

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/19/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	51.73	43.07	39.88	38.03	38.07	37.03	37.74	38.04	39.30	40.85	41.63	46.06	48.00	51.95	55.04	58.28	63.45	77.19	80.17	80.24	71.10	61.87	57.78	53.99
24138	3.83	2.86	2.50	2.45	2.46	2.49	2.57	2.69	2.67	2.89	3.15	3.50	3.60	3.85	4.09	4.37	3.87	4.16	4.18	3.89	2.93	2.44	3.12	3.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	-0.83	-0.98	-0.63	-0.51	-0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	51.78	43.11	39.92	38.07	38.11	37.06	37.77	38.04	39.34	40.85	41.63	46.06	48.00	51.95	55.04	58.33	63.45	77.26	80.25	80.24	71.17	61.87	57.84	54.04
24260	3.88	2.90	2.54	2.49	2.49	2.52	2.60	2.69	2.71	2.89	3.15	3.50	3.60	3.85	4.09	4.43	3.87	4.24	4.26	3.89	3.00	2.44	3.17	3.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	-0.83	-0.98	-0.63	-0.51	-0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	51.78	43.11	39.92	38.07	38.11	37.06	37.77	38.04	39.34	40.85	41.63	46.06	48.00	51.95	55.04	58.33	63.45	77.26	80.25	80.24	71.17	61.87	57.84	54.04
24261	3.88	2.90	2.54	2.49	2.49	2.52	2.60	2.69	2.71	2.89	3.15	3.50	3.60	3.85	4.09	4.43	3.87	4.24	4.26	3.89	3.00	2.44	3.17	3.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	-0.83	-0.98	-0.63	-0.51	-0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	50.10	41.95	38.95	37.11	37.18	36.06	36.72	36.80	38.46	39.75	38.92	42.51	44.22	47.76	50.99	54.21	61.19	75.73	79.79	80.69	72.12	62.64	57.73	53.38
24011	2.20	1.73	1.57	1.53	1.57	1.52	1.55	1.45	1.83	1.78	1.37	1.54	1.69	0.85	1.01	1.39	1.61	2.70	3.80	4.35	3.95	3.21	3.06	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.75	0.88	0.57	0.46	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	50.10	41.95	38.95	37.07	37.18	36.03	36.68	36.77	37.69	38.91	38.09	41.61	43.28	47.58	50.94	54.21	61.25	75.87	80.09	81.00	72.46	62.88	57.83	53.48
23798	2.20	1.73	1.57	1.49	1.57	1.48	1.51	1.42	1.06	0.95	0.53	0.63	0.74	0.66	0.96	1.38	1.67	2.85	4.10	4.66	4.30	3.45	3.17	2.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.74	0.87	0.56	0.45	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	50.10	41.95	38.95	37.11	37.18	36.06	36.72	36.80	38.46	39.75	38.92	42.51	44.22	47.76	50.99	54.21	61.19	75.73	79.79	80.69	72.12	62.64	57.73	53.38
24028	2.20	1.73	1.57	1.53	1.57	1.52	1.55	1.45	1.83	1.78	1.37	1.54	1.69	0.85	1.01	1.39	1.61	2.70	3.80	4.35	3.95	3.21	3.06	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.75	0.88	0.57	0.46	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	50.24	41.99	39.10	37.32	37.40	36.30	36.96	37.15	38.24	39.44	38.27	41.35	42.80	47.63	50.98	53.95	61.19	75.21	78.35	78.71	70.01	61.16	56.36	52.52
23527	2.35	1.77	1.72	1.74	1.78	1.76	1.79	1.80	1.61	1.48	1.25	1.29	1.35	1.42	1.57	1.76	1.61	2.19	2.36	2.37	1.84	1.72	1.70	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	1.66	1.96	1.26	1.02	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	48.95	40.90	38.09	36.39	36.47	35.37	36.01	36.16	37.25	38.53	38.17	41.69	43.30	47.10	50.16	53.13	59.52	73.10	76.07	76.50	68.10	59.31	54.88	50.95
24190	1.05	0.68	0.71	0.82	0.85	0.83	0.84	0.81	0.62	0.57	0.53	0.58	0.61	0.09	0.10	0.21	-0.06	0.07	0.08	0.15	-0.07	-0.12	0.22	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.61	0.72	0.46	0.38	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	47.61	39.98	37.16	35.29	35.37	34.27	34.92	35.03	36.59	37.96	37.95	41.68	43.41	47.43	50.13	52.75	59.16	72.81	75.76	76.27	68.30	58.95	54.50	50.24
355683	-0.29	-0.24	-0.22	-0.28	-0.25	-0.28	-0.25	-0.32	-0.04	0.00	-0.04	-0.04	0.00	-0.05	-0.30	-0.59	-0.42	-0.22	-0.23	-0.08	0.14	0.18	-0.16	-0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00
ALBANY_1_SOLAR	49.67	41.59	38.69	36.93	37.00	35.89	36.47	36.52	37.51	38.72	38.52	42.11	43.81	47.79	51.00	54.13	60.53	74.49	77.66	78.25	69.80	60.80	56.08	52.17
323833	1.77	1.37	1.31	1.35	1.39	1.35	1.30	1.16	0.88	0.76	0.76	0.79	0.87	0.62	0.80	1.07	0.95	1.46	1.67	1.91	1.63	1.37	1.42	1.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.39	0.47	0.30	0.24	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	49.67	41.54	38.69	36.93	37.00	35.86	36.47	36.52	37.51	38.72	38.52	42.11	43.81	47.79	51.00	54.07	60.48	74.41	77.66	78.25	69.74	60.74	56.08	52.17
323834	1.77	1.33	1.31	1.35	1.39	1.31	1.30	1.16	0.88	0.76	0.76	0.79	0.87	0.62	0.80	1.01	0.90	1.38	1.67	1.91	1.57	1.31	1.42	1.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.39	0.47	0.30	0.24	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	48.95	40.90	38.09	36.39	36.47	35.37	36.01	36.16	37.25	38.53	38.17	41.69	43.30	47.10	50.16	53.13	59.52	73.10	76.07	76.50	68.10	59.31	54.88	50.95
23571	1.05	0.68	0.71	0.82	0.85	0.83	0.84	0.81	0.62	0.57	0.53	0.58	0.61	0.09	0.10	0.21	-0.06	0.07	0.08	0.15	-0.07	-0.12	0.22	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.61	0.72	0.46	0.38	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	48.95 1.05 0.00	40.90 0.68 0.00	38.09 0.71 0.00	36.39 0.82 0.00	36.47 0.85 0.00	35.37 0.83 0.00	36.01 0.84 0.00	36.16 0.81 0.00	37.25 0.62 0.00	38.53 0.57 0.00	38.17 0.53 0.36	41.69 0.58 0.61	43.30 0.61 0.72	47.10 0.09 0.46	50.16 0.10 0.38	53.13 0.21 0.42	59.52 -0.06 0.00	73.10 0.07 0.00	76.07 0.08 0.00	76.50 0.15 0.00	68.10 -0.07 0.00	59.31 -0.12 0.00	54.88 0.22 0.00	50.95 0.30 0.00
ALBANY___3 23573	48.95 1.05 0.00	40.90 0.68 0.00	38.09 0.71 0.00	36.39 0.82 0.00	36.47 0.85 0.00	35.37 0.83 0.00	36.01 0.84 0.00	36.16 0.81 0.00	37.25 0.62 0.00	38.53 0.57 0.00	38.17 0.53 0.36	41.69 0.58 0.61	43.30 0.61 0.72	47.10 0.09 0.46	50.16 0.10 0.38	53.13 0.21 0.42	59.52 -0.06 0.00	73.10 0.07 0.00	76.07 0.08 0.00	76.50 0.15 0.00	68.10 -0.07 0.00	59.31 -0.12 0.00	54.88 0.22 0.00	50.95 0.30 0.00
ALBANY___4 23574	48.95 1.05 0.00	40.90 0.68 0.00	38.09 0.71 0.00	36.39 0.82 0.00	36.47 0.85 0.00	35.37 0.83 0.00	36.01 0.84 0.00	36.16 0.81 0.00	37.25 0.62 0.00	38.53 0.57 0.00	38.17 0.53 0.36	41.69 0.58 0.61	43.30 0.61 0.72	47.10 0.09 0.46	50.16 0.10 0.38	53.13 0.21 0.42	59.52 -0.06 0.00	73.10 0.07 0.00	76.07 0.08 0.00	76.50 0.15 0.00	68.10 -0.07 0.00	59.31 -0.12 0.00	54.88 0.22 0.00	50.95 0.30 0.00
ALBANY___LFGE 323615	49.38 1.49 0.00	41.26 1.04 0.00	38.39 1.01 0.00	36.68 1.10 0.00	36.76 1.14 0.00	35.65 1.11 0.00	36.30 1.13 0.00	36.45 1.10 0.00	37.51 0.88 0.00	38.80 0.83 0.00	38.40 0.80 0.39	41.92 0.88 0.67	43.57 0.95 0.79	47.54 0.57 0.51	50.68 0.65 0.41	53.72 0.85 0.46	60.24 0.66 0.00	73.97 0.95 0.00	77.05 1.06 0.00	77.49 1.15 0.00	68.99 0.82 0.00	60.09 0.65 0.00	55.43 0.76 0.00	51.56 0.91 0.00
ALCOA_PA_115KV_PL-6C 55860	47.99 0.10 0.00	40.30 0.08 0.00	37.42 0.04 0.00	35.54 -0.04 0.00	35.62 0.00 0.00	34.54 0.00 0.00	35.21 0.04 0.00	35.24 -0.11 0.00	36.77 0.15 0.00	38.23 0.27 0.00	38.22 0.23 0.00	41.97 0.25 0.00	43.71 0.30 0.00	47.76 0.28 0.00	50.49 0.05 0.00	53.01 -0.32 0.00	59.52 -0.06 0.00	73.24 0.22 0.00	76.29 0.30 0.00	76.88 0.53 0.00	68.98 0.82 0.00	67.40 0.83 -7.13	54.94 0.27 0.00	50.65 0.00 0.00
ALCOA_RYNLDS___DRP 24188	47.99 0.10 0.00	40.30 0.08 0.00	37.42 0.04 0.00	35.54 -0.04 0.00	35.62 0.00 0.00	34.54 0.00 0.00	35.21 0.04 0.00	35.24 -0.11 0.00	36.77 0.15 0.00	38.23 0.27 0.00	38.22 0.23 0.00	41.97 0.25 0.00	43.71 0.30 0.00	47.76 0.28 0.00	50.49 0.05 0.00	53.01 -0.32 0.00	59.52 -0.06 0.00	73.24 0.22 0.00	76.29 0.30 0.00	76.88 0.53 0.00	68.98 0.82 0.00	67.40 0.83 -7.13	54.94 0.27 0.00	50.65 0.00 0.00
ALCOA___DSASP 323711	47.99 0.10 0.00	40.30 0.08 0.00	37.42 0.04 0.00	35.54 -0.04 0.00	35.62 0.00 0.00	34.54 0.00 0.00	35.21 0.04 0.00	35.25 -0.11 0.00	36.77 0.15 0.00	38.23 0.27 0.00	38.22 0.23 0.00	41.97 0.25 0.00	43.72 0.31 0.00	47.76 0.29 0.00	50.49 0.05 0.00	53.01 -0.32 0.00	59.52 -0.06 0.00	73.25 0.22 0.00	76.30 0.31 0.00	76.88 0.54 0.00	68.92 0.75 0.00	67.40 0.83 -7.13	54.94 0.27 0.00	50.65 0.00 0.00
ALLEGHENY___COGEN 23514	49.86 1.96 0.00	42.55 2.33 0.00	39.74 2.36 0.00	37.28 1.71 0.00	37.26 1.64 0.00	36.13 1.59 0.00	36.47 1.30 0.00	36.73 1.38 0.00	37.10 0.47 0.00	37.89 -0.08 0.00	37.61 -0.38 0.00	41.30 -0.42 0.00	42.80 -0.61 0.00	47.43 -0.05 0.00	50.44 0.00 0.00	53.81 0.48 0.00	59.28 -0.30 0.00	73.25 0.22 0.00	77.43 1.44 0.00	78.86 2.52 0.00	71.10 2.93 0.00	62.17 2.74 0.00	57.29 2.62 0.00	54.75 4.10 0.00
ALTAMONT_115KV_TB 2 55880	49.19 1.29 0.00	41.14 0.93 0.00	38.24 0.86 0.00	36.54 0.96 0.00	36.58 0.96 0.00	35.51 0.97 0.00	36.12 0.95 0.00	36.27 0.92 0.00	37.40 0.77 0.00	38.68 0.72 0.00	38.44 0.68 0.23	42.11 0.79 0.40	43.72 0.78 0.47	47.83 0.66 0.30	50.95 0.76 0.25	53.96 0.91 0.27	60.29 0.71 0.00	73.97 0.95 0.00	77.05 1.06 0.00	77.41 1.07 0.00	68.98 0.82 0.00	60.09 0.65 0.00	55.54 0.87 0.00	51.61 0.96 0.00
ALTONA_WT_PWR 323606	47.75 -0.14 0.00	40.06 -0.16 0.00	37.16 -0.22 0.00	35.25 -0.32 0.00	35.33 -0.29 0.00	34.30 -0.24 0.00	34.96 -0.21 0.00	35.07 -0.28 0.00	36.66 0.04 0.00	38.12 0.15 0.00	38.11 0.11 0.00	41.84 0.13 0.00	43.58 0.17 0.00	47.66 0.19 0.00	49.98 -0.45 0.00	52.27 -1.07 0.00	58.62 -0.96 0.00	72.22 -0.80 0.00	75.30 -0.69 0.00	75.89 -0.46 0.00	68.10 -0.07 0.00	59.68 -0.06 -0.31	54.17 -0.49 0.00	50.19 -0.46 0.00
AMERICAN_REF_FUEL 24010	46.80 -1.10 0.00	40.82 0.60 0.00	38.17 0.79 0.00	35.25 -0.32 0.00	35.58 -0.04 0.00	34.03 -0.52 0.00	34.75 -0.42 0.00	35.53 0.18 0.00	35.90 -0.73 0.00	36.63 -1.33 0.00	36.66 -1.33 0.00	40.30 -1.42 0.00	41.63 -1.78 0.00	46.47 -1.00 0.00	49.28 -1.16 0.00	52.59 -0.75 0.00	59.82 0.24 0.00	72.44 -0.59 0.00	74.70 -1.29 0.00	74.66 -1.68 0.00	66.33 -1.84 0.00	58.36 -1.07 0.00	54.23 -0.44 0.00	51.00 0.36 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	48.71 0.81 0.00	42.11 1.89 0.00	39.32 1.94 0.00	36.79 1.21 0.00	36.72 1.11 0.00	35.58 1.04 0.00	35.87 0.70 0.00	36.62 1.27 0.00	37.21 0.58 0.00	38.45 0.49 0.00	38.56 0.57 0.00	42.34 0.63 0.00	43.84 0.43 0.00	48.90 1.42 0.00	51.90 1.46 0.00	55.31 1.97 0.00	62.91 3.33 0.00	76.23 3.21 0.00	78.49 2.50 0.00	78.41 2.06 0.00	69.66 1.50 0.00	61.21 1.78 0.00	56.63 1.97 0.00	52.77 2.13 0.00
ARTHUR KILL_GT_1 23520	52.11 4.21 0.00	43.40 3.18 0.00	40.18 2.80 0.00	38.28 2.70 0.00	38.32 2.71 0.00	37.20 2.66 0.00	37.91 2.74 0.00	38.14 2.79 0.00	39.41 2.78 0.00	40.92 2.96 0.00	41.75 3.27 -0.49	46.18 3.63 -0.83	48.17 3.78 -0.98	52.09 3.99 -0.63	55.29 4.34 -0.51	58.49 4.59 -0.57	63.58 3.99 -0.01	77.34 4.31 -0.01	80.25 4.26 0.00	80.01 3.66 0.00	70.82 2.66 0.00	61.99 2.56 -0.01	58.16 3.50 0.00	54.40 3.75 0.00
ARTHUR_KILL_2 23512	51.93 4.02 -0.01	43.24 3.02 -0.01	40.04 2.65 -0.01	38.11 2.53 -0.01	38.19 2.57 -0.01	37.07 2.52 -0.01	37.82 2.64 -0.01	38.04 2.69 -0.01	39.31 2.67 -0.01	40.85 2.88 -0.01	41.64 3.15 -0.49	46.06 3.50 -0.84	48.05 3.65 -0.99	51.96 3.84 -0.64	55.10 4.14 -0.52	58.29 4.37 -0.58	63.28 3.70 -0.01	76.97 3.94 -0.01	79.79 3.80 0.00	79.62 3.28 0.00	70.55 2.38 0.00	61.64 2.20 -0.01	57.62 2.95 -0.01	54.15 3.49 0.00
ARTHUR_KILL_3 23513	51.30 3.40 0.00	42.67 2.45 0.00	39.51 2.13 0.00	37.67 2.10 0.00	37.72 2.10 0.00	36.69 2.14 0.00	37.42 2.25 0.00	37.68 2.33 0.00	39.01 2.38 0.00	40.55 2.58 0.00	41.29 2.81 -0.49	45.64 3.09 -0.83	47.65 3.26 -0.98	51.43 3.32 -0.63	54.48 3.53 -0.51	57.64 3.73 -0.57	62.50 2.92 0.00	76.02 3.00 0.00	78.94 2.96 0.01	79.01 2.67 0.01	70.06 1.91 0.01	60.92 1.49 0.00	56.74 2.08 0.00	53.33 2.68 0.00

ARTHUR_KILL_COGEN 323718	52.12 4.22 -0.01	43.40 3.18 -0.01	40.19 2.80 -0.01	38.25 2.67 -0.01	38.30 2.67 -0.01	37.18 2.62 -0.01	37.92 2.75 -0.01	38.15 2.79 -0.01	39.46 2.82 -0.01	41.01 3.04 -0.01	41.79 3.30 -0.49	46.23 3.67 -0.84	48.22 3.82 -0.99	52.15 4.03 -0.64	55.30 4.34 -0.52	58.50 4.59 -0.58	63.58 3.99 -0.01	77.34 4.31 -0.01	80.17 4.18 0.00	80.01 3.66 0.00	70.90 2.73 0.00	61.93 2.50 -0.01	57.90 3.22 -0.01	54.35 3.70 -0.01
ASHOKAN____ 23654	50.96 3.07 0.00	42.47 2.25 0.00	39.32 1.94 0.00	37.42 1.85 0.00	37.57 1.96 0.00	36.34 1.80 0.00	36.93 1.76 0.00	36.87 1.52 0.00	37.91 1.28 0.00	39.10 1.14 0.00	40.16 2.16 0.00	44.14 2.42 0.00	46.06 2.65 0.00	50.32 2.85 0.00	53.77 3.33 0.00	57.06 3.73 0.00	61.79 2.21 0.00	76.23 3.21 0.00	79.86 3.87 0.00	80.39 4.04 0.00	71.44 3.27 0.00	62.04 2.61 0.00	57.56 2.90 0.00	53.74 3.09 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.50 3.59 -0.01	42.92 2.69 -0.01	39.74 2.36 -0.01	37.86 2.28 -0.01	37.94 2.31 -0.01	36.87 2.31 -0.01	37.64 2.46 -0.01	37.87 2.51 -0.01	39.13 2.49 -0.01	40.63 2.66 -0.01	41.37 2.89 -0.49	45.73 3.17 -0.84	47.61 3.21 -0.99	51.48 3.37 -0.64	54.64 3.68 -0.52	57.91 4.00 -0.58	63.04 3.45 -0.01	76.68 3.65 -0.01	79.65 3.65 -0.01	79.55 3.21 0.00	70.55 2.38 0.00	61.57 2.14 0.00	57.51 2.84 -0.01	53.64 2.99 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	51.50 3.59 -0.01	42.92 2.69 -0.01	39.74 2.36 -0.01	37.86 2.28 -0.01	37.94 2.31 -0.01	36.87 2.31 -0.01	37.64 2.46 -0.01	37.87 2.51 -0.01	39.13 2.49 -0.01	40.63 2.66 -0.01	41.37 2.89 -0.49	45.73 3.17 -0.84	47.61 3.21 -0.99	51.48 3.37 -0.64	54.64 3.68 -0.52	57.91 4.00 -0.58	63.04 3.45 -0.01	76.68 3.65 -0.01	79.65 3.65 -0.01	79.55 3.21 0.00	70.55 2.38 0.00	61.57 2.14 0.00	57.51 2.84 -0.01	53.64 2.99 -0.01
ASTORIA_GT2_1 24094	51.54 3.64 0.00	42.91 2.69 0.00	39.77 2.39 0.00	37.92 2.35 0.00	37.97 2.35 0.00	36.89 2.35 0.00	37.63 2.46 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.72 3.17 -0.83	47.56 3.17 -0.98	51.62 3.51 -0.63	54.63 3.68 -0.51	57.96 4.05 -0.57	63.10 3.52 -0.01	76.76 3.72 -0.01	79.72 3.72 -0.01	79.63 3.28 0.00	70.55 2.39 0.00	61.69 2.26 0.00	57.78 3.12 0.00	53.84 3.19 0.00
ASTORIA_GT2_2 24095	51.54 3.64 0.00	42.91 2.69 0.00	39.77 2.39 0.00	37.92 2.35 0.00	37.97 2.35 0.00	36.89 2.35 0.00	37.63 2.46 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.72 3.17 -0.83	47.56 3.17 -0.98	51.62 3.51 -0.63	54.63 3.68 -0.51	57.96 4.05 -0.57	63.10 3.52 -0.01	76.76 3.72 -0.01	79.72 3.72 -0.01	79.63 3.28 0.00	70.55 2.39 0.00	61.69 2.26 0.00	57.78 3.12 0.00	53.84 3.19 0.00
ASTORIA_GT2_3 24096	51.54 3.64 0.00	42.91 2.69 0.00	39.77 2.39 0.00	37.92 2.35 0.00	37.97 2.35 0.00	36.89 2.35 0.00	37.63 2.46 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.72 3.17 -0.83	47.56 3.17 -0.98	51.62 3.51 -0.63	54.63 3.68 -0.51	57.96 4.05 -0.57	63.10 3.52 -0.01	76.76 3.72 -0.01	79.72 3.72 -0.01	79.63 3.28 0.00	70.55 2.39 0.00	61.69 2.26 0.00	57.78 3.12 0.00	53.84 3.19 0.00
ASTORIA_GT2_4 24097	51.54 3.64 0.00	42.91 2.69 0.00	39.77 2.39 0.00	37.92 2.35 0.00	37.97 2.35 0.00	36.89 2.35 0.00	37.63 2.46 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.72 3.17 -0.83	47.56 3.17 -0.98	51.62 3.51 -0.63	54.63 3.68 -0.51	57.96 4.05 -0.57	63.10 3.52 -0.01	76.76 3.72 -0.01	79.72 3.72 -0.01	79.63 3.28 0.00	70.55 2.39 0.00	61.69 2.26 0.00	57.78 3.12 0.00	53.84 3.19 0.00
ASTORIA_GT3_1 24098	51.54 3.64 0.00	42.91 2.69 0.00	39.77 2.39 0.00	37.92 2.35 0.00	37.97 2.35 0.00	36.89 2.35 0.00	37.63 2.46 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.72 3.17 -0.83	47.56 3.17 -0.98	51.62 3.51 -0.63	54.63 3.68 -0.51	57.96 4.05 -0.57	63.10 3.52 -0.01	76.76 3.72 -0.01	79.72 3.72 -0.01	79.63 3.28 0.00	70.55 2.39 0.00	61.69 2.26 0.00	57.78 3.12 0.00	53.84 3.19 0.00
ASTORIA_GT3_2 24099	51.54 3.64 0.00	42.91 2.69 0.00	39.77 2.39 0.00	37.92 2.35 0.00	37.97 2.35 0.00	36.89 2.35 0.00	37.63 2.46 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.72 3.17 -0.83	47.56 3.17 -0.98	51.62 3.51 -0.63	54.63 3.68 -0.51	57.96 4.05 -0.57	63.10 3.52 -0.01	76.76 3.72 -0.01	79.72 3.72 -0.01	79.63 3.28 0.00	70.55 2.39 0.00	61.69 2.26 0.00	57.78 3.12 0.00	53.84 3.19 0.00
ASTORIA_GT3_3 24100	51.54 3.64 0.00	42.91 2.69 0.00	39.77 2.39 0.00	37.92 2.35 0.00	37.97 2.35 0.00	36.89 2.35 0.00	37.63 2.46 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.72 3.17 -0.83	47.56 3.17 -0.98	51.62 3.51 -0.63	54.63 3.68 -0.51	57.96 4.05 -0.57	63.10 3.52 -0.01	76.76 3.72 -0.01	79.72 3.72 -0.01	79.63 3.28 0.00	70.55 2.39 0.00	61.69 2.26 0.00	57.78 3.12 0.00	53.84 3.19 0.00
ASTORIA_GT3_4 24101	51.54 3.64 0.00	42.91 2.69 0.00	39.77 2.39 0.00	37.92 2.35 0.00	37.97 2.35 0.00	36.89 2.35 0.00	37.63 2.46 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.72 3.17 -0.83	47.56 3.17 -0.98	51.62 3.51 -0.63	54.63 3.68 -0.51	57.96 4.05 -0.57	63.10 3.52 -0.01	76.76 3.72 -0.01	79.72 3.72 -0.01	79.63 3.28 0.00	70.55 2.39 0.00	61.69 2.26 0.00	57.78 3.12 0.00	53.84 3.19 0.00
ASTORIA_GT4_1 24102	51.54 3.64 0.00	42.91 2.69 0.00	39.77 2.39 0.00	37.92 2.35 0.00	37.97 2.35 0.00	36.89 2.35 0.00	37.63 2.46 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.72 3.17 -0.83	47.56 3.17 -0.98	51.62 3.51 -0.63	54.63 3.68 -0.51	57.96 4.05 -0.57	63.10 3.52 -0.01	76.76 3.72 -0.01	79.72 3.72 -0.01	79.63 3.28 0.00	70.55 2.39 0.00	61.69 2.26 0.00	57.78 3.12 0.00	53.84 3.19 0.00
ASTORIA_GT4_2 24103	51.54 3.64 0.00	42.91 2.69 0.00	39.77 2.39 0.00	37.92 2.35 0.00	37.97 2.35 0.00	36.89 2.35 0.00	37.63 2.46 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.72 3.17 -0.83	47.56 3.17 -0.98	51.62 3.51 -0.63	54.63 3.68 -0.51	57.96 4.05 -0.57	63.10 3.52 -0.01	76.76 3.72 -0.01	79.72 3.72 -0.01	79.63 3.28 0.00	70.55 2.39 0.00	61.69 2.26 0.00	57.78 3.12 0.00	53.84 3.19 0.00
ASTORIA_GT4_3 24104	51.54 3.64 0.00	42.91 2.69 0.00	39.77 2.39 0.00	37.92 2.35 0.00	37.97 2.35 0.00	36.89 2.35 0.00	37.63 2.46 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.72 3.17 -0.83	47.56 3.17 -0.98	51.62 3.51 -0.63	54.63 3.68 -0.51	57.96 4.05 -0.57	63.10 3.52 -0.01	76.76 3.72 -0.01	79.72 3.72 -0.01	79.63 3.28 0.00	70.55 2.39 0.00	61.69 2.26 0.00	57.78 3.12 0.00	53.84 3.19 0.00

