

DOE/EI/23621--T1

**North Dakota
SHOPP Final Performance Report
DOE Grant #DE-FC01-92EI23621**

Narrative

During the last four heating seasons, in implementing SHOPP within the state of North Dakota, telephone surveys were conducted covering samples of between 26 and 30 residential propane dealers. In conducting the SHOPP survey in North Dakota, data collection was limited to residential propane prices. The surveys commenced the first Monday in October and ended in March. The surveys were normally conducted on the first and third Monday of each month. However, in the 1992/93 and 1993/94 heating seasons, the collection of data was increased briefly to weekly surveys at the direction of EIA.

In addition to the propane price surveys, the energy office conducted pre and post communications each year with the dealers in the sample. The additional communications with the sample dealerships assist in preparing for actual collection of information and in maintaining relationships and continuity for subsequent survey years.

In conducting the survey, the data was inputted into the PEDRO computerized data system for processing and transmittal to EIA.

Resulting Data

Detailed printouts of the price data from the 1995/96 SHOPP propane survey are contained in the attached tables. These tables contain data for all the survey respondents for all surveys.

The survey data, as analyzed by EIA, resulted in estimated average residential propane prices for the state of North Dakota during the heating season. Attached are line charts which plot this average price for propane within the state against the calculated average for PADD II, of which North Dakota is a part.

Miscellaneous Note

While each year annual budgets were prepared, actual expenditures were less than budgeted. This is due primarily to the fact that while funds were budgeted to attend the SHOPP annual meetings, three out of the four years a representative from North Dakota was unable to attend.

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03/18/96

NORTH DAKOTA -- PROPANE PRICES

12/04/95	11/20/95	11/06/95	10/16/95	10/02/95
0.570	0.560	0.550	0.520	0.520
0.770	0.770	0.770	0.770	0.770
0.700	0.700	0.650	0.630	0.630
0.550	0.500	0.500	0.500	0.500
0.580	0.580	0.580	0.580	0.580
0.580	0.530	0.530	0.530	0.530
0.690	0.600	0.600	0.600	0.600
0.560	0.560	0.560	0.530	0.530
0.750	0.690	0.690	0.650	0.650
0.650	0.630	0.560	0.510	0.500
0.510	0.490	0.490	0.470	0.470
0.670	0.650	0.620	0.620	0.600
0.700	0.650	0.650	0.650	0.650
0.530	0.540	0.540	0.510	0.460
0.700	0.650	0.650	0.650	0.650
0.400	0.600	0.600	0.600	0.600
0.620	0.600	0.600	0.560	0.560
0.710	0.650	0.650	0.650	0.650
0.680	0.680	0.650	0.600	0.600
0.640	0.640	0.640	0.640	0.630
0.670	0.670	0.620	0.620	0.620
0.660	0.600	0.600	0.600	0.600
0.600	0.600	0.600	0.600	0.600
0.620	0.590	0.570	0.570	0.550
0.770	0.730	0.730	0.710	0.710
0.700	0.700	0.700	0.700	0.600

03/18/96

NORTH DAKOTA - PROPANE PRICES

[illegible]

NORTH DAKOTA - PROPANE PRICES

[illegible]

