Lawrencebura Power System. Lenoir City Utilities Board, Lexington Electric System. Loudon Utilities, City of Maryville Electric Department, McMinoville Electric Cooperative, Middle Tennessee Electric Membership Corporation, Milan Department of Public Utilities, Morristown Power System, Mountain Electric Cooperative, Middle Tennessee Electric Membership Corporation, Milan Department of Public Utilities, Morristown Power System, Mountain Electric Cooperative, Middle Electric Service, Newport Utilities, Oak Ridge Electric Department, Paris Board of Public Utilities, Plateau Electric Cooperative, Pulaski Electric System, Rockwood Electric Utility, Seouachee Valley Electrici Cooperative, Sevier County Electric System, Shelbyville Power System, Smithyille Electric System, Smithyille Electric System, Someryille Utility Department of Electricity Sweetwater Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Bandera Electric Cooperative Choose-To-Renew wind, hydro 2005 -0.114¢/kWh						
Power Board. Knoxville Utilities Board. Lafollette Utilities Board. Lawrenceburg Power System. Lenoir City Utilities Board. Lexington Electric System. Loudon Utilities. City of Marvville Electric Department, McMinnville Electric Cooperative, Middle Tennessee Electric Membership Corporation. Milan Department of Public Utilities. Morristown Power System. Mountain Electric Cooperative, Murfreesboro Electric Department, Nashville Electric Service. Newport Utilities, Oak Ridge Electric Department, Paris Board of Public Utilities, Pickwick Electric Cooperative, Plateau Electric Cooperative, Powell Vallev Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Union City Electric System, Upper Comperative, Weakley County, Municipal Electric System, Winchester Utilities  TX Bandera Electric Cooperative Choose-To-Renew Wind, hydro 2005 -0.114¢/kWh						
Board, Lafollette Utilities Board, Lawrencebura Power System, Lenoir City Utilities Board, Lexington Electric System, Loudon Utilities, City of Marvyille Electric Department, McMinnyille Electric System, Membis Light Gas & Water, Meriwhether Lewis Electric Cooperative, Middle Tennessee Electric Membership Corporation, Milan Department of Public Utilities, Morristown Power System, Mountain Electric Cooperative, Murfreesboro Electric Department, Nashville Electric Service, Newport Utilities, Oak Ridge Electric Department, Paris Board of Public Utilities, Pickwick Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Pulaski Electric System, Rockwood Electric Utility, Sequachee Valley Electric Cooperative, Sevier County Electric System, Shelbyville Power System, Smithyille Electric System, Somerville Utility Department of Electricity, Sweetwater Utilities Board, Union City Electric Gystem, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin)  GreenChoice wind, landfill gas  TX Bandera Electric Cooperative Choose-To-Renew Wind, hydro Voluntey, Handley Volunteer Lighties Cooperative, Weakley County Municipal Electric System, Winchester Utilities Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities Volunteer Energy Cooperative, Weakley County Municipal Electric Cooperative, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities Volunteer Energy Cooperative, Weakley County Minicipal Electric System, Winchester Utilities Volunteer Energy Cooperative, Weakley County Minicipal Electric System, Winchester Utilities Volunt						