ASTORIA_GT4_4 24105	51.54 3.64 0.00	42.91 2.69 0.00	39.77 2.39 0.00	37.92 2.35 0.00	37.97 2.35 0.00	36.89 2.35 0.00	37.63 2.46 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.72 3.17 -0.83	47.56 3.17 -0.98	51.62 3.51 -0.63	54.63 3.68 -0.51	57.96 4.05 -0.57	63.10 3.52 -0.01	76.76 3.72 -0.01	79.72 3.72 -0.01	79.63 3.28 0.00	70.55 2.39 0.00	61.69 2.26 0.00	57.78 3.12 0.00	53.84 3.19 0.00
ASTORIA_GT_1 23523	51.63 3.74 0.00	42.99 2.78 0.00	39.85 2.47 0.00	37.99 2.42 0.00	38.04 2.42 0.00	36.96 2.42 0.00	37.70 2.53 0.00	37.93 2.58 0.00	39.19 2.56 0.00	40.70 2.73 0.00	41.44 2.96 -0.49	45.81 3.25 -0.83	47.69 3.30 -0.98	51.71 3.61 -0.63	54.78 3.83 -0.51	58.06 4.16 -0.57	63.28 3.69 -0.01	76.98 3.94 -0.01	79.95 3.95 -0.01	79.85 3.51 0.00	70.76 2.59 0.00	61.87 2.44 0.00	57.89 3.23 0.00	53.99 3.34 0.00
ASTORIA_GT_10 24110	51.63 3.74 0.00	42.99 2.78 0.00	39.85 2.47 0.00	37.99 2.42 0.00	38.04 2.42 0.00	36.96 2.42 0.00	37.70 2.53 0.00	37.93 2.58 0.00	39.19 2.56 0.00	40.73 2.77 0.00	41.48 3.00 -0.49	45.89 3.34 -0.83	47.78 3.39 -0.98	51.71 3.61 -0.63	54.78 3.83 -0.51	58.01 4.11 -0.57	62.86 3.28 0.00	76.46 3.43 0.00	79.41 3.42 0.00	79.32 2.98 0.00	70.28 2.11 0.00	61.45 2.02 0.00	57.62 2.95 0.00	53.84 3.19 0.00
ASTORIA_GT_11 24225	51.63 3.74 0.00	42.99 2.78 0.00	39.85 2.47 0.00	37.99 2.42 0.00	38.04 2.42 0.00	36.96 2.42 0.00	37.70 2.53 0.00	37.93 2.58 0.00	39.19 2.56 0.00	40.73 2.77 0.00	41.48 3.00 -0.49	45.89 3.34 -0.83	47.78 3.39 -0.98	51.71 3.61 -0.63	54.78 3.83 -0.51	58.01 4.11 -0.57	62.86 3.28 0.00	76.46 3.43 0.00	79.41 3.42 0.00	79.32 2.98 0.00	70.28 2.11 0.00	61.45 2.02 0.00	57.62 2.95 0.00	53.84 3.19 0.00
ASTORIA_GT_12 24226	51.63 3.74 0.00	42.99 2.78 0.00	39.85 2.47 0.00	37.99 2.42 0.00	38.04 2.42 0.00	36.96 2.42 0.00	37.70 2.53 0.00	37.93 2.58 0.00	39.19 2.56 0.00	40.73 2.77 0.00	41.48 3.00 -0.49	45.89 3.34 -0.83	47.78 3.39 -0.98	51.71 3.61 -0.63	54.78 3.83 -0.51	58.01 4.11 -0.57	62.86 3.28 0.00	76.46 3.43 0.00	79.41 3.42 0.00	79.32 2.98 0.00	70.28 2.11 0.00	61.45 2.02 0.00	57.62 2.95 0.00	53.84 3.19 0.00
ASTORIA_GT_13 24227	51.63 3.74 0.00	42.99 2.78 0.00	39.85 2.47 0.00	37.99 2.42 0.00	38.04 2.42 0.00	36.96 2.42 0.00	37.70 2.53 0.00	37.93 2.58 0.00	39.19 2.56 0.00	40.73 2.77 0.00	41.48 3.00 -0.49	45.89 3.34 -0.83	47.78 3.39 -0.98	51.71 3.61 -0.63	54.78 3.83 -0.51	58.01 4.11 -0.57	62.86 3.28 0.00	76.46 3.43 0.00	79.41 3.42 0.00	79.32 2.98 0.00	70.28 2.11 0.00	61.45 2.02 0.00	57.62 2.95 0.00	53.84 3.19 0.00
ASTORIA_GT_5 24106	51.63 3.74 0.00	42.99 2.78 0.00	39.85 2.47 0.00	37.99 2.42 0.00	38.04 2.42 0.00	36.96 2.42 0.00	37.70 2.53 0.00	37.93 2.58 0.00	39.19 2.56 0.00	40.70 2.73 0.00	41.44 2.96 -0.49	45.81 3.25 -0.83	47.69 3.30 -0.98	51.71 3.61 -0.63	54.78 3.83 -0.51	58.06 4.16 -0.57	63.28 3.69 -0.01	76.98 3.94 -0.01	79.95 3.95 -0.01	79.85 3.51 0.00	70.76 2.59 0.00	61.87 2.44 0.00	57.89 3.23 0.00	53.99 3.34 0.00
ASTORIA_GT_7 24107	51.63 3.74 0.00	42.99 2.78 0.00	39.85 2.47 0.00	37.99 2.42 0.00	38.04 2.42 0.00	36.96 2.42 0.00	37.70 2.53 0.00	37.93 2.58 0.00	39.19 2.56 0.00	40.70 2.73 0.00	41.44 2.96 -0.49	45.81 3.25 -0.83	47.69 3.30 -0.98	51.71 3.61 -0.63	54.78 3.83 -0.51	58.06 4.16 -0.57	63.28 3.69 -0.01	76.98 3.94 -0.01	79.95 3.95 -0.01	79.85 3.51 0.00	70.76 2.59 0.00	61.87 2.44 0.00	57.89 3.23 0.00	53.99 3.34 0.00
ASTORIA_GT_8 24108	51.63 3.74 0.00	42.99 2.78 0.00	39.85 2.47 0.00	37.99 2.42 0.00	38.04 2.42 0.00	36.96 2.42 0.00	37.70 2.53 0.00	37.93 2.58 0.00	39.19 2.56 0.00	40.70 2.73 0.00	41.44 2.96 -0.49	45.81 3.25 -0.83	47.69 3.30 -0.98	51.71 3.61 -0.63	54.78 3.83 -0.51	58.06 4.16 -0.57	63.28 3.69 -0.01	76.98 3.94 -0.01	79.95 3.95 -0.01	79.85 3.51 0.00	70.76 2.59 0.00	61.87 2.44 0.00	57.89 3.23 0.00	53.99 3.34 0.00
ASTORIA___2 24149	51.50 3.59 -0.01	42.92 2.69 -0.01	39.78 2.39 -0.01	37.89 2.31 -0.01	37.98 2.35 -0.01	36.87 2.31 -0.01	37.64 2.46 -0.01	37.87 2.51 -0.01	39.16 2.53 -0.01	40.67 2.70 -0.01	41.41 2.93 -0.49	45.73 3.17 -0.84	47.66 3.26 -0.99	51.53 3.42 -0.64	54.69 3.73 -0.52	57.96 4.05 -0.58	63.10 3.51 -0.01	76.68 3.65 -0.01	79.65 3.65 -0.01	79.62 3.28 0.00	70.55 2.38 0.00	61.63 2.20 0.00	57.57 2.90 -0.01	53.64 2.99 -0.01
ASTORIA___3 23516	51.64 3.74 -0.01	43.00 2.77 -0.01	39.85 2.47 -0.01	37.97 2.38 -0.01	38.01 2.39 -0.01	36.93 2.38 -0.01	37.68 2.50 -0.01	37.94 2.58 -0.01	39.27 2.64 -0.01	40.78 2.81 -0.01	41.53 3.04 -0.49	45.94 3.38 -0.84	47.88 3.47 -0.99	51.72 3.61 -0.64	54.79 3.83 -0.52	58.02 4.11 -0.58	62.85 3.27 0.00	76.38 3.36 0.00	79.33 3.34 0.00	79.24 2.90 0.00	70.28 2.12 0.00	61.33 1.90 0.00	57.41 2.73 -0.01	53.85 3.19 -0.01
ASTORIA___4 23517	51.63 3.74 0.00	42.99 2.78 0.00	39.85 2.47 0.00	37.99 2.42 0.00	38.04 2.42 0.00	36.96 2.42 0.00	37.67 2.50 0.00	37.93 2.58 0.00	39.19 2.56 0.00	40.73 2.77 0.00	41.48 3.00 -0.49	45.89 3.34 -0.83	47.78 3.39 -0.98	51.71 3.61 -0.63	54.78 3.83 -0.51	58.01 4.11 -0.57	62.86 3.28 0.00	76.46 3.43 0.00	79.41 3.42 0.00	79.32 2.98 0.00	70.28 2.11 0.00	61.45 2.02 0.00	57.62 2.95 0.00	53.84 3.19 0.00
ASTORIA___5 23518	51.64 3.74 -0.01	43.00 2.77 -0.01	39.85 2.47 -0.01	37.97 2.38 -0.01	38.01 2.39 -0.01	36.93 2.38 -0.01	37.68 2.50 -0.01	37.94 2.58 -0.01	39.27 2.64 -0.01	40.78 2.81 -0.01	41.53 3.04 -0.49	45.94 3.38 -0.84	47.88 3.47 -0.99	51.72 3.61 -0.64	54.79 3.83 -0.52	58.02 4.11 -0.58	62.85 3.27 0.00	76.38 3.36 0.00	79.33 3.34 0.00	79.24 2.90 0.00	70.28 2.12 0.00	61.33 1.90 0.00	57.41 2.73 -0.01	53.85 3.19 -0.01
AST_ENERGY_2_CC3 323677	47.31 3.49 4.08	39.42 2.54 3.33	39.42 2.20 0.17	37.75 2.17 0.00	37.79 2.17 0.00	36.72 2.18 0.00	37.45 2.28 0.00	37.72 2.37 0.00	39.04 2.42 0.00	39.42 2.62 1.16	38.96 2.85 1.88	38.96 3.13 5.89	38.96 3.30 7.75	38.96 3.37 11.88	38.96 3.58 15.06	39.65 3.84 17.53	44.69 3.22 18.11	58.35 3.36 18.04	61.22 3.34 18.11	61.29 2.97 18.03	52.30 2.25 18.11	43.10 1.78 18.11	39.09 2.40 17.98	38.96 2.89 14.57
AST_ENERGY_2_CC4 323678	47.31 3.49 4.08	39.42 2.54 3.33	39.42 2.20 0.17	37.75 2.17 0.00	37.79 2.17 0.00	36.72 2.18 0.00	37.45 2.28 0.00	37.72 2.37 0.00	39.04 2.42 0.00	39.42 2.62 1.16	38.96 2.85 1.88	38.96 3.13 5.89	38.96 3.30 7.75	38.96 3.37 11.88	38.96 3.58 15.06	39.65 3.84 17.53	44.69 3.22 18.11	58.35 3.36 18.04	61.22 3.34 18.11	61.29 2.97 18.03	52.30 2.25 18.11	43.10 1.78 18.11	39.09 2.40 17.98	38.96 2.89 14.57

ATHENS_STG_1 23668	49.33 1.44 0.00	41.22 1.01 0.00	38.32 0.93 0.00	36.57 0.99 0.00	36.65 1.03 0.00	35.58 1.04 0.00	36.22 1.05 0.00	36.41 1.06 0.00	37.51 0.88 0.00	38.87 0.91 0.00	39.14 0.95 -0.20	43.10 1.04 -0.34	44.90 1.09 -0.40	48.77 1.04 -0.26	51.81 1.16 -0.21	54.84 1.28 -0.23	60.53 0.95 0.00	74.12 1.10 0.00	77.05 1.06 0.00	77.26 0.92 0.00	68.85 0.68 0.00	59.90 0.47 0.00	55.43 0.76 0.00	51.71 1.07 0.00
ATHENS_STG_2 23670	49.33 1.44 0.00	41.22 1.01 0.00	38.32 0.93 0.00	36.57 0.99 0.00	36.65 1.03 0.00	35.58 1.04 0.00	36.22 1.05 0.00	36.41 1.06 0.00	37.51 0.88 0.00	38.87 0.91 0.00	39.14 0.95 -0.20	43.10 1.04 -0.34	44.90 1.09 -0.40	48.77 1.04 -0.26	51.81 1.16 -0.21	54.84 1.28 -0.23	60.53 0.95 0.00	74.12 1.10 0.00	77.05 1.06 0.00	77.26 0.92 0.00	68.85 0.68 0.00	59.90 0.47 0.00	55.43 0.76 0.00	51.71 1.07 0.00
ATHENS_STG_3 23677	49.33 1.44 0.00	41.22 1.01 0.00	38.32 0.93 0.00	36.57 0.99 0.00	36.65 1.03 0.00	35.58 1.04 0.00	36.22 1.05 0.00	36.41 1.06 0.00	37.51 0.88 0.00	38.87 0.91 0.00	39.14 0.95 -0.20	43.10 1.04 -0.34	44.90 1.09 -0.40	48.77 1.04 -0.26	51.81 1.16 -0.21	54.84 1.28 -0.23	60.53 0.95 0.00	74.12 1.10 0.00	77.05 1.06 0.00	77.26 0.92 0.00	68.85 0.68 0.00	59.90 0.47 0.00	55.43 0.76 0.00	51.71 1.07 0.00
AUBURN___LFGE 323710	48.04 0.14 0.00	40.58 0.36 0.00	37.72 0.34 0.00	35.75 0.18 0.00	35.76 0.14 0.00	34.68 0.14 0.00	35.24 0.07 0.00	35.53 0.18 0.00	36.52 -0.11 0.00	37.85 -0.11 0.00	37.92 -0.08 0.00	41.68 -0.04 0.00	43.37 -0.04 0.00	47.76 0.28 0.00	50.84 0.40 0.00	54.08 0.75 0.00	60.77 1.19 0.00	74.41 1.39 0.00	77.43 1.44 0.00	77.87 1.53 0.00	69.60 1.43 0.00	60.62 1.19 0.00	55.59 0.93 0.00	51.71 1.06 0.00
BABYLON_RES_REC 323704	51.68 3.78 0.00	43.03 2.81 0.00	39.66 2.28 0.00	37.53 1.96 0.00	37.47 1.85 0.00	36.65 2.11 0.00	37.53 2.36 0.00	37.62 2.26 0.00	39.30 2.67 0.00	41.30 3.34 0.00	42.06 3.57 -0.49	46.39 3.84 -0.84	47.95 3.56 -0.98	50.15 2.09 -0.59	53.56 2.72 -0.40	56.62 2.98 -0.30	61.97 2.39 0.00	74.77 2.12 0.38	77.60 1.90 0.29	77.25 1.45 0.54	58.67 0.54 10.04	53.77 0.47 6.14	49.76 0.93 5.83	49.20 1.52 2.97
BALL_HILL_WT_PWR 323825	48.04 0.14 0.00	41.54 1.33 0.00	38.76 1.38 0.00	36.29 0.71 0.00	36.26 0.64 0.00	35.09 0.55 0.00	35.42 0.25 0.00	36.13 0.78 0.00	36.70 0.07 0.00	37.85 -0.11 0.00	37.92 -0.08 0.00	41.68 -0.04 0.00	43.15 -0.26 0.00	48.14 0.66 0.00	51.09 0.65 0.00	54.45 1.12 0.00	61.90 2.32 0.00	75.00 1.97 0.00	77.20 1.21 0.00	77.18 0.84 0.00	68.65 0.48 0.00	60.32 0.89 0.00	55.92 1.26 0.00	52.22 1.57 0.00
BARON_WINDS___WT_PWR 323822	48.33 0.43 0.00	41.34 1.12 0.00	38.54 1.16 0.00	36.25 0.67 0.00	36.26 0.64 0.00	35.09 0.55 0.00	35.49 0.32 0.00	35.88 0.53 0.00	36.45 -0.18 0.00	37.62 -0.34 0.00	37.65 -0.34 0.00	41.38 -0.34 0.00	42.89 -0.52 0.00	47.52 0.05 0.00	50.49 0.05 0.00	53.76 0.42 0.00	60.71 1.13 0.00	74.05 1.02 0.00	76.83 0.84 0.00	77.33 0.99 0.00	69.12 0.95 0.00	60.50 1.07 0.00	55.92 1.26 0.00	52.22 1.57 0.00
BARRETT_IC_1 23704	51.25 3.35 0.00	42.75 2.54 0.00	39.47 2.09 0.00	37.39 1.81 0.00	37.36 1.74 0.00	36.48 1.93 0.00	37.32 2.15 0.00	37.44 2.09 0.00	39.04 2.42 0.00	40.93 2.96 0.00	41.56 3.08 -0.49	45.82 3.26 -0.84	47.61 3.21 -0.98	50.38 2.28 -0.63	53.86 2.92 -0.50	56.88 2.98 -0.56	62.13 2.56 0.01	75.42 2.41 0.01	78.11 2.12 0.01	78.09 1.76 0.01	57.39 0.95 11.73	53.31 0.59 6.72	53.31 1.04 2.39	52.20 1.72 0.17
BARRETT_IC_10 23701	51.25 3.35 0.00	42.75 2.54 0.00	39.47 2.09 0.00	37.39 1.81 0.00	37.36 1.74 0.00	36.48 1.93 0.00	37.32 2.15 0.00	37.44 2.09 0.00	39.04 2.42 0.00	40.93 2.96 0.00	41.56 3.08 -0.49	45.82 3.26 -0.84	47.61 3.21 -0.98	50.38 2.28 -0.63	53.75 2.92 -0.39	56.88 2.98 -0.56	62.13 2.56 0.01	75.42 2.41 0.01	78.11 2.12 0.01	78.09 1.76 0.01	57.39 0.95 11.73	53.31 0.59 6.72	53.31 1.04 2.39	52.20 1.72 0.17
BARRETT_IC_11 23702	51.25 3.35 0.00	42.75 2.54 0.00	39.47 2.09 0.00	37.39 1.81 0.00	37.36 1.74 0.00	36.48 1.93 0.00	37.32 2.15 0.00	37.44 2.09 0.00	39.04 2.42 0.00	40.93 2.96 0.00	41.56 3.08 -0.49	45.82 3.26 -0.84	47.61 3.21 -0.98	50.38 2.28 -0.63	53.75 2.92 -0.39	56.88 2.98 -0.56	62.13 2.56 0.01	75.42 2.41 0.01	78.11 2.12 0.01	78.09 1.76 0.01	57.39 0.95 11.73	53.31 0.59 6.72	53.31 1.04 2.39	52.20 1.72 0.17
BARRETT_IC_12 23703	51.25 3.35 0.00	42.75 2.54 0.00	39.47 2.09 0.00	37.39 1.81 0.00	37.36 1.74 0.00	36.48 1.93 0.00	37.32 2.15 0.00	37.44 2.09 0.00	39.04 2.42 0.00	40.93 2.96 0.00	41.56 3.08 -0.49	45.82 3.26 -0.84	47.61 3.21 -0.98	50.38 2.28 -0.63	53.75 2.92 -0.39	56.88 2.98 -0.56	62.13 2.56 0.01	75.42 2.41 0.01	78.11 2.12 0.01	78.09 1.76 0.01	57.39 0.95 11.73	53.31 0.59 6.72	53.31 1.04 2.39	52.20 1.72 0.17
BARRETT_IC_2 23705	51.25 3.35 0.00	42.75 2.54 0.00	39.47 2.09 0.00	37.39 1.81 0.00	37.36 1.74 0.00	36.48 1.93 0.00	37.32 2.15 0.00	37.44 2.09 0.00	39.04 2.42 0.00	40.93 2.96 0.00	41.56 3.08 -0.49	45.82 3.26 -0.84	47.61 3.21 -0.98	50.38 2.28 -0.63	53.86 2.92 -0.50	56.88 2.98 -0.56	62.13 2.56 0.01	75.42 2.41 0.01	78.11 2.12 0.01	78.09 1.76 0.01	57.39 0.95 11.73	53.31 0.59 6.72	53.31 1.04 2.39	52.20 1.72 0.17
BARRETT_IC_3 23706	51.25 3.35 0.00	42.75 2.54 0.00	39.47 2.09 0.00	37.39 1.81 0.00	37.36 1.74 0.00	36.48 1.93 0.00	37.32 2.15 0.00	37.44 2.09 0.00	39.04 2.42 0.00	40.93 2.96 0.00	41.56 3.08 -0.49	45.82 3.26 -0.84	47.61 3.21 -0.98	50.38 2.28 -0.63	53.86 2.92 -0.50	56.88 2.98 -0.56	62.13 2.56 0.01	75.42 2.41 0.01	78.11 2.12 0.01	78.09 1.76 0.01	57.39 0.95 11.73	53.31 0.59 6.72	53.31 1.04 2.39	52.20 1.72 0.17
BARRETT_IC_4 23707	51.25 3.35 0.00	42.75 2.54 0.00	39.47 2.09 0.00	37.39 1.81 0.00	37.36 1.74 0.00	36.48 1.93 0.00	37.32 2.15 0.00	37.44 2.09 0.00	39.04 2.42 0.00	40.93 2.96 0.00	41.56 3.08 -0.49	45.82 3.26 -0.84	47.61 3.21 -0.98	50.38 2.28 -0.63	53.86 2.92 -0.50	56.88 2.98 -0.56	62.13 2.56 0.01	75.42 2.41 0.01	78.11 2.12 0.01	78.09 1.76 0.01	57.39 0.95 11.73	53.31 0.59 6.72	53.31 1.04 2.39	52.20 1.72 0.17
BARRETT_IC_5 23708	51.25 3.35 0.00	42.75 2.54 0.00	39.47 2.09 0.00	37.39 1.81 0.00	37.36 1.74 0.00	36.48 1.93 0.00	37.32 2.15 0.00	37.44 2.09 0.00	39.04 2.42 0.00	40.93 2.96 0.00	41.56 3.08 -0.49	45.82 3.26 -0.84	47.61 3.21 -0.98	50.38 2.28 -0.63	53.86 2.92 -0.50	56.88 2.98 -0.56	62.13 2.56 0.01	75.42 2.41 0.01	78.11 2.12 0.01	78.09 1.76 0.01	57.39 0.95 11.73	53.31 0.59 6.72	53.31 1.04 2.39	52.20 1.72 0.17

