RESIDENTIAL ELECTRICITY RATES FOR THE UNITED STATES FOR SOLCOST DATA BANK CITIES

Prepared by
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RESIDENTIAL ELECTRICITY RATES FOR THE
UNITED STATES FOR SOLCOST DATA BANK CITIES

(Source: University of Alabama in Huntsville)

by

Laurie E. Smith
Planning and Evaluation

May, 1981

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This report presents the most currently available residential electricity price information provided in the Residential Utility Rate Guide for Solcost Data Bank Cities, by Sue B. Weir, Principal Investigator; prepared for the U.S. Department of Energy Grant Number DE-FG01-79CS30013.

The format of the report is organized with the SSEC region first, followed by the rest of the nation. Amounts are given in \$/kWh and \$/MM Btu for an average residence that uses 1000 Kilowatt hours a month.

Electricity Rates For Solcost Data Cities
(Based on Monthly Use of 1000 kwh)

<u>State/City</u> <u>SSEC Region</u>	<u>\$/kWh</u>	<u>\$/MMBtu</u>	<u>Effective</u> <u>Date</u>
Alabama			
Birmingham	.0605	17.73	11/80
Huntsville	.0362	10.59	11/80
Mobile	.0605	17.73	11/80
Montgomery	.0605	17.73	11/80
Arkansas			
Ft. Smith	.0312	9.14	11/81
Little Rock	.0610	17.87	12/80
Delaware			
Wilmington	.0796	23.32	11/80
Florida			
Apalachicola	.0641	18.77	10/80
Daytona Beach	.0520	15.24	10/80
Gainesville	.0492	14.42	10/80
Jacksonville	.0908	26.60	12/80
Key West	.0521	15.27	10/80
Miami	.0533	15.62	12/80
Orlando	.0595	17.45	11/80
Pensacola	.0673	19.72	12/80
Tallahassee	.0619	18.14	11/80
Tampa	.0605	17.73	12/80
West Palm Beach	.0524	15.36	10/80
Georgia			
Atlanta	.0439	12.86	11/80
Augusta	.0435	12.76	12/80
Griffin	.0487	14.28	10/80
Macon	.0457	13.40	11/80
Savannah	.0601	17.61	12/80
Kentucky			
Ashland	.0478	14.03	12/80
Covington	.0501	14.69	10/80
Lexington	.0480	14.07	11/80
Louisville	.0428	12.56	12/80
Louisiana			
Baton Rouge	.0492	14.42	11/80
Lake Charles	.0492	14.42	11/80
New Orleans	.0598	17.54	11/80
Shreveport	.0442	12.96	11/80

<u>State/City</u> <u>SSEC Region</u>	<u>\$/kWh</u>	<u>\$/MMBtu</u>	<u>Effective</u> <u>Date</u>
<u>Maryland</u>			
Annapolis	.0588	17.24	11/80
Baltimore	.0588	17.24	11/80
Cumberland	.0521	15.26	11/80
Patuxent River	.0647	18.96	11/80
Salisbury	.0730	21.39	11/80
Silver Hill	.0597	16.96	11/80
<u>Mississippi</u>			
Jackson	.0650	19.04	11/80
Meridian	.0532	15.58	11/80
Vicksburg	.0650	19.94	10/80
<u>North Carolina</u>			
Asheville	.0474	13.88	10/80
Cape Hatteras	.0761	22.29	10/80
Charlotte	.0451	13.20	11/80
Greensboro	.0451	13.20	11/80
Raleigh	.0474	13.89	10/80
<u>Oklahoma</u>			
Oklahoma City	.0578	16.93	10/80
Stillwater	.0726	21.28	10/80
Tulsa	.0497	14.58	10/80
<u>South Carolina</u>			
Charleston	.0520	15.24	11/80
Columbia	.0520	15.24	11/80
Greenville	.0453	13.27	11/80
<u>Tennessee</u>			
Chattanooga	.0408	11.95	12/80
Knoxville	.0381	11.15	11/80
Memphis	.0392	11.50	11/80
Nashville	.0366	10.74	11/80
Oak Ridge	.0353	10.36	11/80
<u>Texas</u>			
Abilene	.0534	15.65	11/80
Amarillo	.0653	19.14	11/80
Austin	.0340	9.96	12/80
Big Springs	.0554	16.23	11/80
Brownsville	.0753	22.08	11/80
Corpus Christi	.0753	22.08	11/80
Dallas	.0585	17.13	11/80
Del Rio	.0753	22.08	11/80
El Paso	.0676	19.82	11/80
Fort Worth	.0554	16.23	11/80