04/14/94

NORTH DAKOTA - PROPANE PRICES

ID	03/21/94	03/07/94	02/28/94	02/21/94	02/14/94	02/07/94	01/31/94	01/17/94	01/03/94	12/20/93	12/06/93	11/15/93	11/01/93	10/18/93	10/04/93
ND00002	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.550	0.530	0.570	0.590	0.590	0.590	0.590	0.590
ND00005	0.770	0.770	0.770	0.770	0.780	0.780	0.780	0.750	0.750	0.780	0.780	0.770	0.740	0.740	0.740
ND00007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.600	0.600	0.600	0.640	0.620	0.620
ND00012	0.650	0.650	0.650	0.650	0.670	0.670	0.650	0.650	0.650	0.650	0.700	0.700	0.700	0.720	0.720
ND00020	0.670	0.670	0.670	0.670	0.670	0.600	0.600	0.600	0.620	0.620	0.580	0.650	0.650	0.670	0.650
ND00022	0.630	0.630	0.630	0.630	0.630	0.630	0.580	0.580	0.580	0.630	0.610	0.610	0.560	0.550	0.550
ND00024	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650
ND00025	0.720	0.720	0.720	0.720	0.720	0.750	0.750	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690
ND00027	0.530	0.530	0.530	0.530	0.530	0.500	0.500	0.480	0.480	0.500	0.500	0.500	0.500	0.500	0.500
ND00029	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.600	0.550
ND00030	0.650	0.710	0.710	0.710	0.710	0.710	0.710	0.710	0.670	0.650	0.650	0.650	0.640	0.640	0.640
ND00032	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.640	0.640	0.640	0.640
ND00034	0.570	0.570	0.570	0.570	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530
ND00035	0.670	0.720	0.720	0.720	0.720	0.720	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.670	0.640
ND00036	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570
ND00037	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.680	0.660	0.660	0.680	0.680	0.680	0.680	0.660
ND00038	0.540	0.560	0.560	0.560	0.560	0.560	0.560	0.560	0.560	0.560	0.560	0.560	0.560	0.560	0.560
ND00039	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.670	0.670	0.670	0.670	0.670	0.670	0.650	0.650
ND00046	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.680
ND00057	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.620	0.650	0.650	0.650	0.650
ND00058	0.720	0.725	0.730	0.750	0.750	0.750	0.750	0.750	0.750	0.760	0.760	0.740	0.740	0.740	0.690
ND00065	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.630	0.630	0.630	0.630
ND00066	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.600	0.600	0.600	0.590
ND00072	0.490	0.500	0.500	0.500	0.520	0.520	0.500	0.500	0.480	0.480	0.500	0.500	0.500	0.500	0.500
ND00138	0.580	0.600	0.600	0.620	0.620	0.620	0.620	0.600	0.600	0.600	0.560	0.560	0.560	0.560	0.560
ND00217	0.530	0.530	0.530	0.530	0.530	0.500	0.500	0.480	0.480	0.500	0.500	0.500	0.500	0.500	0.500
ND00239	0.650	0.700	0.700	0.700	0.700	0.700	0.650	0.650	0.670	0.670	0.670	0.670	0.670	0.670	0.650
ND00248	0.670	0.670	0.670	0.690	0.710	0.690	0.670	0.670	0.670	0.620	0.630	0.680	0.670	0.680	0.670
ND00458	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620	0.620
ND00460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.670	0.670	0.650	0.650	0.600	0.600