BARRETT_IC_6 23709	51.25 3.35 0.00	42.75 2.54 0.00	39.47 2.09 0.00	37.39 1.81 0.00	37.36 1.74 0.00	36.48 1.93 0.00	37.32 2.15 0.00	37.44 2.09 0.00	39.04 2.42 0.00	40.93 2.96 0.00	41.56 3.08 -0.49	45.82 3.26 -0.84	47.61 3.21 -0.98	50.38 2.28 -0.63	53.86 2.92 -0.50	56.88 2.98 -0.56	62.13 2.56 0.01	75.42 2.41 0.01	78.11 2.12 0.01	78.09 1.76 0.01	57.39 0.95 11.73	53.31 0.59 6.72	53.31 1.04 2.39	52.20 1.72 0.17
BARRETT_IC_7 23710	51.25 3.35 0.00	42.75 2.53 0.00	39.40 2.02 0.00	37.57 1.99 0.00	37.50 1.89 0.00	36.65 2.11 0.00	37.32 2.15 0.00	37.44 2.09 0.00	38.94 2.31 0.00	40.89 2.92 0.00	41.56 3.08 -0.49	45.81 3.25 -0.83	47.30 2.91 -0.98	50.43 2.33 -0.63	53.86 2.93 -0.50	56.89 2.99 -0.57	62.08 2.50 0.00	75.44 2.41 0.00	78.19 2.20 0.00	78.10 1.76 0.00	57.32 0.89 11.73	53.37 0.65 6.72	53.59 1.31 2.39	52.15 1.67 0.17
BARRETT_IC_8 23711	51.25 3.35 0.00	42.75 2.54 0.00	39.47 2.09 0.00	37.39 1.81 0.00	37.36 1.74 0.00	36.48 1.93 0.00	37.32 2.15 0.00	37.44 2.09 0.00	39.04 2.42 0.00	40.93 2.96 0.00	41.56 3.08 -0.49	45.82 3.26 -0.84	47.61 3.21 -0.98	50.38 2.28 -0.63	53.86 2.92 -0.50	56.88 2.98 -0.56	62.13 2.56 0.01	75.42 2.41 0.01	78.11 2.12 0.01	78.09 1.76 0.01	57.39 0.95 11.73	53.31 0.59 6.72	53.31 1.04 2.39	52.20 1.72 0.17
BARRETT_IC_9 23700	51.25 3.35 0.00	42.75 2.54 0.00	39.47 2.09 0.00	37.39 1.81 0.00	37.36 1.74 0.00	36.48 1.93 0.00	37.32 2.15 0.00	37.44 2.09 0.00	39.04 2.42 0.00	40.93 2.96 0.00	41.56 3.08 -0.49	45.82 3.26 -0.84	47.61 3.21 -0.98	50.38 2.28 -0.63	53.75 2.92 -0.39	56.88 2.98 -0.56	62.13 2.56 0.01	75.42 2.41 0.01	78.11 2.12 0.01	78.09 1.76 0.01	57.39 0.95 11.73	53.31 0.59 6.72	53.31 1.04 2.39	52.20 1.72 0.17
BARRETT___1 23545	51.25 3.35 0.00	42.75 2.54 0.00	39.47 2.09 0.00	37.39 1.81 0.00	37.36 1.74 0.00	36.48 1.93 0.00	37.32 2.15 0.00	37.44 2.09 0.00	39.04 2.42 0.00	40.93 2.96 0.00	41.56 3.08 -0.49	45.82 3.26 -0.84	47.61 3.21 -0.98	50.38 2.28 -0.63	53.86 2.92 -0.50	56.88 2.98 -0.56	62.13 2.56 0.01	75.42 2.41 0.01	78.11 2.12 0.01	78.09 1.76 0.01	57.39 0.95 11.73	53.31 0.59 6.72	53.31 1.04 2.39	52.20 1.72 0.17
BARRETT___2 23546	51.25 3.35 0.00	42.75 2.54 0.00	39.47 2.09 0.00	37.39 1.81 0.00	37.36 1.74 0.00	36.48 1.93 0.00	37.32 2.15 0.00	37.44 2.09 0.00	39.04 2.42 0.00	40.93 2.96 0.00	41.56 3.08 -0.49	45.82 3.26 -0.84	47.61 3.21 -0.98	50.38 2.28 -0.63	53.75 2.92 -0.39	56.88 2.98 -0.56	62.13 2.56 0.01	75.42 2.41 0.01	78.11 2.12 0.01	78.09 1.76 0.01	57.39 0.95 11.73	53.31 0.59 6.72	53.31 1.04 2.39	52.20 1.72 0.17
BATAVIA___115KV_TB1 55881	48.28 0.38 0.00	41.75 1.53 0.00	39.03 1.64 0.00	36.18 0.60 0.00	36.44 0.82 0.00	35.30 0.76 0.00	35.66 0.49 0.00	36.34 0.99 0.00	36.81 0.18 0.00	37.77 -0.19 0.00	37.84 -0.15 0.00	41.47 -0.25 0.00	43.15 -0.26 0.00	48.14 0.66 0.00	51.19 0.76 0.00	54.72 1.39 0.00	62.26 2.68 0.00	75.65 2.63 0.00	78.35 2.36 0.00	78.48 2.14 0.00	70.01 1.84 0.00	61.33 1.90 0.00	55.76 1.09 0.00	52.83 2.18 0.00
BAYONEEC___CTG1 323682	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.86 2.25 0.00	36.79 2.24 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.12 2.49 0.00	40.66 2.70 0.00	41.40 2.93 -0.49	45.76 3.21 -0.83	47.78 3.39 -0.98	51.57 3.46 -0.63	54.63 3.68 -0.51	57.80 3.89 -0.57	62.80 3.22 0.00	76.46 3.43 0.00	79.33 3.34 0.00	79.40 3.06 0.00	70.41 2.25 0.00	61.21 1.78 0.00	57.07 2.40 0.00	53.53 2.89 0.00
BAYONEEC___CTG10 323750	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.86 2.25 0.00	36.79 2.24 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.12 2.49 0.00	40.66 2.70 0.00	41.40 2.93 -0.49	45.76 3.21 -0.83	47.78 3.39 -0.98	51.57 3.46 -0.63	54.63 3.68 -0.51	57.80 3.89 -0.57	62.80 3.22 0.00	76.46 3.43 0.00	79.33 3.34 0.00	79.40 3.06 0.00	70.41 2.25 0.00	61.21 1.78 0.00	57.07 2.40 0.00	53.53 2.89 0.00
BAYONEEC___CTG2 323683	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.86 2.25 0.00	36.79 2.24 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.12 2.49 0.00	40.66 2.70 0.00	41.40 2.93 -0.49	45.76 3.21 -0.83	47.78 3.39 -0.98	51.57 3.46 -0.63	54.63 3.68 -0.51	57.80 3.89 -0.57	62.80 3.22 0.00	76.46 3.43 0.00	79.33 3.34 0.00	79.40 3.06 0.00	70.41 2.25 0.00	61.21 1.78 0.00	57.07 2.40 0.00	53.53 2.89 0.00
BAYONEEC___CTG3 323684	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.86 2.25 0.00	36.79 2.24 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.12 2.49 0.00	40.66 2.70 0.00	41.40 2.93 -0.49	45.76 3.21 -0.83	47.78 3.39 -0.98	51.57 3.46 -0.63	54.63 3.68 -0.51	57.80 3.89 -0.57	62.80 3.22 0.00	76.46 3.43 0.00	79.33 3.34 0.00	79.40 3.06 0.00	70.41 2.25 0.00	61.21 1.78 0.00	57.07 2.40 0.00	53.53 2.89 0.00
BAYONEEC___CTG4 323685	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.86 2.25 0.00	36.79 2.24 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.12 2.49 0.00	40.66 2.70 0.00	41.40 2.93 -0.49	45.76 3.21 -0.83	47.78 3.39 -0.98	51.57 3.46 -0.63	54.63 3.68 -0.51	57.80 3.89 -0.57	62.80 3.22 0.00	76.46 3.43 0.00	79.33 3.34 0.00	79.40 3.06 0.00	70.41 2.25 0.00	61.21 1.78 0.00	57.07 2.40 0.00	53.53 2.89 0.00
BAYONEEC___CTG5 323686	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.86 2.25 0.00	36.79 2.24 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.12 2.49 0.00	40.66 2.70 0.00	41.40 2.93 -0.49	45.76 3.21 -0.83	47.78 3.39 -0.98	51.57 3.46 -0.63	54.63 3.68 -0.51	57.80 3.89 -0.57	62.80 3.22 0.00	76.46 3.43 0.00	79.33 3.34 0.00	79.40 3.06 0.00	70.41 2.25 0.00	61.21 1.78 0.00	57.07 2.40 0.00	53.53 2.89 0.00
BAYONEEC___CTG6 323687	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.86 2.25 0.00	36.79 2.24 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.12 2.49 0.00	40.66 2.70 0.00	41.40 2.93 -0.49	45.76 3.21 -0.83	47.78 3.39 -0.98	51.57 3.46 -0.63	54.63 3.68 -0.51	57.80 3.89 -0.57	62.80 3.22 0.00	76.46 3.43 0.00	79.33 3.34 0.00	79.40 3.06 0.00	70.41 2.25 0.00	61.21 1.78 0.00	57.07 2.40 0.00	53.53 2.89 0.00
BAYONEEC___CTG7 323688	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.86 2.25 0.00	36.79 2.24 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.12 2.49 0.00	40.66 2.70 0.00	41.40 2.93 -0.49	45.76 3.21 -0.83	47.78 3.39 -0.98	51.57 3.46 -0.63	54.63 3.68 -0.51	57.80 3.89 -0.57	62.80 3.22 0.00	76.46 3.43 0.00	79.33 3.34 0.00	79.40 3.06 0.00	70.41 2.25 0.00	61.21 1.78 0.00	57.07 2.40 0.00	53.53 2.89 0.00

BAYONEEC___CTG8 323689	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.86 2.25 0.00	36.79 2.24 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.12 2.49 0.00	40.66 2.70 0.00	41.40 2.93 -0.49	45.76 3.21 -0.83	47.78 3.39 -0.98	51.57 3.46 -0.63	54.63 3.68 -0.51	57.80 3.89 -0.57	62.80 3.22 0.00	76.46 3.43 0.00	79.33 3.34 0.00	79.40 3.06 0.00	70.41 2.25 0.00	61.21 1.78 0.00	57.07 2.40 0.00	53.53 2.89 0.00
BAYONEEC___CTG9 323749	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.86 2.25 0.00	36.79 2.24 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.12 2.49 0.00	40.66 2.70 0.00	41.40 2.93 -0.49	45.76 3.21 -0.83	47.78 3.39 -0.98	51.57 3.46 -0.63	54.63 3.68 -0.51	57.80 3.89 -0.57	62.80 3.22 0.00	76.46 3.43 0.00	79.33 3.34 0.00	79.40 3.06 0.00	70.41 2.25 0.00	61.21 1.78 0.00	57.07 2.40 0.00	53.53 2.89 0.00
BEACON___LESR 323632	49.62 1.72 0.00	41.42 1.21 0.00	38.58 1.20 0.00	36.82 1.24 0.00	36.90 1.28 0.00	35.78 1.24 0.00	36.43 1.26 0.00	36.59 1.24 0.00	37.65 1.02 0.00	38.99 1.03 0.38	38.60 0.99 0.38	42.15 1.08 0.65	43.81 1.17 0.77	47.74 0.76 0.49	50.94 0.91 0.40	54.06 1.17 0.45	60.59 1.01 0.00	74.49 1.46 0.00	77.59 1.60 0.00	78.02 1.68 0.00	69.46 1.29 0.00	60.50 1.07 0.00	55.81 1.15 0.00	51.86 1.21 0.00
BEAVER RIVER___HYD 24048	49.09 1.20 0.00	41.39 1.17 0.00	38.35 0.97 0.00	36.36 0.78 0.00	36.44 0.82 0.00	35.37 0.83 0.00	36.01 0.84 0.00	35.95 0.60 0.00	37.03 0.40 0.00	38.38 0.42 0.00	38.29 0.30 0.00	42.01 0.29 0.00	43.80 0.39 0.00	47.66 0.19 0.00	50.64 0.20 0.00	53.49 0.16 0.00	60.00 0.42 0.00	73.97 0.95 0.00	78.04 2.05 0.00	79.24 2.90 0.00	71.44 3.27 0.00	64.53 3.27 -1.83	57.18 2.52 0.00	52.77 2.13 0.00
BEEBEE_GT_13 23619	47.66 -0.24 0.00	40.74 0.52 0.00	38.02 0.64 0.00	35.72 0.14 0.00	35.69 0.07 0.00	34.61 0.07 0.00	35.06 -0.11 0.00	35.56 0.21 0.00	36.44 -0.18 0.00	37.70 -0.27 0.00	37.80 -0.19 0.00	41.51 -0.21 0.00	43.19 -0.22 0.00	47.95 0.47 0.00	51.04 0.61 0.00	54.45 1.12 0.00	61.55 1.97 0.00	74.85 1.83 0.00	77.59 1.60 0.00	77.64 1.30 0.00	69.26 1.09 0.00	60.56 1.13 0.00	55.21 0.55 0.00	51.76 1.11 0.00
BENSHRST_27_KV_BENSHRST_1 355998	52.25 4.36 0.00	43.52 3.30 0.00	40.26 2.88 0.00	38.39 2.81 0.00	38.40 2.78 0.00	37.31 2.76 0.00	38.02 2.85 0.00	38.28 2.93 0.00	39.56 2.93 0.00	41.15 3.19 -0.49	41.94 3.46 -0.83	46.43 3.88 -0.98	48.39 3.99 -0.98	52.38 4.27 -0.63	55.54 4.59 -0.51	58.81 4.91 -0.57	63.82 4.23 -0.01	77.56 4.53 -0.01	80.55 4.56 0.00	80.39 4.05 0.00	71.23 3.07 0.00	62.29 2.85 -0.01	58.38 3.72 0.00	54.55 3.90 0.00
BETHLEHEM___GRP 23843	48.95 1.05 0.00	40.90 0.68 0.00	38.09 0.71 0.00	36.39 0.82 0.00	36.47 0.85 0.00	35.37 0.83 0.00	36.01 0.84 0.00	36.16 0.81 0.00	37.25 0.62 0.00	38.53 0.57 0.00	38.17 0.53 0.36	41.69 0.58 0.61	43.30 0.61 0.72	47.10 0.09 0.46	50.16 0.10 0.38	53.13 0.21 0.42	59.52 -0.06 0.00	73.10 0.07 0.00	76.07 0.08 0.00	76.50 0.15 0.00	68.10 -0.07 0.00	59.31 -0.12 0.00	54.88 0.22 0.00	50.95 0.30 0.00
BETHLEHEM___GS1 323560	48.95 1.05 0.00	40.90 0.68 0.00	38.09 0.71 0.00	36.39 0.82 0.00	36.47 0.85 0.00	35.37 0.83 0.00	36.01 0.84 0.00	36.16 0.81 0.00	37.25 0.62 0.00	38.53 0.57 0.00	38.17 0.53 0.36	41.69 0.58 0.61	43.30 0.61 0.72	47.06 0.05 0.46	50.16 0.10 0.38	53.13 0.21 0.42	59.52 -0.06 0.00	73.10 0.07 0.00	76.07 0.08 0.00	76.42 0.08 0.00	68.10 -0.07 0.00	59.31 -0.12 0.00	54.72 0.05 0.00	50.90 0.25 0.00
BETHLEHEM___GS2 323561	48.95 1.05 0.00	40.90 0.68 0.00	38.09 0.71 0.00	36.39 0.82 0.00	36.47 0.85 0.00	35.37 0.83 0.00	36.01 0.84 0.00	36.16 0.81 0.00	37.25 0.62 0.00	38.53 0.57 0.00	38.17 0.53 0.36	41.69 0.58 0.61	43.30 0.61 0.72	47.06 0.05 0.46	50.16 0.10 0.38	53.13 0.21 0.42	59.52 -0.06 0.00	73.10 0.07 0.00	76.07 0.08 0.00	76.42 0.08 0.00	68.10 -0.07 0.00	59.31 -0.12 0.00	54.72 0.05 0.00	50.90 0.25 0.00
BETHLEHEM___GS3 323562	48.95 1.05 0.00	40.90 0.68 0.00	38.09 0.71 0.00	36.39 0.82 0.00	36.47 0.85 0.00	35.37 0.83 0.00	36.01 0.84 0.00	36.16 0.81 0.00	37.25 0.62 0.00	38.53 0.57 0.00	38.17 0.53 0.36	41.69 0.58 0.61	43.30 0.61 0.72	47.06 0.05 0.46	50.16 0.10 0.38	53.13 0.21 0.42	59.52 -0.06 0.00	73.10 0.07 0.00	76.07 0.08 0.00	76.42 0.08 0.00	68.10 -0.07 0.00	59.31 -0.12 0.00	54.72 0.05 0.00	50.90 0.25 0.00
BETHLEHEM___STEEL 23779	47.75 -0.14 0.00	41.39 1.17 0.00	38.65 1.27 0.00	36.04 0.46 0.00	36.08 0.46 0.00	34.92 0.38 0.00	35.24 0.07 0.00	35.99 0.64 0.00	36.48 -0.15 0.00	37.62 -0.34 0.00	37.73 -0.27 0.00	41.30 -0.42 0.00	42.93 -0.48 0.00	47.90 0.43 0.00	50.84 0.40 0.00	54.19 0.85 0.00	61.61 2.03 0.00	74.56 1.53 0.00	76.75 0.76 0.00	76.88 0.53 0.00	68.37 0.20 0.00	60.03 0.59 0.00	54.83 0.16 0.00	51.86 1.22 0.00
BETHLHEM_115KV_TB1 79974	49.00 1.10 0.00	40.94 0.72 0.00	38.13 0.75 0.00	36.43 0.85 0.00	36.47 0.85 0.00	35.41 0.86 0.00	36.01 0.84 0.00	36.20 0.85 0.00	37.29 0.66 0.00	38.57 0.61 0.34	38.22 0.57 0.58	41.77 0.63 0.58	43.38 0.65 0.68	47.27 0.24 0.44	50.33 0.25 0.36	53.31 0.37 0.40	59.70 0.12 0.00	73.24 0.22 0.00	76.29 0.30 0.00	76.65 0.31 0.00	68.23 0.07 0.00	59.49 0.06 0.00	54.99 0.33 0.00	51.05 0.41 0.00
BETHPAGE_CC_5 323564	51.39 3.49 0.00	42.75 2.54 0.00	39.47 2.09 0.00	37.39 1.81 0.00	37.33 1.71 0.00	36.48 1.93 0.00	37.35 2.18 0.00	37.47 2.12 0.00	39.12 2.49 0.00	41.08 3.11 -0.49	41.79 3.30 -0.84	46.15 3.59 -0.98	47.78 3.39 -0.98	50.49 2.42 -0.60	53.95 3.08 -0.44	57.03 3.31 -0.39	62.44 2.86 0.00	75.47 2.70 0.26	78.22 2.43 0.20	77.95 1.98 0.37	59.87 1.09 9.38	54.56 0.83 5.70	50.48 1.20 5.39	49.69 1.77 2.73
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	47.80 -0.10 0.00	41.43 1.21 0.00	38.65 1.27 0.00	36.07 0.50 0.00	36.12 0.50 0.00	34.96 0.41 0.00	35.28 0.11 0.00	36.06 0.71 0.00	36.55 -0.07 0.00	37.70 -0.27 0.00	37.80 -0.19 0.00	41.38 -0.33 0.00	43.02 -0.39 0.00	48.04 0.57 0.00	50.99 0.55 0.00	54.35 1.01 0.00	61.78 2.20 0.00	74.78 1.75 0.00	76.98 0.99 0.00	77.03 0.69 0.00	68.51 0.34 0.00	60.14 0.71 0.00	54.94 0.27 0.00	51.91 1.27 0.00
BINGHAMTON___COGEN 23790	48.47 0.57 0.00	40.98 0.76 0.00	38.13 0.75 0.00	36.11 0.53 0.00	36.15 0.53 0.00	35.06 0.52 0.00	35.59 0.42 0.00	35.92 0.57 0.00	36.85 0.22 0.00	38.19 0.23 0.00	38.26 0.27 0.00	42.01 0.29 0.00	43.67 0.26 0.00	48.04 0.57 0.00	51.14 0.71 0.00	54.35 1.01 0.00	60.95 1.37 0.00	74.41 1.39 0.00	77.21 1.22 0.00	77.49 1.15 0.00	69.19 1.02 0.00	60.32 0.89 0.00	55.48 0.82 0.00	51.81 1.16 0.00

BIXINCNT_115KV_LOAD 355685	47.99 0.10 0.00	41.47 1.25 0.00	38.69 1.31 0.00	36.14 0.57 0.00	36.22 0.61 0.00	35.10 0.55 0.00	35.45 0.28 0.00	36.20 0.85 0.00	36.74 0.11 0.00	37.96 0.00 0.00	38.07 0.08 0.00	41.63 -0.08 0.00	43.28 -0.13 0.00	48.28 0.81 0.00	51.14 0.71 0.00	54.40 1.07 0.00	61.78 2.20 0.00	74.85 1.83 0.00	77.05 1.06 0.00	77.18 0.84 0.00	68.64 0.48 0.00	60.26 0.83 0.00	55.10 0.44 0.00	52.01 1.37 0.00
BLACK RIVER___HYD 24047	49.47 1.58 0.00	41.79 1.57 0.00	38.72 1.34 0.00	36.68 1.10 0.00	36.72 1.11 0.00	35.65 1.11 0.00	36.30 1.13 0.00	36.16 0.81 0.00	37.10 0.47 0.00	38.45 0.49 0.00	38.37 0.38 0.00	42.09 0.37 0.00	43.89 0.48 0.00	47.95 0.47 0.00	51.14 0.71 0.00	54.13 0.80 0.00	60.71 1.13 0.00	75.00 1.97 0.00	79.41 3.42 0.00	80.77 4.43 0.00	72.94 4.77 0.00	65.03 4.34 -1.26	58.11 3.45 0.00	53.58 2.94 0.00
BLACKRVR_115KV_TB2 79977	49.48 1.58 0.00	41.79 1.57 0.00	38.73 1.35 0.00	36.68 1.10 0.00	36.72 1.10 0.00	35.61 1.07 0.00	36.30 1.13 0.00	36.16 0.81 0.00	37.10 0.48 0.00	38.46 0.49 0.00	38.37 0.38 0.00	42.09 0.38 0.00	43.89 0.48 0.00	47.95 0.47 0.00	51.14 0.71 0.00	54.13 0.80 0.00	60.71 1.13 0.00	75.00 1.97 0.00	79.41 3.42 0.00	80.62 4.28 0.00	72.94 4.77 0.00	65.03 4.34 -1.26	58.00 3.33 0.00	53.59 2.94 0.00
BLDWN_LI_69_KV_BK4 356085	51.73 3.83 0.00	43.07 2.86 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.72 2.10 0.00	36.86 2.31 0.00	37.53 2.36 0.00	37.68 2.33 0.00	39.23 2.60 0.00	41.19 3.23 0.00	41.94 3.46 -0.49	46.35 3.80 -0.83	47.82 3.43 -0.98	51.10 2.99 -0.63	54.63 3.68 -0.51	57.80 3.89 -0.57	62.98 3.40 0.00	76.53 3.51 0.00	79.26 3.27 0.00	79.17 2.82 0.00	61.79 1.77 8.15	56.17 1.55 4.81	53.00 2.08 3.74	51.36 2.38 1.67
BLISS_WT_PWR 323608	47.94 0.05 0.00	41.39 1.17 0.00	38.65 1.27 0.00	36.18 0.60 0.00	36.19 0.57 0.00	35.09 0.55 0.00	35.45 0.28 0.00	36.20 0.85 0.00	36.81 0.18 0.00	38.00 0.04 0.00	38.11 0.11 0.00	41.80 0.08 0.00	43.28 -0.13 0.00	48.23 0.76 0.00	51.14 0.71 0.00	54.40 1.07 0.00	61.72 2.14 0.00	74.85 1.83 0.00	77.13 1.14 0.00	77.11 0.76 0.00	68.58 0.41 0.00	60.38 0.95 0.00	55.92 1.26 0.00	52.12 1.47 0.00
BLUESTONE___WT_PWR 323821	50.58 2.68 0.00	42.75 2.54 0.00	39.66 2.28 0.00	37.60 2.03 0.00	37.57 1.96 0.00	36.51 1.97 0.00	37.21 2.04 0.00	37.33 1.98 0.00	38.17 1.54 0.00	39.48 1.52 0.00	39.47 1.48 0.00	43.34 1.63 0.00	45.23 1.82 0.00	49.70 2.23 0.00	53.21 2.77 0.00	56.59 3.25 0.00	63.51 3.93 0.00	77.84 4.82 0.00	81.39 5.40 0.00	81.91 5.57 0.00	73.42 5.25 0.00	63.77 4.34 0.00	58.55 3.88 0.00	54.34 3.70 0.00
BLUE_CIRC_CHEM_DRP 24182	49.33 1.44 0.00	41.26 1.05 0.00	38.39 1.01 0.00	36.68 1.10 0.00	36.72 1.10 0.00	35.61 1.07 0.00	36.23 1.06 0.00	36.34 0.99 0.00	37.36 0.73 0.00	38.65 0.68 0.00	38.41 0.65 0.23	42.03 0.71 0.40	43.68 0.74 0.47	47.69 0.52 0.30	50.80 0.61 0.24	53.86 0.80 0.27	60.24 0.66 0.00	73.97 0.95 0.00	77.05 1.06 0.00	77.56 1.22 0.00	69.12 0.95 0.00	60.20 0.77 0.00	55.65 0.98 0.00	51.71 1.06 0.00
BOC_GAS_DRP 24189	49.05 1.15 0.00	41.02 0.80 0.00	38.13 0.75 0.00	36.43 0.85 0.00	36.47 0.85 0.00	35.41 0.86 0.00	36.01 0.84 0.00	36.20 0.85 0.00	37.29 0.66 0.00	38.61 0.65 0.00	38.41 0.65 0.22	42.04 0.71 0.39	43.69 0.74 0.45	47.75 0.57 0.29	50.86 0.66 0.24	53.82 0.75 0.26	60.12 0.54 0.00	73.68 0.66 0.00	76.60 0.61 0.00	76.95 0.61 0.00	68.51 0.34 0.00	59.73 0.30 0.00	55.27 0.60 0.00	51.36 0.71 0.00
BOONVILLE_115KV_TB1 79983	49.14 1.25 0.00	41.39 1.17 0.00	38.43 1.05 0.00	36.46 0.89 0.00	36.51 0.89 0.00	35.44 0.90 0.00	36.12 0.95 0.00	36.16 0.81 0.00	37.25 0.62 0.00	38.57 0.61 0.00	38.56 0.57 0.00	42.34 0.63 0.00	44.15 0.74 0.00	48.14 0.66 0.00	51.24 0.81 0.00	54.24 0.91 0.00	60.71 1.13 0.00	74.63 1.61 0.00	78.27 2.28 0.00	78.94 2.60 0.00	70.96 2.79 0.00	62.74 2.61 -0.69	56.74 2.08 0.00	52.52 1.87 0.00
BORALEX_4TH_BRANCH 23824	50.24 2.35 0.00	41.99 1.77 0.00	39.10 1.72 0.00	37.32 1.74 0.00	37.36 1.75 0.00	36.34 1.80 0.00	36.96 1.79 0.00	37.15 1.80 0.00	38.24 1.61 0.00	39.48 1.52 0.00	38.27 1.25 0.97	41.39 1.33 1.66	42.80 1.35 1.96	47.64 1.42 1.26	50.98 1.56 1.02	53.95 1.76 1.14	61.19 1.61 0.00	75.29 2.26 0.00	78.35 2.36 0.00	78.79 2.44 0.00	70.01 1.84 0.00	61.15 1.72 0.00	56.52 1.86 0.00	52.52 1.87 0.00
BOWLINE___1 23526	50.62 2.73 0.00	42.27 2.05 0.00	39.21 1.83 0.00	37.35 1.78 0.00	37.43 1.82 0.00	36.37 1.83 0.00	37.07 1.90 0.00	37.29 1.94 0.00	38.57 1.94 0.00	40.01 2.05 0.00	40.65 2.20 -0.46	44.88 2.38 -0.79	46.81 2.47 -0.93	50.58 2.51 -0.60	53.59 2.67 -0.49	56.80 2.93 -0.54	62.08 2.50 0.00	75.65 2.63 0.00	78.58 2.59 0.00	78.63 2.29 0.00	69.87 1.70 0.00	60.74 1.31 0.00	56.47 1.80 0.00	52.93 2.28 0.00
BOWLINE___2 23595	50.58 2.68 0.00	42.23 2.01 0.00	39.21 1.83 0.00	37.35 1.78 0.00	37.43 1.82 0.00	36.37 1.83 0.00	37.07 1.90 0.00	37.29 1.94 0.00	38.57 1.94 0.00	40.01 2.05 0.00	40.62 2.16 -0.46	44.88 2.38 -0.79	46.77 2.43 -0.93	50.49 2.42 -0.60	53.54 2.62 -0.49	56.75 2.88 -0.54	62.02 2.44 0.00	75.58 2.55 0.00	78.42 2.43 0.00	78.56 2.22 0.00	69.74 1.57 0.00	60.62 1.19 0.00	56.36 1.70 0.00	52.87 2.23 0.00
BRADY___115KV_TB2 356060	48.42 0.53 0.00	40.70 0.48 0.00	37.79 0.41 0.00	35.86 0.28 0.00	35.94 0.32 0.00	34.89 0.35 0.00	35.52 0.35 0.00	35.46 0.11 0.00	36.92 0.29 0.00	38.34 0.38 0.00	38.30 0.30 0.00	42.05 0.33 0.00	43.76 0.35 0.00	47.85 0.38 0.00	50.59 0.15 0.00	53.07 -0.27 0.00	59.76 0.18 0.00	73.61 0.58 0.00	76.98 0.99 0.00	77.87 1.53 0.00	70.14 1.98 0.00	67.65 1.84 -6.38	55.76 1.09 0.00	51.31 0.66 0.00
BRANSCOMB___SOLAR 323811	50.05 2.16 0.00	41.87 1.65 0.00	38.91 1.53 0.00	37.10 1.53 0.00	37.18 1.57 0.00	36.06 1.52 0.00	36.72 1.55 0.00	36.80 1.45 0.00	37.73 1.10 0.00	38.91 0.95 0.00	38.19 0.68 0.49	41.63 0.75 0.83	43.25 0.82 0.98	47.65 0.81 0.63	50.93 1.01 0.51	54.09 1.33 0.57	61.01 1.43 0.00	75.29 2.27 0.00	78.95 2.96 0.00	79.62 3.28 0.00	71.16 3.00 0.00	61.93 2.50 0.00	57.07 2.40 0.00	52.98 2.33 0.00
BRDGHMPT_69_KV_BK1 55812	52.49 4.60 0.00	43.76 3.54 0.00	40.18 2.80 0.00	38.49 2.92 0.00	38.32 2.71 0.00	37.58 3.04 0.00	38.44 3.27 0.00	38.21 2.86 0.00	40.11 3.48 0.00	42.48 4.52 0.00	43.49 5.01 -0.49	48.14 5.59 -0.83	49.21 4.82 -0.98	52.28 4.27 -0.54	55.97 5.25 -0.29	58.96 5.60 -0.03	65.42 5.84 0.00	78.55 6.28 0.76	81.17 5.78 0.59	80.22 4.96 1.09	59.96 2.79 11.00	54.48 1.90 6.86	50.28 2.13 6.52	49.88 2.58 3.35