Lawrenceburg Power System. Lenoir City Utilities Board. Lexington Electric System. Loudon Utilities, City of Marvville Electric Department, McMinnyille Electric Department, McMinnyille Electric System, Memphis Light Gas & Water, Merriwhether Lewis Electric Cooperative, Middle Tennessee Electric Membership Corporation, Milan Department of Public Utilities, Morristown Power System, Mountain Electric Cooperative, Myrfeesboro Electric Department, Nashville Electric Service, Newport Utilities, Oak Ridge Electric Department, Paris Board of Public Utilities, Oak Ridge Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Pulaski Electric Cystem, Rockwood Electric Utility, Sequachee Valley Electric Cooperative, Sevier County Electric System, Shelbvville Power System, Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Bandera Electric Cooperative Choose-To-Renew Wind, hydro Voluntey June 1865/kWh						
Lenoir City Utilities Board, Lexington Electric System, Loudon Utilities, City of Maryville Electric Department, McMinnyille Electric System, Memphis Light Gas & Water, Merriwhether Lewis Electric Cooperative, Middle Tennessee Electric Membership Corporation, Milan Department of Public Utilities, Morristown Power System, Mountain Electric Cooperative, Muffreesboro Electric Department, Nashville Electric Service, Newport Utilities, Oak Ridge Electric Department, Paris Board of Public Utilities, Pickwick Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Pulaski Electric Cooperative, Pulaski Electric System, Rockwood Electric Utility, Sequachee Valley Electric Cooperative, Sevier County Electric System, Shelbyville Power System, Smithville Electric System, Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Tennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Bandera Electric Cooperative Choose-To-Renew Wind, hydro 2005 -0.114¢/kWh						
Loudon Utilities. City of Marvville   Electric Department, McMinnville   Electric System, Memphis Light   Gas & Water, Meriwhether Lewis   Electric Cooperative, Middle   Tennessee Electric Membership   Corporation, Milan Department of   Public Utilities, Morristown Power   System, Mountain Electric   Cooperative, Murfreesboro   Electric Department, Nashville   Electric Service, Newport Utilities, Oak Ridge Electric Cooperative, Pickwick Electric Cooperative, Pickwick Electric Cooperative, Pulaski Electric Cooperative, Pulaski Electric System, Rockwood Electric Utility, Sequachee Valley Electric Cooperative, Pulaski Electric System, Shelbvville Power System, Smithville Electric System, Shelbvville Power System, Smithville Electric System, Shelbvville Power System, Smithville Electric System, Shelbvville Power System, Somerville Utility, Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Union City Electric System, Upper Cumberland Electric System, Upper Cumberland Electric Swstem, Upper Cumberland Electric System, Winchester Utilities  TX Austin Energy (City of Austin)   GreenChoice   wind, landfill gas   2000/1997   1.85¢/kWh   Indfill gas   2000/						
Electric Department, McMinnville Electric System, Memphis Light Gas & Water, Meriwhether Lewis Electric Cooperative, Middle Tennessee Electric Membership Corporation, Milan Department of Public Utilities, Morristown Power System, Mountain Electric Cooperative, Murfreesboro Electric Department, Nashville Electric Service, Newport Utilities, Oak Ridge Electric Department, Paris Board of Public Utilities, Pickwick Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Utility, Sequachee Vallev Electric Cooperative, Sevier County Electric System, Shelbvville Power System, Smithville Electric System, Smithville Electric System, Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Tennessee Vallev EC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin) GreenChoice wind, landfill gas TX Bandera Electric Cooperative Choose-To-Renew wind, hydro 2005 -0.114¢/kWh						
