Commissioner Clyde Holloway

Renewable Energy

LPSC Renewable Energy Pilot

- RFPs issued by Utility Companies by Order of Commission, November 2010
- Searching for various forms of renewable energy and their actual cost in Louisiana
- Competitive Pricing in Louisiana
- Reliability and Cost Factors
 - Is power intermittent?
 - Will back-up power have to be provided?

Louisiana Consistently Among the Lowest Residential Rates in U.S.

2012---currently the lowest of 50 states—8.45 cents per kilowatt

2011---4th lowest in the nation---8.96 cents per kilowatt

2010—12th lowest in the nation—8.98 cents per kilowatt

2009---5th lowest in the nations—8.10 cents per kilowatt

Source: U.S. Energy Information Administration (EIA) www.eia.gov/

State		State		State		State	
ouisiana		Idaho		daho		North Dakota	
Vashington		Washington		Washington		Washington	
entucky		North Dakota		North Dakota		daho	
Oklahoma		Louisiana		Kentucky		West Virginia	
daho	09.53			Utah		ouisiana	
Arkansas	09.66	Arkansas	09.03	Wyoming	08.7	Kentucky	
ndiana	09.79	Wyoming	09.1	West Virginia	08.7	Utah	
Vest Virginia	09.87	Kentucky	09.20	Arkansas	08.8	Oklahoma	
ennessee	09.95	Nebraska	09.3	Oregon	08.8	South Dakota	
North Dakota	09.97	South Dakota	09.3	Nebraska	08.9	Nebraska	
Mississippi	10.06	West Virginia	09.3	South Dakota	08.9	Missouri	
Pregon	10.13	Oklahoma	09.4	Louisiana	08.9	Wyoming	
Vyoming	10.40	Oregon	09.5	Missouri	09.0	Oregon	
outh Dakota	10.48	Missouri	09.7	Oklahoma	09.1	Montana	
Montana	10.63	Montana	09.7	Montana	09.1	Tennessee	
Jtah	10.69	Tennessee	09.9	Tennessee	09.2	Arkansas	
llinois		Indiana		Indiana		indiana	
North Carolina		Mississippi		Mississippi		Kansas	
exas		North Carolina		Kansas		Bowa	
Missouri	11.26			Georgia		North Carolina	
lebraska		Virginia		North Carolina		Colorado	
outh Carolina		Kansas		lowa		New Mexico	
klabama		Minnesota		Virginia		Minnesota	
levada		New Mexico		South Carolina		Georgia	
		Seorgia		SNew Mexico		Mississippi	
/irginia		Georgia South Carolina					
lorida				Minnesota		South Carolina	
owa		Arizona		Alabama		Virginia	
Cansas		Texas		Arizona		Alabama	
Arizona		Alabama		Colorado		Ohio	
Minnesota		Colorado		Ohio		Arizona	
Georgia	11.96			2Florida		l Ilinois	
J.S. Total		Florida		Illinois		U.S. Total	
Dhio		Nevada		U.S. Total		Michigan	
New Mexico		U.S. Total		Texas		Pennsylvania	
Colorado	12.23	Illinois	11.78	Nevada	12.3	Wisconsin	
District of Columbia	12.25	Wisconsin	13.00	Michigan	12.4	Texas	
ennsylvania	12.70	Pennsylvania	13.20	Wisconsin	12.6	Florida	
Maryland	13.00	Michigan	13.2	Pennsylvania	12.7	Nevada	
Delaware	13.34	Maryland	13.3	1Delaware	13.8	District of Columbia	
Visconsin	12.26	District of Columbia	12.4	District of Columbia	14.0	Delaware	
hode Island		Delaware		Maryland		Delaware California	
Aassachusetts		Rhode Island		awaryiang Massachusetts		Vermont	
Maine Alaine		Massachusetts		amassacnusetts /California		wermont Maryland	
		Massachusetts California		Vermont		Maryland Rhode Island	
Aichigan		California Maine				Rhode Island Maine	
alifornia				Maine			
lew Hampshire		New Jersey		Rhode Island		New Hampshire	
lew Jersey		Vermont		Alaska		New Jersey	
'ermont		New Hampshire		New Hampshire		Massachusetts	
Connecticut		Alaska		New Jersey		Alaska	
lew York		Connecticut		New York		New York	
laska	19.31	New York	18.20	Connecticut	19.2	Connecticut	
	1						

Cost to Taxpayers

68. Wind and Solar Energy System Credit

A credit is allowed for the cost of purchase and installation of a wind energy system or solar energy system, or both, a taxpayer at their residence located in Louisiana, by a taxpayer who owns a residential rental apartment project, or by a taxpayer who purchases and installs such a system in a residence or a residential rental apartment project which is located in Louisiana. The credit may be claimed if a resident individual purchases a new home with a system installed, a system is purchased and installed at an existing home, or a system is installed at a new or existing apartment project. The credit is for 50 percent of the first \$25,000 of the cost of a system purchased and installed on or after January 1, 2008. The credit may be used in addition to any federal tax credits earned for the same system, except that, a taxpayer may not receive any other state tax credit, exemption, exclusion, deduction, or any other tax benefit for property for which a tax credit has been received under this Section. Only one tax credit is available for any eligible system and use of credit must be disclosed when property is sold.

Legal Citation

R.S. 47:6030

Origin

Acts 2007, No. 371, amended by Acts 2009, No.467

Effective Date

January 1, 2008

Beneficiaries

Taxpayers installing wind or solar energy systems on their property.

Estimated Fiscal Effect

Estimated Effect

FYE 6-12\$13,199,000

FYE 6-13 \$13,463,000

Source: Louisiana Department of Revenue

• NOTE: COST /NUMBER OF INSTALLATIONS CONTINUES TO ESCALATE DUE LEASING OF SOLAR PANELS BEING ADDED TO THE LEGISLATION DURING THE 2008 SESSION.

Cost Projections for 2013

(Based on Utility Installation of Past Year/Pending Orders)

Conservative Estimates
(based on 2,000 additional net metering customers in the fiscal coming year)

2,000 customers x one (1) system @\$12,500= **\$25** million 2,000 customers x two (2) systems @ \$12,500= **\$50** million 2,000 customers x three(3) systems @ \$12,500= **\$75** million 2,000 customers x four(4) systems @ \$12,500 = **\$100** million

Estimates exclude Louisiana's 10 electrical cooperatives.

Net Metering Residential Louisiana Customers Compared to Surrounding States

AEP (SWEPCO)

- Arkansas: 96,142 total customers—12 net metered customers
- Texas: 147,519 total customers ---19 net metered customers
- Louisiana: 200,660 total customers---
- 417 + 271 (pending for 2012)= 688 net metered customers

Entergy Systems in Louisiana (ELL, EGSL, ENO)

- Arkansas: 584,504 total customers---53 net metered customers
- Mississippi: 368,323 total customers---4 net metered customers
- Texas: 365,552 total customers----89 net metered customers
- Louisiana 1,063,701 total customers ----2,069 net metered customers

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