BRENTWOD_69_KV_W. BRTWOOD 56703	51.92 4.02 0.00	43.24 3.02 0.00	39.77 2.39 0.00	37.96 2.38 0.00	37.86 2.24 0.00	37.06 2.52 0.00	37.77 2.60 0.00	37.83 2.47 0.00	39.45 2.82 0.00	41.57 3.61 0.00	42.35 3.88 -0.49	46.72 4.17 -0.83	47.82 3.43 -0.98	50.65 2.66 -0.51	54.10 3.43 -0.23	56.90 3.68 0.12	63.04 3.46 0.00	75.21 3.14 0.96	78.13 2.89 0.75	77.41 2.44 1.38	58.66 1.30 10.80	53.75 1.13 6.81	49.96 1.69 6.40	49.39 2.03 3.29
BRISTLHL_115KV_TB1 79998	47.13 -0.77 0.00	39.74 -0.48 0.00	36.93 -0.45 0.00	35.08 -0.50 0.00	35.12 -0.50 0.00	34.03 -0.52 0.00	34.57 -0.60 0.00	34.86 -0.49 0.00	35.93 -0.70 0.00	37.24 -0.72 0.00	37.31 -0.68 0.00	40.97 -0.75 0.00	42.63 -0.78 0.00	46.81 -0.66 0.00	49.83 -0.61 0.00	52.85 -0.48 0.00	59.22 -0.36 0.00	72.44 -0.58 0.00	75.46 -0.53 0.00	75.81 -0.53 0.00	67.76 -0.41 0.00	59.07 -0.36 0.00	54.28 -0.38 0.00	50.44 -0.20 0.00
BROOKHAVEN___DRP 24191	51.25 3.35 0.00	42.75 2.53 0.00	39.29 1.91 0.00	37.60 2.03 0.00	37.50 1.89 0.00	36.72 2.18 0.00	37.56 2.39 0.00	37.33 1.98 0.00	39.05 2.42 0.00	41.19 3.23 0.00	42.01 3.53 -0.49	46.43 3.88 -0.83	47.43 3.04 -0.98	50.29 2.28 -0.54	53.81 3.08 -0.29	56.68 3.31 -0.04	62.74 3.16 0.00	75.28 2.99 0.74	78.07 2.66 0.58	77.41 2.14 1.07	58.05 0.89 11.00	53.05 0.48 6.85	49.24 1.09 6.52	48.72 1.42 3.35
BROOKLYN_NAVY_YARD 23515	51.44 3.54 0.00	42.80 2.58 0.00	39.62 2.24 0.00	37.75 2.17 0.00	37.83 2.21 0.00	36.79 2.24 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.12 2.49 0.00	40.66 2.70 0.00	41.36 2.89 -0.49	45.72 3.17 -0.83	47.74 3.34 -0.98	51.57 3.46 -0.63	54.63 3.68 -0.51	57.85 3.95 -0.57	62.91 3.33 0.00	76.53 3.51 0.00	79.49 3.50 0.00	79.55 3.21 0.00	70.55 2.38 0.00	61.33 1.90 0.00	57.18 2.52 0.00	53.63 2.99 0.00
BROOKLYN___ARMY_DRP 323595	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
BROOME_2_LFGE 323671	48.47 0.58 0.00	40.98 0.76 0.00	38.13 0.75 0.00	36.14 0.57 0.00	36.15 0.54 0.00	35.06 0.52 0.00	35.59 0.42 0.00	35.91 0.56 0.00	36.89 0.26 0.00	38.19 0.23 0.00	38.26 0.27 0.00	42.05 0.33 0.00	43.72 0.31 0.00	48.04 0.57 0.00	51.14 0.71 0.00	54.34 1.01 0.00	60.95 1.37 0.00	74.41 1.38 0.00	77.20 1.21 0.00	77.49 1.15 0.00	69.19 1.02 0.00	60.38 0.95 0.00	55.70 1.04 0.00	51.86 1.21 0.00
BROOME___LFGE 323600	48.47 0.58 0.00	40.98 0.76 0.00	38.13 0.75 0.00	36.14 0.57 0.00	36.15 0.54 0.00	35.06 0.52 0.00	35.59 0.42 0.00	35.91 0.56 0.00	36.89 0.26 0.00	38.19 0.23 0.00	38.26 0.27 0.00	42.05 0.33 0.00	43.72 0.31 0.00	48.04 0.57 0.00	51.14 0.71 0.00	54.34 1.01 0.00	60.95 1.37 0.00	74.41 1.38 0.00	77.20 1.21 0.00	77.49 1.15 0.00	69.19 1.02 0.00	60.38 0.95 0.00	55.70 1.04 0.00	51.86 1.21 0.00
BROWNFLS_115KV_TB_3_5 80003	48.61 0.72 0.00	40.90 0.68 0.00	37.94 0.56 0.00	35.97 0.39 0.00	36.08 0.46 0.00	35.03 0.48 0.00	35.66 0.49 0.00	35.63 0.28 0.00	36.88 0.26 0.00	38.30 0.34 0.00	38.26 0.27 0.00	41.97 0.25 0.00	43.76 0.35 0.00	47.71 0.24 0.00	50.59 0.15 0.00	53.23 -0.11 0.00	59.76 0.18 0.00	73.68 0.66 0.00	77.43 1.44 0.00	78.33 1.98 0.00	70.62 2.45 0.00	65.18 2.44 -3.32	56.36 1.69 0.00	51.96 1.32 0.00
BROWNSV1_27_KV_LOAD 356125	51.92 4.02 0.00	43.24 3.02 0.00	40.03 2.65 0.00	38.14 2.56 0.00	38.18 2.56 0.00	37.13 2.59 0.00	37.84 2.67 0.00	38.11 2.76 0.00	39.41 2.78 0.00	40.96 3.00 0.00	41.75 3.27 -0.49	46.18 3.63 -0.83	48.17 3.78 -0.98	52.14 4.04 -0.63	55.24 4.29 -0.51	58.49 4.59 -0.57	63.63 4.05 0.00	77.48 4.45 0.00	80.47 4.48 0.00	80.47 4.12 0.00	71.37 3.20 0.00	62.05 2.61 0.00	58.00 3.33 0.00	54.19 3.55 0.00
BURROWS___LYONSDAL 23803	49.14 1.25 0.00	41.39 1.17 0.00	38.43 1.05 0.00	36.46 0.89 0.00	36.51 0.89 0.00	35.44 0.90 0.00	36.12 0.95 0.00	36.13 0.78 0.00	37.21 0.59 0.00	38.53 0.57 0.00	38.52 0.53 0.00	42.26 0.54 0.00	44.06 0.65 0.00	47.95 0.47 0.00	51.04 0.61 0.00	54.03 0.69 0.00	60.47 0.89 0.00	74.34 1.31 0.00	78.12 2.13 0.00	78.86 2.52 0.00	71.03 2.86 0.00	63.14 2.79 -0.92	56.85 2.19 0.00	52.57 1.92 0.00
CAITHNESS_CC_1 323624	51.20 3.30 0.00	42.75 2.54 0.00	39.43 2.05 0.00	37.21 1.64 0.00	37.15 1.53 0.00	36.37 1.83 0.00	37.49 2.32 0.00	37.33 1.98 0.00	39.12 2.49 0.00	41.23 3.27 0.00	42.02 3.53 -0.49	46.44 3.88 -0.84	47.69 3.30 -0.98	50.10 2.09 -0.54	53.66 2.92 -0.30	56.53 3.15 -0.05	62.56 2.98 0.00	75.00 2.70 0.73	77.85 2.43 0.57	77.20 1.91 1.05	57.98 0.82 11.01	52.94 0.36 6.85	48.80 0.66 6.52	48.66 1.37 3.35
CALPINE BETH_PAGE_GT4 24209	51.30 3.40 0.00	42.67 2.45 0.00	39.32 1.94 0.00	37.50 1.92 0.00	37.40 1.78 0.00	36.58 2.04 0.00	37.25 2.08 0.00	37.40 2.05 0.00	38.94 2.31 0.00	40.92 2.96 0.00	41.67 3.19 -0.49	46.01 3.46 -0.83	47.39 3.00 -0.98	50.57 2.47 -0.63	54.03 3.08 -0.51	57.16 3.25 -0.57	62.38 2.80 0.00	75.73 2.70 0.00	78.50 2.51 0.00	78.40 2.06 0.00	60.63 1.09 8.63	55.11 0.83 5.15	51.26 1.48 4.88	50.02 1.82 2.45
CALPINE_BETH_PAGE_GT_4 323586	51.30 3.40 0.00	42.67 2.45 0.00	39.40 2.02 0.00	37.32 1.74 0.00	37.26 1.64 0.00	36.41 1.86 0.00	37.24 2.07 0.00	37.40 2.05 0.00	39.04 2.42 0.00	40.96 3.00 0.00	41.68 3.19 -0.49	46.06 3.50 -0.84	47.69 3.30 -0.98	50.52 2.42 -0.63	54.03 3.08 -0.51	57.16 3.25 -0.57	62.44 2.86 0.00	75.73 2.70 0.00	78.42 2.43 0.00	78.40 2.06 0.00	60.63 1.09 8.63	55.11 0.83 5.15	50.99 1.20 4.88	49.97 1.77 2.45
CALPINE_BP_GT1 23823	51.30 3.40 0.00	42.67 2.45 0.00	39.40 2.02 0.00	37.32 1.74 0.00	37.26 1.64 0.00	36.41 1.86 0.00	37.24 2.07 0.00	37.40 2.05 0.00	39.04 2.42 0.00	40.96 3.00 0.00	41.68 3.19 -0.49	46.06 3.50 -0.84	47.69 3.30 -0.98	50.52 2.42 -0.63	54.03 3.08 -0.51	57.16 3.25 -0.57	62.44 2.86 0.00	75.73 2.70 0.00	78.42 2.43 0.00	78.40 2.06 0.00	60.63 1.09 8.63	55.11 0.83 5.15	50.99 1.20 4.88	49.97 1.77 2.45
CALSPAN___DRP 24200	47.75 -0.14 0.00	41.39 1.17 0.00	38.65 1.27 0.00	36.04 0.46 0.00	36.08 0.46 0.00	34.92 0.38 0.00	35.24 0.07 0.00	35.99 0.64 0.00	36.48 -0.15 0.00	37.62 -0.34 0.00	37.73 -0.27 0.00	41.30 -0.42 0.00	42.93 -0.48 0.00	47.90 0.43 0.00	50.84 0.40 0.00	54.19 0.85 0.00	61.61 2.03 0.00	74.56 1.53 0.00	76.75 0.76 0.00	76.88 0.53 0.00	68.37 0.20 0.00	60.03 0.59 0.00	54.83 0.16 0.00	51.86 1.22 0.00

CALVERTON___SOLAR 323806	51.35 3.45 0.00	42.83 2.61 0.00	39.55 2.17 0.00	37.28 1.71 0.00	37.22 1.60 0.00	36.44 1.90 0.00	37.67 2.50 0.00	37.40 2.05 0.00	39.23 2.60 0.00	41.34 3.38 0.00	42.21 3.73 -0.49	46.65 4.09 -0.84	47.91 3.51 -0.98	50.39 2.37 -0.54	54.00 3.28 -0.29	56.89 3.52 -0.04	63.03 3.45 0.00	75.64 3.36 0.75	78.45 3.04 0.58	77.78 2.52 1.07	58.39 1.23 11.00	53.23 0.65 6.86	49.02 0.87 6.52	48.87 1.57 3.35
CANDIGU_WT_PWR 323617	48.33 0.43 0.00	41.34 1.12 0.00	38.54 1.16 0.00	36.25 0.67 0.00	36.26 0.64 0.00	35.09 0.55 0.00	35.49 0.32 0.00	35.88 0.53 0.00	36.45 -0.18 0.00	37.62 -0.34 0.00	37.65 -0.34 0.00	41.38 -0.34 0.00	42.89 -0.52 0.00	47.52 0.05 0.00	50.49 0.05 0.00	53.76 0.42 0.00	60.71 1.13 0.00	74.05 1.02 0.00	76.83 0.84 0.00	77.33 0.99 0.00	69.12 0.95 0.00	60.50 1.07 0.00	55.92 1.26 0.00	52.22 1.57 0.00
CARR STREET_E_SYR 24060	47.18 -0.72 0.00	39.90 -0.32 0.00	37.23 -0.15 0.00	35.33 -0.25 0.00	35.37 -0.25 0.00	34.27 -0.28 0.00	34.82 -0.35 0.00	35.11 -0.25 0.00	36.19 -0.44 0.00	37.51 -0.45 0.00	37.46 -0.53 0.00	41.09 -0.62 0.00	42.71 -0.70 0.00	46.95 -0.52 0.00	49.98 -0.45 0.00	53.07 -0.27 0.00	59.46 -0.12 0.00	72.73 -0.29 0.00	75.61 -0.38 0.00	75.96 -0.38 0.00	67.89 -0.27 0.00	59.14 -0.30 0.00	54.50 -0.16 0.00	50.55 -0.10 0.00
CARTHAGE___PAPER 23857	49.23 1.34 0.00	41.54 1.33 0.00	38.50 1.12 0.00	36.50 0.92 0.00	36.54 0.92 0.00	35.48 0.93 0.00	36.15 0.98 0.00	36.02 0.67 0.00	37.07 0.44 0.00	38.38 0.42 0.00	38.29 0.30 0.00	42.01 0.29 0.00	43.80 0.39 0.00	47.71 0.24 0.00	50.74 0.30 0.00	53.65 0.32 0.00	60.18 0.60 0.00	74.34 1.32 0.00	78.58 2.59 0.00	79.93 3.59 0.00	72.12 3.95 0.00	64.72 3.81 -1.49	57.61 2.95 0.00	53.13 2.48 0.00
CASSADAGA_WT_PWR 323784	49.04 1.15 0.00	42.31 2.09 0.00	39.51 2.13 0.00	36.96 1.39 0.00	36.90 1.28 0.00	35.78 1.24 0.00	36.08 0.91 0.00	36.84 1.48 0.00	37.43 0.80 0.00	38.72 0.76 0.00	38.83 0.83 0.00	42.63 0.92 0.00	44.15 0.74 0.00	49.23 1.76 0.00	52.25 1.81 0.00	55.68 2.34 0.00	63.45 3.87 0.00	76.89 3.87 0.00	79.03 3.04 0.00	78.94 2.60 0.00	70.14 1.98 0.00	61.69 2.26 0.00	57.13 2.46 0.00	53.23 2.58 0.00
CE_DUNWOOD___DRP 24194	51.01 3.11 0.00	42.51 2.29 0.00	39.44 2.06 0.00	37.60 2.03 0.00	37.65 2.03 0.00	36.58 2.04 0.00	37.28 2.11 0.00	37.51 2.16 0.00	38.75 2.12 0.00	40.24 2.28 0.00	40.95 2.47 -0.49	45.30 2.75 -0.83	47.17 2.78 -0.98	51.00 2.90 -0.63	54.08 3.13 -0.51	57.26 3.36 -0.57	62.50 2.92 0.00	76.17 3.14 0.00	79.18 3.19 0.00	79.24 2.90 0.00	70.28 2.11 0.00	61.15 1.72 0.00	57.02 2.35 0.00	53.28 2.63 0.00
CE_MILLWOOD___DRP 24193	50.87 2.97 0.00	42.43 2.21 0.00	39.32 1.94 0.00	37.50 1.92 0.00	37.54 1.92 0.00	36.51 1.97 0.00	37.21 2.04 0.00	37.40 2.05 0.00	38.64 2.01 0.00	40.09 2.13 0.00	40.79 2.32 -0.48	45.13 2.59 -0.83	46.99 2.60 -0.98	50.85 2.75 -0.63	53.87 2.93 -0.51	57.10 3.20 -0.57	62.32 2.74 0.00	76.02 2.99 0.00	78.95 2.96 0.00	79.02 2.67 0.00	70.14 1.98 0.00	60.98 1.55 0.00	56.91 2.24 0.00	53.13 2.48 0.00
CE_NYC2_DRP 24202	51.68 3.78 0.00	43.03 2.82 0.00	39.85 2.47 0.00	37.99 2.42 0.00	38.04 2.42 0.00	37.00 2.45 0.00	37.70 2.53 0.00	37.97 2.62 0.00	39.23 2.60 0.00	40.77 2.81 0.00	41.52 3.04 -0.49	45.93 3.38 -0.83	47.87 3.47 -0.98	51.76 3.66 -0.63	54.83 3.88 -0.51	58.06 4.16 -0.57	62.97 3.40 0.00	76.53 3.51 0.00	79.49 3.50 0.00	79.40 3.05 0.00	70.35 2.18 0.00	61.51 2.08 0.00	57.67 3.01 0.00	53.89 3.24 0.00
CE_NYC_DRP 24195	51.54 3.64 0.00	42.91 2.69 0.00	39.74 2.35 0.00	37.89 2.31 0.00	37.93 2.32 0.00	36.86 2.31 0.00	37.60 2.43 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.66 2.70 0.00	41.40 2.93 -0.49	45.81 3.25 -0.83	47.78 3.39 -0.98	51.67 3.56 -0.63	54.73 3.78 -0.51	57.96 4.05 -0.57	63.04 3.46 0.00	76.75 3.72 0.00	79.71 3.72 0.00	79.70 3.36 0.00	70.69 2.52 0.00	61.51 2.08 0.00	57.51 2.84 0.00	53.74 3.09 0.00
CHAFFEE___LFGE 323603	47.90 0.00 0.00	41.42 1.21 0.00	38.69 1.31 0.00	36.18 0.60 0.00	36.12 0.50 0.00	34.99 0.45 0.00	35.28 0.11 0.00	36.06 0.71 0.00	36.63 0.00 0.00	37.77 -0.19 0.00	37.84 -0.15 0.00	41.59 -0.12 0.00	43.02 -0.39 0.00	48.09 0.62 0.00	51.04 0.61 0.00	54.40 1.07 0.00	61.84 2.26 0.00	74.92 1.90 0.00	77.28 1.29 0.00	77.18 0.84 0.00	68.58 0.41 0.00	60.32 0.89 0.00	55.97 1.31 0.00	52.17 1.52 0.00
CHATEAUG_35_KV_LOAD 355732	47.66 -0.24 0.00	39.98 -0.24 0.00	37.08 -0.30 0.00	35.22 -0.36 0.00	35.26 -0.36 0.00	34.23 -0.31 0.00	34.92 -0.25 0.00	35.00 -0.35 0.00	36.59 -0.04 0.00	38.00 0.04 0.00	37.99 0.00 0.00	41.72 0.00 0.00	43.41 0.00 0.00	47.47 0.00 0.00	49.98 -0.45 0.00	52.37 -0.96 0.00	58.75 -0.83 0.00	72.44 -0.58 0.00	75.53 -0.46 0.00	76.19 -0.15 0.00	68.44 0.27 0.00	60.34 0.18 -0.73	54.45 -0.22 0.00	50.24 -0.41 0.00
CHATEAUG_WT_PWR 323614	47.61 -0.29 0.00	39.90 -0.32 0.00	37.04 -0.34 0.00	35.18 -0.39 0.00	35.23 -0.39 0.00	34.20 -0.35 0.00	34.89 -0.28 0.00	34.96 -0.39 0.00	36.55 -0.07 0.00	38.00 0.04 0.00	37.99 0.00 0.00	41.72 0.00 0.00	43.45 0.04 0.00	47.47 0.00 0.00	49.98 -0.45 0.00	52.37 -0.96 0.00	58.69 -0.89 0.00	72.30 -0.73 0.00	75.38 -0.61 0.00	75.96 -0.38 0.00	68.10 -0.07 0.00	59.67 -0.06 -0.29	54.23 -0.44 0.00	50.09 -0.56 0.00
CHAT_HIGH_FALL_HYD 323578	47.66 -0.24 0.00	39.98 -0.24 0.00	37.08 -0.30 0.00	35.22 -0.36 0.00	35.26 -0.36 0.00	34.23 -0.31 0.00	34.92 -0.25 0.00	35.00 -0.35 0.00	36.59 -0.04 0.00	38.00 0.04 0.00	37.99 0.00 0.00	41.72 0.00 0.00	43.41 0.00 0.00	47.47 0.00 0.00	49.98 -0.45 0.00	52.37 -0.96 0.00	58.75 -0.83 0.00	72.44 -0.58 0.00	75.53 -0.46 0.00	76.19 -0.15 0.00	68.44 0.27 0.00	60.34 0.18 -0.73	54.45 -0.22 0.00	50.24 -0.41 0.00
CHAUTAUQUA___LFGE 323629	48.57 0.67 0.00	41.99 1.77 0.00	39.17 1.79 0.00	36.68 1.10 0.00	36.61 1.00 0.00	35.48 0.93 0.00	35.77 0.60 0.00	36.52 1.16 0.00	37.10 0.47 0.00	38.30 0.34 0.00	38.37 0.38 0.00	42.18 0.46 0.00	43.67 0.26 0.00	48.71 1.23 0.00	51.65 1.21 0.00	55.09 1.76 0.00	62.62 3.04 0.00	75.87 2.85 0.00	78.11 2.12 0.00	78.10 1.76 0.00	69.39 1.23 0.00	61.04 1.61 0.00	56.52 1.86 0.00	52.72 2.08 0.00
CHERRYST_13_KV_LD 356241	51.68 3.78 0.00	43.03 2.82 0.00	39.85 2.47 0.00	37.99 2.42 0.00	38.04 2.42 0.00	37.00 2.45 0.00	37.70 2.53 0.00	37.97 2.62 0.00	39.26 2.64 0.00	40.77 2.81 0.00	41.56 3.08 -0.49	45.97 3.42 -0.83	47.95 3.56 -0.98	51.90 3.80 -0.63	54.99 4.03 -0.51	58.22 4.32 -0.57	63.33 3.75 0.00	77.04 4.02 0.00	80.02 4.03 0.00	80.01 3.66 0.00	70.96 2.79 0.00	61.69 2.26 0.00	57.67 3.01 0.00	53.94 3.29 0.00