Electric System. Memphis Light Gas & Water. Meriwhether Lewis Electric Cooperative. Middle Tennessee Electric Membership Corporation. Milan Department of Public Utilities. Morristown Power System. Mountain Electric Cooperative, Murfreesboro Electric Department. Nashville Electric Service. Newport Utilities. Oak Ridge Electric Department. Paris Board of Public Utilities. Pickwick Electric Cooperative. Pulaski Electric Cooperative. Pulaski Electric Cooperative. Pulaski Electric Cooperative. Pulaski Electric System. Rockwood Electric Utility. Sequachee Valley Electric Cooperative, Sevier County Electric System. Shelbyville Power System. Smithyille Electric System. Somerible Utility Department, Southwest Tennessee Electric Membership Corporation. Springfield Department of Electricity. Sweatwater Utilities Board. Tennessee Valley FC. Tri-County Electric. Tullahoma Utilities Board. Tennessee Valley FC. Tri-County Electric Tytlahoma Utilities Board. Tennessee Valley Ec. Tri-County Electric Tytlahoma Utilities Cooperative. Municipal Electric System. Winchester Utilities  TX Austin Energy (City of Austin) GreenChoice wind, landfill gas  TX Bandera Electric Cooperative Choose-To-Renew wind, hydro 2005 -0.114¢/kWh						
Gas & Water. Meriwhether Lewis Electric Cooperative, Middle Tennessee Electric Membership Corporation. Milan Department of Public Utilities. Morristown Power System. Mountain Electric Cooperative, Murfreesboro Electric Department, Nashville Electric Service. Newport Utilities, Oak Ridge Electric Cooperative, Paris Board of Public Utilities. Pickwick Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Powell Valley Electric Cooperative, Pulaski Electric System, Rockwood Electric Utility, Seguachee Valley Electric Cooperative, Sevier County Electric System. Shelboville Power System. Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity. Sweetwater Utilities Board, Tennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System. Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin) GreenChoice wind, landfill gas  TX Bandera Electric Cooperative Choose-To-Renew wind, hydro 2005 -0.114¢/kWh						
Tennessee Electric Membership Corporation, Milan Department of Public Utilities, Morristown Power System, Mountain Electric Cooperative, Murfreesboro Electric Department, Nashville Electric Service, Newport Utilities, Oak Ridge Electric Department, Paris Board of Public Utilities, Pickwick Electric Cooperative, Plateau Electric Cooperative, Plateau Electric System, Rockwood Electric Utility, Sequachee Valley Electric Cooperative, Sevier County Electric System, Shelbvville Power System, Smithville Electric System, Smerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Tennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin) GreenChoice wind, landfill gas  Wind, hydro 2005 -0.114¢/kWh		Gas & Water, Meriwhether Lewis				
Corporation, Milan Department of Public Utilities, Morristown Power System, Mountain Electric Cooperative, Murfreesboro Electric Department, Nashville Electric Service, Newport Utilities, Oak Ridge Electric Department, Paris Board of Public Utilities, Pickwick Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Pulaski Electric System, Rockwood Electric Utility, Seguachee Valley Electric Cooperative, Pulaski Electric System, Somerville Utility, Seguachee Valley Electric Cooperative, System, Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities Board, Union Electric System, Upper Cumberland Electric System, Upper Cumberland Electric System, Winchester Utilities Towns Municipal Electric System, Winchester Utilities Soard, Indian Electric System, Winchester Utilities Soard, Wunicipal Electric System, Winchester Utilities Weakley County Municipal Electric System, Winchester Utilities Wind, Inadfill gas County Winchester Utilities Wind, Inadfill gas County Wind, Nydro 2005 -0.114¢/kWh						