05/03/93

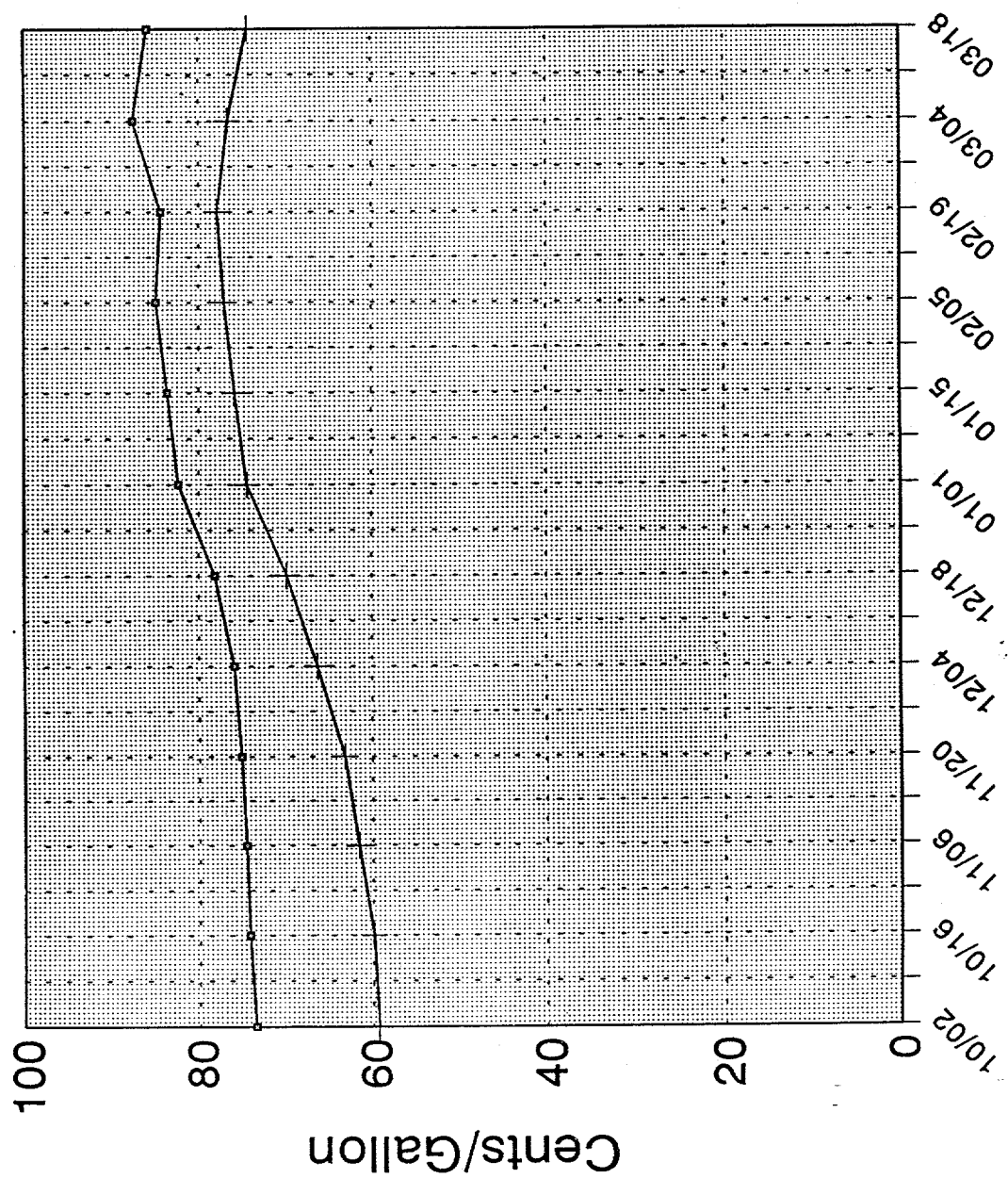
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NORTH DAKOTA - PROPANE PRICES