<u>State/City</u> <u>SSEC Region</u>	<u>\$/kWh</u>	<u>\$/MMBtu</u>	<u>Effective</u> <u>Date</u>
Galveston	.0464	13.59	11/80
Houston	.0464	13.59	11/80
Kingsville	.0688	20.16	11/80
Laredo	.0688	20.16	11/80
Lubbock	.0661	19.37	11/80
Lufkin	.0582	17.04	11/80
Midland	.0554	16.23	11/80
Port Arthur	.0516	15.13	12/80
San Angelo	.0361	10.58	11/80
San Antonio	.0487	14.27	11/80
Sherman	.0582	17.04	11/80
Waco	.0582	17.04	11/80
Wichita Falls	.0554	16.23	11/80
<u>Virginia</u>			
Norfolk	.0677	19.85	11/80
Richmond	.0655	19.20	11/80
Roanoke	.0566	16.59	11/80
<u>West Virginia</u>			
Charleston	.0449	13.18	11/80
Elkins	.0513	15.03	11/80
Hinton	.0501	14.68	11/80
Huntington	.0458	13.43	11/80
Parkesburg	.0504	14.77	11/80

<u>State/City</u> <u>Outside SSEC Region</u>	<u>\$/kWh</u>	<u>\$/MMBtu</u>	<u>Effective</u> <u>Date</u>
<u>Alaska</u>			
Annette	.0471	13.80	12/80
Barrow	.1304	38.21	12/80
Bettie	.3770	110.46	12/80
Big Delta	.1039	30.44	12/80
Fairbanks	.0826	24.20	12/80
Homer	.0708	20.74	12/80
Juneau	.0465	13.62	12/80
Kodiak	.1583	46.38	12/80
Kotzebue	.1979	57.98	12/80
Mantanusku	.0693	20.30	12/80
Nome	.2534	74.25	12/80
Yakutat	.2157	63.20	12/80
<u>Arizona</u>			
Page	.0659	19.31	10/80
Phoenix	.0626	18.34	10/80
Prescott	.0659	19.31	10/80
Tucson	.0683	20.01	10/80
Winslow	.0654	19.16	10/80
Yuma	.0659	19.31	10/80
<u>California</u>			
Aracata	.0423	12.39	11/80
Bakersfield	.0423	12.39	11/80
China Lake	.0714	20.92	11/80
Daggett	.0714	20.92	11/80
Davis	.0423	12.39	11/80
El Toro	.0714	20.92	11/80
Eureka	.0423	12.39	11/80
Fresno	.0423	12.39	11/80
Inyokern	.0714	20.92	11/80
Long Beach	.0714	20.92	11/80
Los Angeles	.0729	21.36	11/80
Mt. Shasta	.0253	7.41	11/80
Needles	.0384	11.25	11/80
Oakland	.0423	12.39	11/80
Pasadena	.0693	20.30	11/80
Point Mugu	.0714	20.92	11/80
Red Bluff	.0423	12.39	11/80
Riverside	.0678	19.86	11/80
Sacramento	.0216	6.33	11/80
San Diego	.1010	29.59	11/80
San Francisco	.0423	12.39	11/80
San Jose	.0423	12.39	11/80
Santa Maria	.0423	12.39	11/80
Sunnyvale	.0433	12.39	11/80