Public Utilities, Morristown Power System, Mountain Electric Cooperative, Murfreesboro Electric Department, Nashville Electric Service, Newport Utilities, Oak Ridge Electric Department, Paris Board of Public Utilities, Pickwick Electric Cooperative, Plateau Electric Cooperative, Plateau Electric Cooperative, Plateau Electric System, Rockwood Electric Utility, Sequache Valley Electric Cooperative, Sequache Valley Electric Cooperative, Sequache Valley Electric Cooperative, Sevier County Electric System, Shelboville Power System, Somerville Utility, Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin) GreenChoice wind, landfill gas  TX Bandera Electric Cooperative Choose-To-Renew wind, hydro 2005 -0.114¢/kWh						
Cooperative, Murfreesboro Electric Department, Nashville Electric Service, Newport Utilities, Oak Ridge Electric Department, Paris Board of Public Utilities, Pickwick Electric Cooperative, Plateau Electric Cooperative, Pulaski Electric System, Rockwood Electric Utility, Seguachee Valley Electric Cooperative, Sevier County Electric System, Shelbyville Power System, Smithville Electric System, Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Tennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin) GreenChoice wind, landfill gas  TX Bandera Electric Cooperative Choose-To-Renew wind, hydro 2005 -0.1144/kWh		Public Utilities, Morristown Power				
Electric Department, Nashville Electric Service, Newport Utilities, Oak Ridge Electric Department, Paris Board of Public Utilities, Pickwick Electric Cooperative, Plateau Electric Cooperative, Pulaski Electric Cooperative, Pulaski Electric System, Rockwood Electric Utility, Sequachee Valley Electric Cooperative, Sevier County Electric System, Shelbvville Power System, Smithville Electric System, Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Tennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin)  GreenChoice  wind, landfill gas  2000/1997 1.85¢/kWh Inandfill gas  TX Bandera Electric Cooperative Choose-To-Renew  wind, hydro 2005 -0.114¢/kWh						
Electric Service, Newport Utilities, Oak Ridge Electric Department. Paris Board of Public Utilities, Pickwick Electric Cooperative, Plateau Electric Cooperative, Powell Valley Electric Cysterm, Rockwood Electric Utility, Sequachee Valley Electric Cooperative, Sevier County Electric System, Shelbyville Power System, Smithville Electric System, Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Tennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin)  GreenChoice wind, landfill gas  2000/1997 1.85¢/kWh Inandfill gas  TX Bandera Electric Cooperative Choose-To-Renew wind, hydro 2005 -0.114¢/kWh						
Oak Ridge Electric Department, Paris Board of Public Utilities, Pickwick Electric Cooperative, Plateau Electric Cooperative, Powell Valley Electric Cooperative, Pulaski Electric System, Rockwood Electric Utility, Sequachee Valley Electric Cooperative, Sevier County Electric System, Shelbyville Power System, Smithville Electric System, Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Iennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin) GreenChoice wind, landfill gas  Z000/1997 1.85¢/kWh		Electric Service, Newport Utilities,				
