STATE HEATING OIL

and

PROPANE PROGRAM

DOE/EI/22782--T3

1993 -1994

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STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL
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**STATE HEATING OIL AND PROPANE PROGRAM
1993-1994**

FINAL REPORT

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UNITED STATES DEPARTMENT OF ENERGY
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1993 - 1994 STATE HEATING OIL AND PROPANE PROGRAM

Introduction

In cooperation with the United States Department of Energy (USDOE), Energy Information Administration (EIA), the New Jersey Department of Environmental Protection and Energy (DEPE), Office of Energy participated in an ongoing program to monitor retail prices of no. 2 heating oil and propane in New Jersey.

According to program instructions, we conducted twelve price surveys on a semi-monthly basis to obtain the necessary information from retail fuel merchants and propane dealers identified by the EIA. According to program instructions and at the discretion of the USDOE, we conducted three additional propane surveys on January 31 and February 14 and 28, 1994. The surveys began on October 4, 1993 and ended on March 21, 1994.

We submitted data collected as of specified report dates to the EIA, within two working days of those dates.

Data Collection

For the current heating season eighteen retail fuel merchants and nineteen propane dealers provided survey data. Most of the dealers participated previously. All dealers were notified of their participation by the USDOE/EIA prior to the first survey. A properly identified staff person from our Office contacted participants as specified by the EIA schedule. The fuel merchants furnished residential retail prices (excluding taxes) of no. 2 heating oil. The propane dealers furnished residential retail prices (excluding taxes) of propane. On the first report date only, each propane dealer furnished the approximate sales of propane sold to residential customers in the State during the period of September 1, 1992 to August 31, 1993.

Data Reporting

As instructed, we reported survey results to the EIA using the assigned codes. The results were transmitted via PEDRO software.

Discussion of Survey Procedure

Fuel merchants and propane dealers included in the surveys were notified of their participation by letter. On the first survey date, our Office contact addressed any questions or concerns of participants. Most were familiar with survey procedures.

In an effort to assure the accuracy of all survey results, we monitored price data carefully throughout the survey period. If EIA or Energy staff questioned responses, participants were asked for verification. We made corrections to data if required.

Discussion of Survey Data

The eighteen retail fuel merchants and the nineteen propane dealers identified by the EIA reported the survey data, as scheduled, in a timely manner. Once more we explained price requirements in detail. We can be reasonably sure that reported prices produced fairly consistent survey results. The additional surveys were conducted because of severe winter weather conditions during the months of January and February, to track any unusual trends in prices.

The maximum retail price of no. 2 heating oil of \$1.150 occurred on February 7 and 14, 1994. The minimum retail price of \$0.750 occurred on October 4, 1993 and again during the period of November 15, 1993 to January 17, 1994. From October 4, 1993 to March 21, 1994 the net percent change in the average retail price was 7.3%.

The maximum retail price of propane of \$1.490 occurred during the period of February 7 to March 21, 1994. The minimum retail price of \$0.980 occurred during the period of October 4, 1993 to January 17, 1994. From October 4, 1993 to March 21, 1994, the net percent change in the average retail price was 5.0%.

The overall activity of the prices reported during the surveys is reflected in the tables and graphs supplied as Attachment 1-1A, 1B and 1-2A, 2B, 2C.

WINTER FUELS SURVEYS 1993-1994
USDOE/NJDEPR
HEATING OIL RETAIL PRICES(\$/GAL)

ID #	1993						1994								
	10/04	10/18	11/01	11/15	12/06	12/20	1/03	1/17	1/31	2/07	2/14	2/21	2/28	3/07	3/21
NJ00005	0.860	0.869	0.849	0.869	0.849	0.849	0.849	0.899	0.899	0.929	0.929	0.939	0.939	0.899	0.899
NJ00009	1.028	1.028	1.039	1.039	1.042	1.026	1.002	1.057	1.076	1.087	1.091	1.091	1.091	1.084	1.056
NJ00013	1.030	1.030	1.030	1.030	1.030	1.030	1.030	1.030	1.030	1.030	1.090	1.090	1.090	1.090	1.090
NJ00016	0.949	0.999	0.999	0.990	0.999	0.999	0.999	0.999	1.049	1.049	1.049	1.049	1.049	1.049	1.049
NJ00019	1.034	1.059	1.059	1.044	1.034	1.044	1.044	1.064	1.084	1.119	1.119	1.109	1.089	1.094	1.079
NJ00027	0.899	0.899	0.909	0.909	0.909	0.909	0.909	0.909	0.949	0.969	0.999	0.999	0.999	0.999	0.999
NJ00044	0.880	0.886	0.902	0.911	0.919	0.926	0.935	0.958	1.003	1.025	1.043	1.052	1.052	1.052	1.025
NJ00090	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.090	1.050	1.050	1.050
NJ00202	1.069	1.069	1.069	1.069	1.069	0.999	0.999	0.999	1.069	1.069	1.069	1.069	1.069	1.069	1.069
NJ00231	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.920	0.920	0.950	0.950	0.950	0.950	0.920	0.890
NJ00267	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	1.109	1.119	1.119	1.119	1.119	1.119
NJ00292	1.049	1.079	1.079	1.079	1.009	1.050	1.050	1.080	1.100	1.150	1.150	1.100	1.100	1.100	1.100
NJ00334	1.079	1.079	1.079	1.079	1.059	1.059	1.059	1.059	1.099	1.139	1.149	1.149	1.149	1.099	1.099
NJ00355	0.990	1.050	1.050	1.050	1.010	1.010	1.010	1.080	1.080	1.080	1.080	1.080	1.080	1.080	1.080
NJ00409	0.920	0.950	0.950	0.890	0.860	0.860	0.860	0.960	0.960	0.980	1.000	1.000	1.000	0.950	0.950
NJ00433	0.750	0.770	0.770	0.750	0.750	0.750	0.750	0.750	0.770	0.890	0.900	0.900	0.900	0.900	0.900
NJ00434	0.869	0.889	0.889	0.889	0.889	0.889	0.889	0.889	0.929	0.929	0.949	0.949	0.949	0.949	0.949
NJ00580	0.899	0.899	0.949	0.949	0.949	0.949	0.949	0.949	0.949	0.999	0.999	1.049	1.049	1.049	1.049
MINIMUM	0.750	0.770	0.770	0.750	0.750	0.750	0.750	0.750	0.770	0.890	0.900	0.900	0.900	0.899	0.890
MAXIMUM	1.079	1.079	1.079	1.079	1.069	1.059	1.059	1.080	1.100	1.150	1.150	1.149	1.149	1.119	1.119
AVERAGE	0.955	0.969	0.973	0.969	0.959	0.958	0.957	0.981	1.001	1.031	1.041	1.044	1.040	1.031	1.025