ID	04/19/93	04/05/93	03/15/93	03/01/93	02/15/93	02/01/93	01/25/93	01/18/93	01/11/93	01/04/93	12/21/92	12/07/92	11/16/92	11/02/92	10/19/92	10/05/92
ND00001	0.520	0.650	0.650	0.650	0.650	0.750	0.770	0.850	0.800	0.630	0.630	0.630	0.570	0.570	0.520	0.520
ND00002	0.580	0.580	0.540	0.530	0.630	0.630	0.750	0.850	0.770	0.600	0.560	0.560	0.540	0.540	0.510	0.510
ND00005	0.890	0.890	0.870	0.890	0.890	0.970	1.080	1.140	1.080	0.790	0.790	0.760	0.760	0.760	0.760	0.760
ND00007	0.640	0.710	0.740	0.740	0.690	0.690	0.850	0.880	0.880	0.680	0.610	0.610	0.590	0.570	0.570	0.520
ND00012	0.690	0.690	0.770	0.770	0.720	0.840	0.880	0.880	0.840	0.700	0.660	0.660	0.660	0.660	0.660	0.660
ND00020	0.650	0.650	0.670	0.670	0.670	0.720	0.720	0.870	0.770	0.570	0.570	0.570	0.570	0.570	0.570	0.540
ND00021	0.730	0.710	0.700	0.700	0.670	0.810	0.910	0.910	0.910	0.710	0.650	0.650	0.600	0.560	0.560	0.500
ND00022	0.610	0.520	0.700	0.720	0.760	0.770	0.870	0.870	0.950	0.670	0.610	0.610	0.610	0.540	0.570	0.540
ND00024	0.710	0.710	0.700	0.770	0.770	0.770	0.770	0.950	0.850	0.710	0.670	0.650	0.650	0.650	0.600	0.580
ND00025	0.750	0.800	0.800	0.800	0.800	0.850	0.850	0.950	0.950	0.750	0.750	0.750	0.700	0.680	0.650	0.650
ND00027	0.450	0.450	0.450	0.450	0.550	0.650	0.650	0.800	0.800	0.550	0.500	0.500	0.470	0.470	0.470	0.440
ND00029	0.650	0.650	0.650	0.650	0.750	0.750	0.900	0.900	0.850	0.630	0.630	0.700	0.600	0.600	0.600	0.600
ND00030	0.710	0.710	0.710	0.710	0.770	0.800	0.800	0.950	0.950	0.720	0.700	0.700	0.700	0.620	0.600	0.590
ND00032	0.690	0.740	0.740	0.740	0.790	0.770	0.850	0.910	0.910	0.730	0.650	0.650	0.610	0.610	0.610	0.580
ND00034	0.480	0.470	0.470	0.480	0.580	0.680	0.680	0.840	0.840	0.580	0.530	0.530	0.500	0.500	0.500	0.470
ND00035	0.690	0.690	0.690	0.740	0.740	0.850	0.850	0.950	0.950	0.780	0.680	0.660	0.660	0.640	0.640	0.620
ND00036	0.700	0.700	0.700	0.700	0.700	0.750	0.750	0.900	0.900	0.650	0.600	0.590	0.580	0.560	0.560	0.560
ND00037	0.670	0.740	0.740	0.740	0.740	0.760	0.820	0.950	0.950	0.730	0.690	0.690	0.690	0.690	0.690	0.690
ND00038	0.490	0.510	0.610	0.630	0.630	0.680	0.680	0.720	0.720	0.580	0.580	0.560	0.520	0.520	0.480	0.480
ND00039	0.680	0.680	0.680	0.740	0.760	0.800	0.800	0.950	0.990	0.660	0.660	0.660	0.660	0.620	0.580	0.580
ND00046	0.730	0.730	0.760	0.760	0.810	0.850	0.950	0.950	0.950	0.730	0.720	0.720	0.720	0.720	0.720	0.720
ND00057	0.680	0.680	0.680	0.680	0.680	0.780	0.880	0.950	0.950	0.650	0.650	0.620	0.580	0.580	0.580	0.550
ND00058	0.770	0.800	0.830	0.830	0.880	0.880	0.930	1.050	1.050	0.750	0.770	0.730	0.690	0.640	0.640	0.640
ND00065	0.650	0.680	0.680	0.680	0.750	0.750	0.750	0.940	0.940	0.740	0.650	0.650	0.630	0.630	0.630	0.630
ND00066	0.650	0.650	0.650	0.660	0.710	0.740	0.790	0.860	0.810	0.670	0.640	0.620	0.590	0.540	0.550	0.550
ND00072	0.410	0.460	0.480	0.480	0.450	0.520	0.560	0.760	0.760	0.570	0.490	0.490	0.470	0.460	0.460	0.460
ND00138	0.540	0.560	0.560	0.560	0.600	0.700	0.760	0.860	0.820	0.650	0.580	0.570	0.530	0.570	0.540	0.500
ND00217	0.450	0.450	0.450	0.450	0.550	0.650	0.650	0.800	0.800	0.550	0.500	0.500	0.470	0.470	0.470	0.440
ND00239	0.650	0.650	0.690	0.690	0.730	0.780	0.950	0.950	0.900	0.700	0.700	0.700	0.650	0.650	0.650	0.650