Pickwick Electric Cooperative. Plateau Electric Cooperative. Powell Valley Electric Cooperative. Pulaski Electric System. Rockwood Electric Utility. Sequachee Valley Electric Cooperative, Sevier County Electric System, Shelbyville Power System. Smithville Electric System. Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity. Sweetwater Utilities Board. Tennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board. Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin)  GreenChoice wind, landfill gas  Z000/1997 1.85¢/kWh  TX Bandera Electric Cooperative Choose-To-Renew wind, hydro 2005 -0.114¢/kWh		Oak Ridge Electric Department.				
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Rockwood Electric Utility. Sequachee Valley Electric Cooperative, Sevier County Electric System, Shelbyville Power System, Smithville Electric System, Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Tennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin)  GreenChoice wind, landfill gas  2000/1997 1.85¢/kWh landfill gas  TX Bandera Electric Cooperative Choose-To-Renew wind, hydro 2005 -0.114¢/kWh		Powell Valley Electric Cooperative,				
Sequachee Valley Electric Cooperative, Sevier County Electric System, Shelbyville Power System, Smithville Electric System, Somerville Utility Department, Southwest Tennessee Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Tennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin) GreenChoice wind, landfill gas  TX Bandera Electric Cooperative Choose-To-Renew wind, hydro 2005 -0.114¢/kWh						
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Tennessee Electric Membership Corporation, Springfield Department of Electricity, Sweetwater Utilities Board, Tennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin)  GreenChoice wind, landfill gas  Wind, hydro 2005 -0.114¢/kWh						
Department of Electricity, Sweetwater Utilities Board, Tennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin)  GreenChoice wind, landfill gas  TX Bandera Electric Cooperative Choose-To-Renew wind, hydro 2005 -0.114¢/kWh						
Sweetwater Utilities Board. Tennessee Valley EC, Tri-County Electric, Tullahoma Utilities Board. Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin)  GreenChoice  wind, landfill gas  Wind, hydro 2005 -0.114¢/kWh						
Tennessee Valley FC, Tri-County Electric, Tullahoma Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin)  GreenChoice wind, landfill gas  Wind, hydro 2005 -0.114¢/kWh						
Electric, Tullahoma Utilities Board, Union City Electric System, Upper Cumberland Electric Membership Corporation. Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin)  GreenChoice wind, landfill gas  Wind, hydro 2005 -0.114¢/kWh		Tennessee Valley EC, Tri-County		-		
Cumberland Electric Membership Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin)  TX Bandera Electric Cooperative  Choose-To-Renew  Wind, hydro 2005 -0.114¢/kWh		Electric, Tullahoma Utilities Board,				
Corporation, Volunteer Energy Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin)  TX Bandera Electric Cooperative  Choose-To-Renew  Wind, hydro 2005 -0.114¢/kWh						
Cooperative, Weakley County Municipal Electric System, Winchester Utilities  TX Austin Energy (City of Austin)  TX Bandera Electric Cooperative Choose-To-Renew Wind, hydro 2005 -0.114¢/kWh						
Municipal Electric System, Winchester Utilities     GreenChoice     wind, landfill gas     2000/1997     1.85¢/kWh       TX     Bandera Electric Cooperative     Choose-To-Renew     wind, hydro     2005     -0.114¢/kWh						