CHESTROR_138KV_BK263 355645	50.29 2.39 0.00	41.99 1.77 0.00	38.95 1.57 0.00	37.14 1.57 0.00	37.22 1.60 0.00	36.17 1.62 0.00	36.82 1.65 0.00	37.01 1.66 0.00	38.20 1.57 0.00	39.60 1.63 0.00	40.16 1.75 -0.42	44.36 1.92 -0.72	46.26 2.00 -0.85	50.11 2.09 -0.55	53.15 2.27 -0.44	56.34 2.51 -0.50	61.72 2.14 0.00	75.44 2.41 0.00	78.42 2.43 0.00	78.56 2.21 0.00	69.80 1.64 0.00	60.74 1.31 0.00	56.52 1.86 0.00	52.77 2.13 0.00
CH_MIDHUDSON___DRP 24192	50.63 2.73 0.00	42.23 2.01 0.00	39.17 1.79 0.00	37.35 1.78 0.00	37.43 1.82 0.00	36.37 1.83 0.00	37.03 1.86 0.00	37.22 1.87 0.00	38.39 1.76 0.00	39.78 1.82 0.00	40.36 1.90 -0.47	44.65 2.13 -0.80	46.57 2.21 -0.95	50.41 2.33 -0.61	53.50 2.57 -0.49	56.71 2.83 -0.55	62.08 2.50 0.00	75.87 2.85 0.00	78.95 2.96 0.00	79.09 2.75 0.00	70.21 2.04 0.00	61.10 1.66 0.00	56.85 2.19 0.00	53.08 2.43 0.00
CH_MISC_IPPS 23765	50.96 3.07 0.00	42.51 2.29 0.00	39.40 2.02 0.00	37.53 1.96 0.00	37.61 1.99 0.00	36.55 2.00 0.00	37.24 2.07 0.00	37.40 2.05 0.00	38.60 1.98 0.00	40.01 2.05 0.00	40.57 2.13 -0.45	44.87 2.38 -0.78	46.84 2.52 -0.91	50.77 2.70 -0.59	53.84 2.92 -0.48	57.06 3.20 -0.53	62.56 2.98 0.00	76.46 3.43 0.00	79.56 3.57 0.00	79.78 3.44 0.00	70.82 2.66 0.00	61.57 2.14 0.00	57.13 2.46 0.00	53.48 2.83 0.00
CH_RES_BVR_FALLS 23983	47.75 -0.14 0.00	40.06 -0.16 0.00	37.23 -0.15 0.00	35.43 -0.14 0.00	35.48 -0.14 0.00	34.41 -0.14 0.00	35.03 -0.14 0.00	35.17 -0.18 0.00	36.52 -0.11 0.00	37.89 -0.08 0.00	37.88 -0.11 0.00	41.59 -0.12 0.00	43.28 -0.13 0.00	47.28 -0.19 0.00	50.14 -0.30 0.00	52.85 -0.48 0.00	59.17 -0.41 0.00	72.66 -0.36 0.00	75.69 -0.30 0.00	76.11 -0.23 0.00	68.03 -0.14 0.00	59.31 -0.12 0.00	54.39 -0.27 0.00	50.30 -0.35 0.00
CH_RES_NIAGARA 23895	46.03 -1.87 0.00	40.06 -0.16 0.00	37.46 0.07 0.00	35.50 -0.07 0.00	34.90 -0.71 0.00	33.75 -0.79 0.00	34.12 -1.06 0.00	34.89 -0.46 0.00	35.38 -1.25 0.00	36.41 -1.56 0.00	36.47 -1.52 0.00	39.92 -1.79 0.00	41.41 -2.00 0.00	46.24 -1.23 0.00	49.03 -1.41 0.00	52.27 -1.07 0.00	59.46 -0.12 0.00	71.78 -1.24 0.00	74.01 -1.98 0.00	74.13 -2.21 0.00	65.85 -2.32 0.00	57.89 -1.55 0.00	52.75 -1.91 0.00	49.99 -0.66 0.00
CH_RES_SYRACUSE 23985	47.70 -0.19 0.00	40.22 0.00 0.00	37.42 0.04 0.00	35.54 -0.04 0.00	35.55 -0.07 0.00	34.44 -0.10 0.00	35.00 -0.17 0.00	35.28 -0.07 0.00	36.33 -0.29 0.00	37.70 -0.26 0.00	37.77 -0.23 0.00	41.51 -0.21 0.00	43.15 -0.26 0.00	47.43 -0.05 0.00	50.49 0.05 0.00	53.65 0.32 0.00	60.12 0.54 0.00	73.54 0.51 0.00	76.53 0.54 0.00	76.88 0.54 0.00	68.71 0.54 0.00	59.85 0.42 0.00	55.16 0.49 0.00	51.15 0.51 0.00
CLINTON_WT_PWR 323605	47.61 -0.29 0.00	39.90 -0.32 0.00	37.04 -0.34 0.00	35.18 -0.39 0.00	35.23 -0.39 0.00	34.20 -0.35 0.00	34.89 -0.28 0.00	34.96 -0.39 0.00	36.55 -0.07 0.00	38.00 0.04 0.00	37.99 0.00 0.00	41.72 0.00 0.00	43.45 0.04 0.00	47.47 0.00 0.00	49.98 -0.45 0.00	52.37 -0.96 0.00	58.69 -0.89 0.00	72.30 -0.73 0.00	75.38 -0.61 0.00	75.96 -0.38 0.00	68.10 -0.07 0.00	59.67 -0.06 -0.29	54.23 -0.44 0.00	50.09 -0.56 0.00
CLINTON___LFGE 323618	48.23 0.34 0.00	40.42 0.20 0.00	37.49 0.11 0.00	35.58 0.00 0.00	35.65 0.04 0.00	34.61 0.07 0.00	35.28 0.11 0.00	35.35 0.00 0.00	36.92 0.29 0.00	38.38 0.42 0.00	38.37 0.38 0.00	42.18 0.46 0.00	43.89 0.48 0.00	48.00 0.52 0.00	50.24 -0.20 0.00	52.53 -0.80 0.00	58.93 -0.65 0.00	72.81 -0.22 0.00	75.84 -0.15 0.00	76.57 0.23 0.00	68.78 0.61 0.00	60.31 0.47 -0.41	54.67 0.00 0.00	50.65 0.00 0.00
COBBLENY_34_KV_TB1 80064	47.85 -0.05 0.00	41.43 1.21 0.00	38.69 1.31 0.00	36.07 0.50 0.00	36.12 0.50 0.00	34.99 0.45 0.00	35.28 0.11 0.00	36.06 0.71 0.00	36.55 -0.07 0.00	37.70 -0.27 0.00	37.84 -0.15 0.00	41.38 -0.33 0.00	43.06 -0.35 0.00	48.09 0.62 0.00	51.04 0.61 0.00	54.40 1.07 0.00	61.84 2.26 0.00	74.85 1.83 0.00	77.05 1.06 0.00	77.18 0.84 0.00	68.58 0.41 0.00	60.20 0.77 0.00	54.99 0.33 0.00	51.96 1.32 0.00
COFFEEN___115KV_TB3 355620	49.72 1.82 0.00	42.03 1.81 0.00	38.95 1.57 0.00	36.86 1.28 0.00	36.90 1.28 0.00	35.82 1.28 0.00	36.47 1.30 0.00	36.34 0.99 0.00	37.21 0.59 0.00	38.57 0.61 0.00	38.49 0.49 0.00	42.22 0.50 0.00	44.02 0.61 0.00	48.09 0.62 0.00	51.35 0.91 0.00	54.40 1.07 0.00	61.01 1.43 0.00	75.44 2.41 0.00	79.94 3.95 0.00	81.31 4.96 0.00	73.69 5.52 0.00	65.53 4.87 -1.23	58.44 3.77 0.00	53.99 3.34 0.00
COLDSPRG_115KV_BK1 355956	49.00 1.10 0.00	42.27 2.05 0.00	39.44 2.06 0.00	36.82 1.25 0.00	36.90 1.28 0.00	35.79 1.24 0.00	36.08 0.91 0.00	36.84 1.48 0.00	37.36 0.73 0.00	38.68 0.72 0.00	38.83 0.84 0.00	42.51 0.79 0.00	44.24 0.82 0.00	49.32 1.85 0.00	52.35 1.92 0.00	55.79 2.45 0.00	63.45 3.87 0.00	76.82 3.80 0.00	78.88 2.89 0.00	78.94 2.60 0.00	70.14 1.98 0.00	61.63 2.20 0.00	56.36 1.69 0.00	53.13 2.48 0.00
COLONIE_LFGE___ 323577	49.76 1.87 0.00	41.63 1.41 0.00	38.72 1.34 0.00	36.96 1.39 0.00	37.00 1.39 0.00	35.93 1.38 0.00	36.54 1.37 0.00	36.73 1.38 0.00	37.76 1.14 0.00	39.02 1.06 0.00	38.33 0.91 0.57	41.69 0.96 0.98	43.29 1.04 1.16	47.73 1.00 0.75	50.99 1.16 0.61	54.04 1.38 0.68	60.89 1.31 0.00	74.85 1.83 0.00	78.04 2.05 0.00	78.48 2.13 0.00	69.94 1.77 0.00	60.97 1.54 0.00	56.19 1.53 0.00	52.27 1.62 0.00
COOPERNY_115KV_TB1 80082	49.62 1.72 0.00	41.55 1.33 0.00	38.58 1.20 0.00	36.75 1.17 0.00	36.79 1.18 0.00	35.75 1.21 0.00	36.40 1.23 0.00	36.59 1.24 0.00	37.76 1.14 0.00	39.18 1.21 0.00	39.54 1.25 -0.29	43.64 1.42 -0.50	45.44 1.43 -0.59	49.37 1.52 -0.38	52.46 1.71 -0.31	55.60 1.92 -0.34	61.25 1.67 0.00	74.85 1.83 0.00	77.74 1.75 0.00	77.95 1.60 0.00	69.39 1.23 0.00	60.38 0.95 0.00	56.03 1.37 0.00	52.22 1.57 0.00
COPENHAGEN_WT_PWR 323753	49.23 1.34 0.00	41.59 1.37 0.00	38.54 1.16 0.00	36.50 0.92 0.00	36.54 0.92 0.00	35.48 0.93 0.00	36.12 0.95 0.00	36.02 0.67 0.00	36.96 0.33 0.00	38.30 0.34 0.00	38.26 0.27 0.00	41.97 0.25 0.00	43.76 0.35 0.00	47.81 0.33 0.00	50.99 0.56 0.00	53.98 0.64 0.00	60.53 0.95 0.00	74.71 1.68 0.00	78.95 2.96 0.00	80.23 3.89 0.00	72.39 4.23 0.00	64.45 3.86 -1.16	57.72 3.06 0.00	53.28 2.63 0.00
CORNELL_____ 23752	48.85 0.96 0.00	41.26 1.05 0.00	38.35 0.97 0.00	36.32 0.75 0.00	36.36 0.75 0.00	35.23 0.69 0.00	35.80 0.63 0.00	36.09 0.74 0.00	36.99 0.37 0.00	38.30 0.34 0.00	38.30 0.30 0.00	42.09 0.38 0.00	43.80 0.39 0.00	48.19 0.71 0.00	51.29 0.86 0.00	54.61 1.28 0.00	61.37 1.79 0.00	75.22 2.19 0.00	78.42 2.43 0.00	78.94 2.60 0.00	70.62 2.45 0.00	61.51 2.08 0.00	56.47 1.80 0.00	52.52 1.87 0.00

CORONA V_69_KV_TB1 355595	51.82 3.93 0.00	43.15 2.94 0.00	39.77 2.39 0.00	37.92 2.35 0.00	37.86 2.24 0.00	36.96 2.42 0.00	37.63 2.46 0.00	37.79 2.44 0.00	39.30 2.67 0.00	41.23 3.26 0.00	41.94 3.46 -0.49	46.35 3.80 -0.83	47.95 3.56 -0.98	51.33 3.23 -0.63	54.90 3.88 -0.58	57.96 4.05 -0.57	63.39 3.81 0.00	76.97 3.94 0.00	79.79 3.80 0.00	79.78 3.44 0.00	69.40 2.32 1.08	60.68 1.90 0.65	56.42 2.41 0.65	52.95 2.63 0.34
CORTLAND_115KV_TB3 80093	48.47 0.57 0.00	40.90 0.68 0.00	38.02 0.64 0.00	36.07 0.50 0.00	36.12 0.50 0.00	34.99 0.45 0.00	35.59 0.42 0.00	35.85 0.49 0.00	36.81 0.18 0.00	38.11 0.15 0.00	38.14 0.15 0.00	41.88 0.17 0.00	43.63 0.22 0.00	47.90 0.43 0.00	50.99 0.55 0.00	54.24 0.91 0.00	60.77 1.19 0.00	74.41 1.39 0.00	77.51 1.52 0.00	77.95 1.60 0.00	69.67 1.50 0.00	60.74 1.31 0.00	55.81 1.15 0.00	51.91 1.27 0.00
COXSACKIE___GT 23611	51.15 3.26 0.00	42.75 2.54 0.00	39.70 2.32 0.00	37.78 2.21 0.00	37.93 2.31 0.00	36.76 2.21 0.00	37.35 2.18 0.00	37.33 1.98 0.00	38.24 1.61 0.00	39.29 1.33 0.00	39.25 1.41 0.15	43.00 1.54 0.26	44.84 1.74 0.31	48.84 1.56 0.20	52.19 1.92 0.16	55.45 2.29 0.18	61.79 2.21 0.00	76.60 3.58 0.00	80.55 4.56 0.00	81.38 5.04 0.00	72.53 4.37 0.00	63.06 3.63 0.00	58.11 3.45 0.00	53.99 3.34 0.00
CPV_VALLEY___CC1 323721	49.86 1.96 0.00	41.71 1.49 0.00	38.69 1.31 0.00	36.85 1.28 0.00	36.94 1.32 0.00	35.86 1.31 0.00	36.54 1.37 0.00	36.77 1.42 0.00	37.98 1.36 0.00	39.37 1.41 0.00	39.89 1.52 -0.38	43.99 1.63 -0.64	45.86 1.69 -0.76	49.67 1.71 -0.49	52.70 1.87 -0.40	55.85 2.08 -0.44	61.31 1.73 0.00	74.85 1.83 0.00	77.74 1.75 0.00	77.87 1.53 0.00	69.25 1.09 0.00	60.26 0.83 0.00	55.87 1.20 0.00	52.27 1.62 0.00
CPV_VALLEY___CC2 323722	49.86 1.96 0.00	41.71 1.49 0.00	38.69 1.31 0.00	36.85 1.28 0.00	36.94 1.32 0.00	35.86 1.31 0.00	36.54 1.37 0.00	36.77 1.42 0.00	37.98 1.36 0.00	39.37 1.41 0.00	39.89 1.52 -0.38	43.99 1.63 -0.64	45.86 1.69 -0.76	49.67 1.71 -0.49	52.70 1.87 -0.40	55.85 2.08 -0.44	61.31 1.73 0.00	74.85 1.83 0.00	77.74 1.75 0.00	77.87 1.53 0.00	69.25 1.09 0.00	60.26 0.83 0.00	55.87 1.20 0.00	52.27 1.62 0.00
CRESCENT___HYD 24018	49.76 1.87 0.00	41.63 1.41 0.00	38.72 1.34 0.00	36.96 1.39 0.00	37.00 1.39 0.00	35.93 1.38 0.00	36.54 1.37 0.00	36.73 1.38 0.00	37.76 1.14 0.00	39.02 1.06 0.00	38.33 0.91 0.57	41.69 0.96 0.98	43.29 1.04 1.16	47.73 1.00 0.75	50.99 1.16 0.61	54.04 1.38 0.68	60.89 1.31 0.00	74.85 1.83 0.00	78.04 2.05 0.00	78.48 2.13 0.00	69.94 1.77 0.00	60.97 1.54 0.00	56.19 1.53 0.00	52.27 1.62 0.00
CRICKET___VALLEY_CC1 323756	49.95 2.06 0.00	41.66 1.45 0.00	38.69 1.31 0.00	36.93 1.35 0.00	36.97 1.35 0.00	35.96 1.42 0.00	36.61 1.44 0.00	36.80 1.45 0.00	37.98 1.36 0.00	39.33 1.36 0.00	33.22 1.37 6.13	32.71 1.50 10.51	32.58 1.56 12.39	41.02 1.52 7.97	45.58 1.61 6.47	47.93 1.81 7.21	60.95 1.37 0.00	74.49 1.46 0.00	77.43 1.44 0.00	77.64 1.30 0.00	68.99 0.82 0.00	60.09 0.65 0.00	55.65 0.99 0.00	52.06 1.42 0.00
CRICKET___VALLEY_CC2 323757	49.95 2.06 0.00	41.66 1.45 0.00	38.69 1.31 0.00	36.93 1.35 0.00	36.97 1.35 0.00	35.96 1.42 0.00	36.61 1.44 0.00	36.80 1.45 0.00	37.98 1.36 0.00	39.33 1.36 0.00	33.22 1.37 6.13	32.71 1.50 10.51	32.58 1.56 12.39	41.02 1.52 7.97	45.58 1.61 6.47	47.93 1.81 7.21	60.95 1.37 0.00	74.49 1.46 0.00	77.43 1.44 0.00	77.64 1.30 0.00	68.99 0.82 0.00	60.09 0.65 0.00	55.65 0.99 0.00	52.06 1.42 0.00
CRICKET___VALLEY_CC3 323758	49.95 2.06 0.00	41.66 1.45 0.00	38.69 1.31 0.00	36.93 1.35 0.00	36.97 1.35 0.00	35.96 1.42 0.00	36.61 1.44 0.00	36.80 1.45 0.00	37.98 1.36 0.00	39.33 1.36 0.00	33.22 1.37 6.13	32.71 1.50 10.51	32.58 1.56 12.39	41.02 1.52 7.97	45.58 1.61 6.47	47.93 1.81 7.21	60.95 1.37 0.00	74.49 1.46 0.00	77.43 1.44 0.00	77.64 1.30 0.00	68.99 0.82 0.00	60.09 0.65 0.00	55.65 0.99 0.00	52.06 1.42 0.00
CRUCIBLE_METL_DRP 24180	47.66 -0.24 0.00	40.22 0.00 0.00	37.42 0.04 0.00	35.50 -0.07 0.00	35.55 -0.07 0.00	34.44 -0.10 0.00	34.99 -0.18 0.00	35.28 -0.07 0.00	36.33 -0.29 0.00	37.70 -0.27 0.00	37.76 -0.23 0.00	41.47 -0.25 0.00	43.15 -0.26 0.00	47.43 -0.05 0.00	50.49 0.05 0.00	53.65 0.32 0.00	60.12 0.54 0.00	73.54 0.51 0.00	76.52 0.53 0.00	76.88 0.53 0.00	68.71 0.55 0.00	59.85 0.42 0.00	54.99 0.33 0.00	51.10 0.46 0.00
DAHOWA___HYDRO 323763	50.10 2.20 0.00	41.95 1.73 0.00	38.99 1.61 0.00	37.14 1.56 0.00	37.22 1.60 0.00	36.10 1.56 0.00	36.75 1.58 0.00	36.84 1.48 0.00	37.76 1.14 0.00	38.95 0.99 0.00	38.21 0.68 0.47	41.67 0.75 0.80	43.33 0.87 0.94	47.67 0.81 0.61	51.00 1.06 0.49	54.22 1.44 0.55	61.13 1.55 0.00	75.51 2.48 0.00	79.26 3.27 0.00	80.08 3.74 0.00	71.57 3.41 0.00	62.23 2.79 0.00	57.29 2.62 0.00	53.13 2.48 0.00
DANC___LFGE 323619	48.37 0.48 0.00	40.82 0.60 0.00	37.90 0.52 0.00	35.93 0.36 0.00	35.94 0.32 0.00	34.85 0.31 0.00	35.42 0.25 0.00	35.46 0.11 0.00	36.45 -0.18 0.00	37.81 -0.15 0.00	37.84 -0.15 0.00	41.51 -0.21 0.00	43.24 -0.17 0.00	47.33 -0.14 0.00	50.44 0.00 0.00	53.44 0.11 0.00	59.82 0.24 0.00	73.61 0.58 0.00	77.43 1.44 0.00	78.41 2.06 0.00	70.49 2.32 0.00	62.41 2.20 -0.78	56.41 1.75 0.00	52.17 1.52 0.00
DANSKAMMER___1 23586	50.96 3.07 0.00	42.51 2.29 0.00	39.40 2.02 0.00	37.53 1.96 0.00	37.61 1.99 0.00	36.55 2.00 0.00	37.24 2.07 0.00	37.40 2.05 0.00	38.60 1.98 0.00	40.01 2.05 0.00	40.57 2.13 -0.45	44.87 2.38 -0.78	46.84 2.52 -0.91	50.77 2.70 -0.59	53.84 2.92 -0.48	57.06 3.20 -0.53	62.56 2.98 0.00	76.46 3.43 0.00	79.56 3.57 0.00	79.78 3.44 0.00	70.82 2.66 0.00	61.57 2.14 0.00	57.13 2.46 0.00	53.48 2.83 0.00
DANSKAMMER___2 23589	50.96 3.07 0.00	42.51 2.29 0.00	39.40 2.02 0.00	37.53 1.96 0.00	37.61 1.99 0.00	36.55 2.00 0.00	37.24 2.07 0.00	37.40 2.05 0.00	38.60 1.98 0.00	40.01 2.05 0.00	40.57 2.13 -0.45	44.87 2.38 -0.78	46.84 2.52 -0.91	50.77 2.70 -0.59	53.84 2.92 -0.48	57.06 3.20 -0.53	62.56 2.98 0.00	76.46 3.43 0.00	79.56 3.57 0.00	79.78 3.44 0.00	70.82 2.66 0.00	61.57 2.14 0.00	57.13 2.46 0.00	53.48 2.83 0.00
DANSKAMMER___3 23590	50.96 3.07 0.00	42.51 2.29 0.00	39.40 2.02 0.00	37.53 1.96 0.00	37.61 1.99 0.00	36.55 2.00 0.00	37.24 2.07 0.00	37.40 2.05 0.00	38.60 1.98 0.00	40.01 2.05 0.00	40.57 2.13 -0.45	44.87 2.38 -0.78	46.84 2.52 -0.91	50.77 2.70 -0.59	53.84 2.92 -0.48	57.06 3.20 -0.53	62.56 2.98 0.00	76.46 3.43 0.00	79.56 3.57 0.00	79.78 3.44 0.00	70.82 2.66 0.00	61.57 2.14 0.00	57.13 2.46 0.00	53.48 2.83 0.00