<u>State/City</u> <u>Outside SSEC Region</u>	<u>\$/kWh</u>	<u>\$/MMBtu</u>	<u>Effective</u> <u>Date</u>
<u>Colorado</u>			
Boulder	.0504	14.77	10/80
Colorado Springs	.0520	15.25	10/80
Denver	.0600	17.58	10/80
Eagle	.0475	13.92	10/80
Grand Junction	.0564	16.53	10/80
Grand Lake	.0426	12.48	10/80
Pueblo	.0523	15.38	12/80
<u>Connecticut</u>			
Hartford	.0629	18.40	11/80
<u>Hawaii</u>			
Honolulu	.0792	23.21	10/80
<u>Idaho</u>			
Boise	.0315	9.23	10/80
Lewiston	.0194	5.68	10/80
Pocatello	.0315	9.23	10/80
Twin Falls	.0315	9.23	10/80
<u>Illinois</u>			
Cairo	.0468	13.71	10/80
Chicago	.0720	21.09	11/80
Lemont	.0624	18.28	10/80
Moline	.0542	15.88	10/80
Peoria	.0587	17.20	10/80
Springfield	.0419	12.27	10/80
<u>Indiana</u>			
Evansville	.0519	15.21	10/80
Ft. Wayne	.0492	14.42	10/80
Indianapolis	.0473	13.86	10/80
South Bend	.0492	14.42	10/80
<u>Iowa</u>			
Ames	.0705	20.66	10/80
Burlington	.0492	14.42	10/80
Des Moines	.0582	17.05	10/80
Dubuque	.0588	17.23	10/80
Mason City	.0589	17.26	10/80
Sioux City	.0708	20.74	10/80
<u>Kansas</u>			
Concordia	.0405	11.86	10/80
Dodge City	.0409	11.98	10/80
Goodland	.0550	16.12	10/80
Manhattan	.0420	12.31	10/80
Topeka	.0451	13.21	10/80
Wichita	.0443	12.98	10/80

<u>State/City</u> <u>Outside SSEC Region</u>	<u>\$/kWh</u>	<u>\$/MMBtu</u>	<u>Effective</u> <u>Date</u>
<u>Maine</u>			
Bangor	.0713	20.89	10/80
Caribou	.0620	18.16	10/80
Eastport	.0713	20.89	10/80
Portland	.0582	17.05	11/80
<u>Massachusetts</u>			
Amherst	.0980	28.71	01/81
Blue Hill (Milton)	.0986	28.88	12/80
Boston	.0986	28.88	12/80
Lynn	.0819	23.99	11/80
Natick	.0986	28.88	12/80
<u>Michigan</u>			
Alpena	.0456	13.36	11/80
Detroit	.0599	17.55	11/80
East Lansing	.0535	15.67	11/80
Flint	.0614	17.99	11/80
Grand Rapids	.0614	17.99	11/80
Houghton	.0649	19.02	10/80
Lansing	.0535	15.67	10/80
Marquette	.0555	16.26	11/80
Sault Ste. Marie	.0342	10.02	10/80
Traverse City	.0526	15.41	12/80
<u>Minnesota</u>			
Duluth	.0547	16.03	11/80
International Falls	.0359	10.52	11/80
Minneapolis	.0518	15.17	11/80
Rochester	.0458	13.42	11/80
St. Cloud	.0533	15.62	11/80
<u>Missouri</u>			
Columbia	.0525	15.38	11/80
Kansas City	.0726	21.27	11/80
Springfield	.0554	16.23	11/80
St. Louis	.0454	13.30	11/80
<u>Montana</u>			
Billings	.0271	7.94	11/80
Cut Bank	.0302	8.85	11/80
Dillon	.0271	7.94	11/80
Glasgow	.0271	7.94	11/80
Great Falls	.0271	7.94	11/80
Havre City	.0271	7.94	11/80
Helena	.0271	7.94	11/80
Kalispell	.0242	7.09	11/80
Lewiston	.0271	7.94	11/80
Miles City	.0439	12.86	11/80
Missoula	.0271	7.94	11/80

<u>State/City</u> <u>Outside SSEC Region</u>	<u>\$/kWh</u>	<u>\$/MMBtu</u>	<u>Effective</u> <u>Date</u>
<u>Nebraska</u>			
Grand Island	.0679	19.89	11/80
Lincoln	.0899	11.69	11/80
North Omaha	.0390	11.43	11/80
North Platte	.0476	13.95	11/80
Scotts Bluff	.0567	16.61	11/80
<u>Nevada</u>			
Elko	.0279	8.17	11/80
Ely	.0422	12.36	11/80
Las Vegas	.0430	12.60	11/80
Lovelock	.0749	21.94	11/80
Reno	.0749	21.94	11/80
Tonopah	.0606	17.75	11/80
Winnemucca	.0602	17.64	11/80
<u>New Hampshire</u>			
Concord	.0772	22.62	10/80
<u>New Jersey</u>			
Atlantic City	.0772	22.62	10/80
Lakehurst	.0762	22.33	10/80
Newark	.0850	24.91	11/80
Trenton	.0850	24.91	11/80
<u>New Mexico</u>			
Albuquerque	.0744	46.70	11/80
Claxton	.0756	22.15	11/80
Farmington	.0685	20.07	11/80
Roswell	.0697	17.49	11/80
Truth or Consequences	.0453	13.27	11/80
Tucumcari	.0597	17.49	11/80
Zuni	.0454	13.30	11/80
<u>New York</u>			
Albany	.0462	13.54	11/80
Binghamton	.0616	18.05	11/80
Buffalo	.0486	14.24	11/80
Canton	.0475	13.92	11/80
Ithaca	.0603	17.66	11/80
Massena	.0475	13.92	11/80
New York City	.1039	30.44	11/80
Rochester	.0598	17.52	10/80
Schenectady	.0462	13.54	11/80
Syracuse	.0462	13.54	11/80