TX Austin Energy (City of Austin) GreenChoice wind, landfill gas 2000/1997 1.85¢/kWh TX Bandera Electric Cooperative Choose-To-Renew wind, hydro 2005 -0.114¢/kWh		Municipal Electric System,		***************************************		
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TX Bandera Electric Cooperative Choose-To-Renew wind, hydro 2005 -0.114¢/kWh	TX	Austin Energy (City of Austin)	GreenChoice		2000/1997	1.85¢/kWh
\$\tag{\tag{\tag{\tag{\tag{\tag{\tag{	TV	Randora Floctria Coorsestina	Chassa Ta Barrer	·	2005	0.1145/104/5
1A SES ENERGY (SAN AND ONLY) WINDERSTON WIND 2000 3.0¢/kWN						<u> </u>
	17	Ter a rueray regulationion	TELLINGUICILY.	17MIIU	2000	13.04/ ( 1911

TX	College Station Utilities	Wind Watts (10%/50%/100%)	new wind	2009	TBD
TX	El Paso Electric Company	Renewable Energy Tariff	wind	2001	1.92¢/kWh
TX	Pedernales Electric Cooperative	Renewable Power	wind, hydro	2006	0.5¢/kWh
JT	City of St. George	Clean Green Power	wind, small	2005	2.95¢/kWh
· IT	Doggest Payron	Canalyn	hydro	2004	1.05+//////
JT 	Deseret Power	GreenWay	various	2004	1.95¢/kWh
UT	PacifiCorp: Rocky Mountain Power	Blue Sky	wind	2003	0.71¢/kWh- 1.94¢/kWh
UT	PacifiCorp: Utah Power	Blue Sky	wind	2000	1.95¢/kWh
UT	Tri-State Generation & Transmission: Empire Electric Association. Inc.	Renewable Resource Power Service	wind, hydro	2001	0.8¢/kWh
VT	Central Vermont Public Service	CVPS Cow Power	biogas	2004	4.0¢/kWh
VT	Green Mountain Power	CoolHome /	wind,	2002	Contribution
		CoolBusiness	biomass		
VT	Green Mountain Power	Greener GMP	various renewables	2006	3.0¢/kWh
VA	AEP Appalachian Power	Green Pricing Option	low impact hydro	2009	1.5¢/kWh
VA	Dominion Virginia Power / 3Degrees	Dominion Green Power	biomass, low-impact hydro, solar, wind	2009	1.5¢/kWh
WA	Avista Utilities	Buck-A-Block	wind	2002	0.33¢/kWh
WA	Benton County Public Utility District	Green Power Program	landfill gas, wind, hydro	1999	Contribution
WA	Chelan County PUD	Sustainable Natural Alternative Power (SNAP)	PV, wind, micro hydro	2001	Contribution
WA	Clallam County PUD	Clallam County PUD Green Power Program	landfill gas	2001	0.69¢/kWh
WA	Clark Public Utilities	Green Liahts	PV, wind	2002	1.5¢/kWh
WA	Cowlitz PUD	Renewable Resource Energy	wind, PV	2002	2.0¢/kWh
WA	Grant County PUD	Alternative Energy Resources Program	wind	2002	2.0¢/kWh
WA	Gravs Harbor PUD	Green Power	wind	2002	3.0¢/kWh
WA	Lewis County PUD	Green Power Energy Rate	wind	2003	2.0¢/kWh
WA	Mason County PUD No. 3	Mason Evergreen Power	wind	2003	1.0¢/kWh
WA	Northen Wasco County PUD	Pure Power	wind	2007	2.5¢/kWh
WA	Orcas Power & Light	Go Green	wind, hydro	1999	3.5¢/kWh
WA	Pacific County PUD	Green Power	landfill gas	2002	1.05¢/kWh
WA	Pacificorp: Pacific Power	Blue Sky Block	wind	2000	1.95¢/kWh
WA	Peninsula Light	Green by Choice	wind, hydro, biogas	2002	2.0¢/kWh
WA	Puget Sound Energy	Green Power Program	wind, PV, biogas	2002	1.25¢/kWh
WA	Seattle City Light	Seattle Green Power	PV, biogas	2002	Contribution
WA	Seattle City Light	Green Up	wind	2005	1.5¢/kWh
WA	Snohomish County Public Utility	Planet Power	wind	2002	2.0¢/kWh
14/4	District	F		2000	1 2 1 1 1 1 2
WA WV	Tacoma Power  AEP Appalachian Power	EverGreen Options  Green Pricing Option	wind wind and	2000	1.2¢/kWh 1.5¢/kWh
WV	AEP Wheeling Power	Green Pricina Option	hydro wind and	2008	2.0¢/kWh
WI	Alliant Energy	Second Nature	hydro wind,	2000	2.0¢/kWh
		_	landfill gas		
WI	Dairyland Power Cooperative: Barron Electric, Bayfield/ Iron	Evergreen Renewable Energy Program	hydro, wind, landfill gas,	1998	1.5¢/kWh
	River, Chippewa / Cornell Valley, Clark / Greenwood, Dunn / Menomonie, Fau Claire / Fall Creek, Jackson / Black River Falls, Jump River / Ladysmith, Oakdale, Pierce-Pepin / Ellsworth, Polk-Burnett / Centuria, Price / Phillips, Richland, Riverland / Arcadia, St. Croix / Baldwin, Scenic Rivers / Lancaster, Taylor / Medford, Vernon / Westby		biogas		