Residential Propane Prices

1995/96 Heating Season

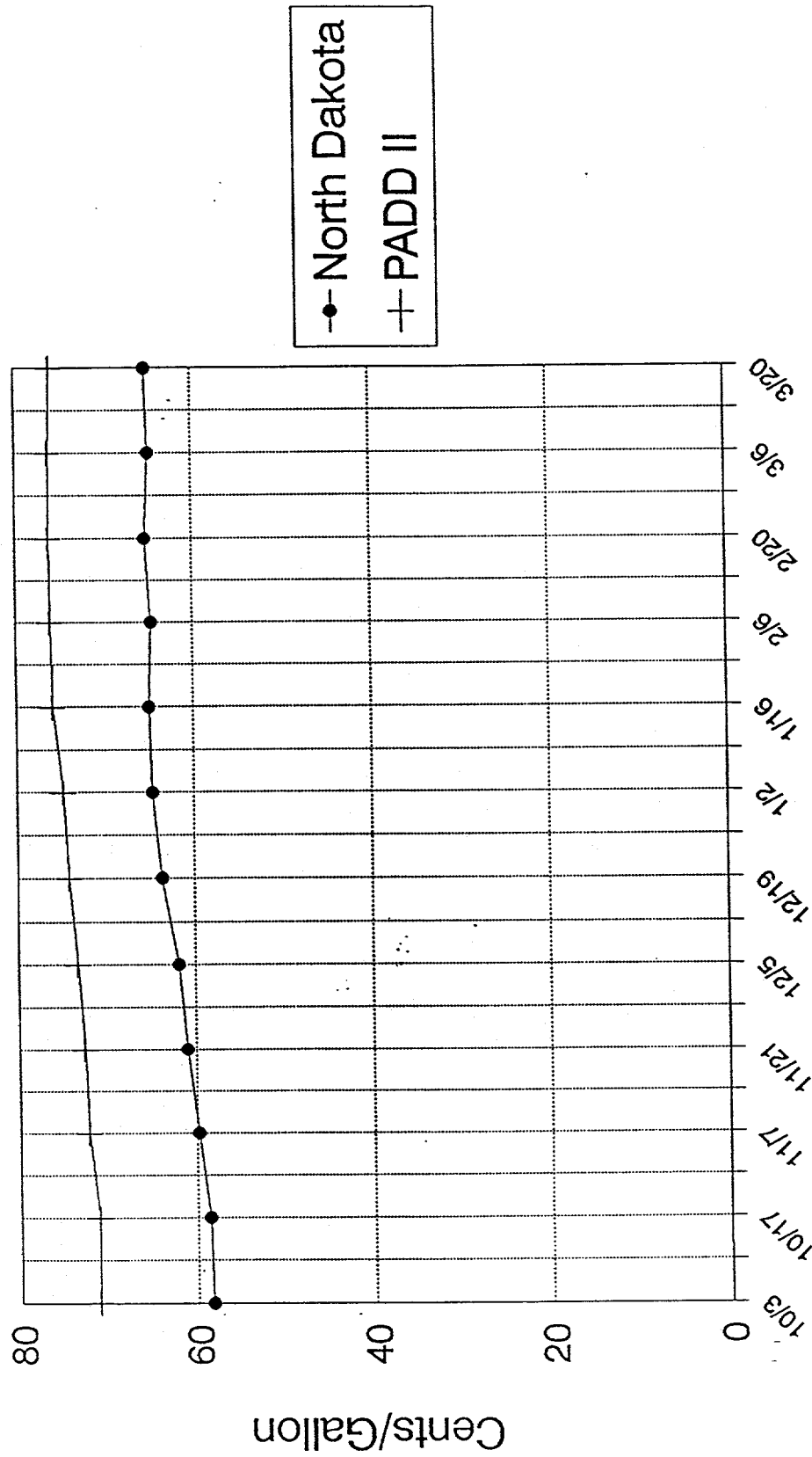


—□— PADD II

—+— North Dakota

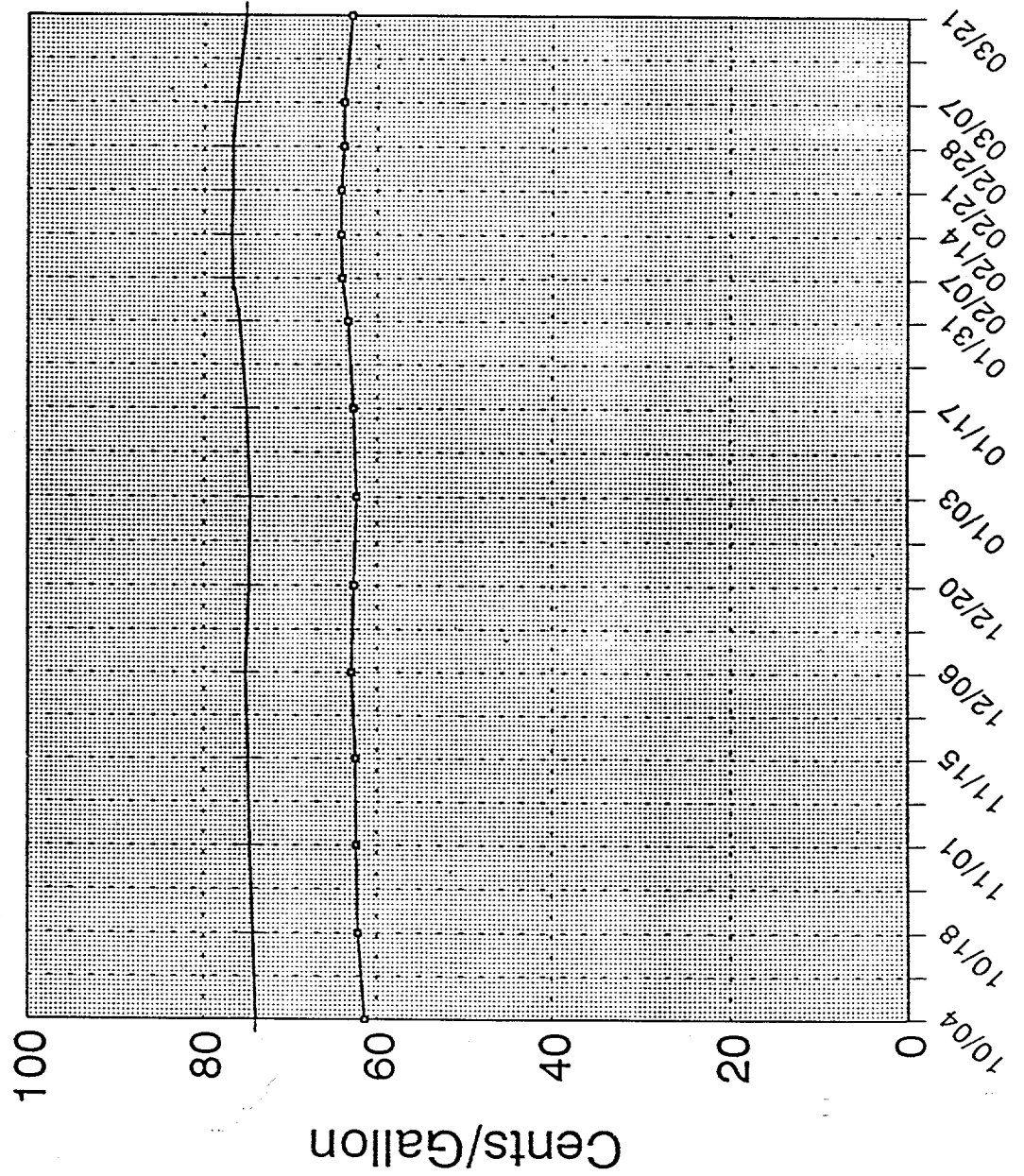
Residential Propane Prices

1994/95 Heating Season



Residential Propane Prices

1993/94 Heating Season



—○— North Dakota
—+— PADD II

Residential Propane Prices

1992/93 Heating Season