DANSKAMMER___4 23591	50.96 3.07 0.00	42.51 2.29 0.00	39.40 2.02 0.00	37.53 1.96 0.00	37.61 1.99 0.00	36.55 2.00 0.00	37.24 2.07 0.00	37.40 2.05 0.00	38.60 1.98 0.00	40.01 2.05 0.00	40.57 2.13 -0.45	44.87 2.38 -0.78	46.84 2.52 -0.91	50.77 2.70 -0.59	53.84 2.92 -0.48	57.06 3.20 -0.53	62.56 2.98 0.00	76.46 3.43 0.00	79.56 3.57 0.00	79.78 3.44 0.00	70.82 2.66 0.00	61.57 2.14 0.00	57.13 2.46 0.00	53.48 2.83 0.00
DANSKAMMER___DIESEL 23592	50.96 3.07 0.00	42.51 2.29 0.00	39.40 2.02 0.00	37.57 1.99 0.00	37.65 2.03 0.00	36.58 2.04 0.00	37.25 2.08 0.00	37.40 2.05 0.00	38.61 1.98 0.00	39.97 2.01 0.00	40.53 2.09 -0.45	44.83 2.34 -0.78	46.80 2.47 -0.91	50.72 2.66 -0.59	53.84 2.93 -0.48	57.12 3.25 -0.53	62.56 2.98 0.00	76.53 3.51 0.00	79.64 3.65 0.00	79.78 3.44 0.00	70.82 2.66 0.00	61.57 2.14 0.00	57.34 2.68 0.00	53.53 2.89 0.00
DARBY___SOLAR 323810	50.00 2.11 0.00	41.87 1.65 0.00	38.91 1.53 0.00	37.10 1.53 0.00	37.18 1.57 0.00	36.03 1.48 0.00	36.68 1.51 0.00	36.77 1.42 0.00	37.73 1.10 0.00	38.91 0.95 0.00	38.19 0.68 0.49	41.59 0.71 0.83	43.25 0.82 0.98	47.65 0.81 0.63	50.93 1.01 0.51	54.09 1.33 0.57	61.07 1.49 0.00	75.36 2.34 0.00	79.03 3.04 0.00	79.78 3.44 0.00	71.24 3.07 0.00	61.99 2.55 0.00	57.07 2.40 0.00	52.98 2.33 0.00
DASHVILLE___HYD 23610	50.43 2.54 0.00	42.07 1.85 0.00	38.99 1.61 0.00	37.18 1.60 0.00	37.26 1.64 0.00	36.17 1.62 0.00	36.79 1.62 0.00	36.94 1.59 0.00	38.09 1.47 0.00	39.44 1.48 0.00	40.13 1.86 -0.27	44.27 2.09 -0.47	46.13 2.17 -0.55	50.20 2.37 -0.35	53.35 2.62 -0.29	56.53 2.88 -0.32	61.72 2.14 0.00	75.51 2.48 0.00	78.57 2.58 0.00	78.79 2.44 0.00	69.94 1.77 0.00	60.86 1.43 0.00	56.69 2.02 0.00	52.93 2.28 0.00
DELAWARE___LFGE 323621	49.48 1.58 0.00	41.55 1.33 0.00	38.58 1.20 0.00	36.75 1.17 0.00	36.79 1.18 0.00	35.72 1.17 0.00	36.37 1.20 0.00	36.52 1.17 0.00	37.54 0.92 0.00	38.91 0.95 0.00	38.98 0.99 0.00	42.80 1.08 0.00	44.58 1.17 0.00	48.80 1.33 0.00	52.00 1.56 0.00	55.09 1.76 0.00	61.37 1.79 0.00	75.14 2.12 0.00	78.19 2.20 0.00	78.48 2.14 0.00	70.14 1.98 0.00	61.04 1.60 0.00	56.30 1.64 0.00	52.42 1.77 0.00
DERFIELD_115KV_TB7 355931	48.18 0.29 0.00	40.42 0.20 0.00	37.57 0.19 0.00	35.79 0.21 0.00	35.83 0.21 0.00	34.75 0.21 0.00	35.38 0.21 0.00	35.56 0.21 0.00	36.74 0.11 0.00	38.08 0.11 0.00	38.11 0.11 0.00	41.84 0.13 0.00	43.54 0.13 0.00	47.57 0.09 0.00	50.59 0.15 0.00	53.55 0.21 0.00	59.70 0.12 0.00	73.17 0.15 0.00	76.22 0.23 0.00	76.57 0.23 0.00	68.37 0.20 0.00	59.61 0.18 0.00	54.88 0.22 0.00	50.90 0.25 0.00
DOGLEVILLE___HYD 23807	47.99 0.10 0.00	40.30 0.08 0.00	37.42 0.04 0.00	35.58 0.00 0.00	35.62 0.00 0.00	34.54 0.00 0.00	35.17 0.00 0.00	35.32 -0.04 0.00	36.48 -0.15 0.00	37.85 -0.11 0.00	37.88 -0.11 0.00	41.59 -0.13 0.00	43.32 -0.09 0.00	47.24 -0.24 0.00	50.29 -0.15 0.00	53.17 -0.16 0.00	59.28 -0.30 0.00	72.73 -0.29 0.00	75.84 -0.15 0.00	76.19 -0.15 0.00	68.17 0.00 0.00	59.49 0.06 0.00	54.67 0.00 0.00	50.70 0.05 0.00
DUNKIRK__115KV_TB_200 55889	48.42 0.53 0.00	41.91 1.69 0.00	39.10 1.72 0.00	36.50 0.92 0.00	36.54 0.93 0.00	35.41 0.86 0.00	35.73 0.56 0.00	36.45 1.10 0.00	36.96 0.33 0.00	38.19 0.23 0.00	38.30 0.30 0.00	41.93 0.21 0.00	43.58 0.17 0.00	48.61 1.14 0.00	51.60 1.16 0.00	54.99 1.65 0.00	62.50 2.92 0.00	75.65 2.63 0.00	77.81 1.82 0.00	77.87 1.53 0.00	69.26 1.09 0.00	60.80 1.37 0.00	55.54 0.87 0.00	52.47 1.82 0.00
DUNKIRK___1 23563	48.42 0.53 0.00	41.91 1.69 0.00	39.10 1.72 0.00	36.50 0.92 0.00	36.54 0.93 0.00	35.41 0.86 0.00	35.73 0.56 0.00	36.45 1.10 0.00	36.96 0.33 0.00	38.19 0.23 0.00	38.30 0.30 0.00	41.93 0.21 0.00	43.58 0.17 0.00	48.61 1.14 0.00	51.60 1.16 0.00	54.99 1.65 0.00	62.50 2.92 0.00	75.65 2.63 0.00	77.81 1.82 0.00	77.87 1.53 0.00	69.26 1.09 0.00	60.80 1.37 0.00	55.54 0.87 0.00	52.47 1.82 0.00
DUNKIRK___2 23564	48.42 0.53 0.00	41.91 1.69 0.00	39.10 1.72 0.00	36.50 0.92 0.00	36.54 0.93 0.00	35.41 0.86 0.00	35.73 0.56 0.00	36.45 1.10 0.00	36.96 0.33 0.00	38.19 0.23 0.00	38.30 0.30 0.00	41.93 0.21 0.00	43.58 0.17 0.00	48.61 1.14 0.00	51.60 1.16 0.00	54.99 1.65 0.00	62.50 2.92 0.00	75.65 2.63 0.00	77.81 1.82 0.00	77.87 1.53 0.00	69.26 1.09 0.00	60.80 1.37 0.00	55.54 0.87 0.00	52.47 1.82 0.00
DUNKIRK___3 23565	48.14 0.24 0.00	41.63 1.41 0.00	38.88 1.50 0.00	36.29 0.71 0.00	36.33 0.71 0.00	35.16 0.62 0.00	35.52 0.35 0.00	36.23 0.88 0.00	36.74 0.11 0.00	37.92 -0.04 0.00	38.03 0.04 0.00	41.63 -0.08 0.00	43.28 -0.13 0.00	48.28 0.81 0.00	51.24 0.81 0.00	54.61 1.28 0.00	62.08 2.50 0.00	75.07 2.04 0.00	77.28 1.29 0.00	77.34 0.99 0.00	68.78 0.61 0.00	60.38 0.95 0.00	55.16 0.49 0.00	52.17 1.52 0.00
DUNKIRK___4 23566	48.14 0.24 0.00	41.63 1.41 0.00	38.88 1.50 0.00	36.29 0.71 0.00	36.33 0.71 0.00	35.16 0.62 0.00	35.52 0.35 0.00	36.23 0.88 0.00	36.74 0.11 0.00	37.92 -0.04 0.00	38.03 0.04 0.00	41.63 -0.08 0.00	43.28 -0.13 0.00	48.28 0.81 0.00	51.24 0.81 0.00	54.61 1.28 0.00	62.08 2.50 0.00	75.07 2.04 0.00	77.28 1.29 0.00	77.34 0.99 0.00	68.78 0.61 0.00	60.38 0.95 0.00	55.16 0.49 0.00	52.17 1.52 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.20 3.30 0.00	42.67 2.45 0.00	39.55 2.17 0.00	37.71 2.13 0.00	37.75 2.14 0.00	36.72 2.18 0.00	37.39 2.22 0.00	37.65 2.30 0.00	38.90 2.27 0.00	40.39 2.43 0.00	41.14 2.66 -0.49	45.47 2.92 -0.83	47.39 3.00 -0.98	51.24 3.13 -0.63	54.28 3.33 -0.51	57.53 3.63 -0.57	62.74 3.16 0.00	76.46 3.43 0.00	79.41 3.42 0.00	79.47 3.13 0.00	70.48 2.32 0.00	61.33 1.90 0.00	57.23 2.57 0.00	53.48 2.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.63 2.73 0.00	42.27 2.05 0.00	39.17 1.79 0.00	37.35 1.78 0.00	37.40 1.78 0.00	36.34 1.80 0.00	37.00 1.83 0.00	37.19 1.84 0.00	38.39 1.76 0.00	39.78 1.82 0.00	40.35 1.94 -0.42	44.62 2.17 -0.73	46.48 2.21 -0.86	50.40 2.37 -0.55	53.51 2.62 -0.45	56.71 2.88 -0.50	62.14 2.56 0.00	75.95 2.92 0.00	78.95 2.96 0.00	79.09 2.75 0.00	70.28 2.11 0.00	61.10 1.66 0.00	56.91 2.24 0.00	53.13 2.48 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.58 3.69 0.00	42.99 2.78 0.00	39.81 2.43 0.00	37.96 2.38 0.00	38.04 2.42 0.00	36.93 2.38 0.00	37.67 2.50 0.00	37.90 2.55 0.00	39.16 2.53 0.00	40.66 2.70 0.00	41.40 2.93 -0.49	45.76 3.21 -0.83	47.65 3.26 -0.98	51.57 3.47 -0.63	54.68 3.73 -0.51	57.96 4.05 -0.57	63.04 3.46 -0.01	76.68 3.65 -0.01	79.65 3.65 -0.01	79.55 3.21 0.00	70.48 2.32 0.00	61.63 2.20 0.00	57.73 3.06 0.00	53.89 3.24 0.00

E179THST_13_KV_LOAD 356214	51.87 3.98 0.00	43.24 3.02 0.00	40.03 2.65 0.00	38.17 2.60 0.00	38.22 2.60 0.00	37.13 2.59 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.85 2.89 0.00	41.63 3.15 -0.49	46.01 3.46 -0.83	47.95 3.56 -0.98	51.90 3.80 -0.63	55.04 4.09 -0.51	58.33 4.43 -0.57	63.52 3.93 -0.01	77.20 4.16 -0.01	80.18 4.18 -0.01	80.08 3.74 0.00	70.96 2.79 0.00	62.04 2.61 0.00	58.11 3.44 0.00	54.24 3.60 0.00
EAST HAMPTON___GT 23717	53.07 5.17 0.00	44.28 4.06 0.00	40.86 3.48 0.00	38.49 2.92 0.00	38.40 2.78 0.00	37.65 3.11 0.00	38.86 3.69 0.00	38.71 3.36 0.00	40.80 4.17 0.00	43.20 5.24 0.00	44.26 5.77 -0.49	49.03 6.47 -0.84	50.39 5.99 -0.98	53.04 5.03 -0.54	56.83 6.10 -0.29	59.81 6.45 -0.03	66.37 6.79 0.00	79.72 7.45 0.76	82.01 6.61 0.59	80.90 5.65 1.09	60.37 3.20 11.00	54.48 1.90 6.86	49.79 1.64 6.52	49.98 2.68 3.35
EAST RIVER___6 23660	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.86 2.25 0.00	36.76 2.21 0.00	37.53 2.36 0.00	37.76 2.41 0.00	39.08 2.45 0.00	40.62 2.66 0.00	41.36 2.89 -0.49	45.76 3.21 -0.83	47.78 3.39 -0.98	51.57 3.46 -0.63	54.63 3.68 -0.51	57.91 4.00 -0.57	62.91 3.33 0.00	76.53 3.51 0.00	79.49 3.50 0.00	79.55 3.21 0.00	70.55 2.38 0.00	61.33 1.90 0.00	57.13 2.46 0.00	53.58 2.94 0.00
EAST RIVER___7 23524	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.86 2.25 0.00	36.76 2.21 0.00	37.53 2.36 0.00	37.76 2.41 0.00	39.08 2.45 0.00	40.62 2.66 0.00	41.36 2.89 -0.49	45.76 3.21 -0.83	47.78 3.39 -0.98	51.57 3.46 -0.63	54.63 3.68 -0.51	57.91 4.00 -0.57	62.91 3.33 0.00	76.53 3.51 0.00	79.49 3.50 0.00	79.55 3.21 0.00	70.55 2.38 0.00	61.33 1.90 0.00	57.13 2.46 0.00	53.58 2.94 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.01 3.11 0.00	42.51 2.29 0.00	39.44 2.06 0.00	37.60 2.03 0.00	37.65 2.03 0.00	36.58 2.04 0.00	37.28 2.11 0.00	37.51 2.16 0.00	38.75 2.12 0.00	40.24 2.28 0.00	40.95 2.47 -0.49	45.30 2.75 -0.83	47.17 2.78 -0.98	51.00 2.90 -0.63	54.08 3.13 -0.51	57.26 3.36 -0.57	62.50 2.92 0.00	76.17 3.14 0.00	79.18 3.19 0.00	79.24 2.90 0.00	70.28 2.11 0.00	61.15 1.72 0.00	57.02 2.35 0.00	53.28 2.63 0.00
EAST_HAMPTON___DIESEL 23722	53.02 5.13 0.00	44.24 4.02 0.00	40.86 3.48 0.00	38.49 2.92 0.00	38.36 2.74 0.00	37.65 3.11 0.00	38.86 3.69 0.00	38.71 3.36 0.00	40.80 4.17 0.00	43.20 5.24 0.00	44.30 5.81 -0.49	49.03 6.47 -0.84	50.39 5.99 -0.98	52.99 4.98 -0.54	56.83 6.10 -0.29	59.81 6.45 -0.03	66.31 6.73 0.00	79.72 7.45 0.76	81.94 6.54 0.59	80.83 5.57 1.09	60.24 3.07 11.00	54.36 1.78 6.86	49.68 1.53 6.52	49.88 2.58 3.35
EAST_POINT___SOLAR 323840	51.82 3.93 0.00	43.40 3.18 0.00	40.26 2.88 0.00	38.32 2.74 0.00	38.40 2.78 0.00	37.17 2.62 0.00	37.24 2.07 0.00	36.48 1.13 0.00	36.85 0.22 0.00	38.04 0.08 0.00	37.75 0.04 0.28	41.03 -0.21 0.48	43.02 0.17 0.56	47.49 0.38 0.36	50.80 0.65 0.29	53.81 0.80 0.33	60.35 0.77 0.00	75.65 2.63 0.00	80.55 4.56 0.00	83.22 6.87 0.00	75.12 6.96 0.00	65.26 5.83 0.00	60.03 5.36 0.00	55.51 4.86 0.00
EAST_PULASKI___ESR 323781	47.61 -0.29 0.00	40.14 -0.08 0.00	37.31 -0.07 0.00	35.40 -0.18 0.00	35.44 -0.18 0.00	34.30 -0.24 0.00	34.85 -0.32 0.00	35.03 -0.32 0.00	36.04 -0.59 0.00	37.43 -0.53 0.00	37.50 -0.49 0.00	41.17 -0.54 0.00	42.85 -0.57 0.00	47.00 -0.47 0.00	50.03 -0.41 0.00	53.01 -0.32 0.00	59.34 -0.24 0.00	72.81 -0.22 0.00	76.14 0.15 0.00	76.73 0.38 0.00	68.78 0.61 0.00	60.43 0.59 -0.40	55.21 0.55 0.00	51.10 0.45 0.00
EAST_RIVER___1 323558	51.53 3.64 0.00	42.91 2.69 0.00	39.74 2.36 0.00	37.85 2.28 0.00	37.93 2.31 0.00	36.86 2.31 0.00	37.60 2.42 0.00	37.86 2.51 0.00	39.15 2.53 0.00	40.70 2.73 0.00	41.44 2.97 -0.49	45.85 3.29 -0.83	47.82 3.43 -0.98	51.67 3.56 -0.63	54.74 3.78 -0.51	57.96 4.05 -0.57	63.03 3.45 0.00	76.75 3.72 0.00	79.64 3.65 0.00	79.70 3.36 0.00	70.69 2.52 0.00	61.45 2.02 0.00	57.23 2.57 0.00	53.69 3.04 0.00
EAST_RIVER___2 323559	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.86 2.25 0.00	36.76 2.21 0.00	37.53 2.36 0.00	37.76 2.41 0.00	39.08 2.45 0.00	40.62 2.66 0.00	41.36 2.89 -0.49	45.76 3.21 -0.83	47.78 3.39 -0.98	51.57 3.46 -0.63	54.63 3.68 -0.51	57.91 4.00 -0.57	62.91 3.33 0.00	76.53 3.51 0.00	79.49 3.50 0.00	79.55 3.21 0.00	70.55 2.38 0.00	61.33 1.90 0.00	57.13 2.46 0.00	53.58 2.94 0.00
EAST___DELAWARE_HYD 23607	50.48 2.58 0.00	42.15 1.93 0.00	39.06 1.68 0.00	37.18 1.60 0.00	37.26 1.64 0.00	36.20 1.66 0.00	36.86 1.69 0.00	37.01 1.66 0.00	38.20 1.57 0.00	39.56 1.59 0.00	40.04 1.71 -0.34	44.18 1.88 -0.58	46.09 2.00 -0.68	50.10 2.18 -0.44	53.27 2.47 -0.36	56.50 2.77 -0.40	62.20 2.62 0.00	76.09 3.07 0.00	79.33 3.34 0.00	79.55 3.21 0.00	70.76 2.59 0.00	61.45 2.02 0.00	56.96 2.30 0.00	53.23 2.58 0.00
EIGHT_POINT___WT_PWR 323820	48.85 0.96 0.00	41.83 1.61 0.00	38.99 1.61 0.00	36.68 1.10 0.00	36.65 1.03 0.00	35.48 0.93 0.00	35.84 0.67 0.00	36.27 0.92 0.00	36.77 0.15 0.00	37.96 0.00 0.00	37.95 -0.04 0.00	41.72 0.00 0.00	43.24 -0.17 0.00	48.00 0.52 0.00	50.94 0.50 0.00	54.24 0.91 0.00	61.31 1.73 0.00	74.92 1.90 0.00	77.89 1.90 0.00	78.48 2.13 0.00	70.21 2.04 0.00	61.39 1.96 0.00	56.69 2.02 0.00	52.87 2.23 0.00
ELBRIDGE_115KV_TB2 80188	47.51 -0.38 0.00	40.10 -0.12 0.00	37.27 -0.11 0.00	35.40 -0.18 0.00	35.40 -0.21 0.00	34.30 -0.24 0.00	34.89 -0.28 0.00	35.17 -0.18 0.00	36.19 -0.44 0.00	37.55 -0.42 0.00	37.57 -0.42 0.00	41.30 -0.42 0.00	42.98 -0.43 0.00	47.24 -0.24 0.00	50.24 -0.20 0.00	53.39 0.05 0.00	59.82 0.24 0.00	73.17 0.15 0.00	76.14 0.15 0.00	76.50 0.15 0.00	68.37 0.20 0.00	59.55 0.12 0.00	54.72 0.05 0.00	50.90 0.25 0.00
ELEC_TRO_TEK 24086	51.39 3.50 0.00	42.79 2.57 0.00	39.47 2.09 0.00	37.64 2.06 0.00	37.58 1.96 0.00	36.68 2.14 0.00	37.39 2.22 0.00	37.51 2.16 0.00	39.01 2.38 0.00	40.92 2.96 0.00	41.59 3.12 -0.49	45.97 3.42 -0.83	47.52 3.13 -0.98	50.81 2.71 -0.63	54.25 3.28 -0.54	57.37 3.47 -0.57	62.68 3.10 0.00	76.09 3.07 0.00	78.88 2.89 0.00	78.86 2.52 0.00	66.87 1.57 2.86	58.97 1.25 1.71	54.89 1.80 1.58	51.99 2.13 0.79
ELLENBURG_WT_PWR 323604	47.61 -0.29 0.00	39.90 -0.32 0.00	37.04 -0.34 0.00	35.18 -0.39 0.00	35.23 -0.39 0.00	34.20 -0.35 0.00	34.89 -0.28 0.00	34.96 -0.39 0.00	36.55 -0.07 0.00	38.00 0.04 0.00	37.99 0.00 0.00	41.72 0.00 0.00	43.45 0.04 0.00	47.47 0.00 0.00	49.98 -0.45 0.00	52.37 -0.96 0.00	58.69 -0.89 0.00	72.30 -0.73 0.00	75.38 -0.61 0.00	75.96 -0.38 0.00	68.10 -0.07 0.00	59.67 -0.06 -0.29	54.23 -0.44 0.00	50.09 -0.56 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	47.46 -0.43 0.00	41.18 0.97 0.00	38.46 1.08 0.00	35.90 0.32 0.00	35.94 0.32 0.00	34.75 0.21 0.00	35.10 -0.07 0.00	35.85 0.49 0.00	36.33 -0.29 0.00	37.43 -0.53 0.00	37.54 -0.46 0.00	41.09 -0.63 0.00	42.67 -0.74 0.00	47.66 0.19 0.00	50.54 0.10 0.00	53.87 0.53 0.00	61.25 1.67 0.00	74.12 1.10 0.00	76.37 0.38 0.00	76.50 0.15 0.00	67.96 -0.20 0.00	59.67 0.24 0.00	54.50 -0.16 0.00	51.56 0.91 0.00
EMPIRE_CC_1 323656	49.47 1.58 0.00	41.31 1.09 0.00	38.50 1.12 0.00	36.75 1.17 0.00	36.79 1.17 0.00	35.68 1.14 0.00	36.30 1.13 0.00	36.48 1.13 0.00	37.58 0.95 0.00	38.84 0.87 0.00	38.01 0.76 0.74	41.28 0.83 1.27	42.78 0.87 1.50	47.17 0.66 0.96	50.41 0.76 0.78	53.37 0.91 0.87	60.24 0.66 0.00	73.90 0.88 0.00	76.91 0.92 0.00	77.26 0.92 0.00	68.78 0.61 0.00	60.03 0.59 0.00	55.37 0.71 0.00	51.56 0.91 0.00
EMPIRE_CC_2 323658	49.47 1.58 0.00	41.31 1.09 0.00	38.50 1.12 0.00	36.75 1.17 0.00	36.79 1.17 0.00	35.68 1.14 0.00	36.30 1.13 0.00	36.48 1.13 0.00	37.58 0.95 0.00	38.84 0.87 0.00	38.01 0.76 0.74	41.28 0.83 1.27	42.78 0.87 1.50	47.17 0.66 0.96	50.41 0.76 0.78	53.37 0.91 0.87	60.24 0.66 0.00	73.90 0.88 0.00	76.91 0.92 0.00	77.26 0.92 0.00	68.78 0.61 0.00	60.03 0.59 0.00	55.37 0.71 0.00	51.56 0.91 0.00
ENORWICH_115KV_TB1 80156	51.25 3.35 0.00	43.40 3.18 0.00	40.26 2.88 0.00	38.07 2.49 0.00	38.04 2.42 0.00	36.96 2.42 0.00	37.70 2.53 0.00	37.72 2.37 0.00	38.42 1.79 0.00	39.63 1.67 0.00	39.55 1.56 0.00	43.43 1.71 0.00	45.36 1.95 0.00	49.94 2.47 0.00	53.51 3.08 0.00	57.07 3.73 0.00	64.23 4.65 0.00	78.87 5.84 0.00	82.83 6.84 0.00	83.44 7.10 0.00	75.05 6.88 0.00	65.14 5.71 0.00	59.42 4.76 0.00	55.21 4.56 0.00
ERIE_ST__34_KV_TB1-2 80199	47.80 -0.10 0.00	41.35 1.13 0.00	38.58 1.20 0.00	35.97 0.39 0.00	36.04 0.43 0.00	34.92 0.38 0.00	35.24 0.07 0.00	35.99 0.64 0.00	36.52 -0.11 0.00	37.66 -0.30 0.00	37.84 -0.15 0.00	41.43 -0.29 0.00	43.06 -0.35 0.00	48.09 0.62 0.00	51.09 0.66 0.00	54.51 1.17 0.00	61.96 2.38 0.00	74.92 1.90 0.00	77.05 1.06 0.00	77.11 0.76 0.00	68.51 0.34 0.00	60.14 0.71 0.00	54.99 0.33 0.00	51.96 1.32 0.00
ERIE_WT_PWR 323693	47.80 -0.10 0.00	41.42 1.21 0.00	38.65 1.27 0.00	36.18 0.60 0.00	36.12 0.50 0.00	34.96 0.42 0.00	35.28 0.11 0.00	36.02 0.67 0.00	36.55 -0.07 0.00	37.70 -0.26 0.00	37.73 -0.26 0.00	41.51 -0.21 0.00	42.93 -0.48 0.00	47.95 0.47 0.00	50.89 0.45 0.00	54.24 0.91 0.00	61.66 2.08 0.00	74.71 1.68 0.00	76.98 0.99 0.00	76.95 0.61 0.00	68.44 0.27 0.00	60.20 0.77 0.00	55.81 1.15 0.00	52.06 1.42 0.00
ESPRGFLD_115KV_TB1 80157	50.82 2.92 0.00	42.67 2.45 0.00	39.59 2.21 0.00	37.64 2.06 0.00	37.68 2.07 0.00	36.58 2.04 0.00	37.14 1.97 0.00	37.12 1.77 0.00	37.95 1.32 0.00	39.25 1.29 0.00	39.12 1.29 0.17	42.81 1.38 0.29	44.68 1.61 0.34	49.20 1.95 0.22	52.58 2.32 0.18	55.80 2.67 0.20	62.56 2.98 0.00	77.19 4.16 0.00	80.85 4.86 0.00	81.76 5.42 0.00	73.35 5.18 0.00	63.71 4.28 0.00	58.55 3.88 0.00	54.34 3.70 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.76 0.86 0.00	41.18 0.97 0.00	38.28 0.90 0.00	36.29 0.71 0.00	36.33 0.71 0.00	35.20 0.66 0.00	35.77 0.60 0.00	36.06 0.71 0.00	36.96 0.33 0.00	38.27 0.30 0.00	38.26 0.27 0.00	42.05 0.33 0.00	43.76 0.35 0.00	48.14 0.66 0.00	51.24 0.81 0.00	54.51 1.17 0.00	61.25 1.67 0.00	75.07 2.04 0.00	78.27 2.28 0.00	78.79 2.44 0.00	70.48 2.32 0.00	61.33 1.90 0.00	56.36 1.69 0.00	52.37 1.72 0.00
ETNA____115KV_TB2 80207	48.76 0.86 0.00	41.18 0.97 0.00	38.28 0.90 0.00	36.29 0.71 0.00	36.33 0.71 0.00	35.20 0.66 0.00	35.77 0.60 0.00	36.06 0.71 0.00	36.96 0.33 0.00	38.27 0.30 0.00	38.26 0.27 0.00	42.05 0.33 0.00	43.76 0.35 0.00	48.14 0.66 0.00	51.24 0.81 0.00	54.51 1.17 0.00	61.25 1.67 0.00	75.07 2.04 0.00	78.27 2.28 0.00	78.79 2.44 0.00	70.48 2.32 0.00	61.33 1.90 0.00	56.36 1.69 0.00	52.37 1.72 0.00
EUCLID__115KV_TB2 356179	47.18 -0.72 0.00	39.82 -0.40 0.00	37.04 -0.34 0.00	35.15 -0.43 0.00	35.19 -0.43 0.00	34.09 -0.45 0.00	34.68 -0.49 0.00	34.96 -0.39 0.00	36.01 -0.62 0.00	37.36 -0.61 0.00	37.38 -0.61 0.00	41.05 -0.67 0.00	42.72 -0.69 0.00	46.90 -0.57 0.00	49.93 -0.50 0.00	52.96 -0.37 0.00	59.34 -0.24 0.00	72.59 -0.44 0.00	75.46 -0.53 0.00	75.81 -0.53 0.00	67.76 -0.41 0.00	59.02 -0.42 0.00	54.28 -0.38 0.00	50.44 -0.20 0.00
E_CANADA_CAP_HY 24051	51.53 3.64 0.00	43.20 2.98 0.00	40.07 2.69 0.00	38.14 2.56 0.00	38.22 2.60 0.00	37.03 2.49 0.00	37.49 2.32 0.00	37.26 1.91 0.00	37.94 1.32 0.00	39.14 1.18 0.00	38.88 1.14 0.25	42.42 1.13 0.43	44.29 1.39 0.51	48.81 1.66 0.33	52.19 2.02 0.26	55.38 2.34 0.29	62.20 2.62 0.00	77.33 4.31 0.00	81.46 5.47 0.00	82.98 6.64 0.00	74.51 6.34 0.00	64.72 5.29 0.00	59.48 4.81 0.00	55.11 4.46 0.00
E_CANADA_MHWK_HY 24050	47.99 0.10 0.00	40.30 0.08 0.00	37.42 0.04 0.00	35.58 0.00 0.00	35.62 0.00 0.00	34.54 0.00 0.00	35.17 0.00 0.00	35.32 -0.04 0.00	36.48 -0.15 0.00	37.81 -0.15 0.00	37.88 -0.11 0.00	41.59 -0.12 0.00	43.28 -0.13 0.00	47.24 -0.24 0.00	50.29 -0.15 0.00	53.17 -0.16 0.00	59.28 -0.30 0.00	72.73 -0.29 0.00	75.84 -0.15 0.00	76.27 -0.08 0.00	68.17 0.00 0.00	59.49 0.06 0.00	54.67 0.00 0.00	50.70 0.05 0.00
E_FISHKILL__LBMP 23776	50.39 2.49 0.00	42.03 1.81 0.00	38.99 1.61 0.00	37.21 1.64 0.00	37.26 1.64 0.00	36.20 1.66 0.00	36.86 1.69 0.00	37.08 1.73 0.00	38.28 1.65 0.00	39.67 1.71 0.00	40.32 1.82 -0.50	44.62 2.04 -0.86	46.46 2.04 -1.01	50.21 2.09 -0.65	53.24 2.27 -0.53	56.43 2.51 -0.59	61.61 2.03 0.00	75.29 2.26 0.00	78.27 2.28 0.00	78.40 2.06 0.00	69.60 1.43 0.00	60.62 1.19 0.00	56.41 1.75 0.00	52.67 2.03 0.00
FALCON__SEABRD_CC1 323796	47.94 0.05 0.00	40.22 0.00 0.00	37.31 -0.07 0.00	35.40 -0.18 0.00	35.48 -0.14 0.00	34.44 -0.10 0.00	35.10 -0.07 0.00	35.21 -0.14 0.00	36.77 0.15 0.00	38.23 0.27 0.00	38.22 0.23 0.00	41.97 0.25 0.00	43.72 0.31 0.00	47.81 0.33 0.00	49.93 -0.50 0.00	52.05 -1.28 0.00	58.33 -1.25 0.00	72.00 -1.02 0.00	75.00 -0.99 0.00	75.65 -0.69 0.00	67.89 -0.27 0.00	59.54 -0.24 -0.35	54.01 -0.65 0.00	50.14 -0.51 0.00
FALCON__SEABRD_CC2 323797	47.94 0.05 0.00	40.22 0.00 0.00	37.31 -0.07 0.00	35.40 -0.18 0.00	35.48 -0.14 0.00	34.44 -0.10 0.00	35.10 -0.07 0.00	35.21 -0.14 0.00	36.77 0.15 0.00	38.23 0.27 0.00	38.22 0.23 0.00	41.97 0.25 0.00	43.72 0.31 0.00	47.81 0.33 0.00	49.93 -0.50 0.00	52.05 -1.28 0.00	58.33 -1.25 0.00	72.00 -1.02 0.00	75.00 -0.99 0.00	75.65 -0.69 0.00	67.89 -0.27 0.00	59.54 -0.24 -0.35	54.01 -0.65 0.00	50.14 -0.51 0.00