WI	Clark / Greenwood, Dunn / Menomonie, Eau Claire / Fall Creek, Jackson / Black River Falls, Jump River / Ladysmith, Oakdale, Pierce-Pepin / Ellsworth, Polk-Burnett / Centuria, Price / Phillips, Richland, Riverland / Arcadia, St. Croix / Baldwin, Scenic Rivers / Lancaster, Taylor / Medford, Vernon / Westby Great River Energy: Head of the	Wellspring Renewable	biogas	1997	1.45¢/kWh-
WI	Clark / Greenwood, Dunn / Menomonie, Eau Claire / Fall Creek, Jackson / Black River Falls, Jump River / Ladvsmith, Oakdale, Pierce-Pepin / Ellsworth, Polk-Burnett / Centuria, Price / Phillips, Richland, Riverland / Arcadia, St. Croix / Baldwin, Scenic Rivers / Lancaster, Taylor / Medford, Vernon / Westby	Wellspring Renewable Wind Energy Program Green Power		1997	1.45¢/kWh- 2.0¢/kWh 1.0¢/kWh

WI	WPPI Energy (34 of 37 munis offer program): Algoma. Cedarburg, Florence, Kaukauna. Muscoda, Stoughton, Reedsburg, Oconomowoc, Waterloo, Whitehall, Columbus, Hartford, Lake Mills, New Holstein, Richland Center, Boscobel, Cuba City, Hustisford, Sturgeon Bay, Waunakee, Lodi, New London, Plymouth, River Falls, Sun Prairie, Waupun, Eagle River, Jefferson, Menasha, New Richmond, Prairie du Sac, Slinger, Two Rivers, Westby	Renewable Energy Program	small hydro, wind, biogas	2001	1.0¢/kWh
WI	We Energies	Energy for Tomorrow	landfill gas, PV, hydro, wind	1996	1.37¢/kWh
WI	Wisconsin Public Service	Solar Wise for Schools	PV in schools	1996	Contribution
WI	Wisconsin Public Service	<u>NatureWise</u>	wind, landfill gas, biogas	2002	1.25¢/kWh
WY	Basin Electric Power Cooperative: Powder River Energy	<u>Prairie Winds</u>	wind	2000	0.5¢/kWh
WY	Chevenne Light, Fuel and Power Company/Bonneville Environmental Foundation	Renewable Premium Program	99% new wind, 1% new solar	2006	3.5¢/kWh
WY	Lower Valley Energy	Green Power	wind	2003	1.167¢/kWh
WY	Pacificorp: Pacific Power	Blue Sky	wind	2000	1.95¢/kWh
WY	Tri-State Generation & Transmission: Carbon Power & Light, Inc.	Renewable Resource Power Service	wind, hydro	2001	0.8¢/kWh
WY	Yampa Valley Electric Association	Wind Energy Program	wind	1999	0.6¢/kWh

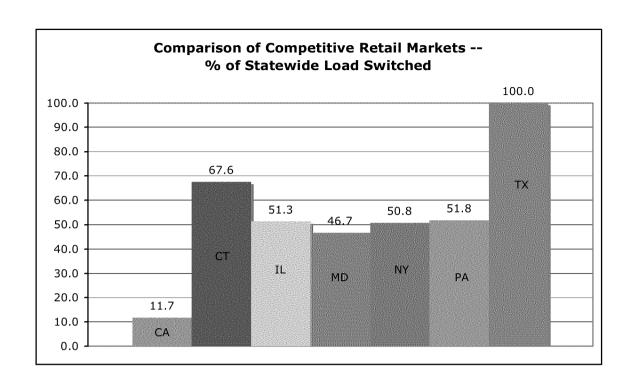
Source: National Renewable Energy Laboratory, Golden, Colorado.

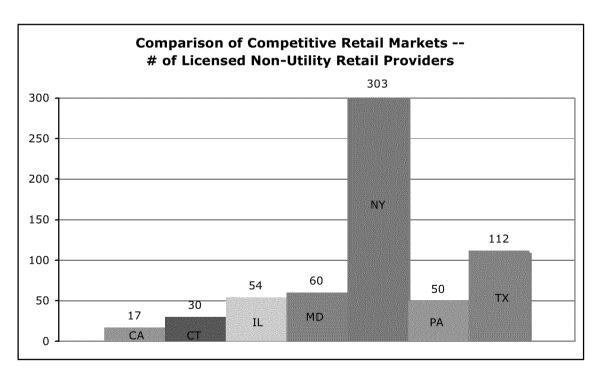
**Notes:** Utility green pricing programs may only be available to customers located in the utility's service territory.

Not finding the program you were looking for? Please refer to our other tables in  $\underline{\text{Information}}$  Resources or go directly to  $\underline{\text{Buying Green Power}}$  page.

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Content Last Updated: 12/16/2010





# SECURITY REQUIREMENTS FOR COMPETITIVE RETAIL PROVIDERS – SAMPLE STATES

State	Credit Standard (Standard & Poor's)	Financial Security Amount
CA <i>Proposed</i>	AA	Unknown may vary from \$100,000 to \$25 million+
СТ	Not Specified	Lesser of (a) \$250,000 or (b) 5% of estimated gross receipts of one year of operation.
IL	BBB-	Varies from \$30,000 - \$300,000 depending on type of customer served.
MD	Not applicable	Proof of financial integrity. <u>If</u> collecting deposits or prepayments \$50,000 initially then 100% of deposits or prepayments.
NY	BBB	Must satisfy creditworthiness requirements
PA	Not applicable	Initially \$250,000; after 1 <sup>st</sup> year 10% of reported gross receipts.
TX	BBB-	Can meet rating or net worth requirements; if not may provide letter of credit of \$500,000.