WINTER FUELS SURVEYS 1993-1994
USDOE/NJDEPE
PROPANE RETAIL PRICES (\$/GAL)

ID #	SALES															
	(th/gal)	9/92-8/93	1993													
		10/04	10/18	11/01	11/15	12/06	12/20	1/03	1/17	1/31	2/07	2/14	2/21	2/28	3/07	3/21
NJ00001	180	1.360	1.360	1.360	1.360	1.360	1.360	1.360	1.360	1.360	1.360	1.360	1.410	1.410	1.410	1.410
NJ00002	2,215	1.233	1.240	1.245	1.250	1.273	1.275	1.280	1.300	1.328	1.334	1.334	1.334	1.338	1.334	1.320
NJ00007	863	1.070	1.070	1.099	1.099	1.099	1.099	1.150	1.120	1.074	1.141	1.151	1.142	1.142	1.151	1.151
NJ00008	12,500	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.490	1.490	1.490	1.490	1.490	1.490
NJ00014	1,100	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140
NJ00015	1,456	1.130	1.130	1.130	1.130	1.130	1.130	1.130	1.130	1.130	1.130	1.180	1.180	1.180	1.180	1.180
NJ00023	1,400	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050
NJ00038	550	1.040	1.040	1.080	1.080	1.080	1.080	1.080	1.100	1.160	1.190	1.190	1.160	1.140	1.140	1.140
NJ00039	700	0.980	0.980	0.980	0.980	0.980	0.980	0.980	0.980	1.000	1.000	1.070	1.070	1.070	1.070	1.010
NJ00040	3,966	1.279	1.279	1.279	1.279	1.279	1.279	1.279	1.279	1.279	1.279	1.279	1.279	1.279	1.279	1.279
NJ00141	165	1.280	1.280	1.280	1.280	1.280	1.280	1.280	1.280	1.280	1.280	1.280	1.280	1.280	1.280	1.280
NJ00162	600	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150
NJ00211	2,700	1.280	1.280	1.280	1.290	1.290	1.290	1.290	1.290	1.290	1.340	1.370	1.370	1.370	1.370	1.370
NJ00226	1,539	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.270	1.270	1.270	1.270	1.270	1.270	1.270
NJ00424	450	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.099	1.090	1.090
NJ00442	515	1.020	1.020	1.020	1.020	1.020	1.020	1.020	1.020	1.020	1.100	1.100	1.100	1.100	1.100	1.100
NJ00461				1.260	1.260	1.260	1.260	1.260	1.260	1.200	1.200	1.260	1.260	1.260	1.260	1.260
NJ00511	205	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.250	1.220	1.220	1.220	1.220	1.220	1.220
NJ00616	142	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.050	1.100	1.100	1.100	1.100	1.100
TOTAL	31,246															
MINIMUM		0.980	0.980	0.980	0.980	0.980	0.980	0.980	0.980	1.000	1.000	1.050	1.050	1.050	1.050	1.010
MAXIMUM		1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.490	1.490	1.490	1.490	1.490	1.490
AVERAGE		1.153	1.154	1.163	1.164	1.165	1.165	1.168	1.174	1.182	1.201	1.215	1.216	1.215	1.215	1.211

USDOE/DEPE WINTER FUELS SURVEYS
HEATING OIL

USDOE/DEPE WINTER FUELS SURVEYS
PROPANE

USDOE/DEPE WINTER FUELS SURVEYS
HEATING OIL, PROPANE PRICE COMPARISON

■ Heating Oil ▲ Propane