FAR ROCKAWAY___4 23548	52.35 4.45 0.00	43.56 3.34 0.00	40.11 2.73 0.00	38.21 2.63 0.00	38.15 2.53 0.00	37.24 2.69 0.00	37.91 2.74 0.00	38.07 2.72 0.00	39.63 3.00 0.00	41.61 3.64 0.00	42.35 3.88 -0.49	46.85 4.30 -0.83	48.47 4.08 -0.98	51.90 3.80 -0.63	55.51 4.49 -0.59	58.65 4.75 -0.57	64.17 4.59 0.00	77.99 4.97 0.00	80.78 4.79 0.00	80.77 4.43 0.00	70.19 3.14 1.12	61.32 2.56 0.67	56.94 2.95 0.67	53.49 3.19 0.35
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.54 3.64 0.00	42.91 2.69 0.00	39.74 2.35 0.00	37.89 2.31 0.00	37.93 2.32 0.00	36.89 2.35 0.00	37.60 2.43 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.66 2.70 0.00	41.44 2.96 -0.49	45.85 3.30 -0.83	47.78 3.39 -0.98	51.71 3.61 -0.63	54.73 3.78 -0.51	57.96 4.05 -0.57	63.04 3.46 0.00	76.75 3.72 0.00	79.71 3.72 0.00	79.70 3.36 0.00	70.69 2.52 0.00	61.51 2.08 0.00	57.51 2.84 0.00	53.74 3.09 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.54 3.64 0.00	42.91 2.69 0.00	39.74 2.35 0.00	37.89 2.31 0.00	37.93 2.32 0.00	36.89 2.35 0.00	37.60 2.43 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.66 2.70 0.00	41.44 2.96 -0.49	45.85 3.30 -0.83	47.78 3.39 -0.98	51.71 3.61 -0.63	54.73 3.78 -0.51	57.96 4.05 -0.57	63.04 3.46 0.00	76.75 3.72 0.00	79.71 3.72 0.00	79.70 3.36 0.00	70.69 2.52 0.00	61.51 2.08 0.00	57.51 2.84 0.00	53.74 3.09 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.49 3.59 0.00	42.87 2.65 0.00	39.70 2.32 0.00	37.85 2.28 0.00	37.90 2.28 0.00	36.86 2.31 0.00	37.56 2.39 0.00	37.83 2.47 0.00	39.12 2.49 0.00	40.62 2.66 0.00	41.40 2.93 -0.49	45.81 3.25 -0.83	47.74 3.34 -0.98	51.62 3.51 -0.63	54.68 3.73 -0.51	57.90 4.00 -0.57	62.98 3.40 0.00	76.68 3.65 0.00	79.64 3.65 0.00	79.63 3.28 0.00	70.62 2.45 0.00	61.45 2.02 0.00	57.45 2.79 0.00	53.69 3.04 0.00
FARRAGUT___LBMP 323566	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.90 2.28 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.08 2.45 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.76 3.21 -0.83	47.69 3.30 -0.98	51.62 3.51 -0.63	54.63 3.68 -0.51	57.85 3.95 -0.57	62.92 3.34 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.64 2.99 0.00
FENNER___WINDPWR 24204	48.80 0.91 0.00	41.14 0.93 0.00	38.20 0.82 0.00	36.29 0.71 0.00	36.29 0.68 0.00	35.23 0.69 0.00	35.84 0.67 0.00	35.99 0.64 0.00	37.07 0.44 0.00	38.38 0.42 0.00	38.41 0.42 0.00	42.18 0.46 0.00	43.93 0.52 0.00	48.14 0.66 0.00	51.29 0.86 0.00	54.45 1.12 0.00	60.95 1.37 0.00	74.78 1.75 0.00	78.04 2.05 0.00	78.63 2.29 0.00	70.35 2.18 0.00	61.53 1.90 -0.19	56.30 1.64 0.00	52.17 1.52 0.00
FIBERTEK___ENERGY 23856	47.66 -0.24 0.00	40.22 0.00 0.00	37.42 0.04 0.00	35.50 -0.07 0.00	35.55 -0.07 0.00	34.44 -0.10 0.00	34.99 -0.18 0.00	35.28 -0.07 0.00	36.33 -0.29 0.00	37.70 -0.27 0.00	37.76 -0.23 0.00	41.47 -0.25 0.00	43.15 -0.26 0.00	47.43 -0.05 0.00	50.49 0.05 0.00	53.65 0.32 0.00	60.12 0.54 0.00	73.54 0.51 0.00	76.52 0.53 0.00	76.88 0.53 0.00	68.71 0.55 0.00	59.85 0.42 0.00	54.99 0.33 0.00	51.10 0.46 0.00
FITZPATRICK___ 23598	46.51 -1.39 0.00	39.22 -1.00 0.00	36.48 -0.90 0.00	34.65 -0.93 0.00	34.66 -0.96 0.00	33.61 -0.93 0.00	34.19 -0.98 0.00	34.43 -0.92 0.00	35.53 -1.10 0.00	36.82 -1.14 0.00	36.85 -1.14 0.00	40.51 -1.21 0.00	42.11 -1.30 0.00	46.19 -1.28 0.00	49.13 -1.31 0.00	52.11 -1.22 0.00	58.33 -1.25 0.00	71.35 -1.68 0.00	74.25 -1.74 0.00	74.51 -1.83 0.00	66.60 -1.57 0.00	58.07 -1.36 0.00	53.51 -1.15 0.00	49.63 -1.01 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.10 3.21 0.00	42.59 2.37 0.00	39.47 2.09 0.00	37.64 2.06 0.00	37.72 2.10 0.00	36.65 2.11 0.00	37.32 2.15 0.00	37.47 2.12 0.00	38.68 2.05 0.00	40.05 2.09 0.00	40.62 2.17 -0.46	44.93 2.42 -0.79	46.90 2.56 -0.93	50.87 2.80 -0.60	54.00 3.08 -0.49	57.24 3.36 -0.54	62.68 3.10 0.00	76.68 3.65 0.00	79.87 3.88 0.00	80.01 3.66 0.00	71.03 2.86 0.00	61.75 2.32 0.00	57.45 2.79 0.00	53.64 2.99 0.00
FORT ORANGE___ 23900	49.38 1.49 0.00	41.26 1.04 0.00	38.43 1.05 0.00	36.68 1.10 0.00	36.76 1.14 0.00	35.68 1.14 0.00	36.30 1.13 0.00	36.41 1.06 0.00	37.47 0.84 0.00	38.72 0.76 0.00	38.40 0.76 0.36	41.90 0.79 0.61	43.56 0.87 0.72	47.15 0.14 0.46	50.32 0.25 0.38	53.34 0.42 0.42	59.70 0.12 0.00	73.32 0.29 0.00	76.53 0.54 0.00	76.95 0.61 0.00	68.51 0.34 0.00	59.73 0.30 0.00	55.10 0.44 0.00	51.26 0.61 0.00
FORT_DRUM_COGEN 23780	49.43 1.53 0.00	41.75 1.53 0.00	38.69 1.31 0.00	36.64 1.07 0.00	36.69 1.07 0.00	35.58 1.04 0.00	36.26 1.09 0.00	36.13 0.78 0.00	37.07 0.44 0.00	38.42 0.46 0.00	38.37 0.38 0.00	42.05 0.33 0.00	43.89 0.48 0.00	47.90 0.43 0.00	51.09 0.66 0.00	54.08 0.75 0.00	60.65 1.07 0.00	74.85 1.83 0.00	79.26 3.27 0.00	80.47 4.12 0.00	72.80 4.64 0.00	64.96 4.22 -1.31	57.94 3.28 0.00	53.48 2.84 0.00
FOX_HILLS___ESR 323835	51.97 4.07 0.00	43.28 3.06 0.00	40.07 2.69 0.00	38.17 2.60 0.00	38.22 2.60 0.00	37.13 2.59 0.00	37.84 2.67 0.00	38.07 2.72 0.00	39.34 2.71 0.00	40.85 2.89 0.00	41.67 3.19 -0.49	46.10 3.55 -0.83	48.04 3.65 -0.98	52.00 3.89 -0.63	55.14 4.19 -0.51	58.38 4.48 -0.57	63.34 3.75 -0.01	77.05 4.02 -0.01	79.94 3.95 0.00	79.70 3.36 0.00	70.62 2.45 0.00	61.82 2.38 -0.01	58.00 3.33 0.00	54.19 3.55 0.00
FPL_FAR_ROCK_GT1 24212	52.30 4.40 0.00	43.56 3.34 0.00	40.19 2.80 0.00	38.06 2.49 0.00	38.00 2.39 0.00	37.10 2.56 0.00	37.92 2.75 0.00	38.07 2.72 0.00	39.70 3.08 0.00	41.69 3.72 0.00	42.40 3.91 -0.49	46.90 4.34 -0.84	48.73 4.34 -0.98	51.81 3.71 -0.63	55.51 4.49 -0.59	58.65 4.74 -0.57	64.23 4.65 0.00	77.92 4.89 0.00	80.78 4.79 0.00	80.69 4.35 0.00	70.25 3.20 1.12	61.31 2.55 0.67	56.72 2.73 0.67	53.49 3.19 0.35
FPL_FAR_ROCK_GT2 23815	52.30 4.40 0.00	43.56 3.34 0.00	40.19 2.80 0.00	38.06 2.49 0.00	38.00 2.39 0.00	37.10 2.56 0.00	37.92 2.75 0.00	38.07 2.72 0.00	39.70 3.08 0.00	41.69 3.72 0.00	42.40 3.91 -0.49	46.90 4.34 -0.84	48.73 4.34 -0.98	51.81 3.71 -0.63	55.51 4.49 -0.59	58.65 4.74 -0.57	64.23 4.65 0.00	77.92 4.89 0.00	80.78 4.79 0.00	80.69 4.35 0.00	70.25 3.20 1.12	61.31 2.55 0.67	56.72 2.73 0.67	53.49 3.19 0.35
FRANKLIN_FALL_HYD 24054	48.37 0.48 0.00	40.58 0.36 0.00	37.64 0.26 0.00	35.72 0.14 0.00	35.79 0.18 0.00	34.79 0.24 0.00	35.45 0.28 0.00	35.53 0.18 0.00	37.10 0.48 0.00	38.57 0.61 0.00	38.60 0.61 0.00	42.34 0.63 0.00	44.11 0.69 0.00	48.23 0.76 0.00	50.74 0.30 0.00	53.23 -0.11 0.00	59.76 0.18 0.00	73.83 0.80 0.00	76.98 0.99 0.00	77.64 1.30 0.00	69.94 1.77 0.00	62.70 1.49 -1.79	55.48 0.82 0.00	51.15 0.51 0.00

FREEPORT_EQUS_GT1 23764	51.73 3.83 0.00	43.03 2.81 0.00	39.70 2.32 0.00	37.60 2.03 0.00	37.57 1.96 0.00	36.69 2.14 0.00	37.53 2.36 0.00	37.68 2.33 0.00	39.30 2.67 0.00	41.26 3.30 0.00	41.98 3.49 -0.49	46.39 3.84 -0.84	48.13 3.73 -0.98	51.05 2.94 -0.63	54.63 3.68 -0.51	57.79 3.89 -0.57	63.21 3.63 0.00	76.46 3.43 0.00	79.18 3.19 0.00	79.17 2.83 0.00	62.23 1.77 7.71	56.40 1.54 4.57	52.62 1.86 3.91	51.17 2.38 1.85
FREEPORT___CT2 23818	51.73 3.83 0.00	43.03 2.81 0.00	39.70 2.32 0.00	37.60 2.03 0.00	37.57 1.96 0.00	36.69 2.14 0.00	37.53 2.36 0.00	37.68 2.33 0.00	39.30 2.67 0.00	41.26 3.30 0.00	41.98 3.49 -0.49	46.39 3.84 -0.84	48.13 3.73 -0.98	51.05 2.94 -0.63	54.63 3.68 -0.51	57.79 3.89 -0.57	63.21 3.63 0.00	76.46 3.43 0.00	79.18 3.19 0.00	79.17 2.83 0.00	62.23 1.77 7.71	56.40 1.54 4.57	52.62 1.86 3.91	51.17 2.38 1.85
FRESHKLS_33_KV_LOAD 356253	52.11 4.21 0.00	43.40 3.18 0.00	40.18 2.80 0.00	38.28 2.70 0.00	38.32 2.71 0.00	37.20 2.66 0.00	37.91 2.74 0.00	38.14 2.79 0.00	39.41 2.78 0.00	40.92 2.96 0.00	41.75 3.27 -0.49	46.18 3.63 -0.83	48.17 3.78 -0.98	52.09 3.99 -0.63	55.29 4.34 -0.51	58.49 4.59 -0.57	63.58 3.99 -0.01	77.34 4.31 -0.01	80.25 4.26 0.00	80.01 3.66 0.00	70.82 2.66 0.00	61.99 2.56 -0.01	58.16 3.50 0.00	54.40 3.75 0.00
FULTON COGEN____ 23766	47.13 -0.77 0.00	39.74 -0.48 0.00	36.93 -0.45 0.00	35.08 -0.50 0.00	35.12 -0.50 0.00	34.03 -0.52 0.00	34.57 -0.60 0.00	34.86 -0.49 0.00	35.93 -0.70 0.00	37.24 -0.72 0.00	37.31 -0.68 0.00	40.97 -0.75 0.00	42.63 -0.78 0.00	46.81 -0.66 0.00	49.83 -0.61 0.00	52.85 -0.48 0.00	59.22 -0.36 0.00	72.44 -0.58 0.00	75.46 -0.53 0.00	75.81 -0.53 0.00	67.76 -0.41 0.00	59.07 -0.36 0.00	54.28 -0.38 0.00	50.44 -0.20 0.00
FULTON___LFGE 323630	51.39 3.49 0.00	43.03 2.81 0.00	39.92 2.54 0.00	38.00 2.42 0.00	38.07 2.46 0.00	36.89 2.35 0.00	37.39 2.22 0.00	37.22 1.87 0.00	37.98 1.36 0.00	39.18 1.21 0.00	38.85 1.14 0.28	42.40 1.17 0.49	44.22 1.39 0.57	48.72 1.61 0.37	52.05 1.92 0.30	55.24 2.24 0.33	62.14 2.56 0.00	77.19 4.16 0.00	81.31 5.32 0.00	82.68 6.33 0.00	74.17 6.00 0.00	64.36 4.93 0.00	59.20 4.53 0.00	54.85 4.20 0.00
G.F.CEMENT___DRP 24184	50.10 2.20 0.00	41.95 1.73 0.00	38.95 1.57 0.00	37.11 1.53 0.00	37.18 1.57 0.00	36.06 1.52 0.00	36.72 1.55 0.00	36.80 1.45 0.00	38.46 1.83 0.00	39.75 1.78 0.00	38.92 1.37 0.44	42.51 1.54 0.75	44.22 1.69 0.88	47.76 0.85 0.57	50.99 1.01 0.46	54.21 1.39 0.51	61.19 1.61 0.00	75.73 2.70 0.00	79.79 3.80 0.00	80.69 4.35 0.00	72.12 3.95 0.00	62.64 3.21 0.00	57.73 3.06 0.00	53.38 2.73 0.00
GARDENVILLE___LBMP 24039	47.66 -0.24 0.00	41.30 1.09 0.00	38.58 1.20 0.00	35.97 0.39 0.00	36.01 0.39 0.00	34.85 0.31 0.00	35.21 0.04 0.00	35.92 0.57 0.00	36.41 -0.22 0.00	37.51 -0.46 0.00	37.65 -0.34 0.00	41.18 -0.54 0.00	42.80 -0.61 0.00	47.76 0.28 0.00	50.69 0.25 0.00	54.03 0.69 0.00	61.43 1.85 0.00	74.34 1.31 0.00	76.60 0.61 0.00	76.72 0.38 0.00	68.17 0.00 0.00	59.85 0.42 0.00	54.67 0.00 0.00	51.71 1.06 0.00
GARDNVLA_35_KV_LD 355827	47.80 -0.10 0.00	41.47 1.25 0.00	38.69 1.31 0.00	36.07 0.50 0.00	36.15 0.53 0.00	34.99 0.45 0.00	35.31 0.14 0.00	36.06 0.71 0.00	36.55 -0.07 0.00	37.70 -0.27 0.00	37.80 -0.19 0.00	41.38 -0.33 0.00	43.02 -0.39 0.00	48.04 0.57 0.00	50.99 0.55 0.00	54.35 1.01 0.00	61.78 2.20 0.00	74.78 1.75 0.00	76.98 0.99 0.00	77.11 0.76 0.00	68.51 0.34 0.00	60.14 0.71 0.00	54.94 0.27 0.00	51.96 1.32 0.00
GELCKHM___115KV_LOAD 80723	47.37 -0.53 0.00	39.94 -0.28 0.00	37.16 -0.22 0.00	35.29 -0.28 0.00	35.30 -0.32 0.00	34.20 -0.35 0.00	34.78 -0.39 0.00	35.07 -0.28 0.00	36.11 -0.51 0.00	37.47 -0.49 0.00	37.54 -0.46 0.00	41.22 -0.50 0.00	42.89 -0.52 0.00	47.09 -0.38 0.00	50.13 -0.30 0.00	53.23 -0.11 0.00	59.64 0.06 0.00	72.95 -0.07 0.00	75.84 -0.15 0.00	76.19 -0.15 0.00	68.10 -0.07 0.00	59.31 -0.12 0.00	54.56 -0.11 0.00	50.70 0.05 0.00
GENERAL___MILLS 23808	47.75 -0.14 0.00	41.39 1.17 0.00	38.65 1.27 0.00	36.04 0.46 0.00	36.08 0.46 0.00	34.92 0.38 0.00	35.24 0.07 0.00	35.99 0.64 0.00	36.48 -0.15 0.00	37.62 -0.34 0.00	37.73 -0.27 0.00	41.30 -0.42 0.00	42.93 -0.48 0.00	47.90 0.43 0.00	50.84 0.40 0.00	54.19 0.85 0.00	61.61 2.03 0.00	74.56 1.53 0.00	76.75 0.76 0.00	76.88 0.53 0.00	68.37 0.20 0.00	60.03 0.59 0.00	54.83 0.16 0.00	51.86 1.22 0.00
GE_PLASTICS___DRP 24183	49.14 1.25 0.00	41.10 0.88 0.00	38.24 0.86 0.00	36.50 0.92 0.00	36.58 0.96 0.00	35.48 0.93 0.00	36.12 0.95 0.00	36.27 0.92 0.00	37.36 0.73 0.00	38.65 0.68 0.00	38.40 0.68 0.28	41.99 0.75 0.47	43.63 0.78 0.56	47.64 0.52 0.36	50.75 0.61 0.29	53.75 0.75 0.33	60.06 0.48 0.00	73.68 0.66 0.00	76.67 0.68 0.00	77.03 0.69 0.00	68.64 0.48 0.00	59.79 0.36 0.00	55.32 0.66 0.00	51.41 0.76 0.00
GILBOA___1 23756	49.14 1.24 0.00	41.14 0.93 0.00	38.24 0.86 0.00	36.57 0.99 0.00	36.65 1.03 0.00	35.58 1.04 0.00	36.22 1.05 0.00	36.41 1.06 0.00	37.40 0.77 0.00	38.72 0.76 0.00	38.87 0.80 -0.08	42.73 0.88 -0.13	44.48 0.91 -0.16	48.47 0.90 -0.10	51.48 0.96 -0.08	54.55 1.12 -0.09	60.53 0.95 0.00	74.12 1.10 0.00	76.91 0.92 0.00	77.18 0.84 0.00	68.92 0.75 0.00	60.03 0.59 0.00	55.49 0.82 0.00	51.66 1.01 0.00
GILBOA___2 23757	49.14 1.24 0.00	41.14 0.93 0.00	38.24 0.86 0.00	36.57 0.99 0.00	36.65 1.03 0.00	35.58 1.04 0.00	36.22 1.05 0.00	36.41 1.06 0.00	37.40 0.77 0.00	38.72 0.76 0.00	38.87 0.80 -0.08	42.73 0.88 -0.13	44.48 0.91 -0.16	48.47 0.90 -0.10	51.48 0.96 -0.08	54.55 1.12 -0.09	60.53 0.95 0.00	74.12 1.10 0.00	76.91 0.92 0.00	77.18 0.84 0.00	68.92 0.75 0.00	60.03 0.59 0.00	55.49 0.82 0.00	51.66 1.01 0.00
GILBOA___3 23758	49.14 1.24 0.00	41.14 0.93 0.00	38.24 0.86 0.00	36.57 0.99 0.00	36.65 1.03 0.00	35.58 1.04 0.00	36.22 1.05 0.00	36.41 1.06 0.00	37.40 0.77 0.00	38.72 0.76 0.00	38.87 0.80 -0.08	42.73 0.88 -0.13	44.48 0.91 -0.16	48.47 0.90 -0.10	51.48 0.96 -0.08	54.55 1.12 -0.09	60.53 0.95 0.00	74.12 1.10 0.00	76.91 0.92 0.00	77.18 0.84 0.00	68.92 0.75 0.00	60.03 0.59 0.00	55.49 0.82 0.00	51.66 1.01 0.00
GILBOA___4 23759	49.14 1.24 0.00	41.14 0.93 0.00	38.24 0.86 0.00	36.57 0.99 0.00	36.65 1.03 0.00	35.58 1.04 0.00	36.22 1.05 0.00	36.41 1.06 0.00	37.40 0.77 0.00	38.72 0.76 0.00	38.87 0.80 -0.08	42.73 0.88 -0.13	44.48 0.91 -0.16	48.47 0.90 -0.10	51.48 0.96 -0.08	54.55 1.12 -0.09	60.53 0.95 0.00	74.12 1.10 0.00	76.91 0.92 0.00	77.18 0.84 0.00	68.92 0.75 0.00	60.03 0.59 0.00	55.49 0.82 0.00	51.66 1.01 0.00