<u>State/City</u> <u>Outside SSEC Region</u>	<u>\$/kWh</u>	<u>\$/MMBtu</u>	<u>Effective</u> <u>Date</u>
<u>North Dakota</u>			
Bismark	.0446	13.07	11/80
Devil's Lake	.0547	16.03	11/80
Fargo	.0421	12.34	11/80
Minot	.0414	12.13	11/80
Williston	.0446	13.07	11/80
<u>Ohio</u>			
Akron	.0604	17.70	12/80
Cincinnati	.0440	12.89	11/80
Cleveland	.0625	18.31	12/80
Columbus	.0653	19.13	12/80
Dayton	.0673	19.78	12/80
Put-in-Bay	.0604	17.70	12/80
Toledo	.0734	21.51	11/80
Youngstown	.0604	17.70	12/80
<u>Oregon</u>			
Astoria	.0341	9.99	11/80
Baker	.0252	7.38	11/80
Burns	.0252	7.38	11/80
Corvallis	.0341	9.99	11/80
Medford	.0341	9.99	11/80
North Bend	.0341	9.99	11/80
Pendleton	.0341	9.99	11/80
Portland	.0361	10.58	11/80
Redmond	.0341	9.99	11/80
Roseburg	.0341	9.99	11/80
Salem	.0361	10.58	11/80
<u>Pennsylvania</u>			
Allentown	.0503	14.74	11/80
Avoca	.0503	14.74	11/80
Erie	.0523	15.32	11/80
Harrisburg	.0503	14.74	11/80
Philadelphia	.1061	31.08	11/80
Pittsburgh	.0679	19.89	11/80
Scranton	.0534	15.65	11/80
State College	.0467	13.68	11/80
<u>Rhode Island</u>			
Block Island	.1924	56.37	11/80
Newport	.0803	23.59	11/80
Providence	.0864	25.32	10/80

<u>State/City</u> <u>Outside SSEC Region</u>	<u>\$/kWh</u>	<u>\$/MMBtu</u>	<u>Effective</u> <u>Date</u>
<u>South Dakota</u>			
Huron	.0689	20.18	12/80
Pierre	.0328	9.61	11/80
Rapid City	.0583	17.08	11/80
Sioux Falls	.0418	12.25	11/80
<u>Utah</u>			
Bryce Canyon	.0583	17.08	10/80
Cedar City	.0719	21.07	10/80
Salt Lake City	.0609	17.84	10/80
<u>Vermont</u>			
Burlington	.0515	15.09	11/80
<u>Washington</u>			
Olympia	.0213	6.24	11/80
Prosser	.0139	4.07	11/80
Pullman	.0196	5.74	11/80
Richland	.0211	6.18	11/80
Seattle	.0689	20.18	11/80
Spokane	.0192	5.63	11/80
Tacoma	.0157	4.60	11/80
Walla Walla	.0295	8.64	11/80
Whidbey Island	.0213	6.24	11/80
Yukinia	.0287	8.41	11/80
<u>Wisconsin</u>			
Eau Claire	.0413	12.10	11/80
Green Bay	.0437	12.80	11/80
La Crosse	.0413	12.10	11/80
Madison	.0473	13.86	11/80
Milwaukee	.0455	13.33	11/80
<u>Wyoming</u>			
Casper	.0287	8.41	11/80
Cheyenne	.0286	8.40	11/80
Lander	.0287	8.41	11/80
Laramie	.0287	8.41	11/80
Rock Springs	.0287	8.41	11/80
Sheridan	.0378	11.07	11/80