GILBOA____ 23599	49.14 1.25 0.00	41.14 0.93 0.00	38.24 0.86 0.00	36.61 1.03 0.00	36.65 1.03 0.00	35.58 1.04 0.00	36.23 1.06 0.00	36.41 1.06 0.00	37.40 0.77 0.00	38.72 0.76 0.00	38.87 0.80 -0.08	42.73 0.88 -0.13	44.44 0.87 -0.16	48.48 0.90 -0.10	51.48 0.96 -0.08	54.55 1.12 -0.09	60.53 0.95 0.00	74.12 1.10 0.00	76.90 0.91 0.00	77.18 0.84 0.00	68.92 0.75 0.00	60.03 0.59 0.00	55.54 0.87 0.00	51.71 1.06 0.00
GINNA____ 23603	45.60 -2.30 0.00	38.77 -1.45 0.00	36.15 -1.23 0.00	34.08 -1.49 0.00	34.01 -1.60 0.00	33.06 -1.48 0.00	33.48 -1.69 0.00	33.90 -1.45 0.00	34.83 -1.79 0.00	36.10 -1.86 0.00	36.17 -1.82 0.00	39.84 -1.88 0.00	41.41 -2.00 0.00	45.91 -1.57 0.00	48.93 -1.51 0.00	52.16 -1.17 0.00	58.87 -0.71 0.00	71.78 -1.24 0.00	74.54 -1.45 0.00	74.44 -1.91 0.00	66.46 -1.70 0.00	58.07 -1.36 0.00	53.51 -1.15 0.00	49.58 -1.07 0.00
GLEN PARK____ 23778	49.67 1.77 0.00	41.95 1.73 0.00	38.88 1.50 0.00	36.82 1.24 0.00	36.86 1.25 0.00	35.78 1.24 0.00	36.43 1.26 0.00	36.27 0.92 0.00	37.18 0.55 0.00	38.53 0.57 0.00	38.45 0.46 0.00	42.18 0.46 0.00	43.97 0.56 0.00	48.04 0.57 0.00	51.29 0.86 0.00	54.34 1.01 0.00	60.89 1.31 0.00	75.29 2.27 0.00	79.79 3.80 0.00	81.30 4.96 0.00	73.42 5.25 0.00	65.42 4.76 -1.24	58.43 3.77 0.00	53.89 3.24 0.00
GLENDALE_27_KV_LOAD 356172	51.97 4.07 0.00	43.24 3.02 0.00	40.07 2.69 0.00	38.17 2.60 0.00	38.22 2.60 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.14 2.79 0.00	39.45 2.82 0.00	40.96 3.00 0.00	41.75 3.27 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.19 4.24 -0.51	58.44 4.53 -0.57	63.39 3.81 0.00	77.04 4.02 0.00	80.02 4.03 0.00	79.93 3.59 0.00	70.82 2.66 0.00	61.87 2.44 0.00	58.00 3.33 0.00	54.24 3.60 0.00
GLENWOOD_IC_1_G5 23712	51.58 3.69 0.00	42.91 2.69 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.79 2.17 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.72 2.37 0.00	39.16 2.53 0.00	40.89 2.92 0.00	41.67 3.19 -0.49	46.10 3.55 -0.83	47.78 3.39 -0.98	51.38 3.28 -0.63	54.74 3.78 -0.52	57.90 4.00 -0.57	62.80 3.22 0.00	76.38 3.36 0.00	79.26 3.27 0.00	79.24 2.90 0.00	66.03 1.91 4.04	58.57 1.55 2.41	54.89 2.46 2.23	52.22 2.68 1.11
GLENWOOD_IC_2_G1 23688	51.35 3.45 0.00	42.75 2.54 0.00	39.55 2.17 0.00	37.60 2.03 0.00	37.65 2.03 0.00	36.65 2.11 0.00	37.42 2.25 0.00	37.62 2.26 0.00	39.04 2.42 0.00	40.70 2.73 0.00	41.41 2.93 -0.49	45.82 3.26 -0.84	47.69 3.30 -0.98	51.15 3.04 -0.63	54.38 3.43 -0.51	57.58 3.68 -0.57	62.80 3.22 0.00	76.39 3.36 0.00	79.26 3.27 0.00	79.32 2.97 0.00	70.24 2.12 0.04	61.07 1.66 0.02	56.77 2.13 0.02	53.22 2.58 0.01
GLENWOOD_IC_3_G1 23689	51.35 3.45 0.00	42.75 2.54 0.00	39.55 2.17 0.00	37.60 2.03 0.00	37.65 2.03 0.00	36.65 2.11 0.00	37.42 2.25 0.00	37.62 2.26 0.00	39.04 2.42 0.00	40.70 2.73 0.00	41.41 2.93 -0.49	45.82 3.26 -0.84	47.69 3.30 -0.98	51.15 3.04 -0.63	54.38 3.43 -0.51	57.58 3.68 -0.57	62.80 3.22 0.00	76.39 3.36 0.00	79.26 3.27 0.00	79.32 2.97 0.00	70.24 2.12 0.04	61.07 1.66 0.02	56.77 2.13 0.02	53.22 2.58 0.01
GLENWOOD____4 23550	51.58 3.69 0.00	42.91 2.69 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.79 2.17 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.72 2.37 0.00	39.16 2.53 0.00	40.89 2.92 0.00	41.67 3.19 -0.49	46.10 3.55 -0.83	47.78 3.39 -0.98	51.38 3.28 -0.63	54.74 3.78 -0.52	57.90 4.00 -0.57	62.98 3.40 0.00	76.60 3.58 0.00	79.41 3.42 0.00	79.40 3.05 0.00	66.24 2.11 4.04	58.69 1.66 2.41	54.89 2.46 2.23	52.22 2.68 1.11
GLENWOOD____5 23614	51.58 3.69 0.00	42.91 2.69 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.79 2.17 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.72 2.37 0.00	39.16 2.53 0.00	40.89 2.92 0.00	41.67 3.19 -0.49	46.10 3.55 -0.83	47.78 3.39 -0.98	51.38 3.28 -0.63	54.74 3.78 -0.52	57.90 4.00 -0.57	62.98 3.40 0.00	76.60 3.58 0.00	79.41 3.42 0.00	79.40 3.05 0.00	66.24 2.11 4.04	58.69 1.66 2.41	54.89 2.46 2.23	52.22 2.68 1.11
GLOBAL GREEN_PORT_GT1 23814	53.02 5.13 0.00	44.20 3.98 0.00	40.78 3.40 0.00	38.42 2.85 0.00	38.32 2.71 0.00	37.55 3.00 0.00	38.79 3.62 0.00	38.60 3.25 0.00	40.69 4.07 0.00	43.09 5.12 0.00	44.11 5.62 -0.49	48.86 6.30 -0.84	50.21 5.82 -0.98	52.90 4.89 -0.54	56.77 6.05 -0.29	59.76 6.40 -0.03	66.37 6.79 0.00	79.72 7.45 0.76	82.16 6.76 0.59	81.13 5.88 1.09	60.71 3.54 11.00	54.89 2.32 6.86	50.22 2.08 6.52	50.24 2.94 3.35
GLOBE____DSASP 323697	45.88 -2.01 0.00	39.94 -0.28 0.00	37.34 -0.04 0.00	35.43 -0.14 0.00	34.83 -0.78 0.00	33.68 -0.86 0.00	34.01 -1.16 0.00	34.79 -0.57 0.00	35.27 -1.36 0.00	36.29 -1.67 0.00	36.40 -1.60 0.00	39.80 -1.92 0.00	41.28 -2.13 0.00	46.10 -1.38 0.00	48.87 -1.56 0.00	52.11 -1.23 0.00	59.28 -0.30 0.00	71.56 -1.46 0.00	73.79 -2.20 0.00	73.90 -2.44 0.00	65.64 -2.52 0.00	57.71 -1.72 0.00	52.59 -2.08 0.00	49.84 -0.81 0.00
GOETHSLN____LBMP 323567	51.30 3.40 0.00	42.67 2.45 0.00	39.51 2.13 0.00	37.71 2.13 0.00	37.75 2.14 0.00	36.68 2.14 0.00	37.42 2.25 0.00	37.68 2.33 0.00	38.94 2.31 0.00	40.47 2.51 0.00	41.25 2.77 -0.49	45.64 3.09 -0.83	47.56 3.17 -0.98	51.48 3.37 -0.63	54.48 3.53 -0.51	57.64 3.73 -0.57	62.50 2.92 0.00	76.09 3.07 0.00	79.02 3.04 0.01	79.01 2.67 0.01	70.07 1.91 0.01	60.98 1.55 0.00	57.02 2.35 0.00	53.33 2.68 0.00
GOLAH____69_KV_TB 1_2 80279	47.70 -0.19 0.00	40.86 0.64 0.00	38.13 0.75 0.00	35.72 0.14 0.00	35.79 0.18 0.00	34.72 0.17 0.00	35.14 -0.04 0.00	35.60 0.25 0.00	36.33 -0.29 0.00	37.51 -0.46 0.00	37.54 -0.46 0.00	41.18 -0.54 0.00	42.85 -0.56 0.00	47.57 0.09 0.00	50.64 0.20 0.00	54.03 0.69 0.00	61.13 1.55 0.00	74.49 1.46 0.00	77.36 1.37 0.00	77.56 1.22 0.00	69.26 1.09 0.00	60.50 1.07 0.00	55.21 0.55 0.00	51.81 1.16 0.00
GOODYEAR_LAKE_HYD 323669	49.96 2.06 0.00	41.99 1.77 0.00	38.95 1.57 0.00	37.07 1.49 0.00	37.11 1.50 0.00	36.06 1.52 0.00	36.68 1.51 0.00	36.80 1.45 0.00	37.80 1.17 0.00	39.14 1.18 0.00	39.21 1.22 0.00	43.05 1.33 0.00	44.89 1.48 0.00	49.23 1.76 0.00	52.51 2.07 0.00	55.68 2.35 0.00	62.08 2.50 0.00	76.17 3.14 0.00	79.41 3.42 0.00	79.85 3.51 0.00	71.44 3.27 0.00	62.17 2.73 0.00	57.18 2.51 0.00	53.18 2.53 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.52 0.62 0.00	41.02 0.80 0.00	38.17 0.78 0.00	36.14 0.57 0.00	36.19 0.57 0.00	35.10 0.55 0.00	35.63 0.46 0.00	35.95 0.60 0.00	36.88 0.26 0.00	38.19 0.23 0.00	38.26 0.27 0.00	42.01 0.29 0.00	43.71 0.30 0.00	48.09 0.62 0.00	51.14 0.71 0.00	54.35 1.01 0.00	61.01 1.43 0.00	74.49 1.46 0.00	77.21 1.22 0.00	77.49 1.15 0.00	69.19 1.02 0.00	60.38 0.95 0.00	55.54 0.87 0.00	51.86 1.22 0.00

GOUDEY___7 23579	48.52 0.62 0.00	41.02 0.80 0.00	38.17 0.78 0.00	36.14 0.57 0.00	36.19 0.57 0.00	35.10 0.55 0.00	35.63 0.46 0.00	35.95 0.60 0.00	36.88 0.26 0.00	38.19 0.23 0.00	38.26 0.27 0.00	42.01 0.29 0.00	43.71 0.30 0.00	48.09 0.62 0.00	51.14 0.71 0.00	54.35 1.01 0.00	61.01 1.43 0.00	74.49 1.46 0.00	77.21 1.22 0.00	77.49 1.15 0.00	69.19 1.02 0.00	60.38 0.95 0.00	55.54 0.87 0.00	51.86 1.22 0.00
GOUDEY___8 23580	48.52 0.62 0.00	41.02 0.80 0.00	38.17 0.78 0.00	36.14 0.57 0.00	36.19 0.57 0.00	35.10 0.55 0.00	35.63 0.46 0.00	35.95 0.60 0.00	36.88 0.26 0.00	38.19 0.23 0.00	38.26 0.27 0.00	42.01 0.29 0.00	43.71 0.30 0.00	48.09 0.62 0.00	51.14 0.71 0.00	54.35 1.01 0.00	61.01 1.43 0.00	74.49 1.46 0.00	77.21 1.22 0.00	77.49 1.15 0.00	69.19 1.02 0.00	60.38 0.95 0.00	55.54 0.87 0.00	51.86 1.22 0.00
GOWANUS_GT1_1 24077	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GOWANUS_GT1_2 24078	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GOWANUS_GT1_3 24079	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GOWANUS_GT1_4 24080	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GOWANUS_GT1_5 24084	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GOWANUS_GT1_6 24111	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GOWANUS_GT1_7 24112	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GOWANUS_GT1_8 24113	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GOWANUS_GT2_1 24114	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT2_2 24115	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT2_3 24116	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT2_4 24117	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT2_5 24118	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01

GOWANUS_GT2_6 24119	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT2_7 24120	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT2_8 24121	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT3_1 24122	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT3_2 24123	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT3_3 24124	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT3_4 24125	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT3_5 24126	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT3_6 24127	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT3_7 24128	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT3_8 24129	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
GOWANUS_GT4_1 24130	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GOWANUS_GT4_2 24131	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GOWANUS_GT4_3 24132	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GOWANUS_GT4_4 24133	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00

GOWANUS_GT4_5 24134	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GOWANUS_GT4_6 24135	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GOWANUS_GT4_7 24136	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GOWANUS_GT4_8 24137	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GREATVRV_69_KV_BK1 356245	52.30 4.41 0.00	43.56 3.34 0.00	40.03 2.65 0.00	38.21 2.63 0.00	38.07 2.46 0.00	37.31 2.76 0.00	38.02 2.85 0.00	38.04 2.69 0.00	39.74 3.11 0.00	41.91 3.95 0.00	42.77 4.29 -0.49	47.27 4.71 -0.83	48.39 3.99 -0.98	51.37 3.37 -0.53	54.95 4.24 -0.27	57.85 4.53 0.01	64.11 4.53 0.00	76.73 4.53 0.82	79.68 4.33 0.64	78.99 3.82 1.17	59.90 2.39 10.65	54.72 1.96 6.67	50.76 2.41 6.31	50.09 2.68 3.24
GREENBSH_115KV_TB3 55895	49.14 1.25 0.00	41.06 0.84 0.00	38.20 0.82 0.00	36.54 0.96 0.00	36.58 0.96 0.00	35.51 0.97 0.00	36.12 0.95 0.00	36.27 0.92 0.00	37.36 0.73 0.00	38.65 0.68 0.00	38.26 0.65 0.38	41.78 0.71 0.65	43.38 0.74 0.77	47.26 0.28 0.49	50.39 0.35 0.40	53.36 0.48 0.45	59.82 0.24 0.00	73.39 0.37 0.00	76.45 0.46 0.00	76.80 0.46 0.00	68.37 0.20 0.00	59.61 0.18 0.00	55.10 0.44 0.00	51.20 0.56 0.00
GREENDGE_115KV_TB5 80291	48.52 0.62 0.00	41.26 1.05 0.00	38.39 1.01 0.00	36.22 0.64 0.00	36.22 0.61 0.00	35.10 0.55 0.00	35.59 0.42 0.00	35.99 0.64 0.00	36.74 0.11 0.00	38.04 0.08 0.00	38.07 0.08 0.00	41.80 0.08 0.00	43.50 0.09 0.00	48.09 0.62 0.00	50.89 0.45 0.00	54.24 0.91 0.00	61.25 1.67 0.00	74.92 1.90 0.00	77.97 1.98 0.00	78.40 2.06 0.00	70.07 1.91 0.00	61.04 1.60 0.00	55.87 1.20 0.00	52.22 1.57 0.00
GREENIDGE___3 23582	48.52 0.62 0.00	41.26 1.05 0.00	38.39 1.01 0.00	36.22 0.64 0.00	36.22 0.61 0.00	35.10 0.55 0.00	35.59 0.42 0.00	35.99 0.64 0.00	36.74 0.11 0.00	38.04 0.08 0.00	38.07 0.08 0.00	41.80 0.08 0.00	43.50 0.09 0.00	48.09 0.62 0.00	50.89 0.45 0.00	54.24 0.91 0.00	61.25 1.67 0.00	74.92 1.90 0.00	77.97 1.98 0.00	78.40 2.06 0.00	70.07 1.91 0.00	61.04 1.60 0.00	55.87 1.20 0.00	52.22 1.57 0.00
GREENIDGE___4 23583	48.52 0.62 0.00	41.26 1.04 0.00	38.39 1.01 0.00	36.25 0.67 0.00	36.22 0.60 0.00	35.13 0.59 0.00	35.59 0.42 0.00	35.99 0.64 0.00	36.77 0.15 0.00	38.08 0.11 0.00	38.07 0.08 0.00	41.89 0.17 0.00	43.50 0.09 0.00	48.09 0.62 0.00	50.89 0.45 0.00	54.24 0.91 0.00	61.25 1.67 0.00	74.92 1.90 0.00	78.04 2.05 0.00	78.41 2.06 0.00	70.07 1.91 0.00	61.09 1.66 0.00	56.30 1.64 0.00	52.32 1.67 0.00
GREENLWN_69_KV_BK 3 55738	51.10 3.21 0.00	42.51 2.29 0.00	39.14 1.76 0.00	37.32 1.74 0.00	37.26 1.64 0.00	36.41 1.87 0.00	37.10 1.93 0.00	37.22 1.87 0.00	38.83 2.20 0.00	40.85 2.89 0.00	41.56 3.08 -0.49	45.72 3.17 -0.83	46.82 2.43 -0.98	49.65 1.80 -0.38	52.77 2.42 0.09	54.99 2.56 0.91	61.84 2.09 -0.18	72.79 1.83 2.06	75.98 1.60 1.61	74.45 1.07 2.96	57.63 0.20 10.74	52.26 0.00 7.17	48.95 0.66 6.37	48.39 1.01 3.27
GREENWD_138_KV_38B11_REV_LBMP_J 345004	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00
GRISSOM___SOLAR 323813	51.15 3.26 0.00	42.83 2.61 0.00	39.74 2.36 0.00	37.85 2.28 0.00	37.93 2.31 0.00	36.72 2.18 0.00	37.24 2.07 0.00	37.15 1.80 0.00	37.94 1.32 0.00	39.18 1.21 0.00	38.84 1.14 0.29	42.39 1.17 0.50	44.21 1.39 0.59	48.66 1.56 0.38	52.00 1.87 0.31	55.18 2.19 0.34	62.02 2.44 0.00	76.97 3.94 0.00	80.93 4.94 0.00	82.14 5.80 0.00	73.62 5.46 0.00	63.95 4.51 0.00	58.82 4.15 0.00	54.49 3.85 0.00
GROVEVILLE___HYD 323602	51.10 3.21 0.00	42.59 2.37 0.00	39.47 2.09 0.00	37.64 2.06 0.00	37.72 2.10 0.00	36.65 2.11 0.00	37.32 2.15 0.00	37.47 2.12 0.00	38.68 2.05 0.00	40.05 2.09 0.00	40.62 2.17 -0.46	44.93 2.42 -0.79	46.90 2.56 -0.93	50.87 2.80 -0.60	54.00 3.08 -0.49	57.24 3.36 -0.54	62.68 3.10 0.00	76.68 3.65 0.00	79.87 3.88 0.00	80.01 3.66 0.00	71.03 2.86 0.00	61.75 2.32 0.00	57.45 2.79 0.00	53.64 2.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.66 -0.24 0.00	40.22 0.00 0.00	37.42 0.04 0.00	35.50 -0.07 0.00	35.55 -0.07 0.00	34.44 -0.10 0.00	34.99 -0.18 0.00	35.28 -0.07 0.00	36.33 -0.29 0.00	37.70 -0.27 0.00	37.76 -0.23 0.00	41.47 -0.25 0.00	43.15 -0.26 0.00	47.43 -0.05 0.00	50.49 0.05 0.00	53.65 0.32 0.00	60.12 0.54 0.00	73.54 0.51 0.00	76.52 0.53 0.00	76.88 0.53 0.00	68.71 0.55 0.00	59.85 0.42 0.00	54.99 0.33 0.00	51.10 0.46 0.00
HAMLTNNY_34_KV_TB 80303	47.85 -0.05 0.00	40.42 0.20 0.00	37.60 0.22 0.00	35.65 0.07 0.00	35.65 0.04 0.00	34.54 0.00 0.00	35.10 -0.07 0.00	35.42 0.07 0.00	36.44 -0.18 0.00	37.81 -0.15 0.00	37.88 -0.11 0.00	41.59 -0.13 0.00	43.28 -0.13 0.00	47.66 0.19 0.00	50.74 0.30 0.00	53.92 0.59 0.00	60.53 0.95 0.00	74.05 1.02 0.00	76.98 0.99 0.00	77.34 0.99 0.00	69.12 0.95 0.00	60.20 0.77 0.00	55.27 0.60 0.00	51.41 0.76 0.00

HAMPSHIRE___PAPER_HYD 323593	48.62 0.72 0.00	40.90 0.68 0.00	37.94 0.56 0.00	36.00 0.43 0.00	36.08 0.46 0.00	35.03 0.48 0.00	35.66 0.49 0.00	35.63 0.28 0.00	36.89 0.26 0.00	38.30 0.34 0.00	38.26 0.27 0.00	42.01 0.29 0.00	43.76 0.35 0.00	47.71 0.24 0.00	50.59 0.15 0.00	53.23 -0.11 0.00	59.76 0.18 0.00	73.68 0.66 0.00	77.43 1.44 0.00	78.48 2.13 0.00	70.62 2.45 0.00	65.18 2.44 -3.32	56.41 1.75 0.00	51.96 1.31 0.00
HARDSCRABBLE_WT_PWR 323673	48.09 0.19 0.00	40.38 0.16 0.00	37.49 0.11 0.00	35.68 0.11 0.00	35.69 0.07 0.00	34.61 0.07 0.00	35.28 0.11 0.00	35.42 0.07 0.00	36.59 -0.04 0.00	37.92 -0.04 0.00	37.99 0.00 0.00	41.72 0.00 0.00	43.41 0.00 0.00	47.38 -0.09 0.00	50.44 0.00 0.00	53.33 0.00 0.00	59.52 -0.06 0.00	72.95 -0.07 0.00	76.07 0.08 0.00	76.42 0.08 0.00	68.30 0.14 0.00	59.61 0.18 0.00	54.77 0.11 0.00	50.80 0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.87 2.97 0.00	42.47 2.25 0.00	39.36 1.98 0.00	37.50 1.92 0.00	37.58 1.96 0.00	36.51 1.97 0.00	37.17 2.00 0.00	37.37 2.01 0.00	38.61 1.98 0.00	40.01 2.05 0.00	40.59 2.17 -0.43	44.88 2.42 -0.74	46.80 2.52 -0.87	50.74 2.71 -0.56	53.87 2.98 -0.46	57.09 3.25 -0.51	62.56 2.98 0.00	76.38 3.36 0.00	79.41 3.42 0.00	79.47 3.13 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.12 2.46 0.00	53.38 2.73 0.00
HARSNRAD_115KV_TB1 81005	47.23 -0.67 0.00	41.14 0.93 0.00	38.43 1.05 0.00	35.58 0.00 0.00	35.83 0.21 0.00	34.68 0.14 0.00	35.03 -0.14 0.00	35.78 0.42 0.00	36.15 -0.48 0.00	37.05 -0.91 0.00	37.12 -0.87 0.00	40.63 -1.08 0.00	42.20 -1.22 0.00	47.14 -0.33 0.00	49.98 -0.45 0.00	53.33 0.00 0.00	60.71 1.13 0.00	73.39 0.37 0.00	75.69 -0.30 0.00	75.81 -0.53 0.00	67.42 -0.75 0.00	59.19 -0.24 0.00	53.95 -0.71 0.00	51.36 0.71 0.00
HARZA MOOSE___RIVER 24016	49.14 1.25 0.00	41.39 1.17 0.00	38.43 1.05 0.00	36.46 0.89 0.00	36.51 0.89 0.00	35.44 0.90 0.00	36.12 0.95 0.00	36.13 0.78 0.00	37.21 0.59 0.00	38.53 0.57 0.00	38.52 0.53 0.00	42.26 0.54 0.00	44.06 0.65 0.00	47.95 0.47 0.00	51.04 0.61 0.00	54.03 0.69 0.00	60.47 0.89 0.00	74.34 1.31 0.00	78.12 2.13 0.00	78.86 2.52 0.00	71.03 2.86 0.00	63.14 2.79 -0.92	56.85 2.19 0.00	52.57 1.92 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	47.32 -0.57 0.00	39.98 -0.24 0.00	37.19 -0.19 0.00	35.33 -0.25 0.00	35.33 -0.28 0.00	34.23 -0.31 0.00	34.82 -0.35 0.00	35.10 -0.25 0.00	36.15 -0.48 0.00	37.51 -0.46 0.00	37.54 -0.46 0.00	41.18 -0.54 0.00	42.85 -0.56 0.00	47.09 -0.38 0.00	50.08 -0.35 0.00	53.23 -0.11 0.00	59.64 0.06 0.00	72.88 -0.15 0.00	75.84 -0.15 0.00	76.11 -0.23 0.00	68.03 -0.14 0.00	59.31 -0.12 0.00	54.50 -0.16 0.00	50.65 0.00 0.00
HELLGATE_13_KV_LD 55870	51.92 4.02 0.00	43.24 3.02 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.22 2.60 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.14 2.79 0.00	39.41 2.78 0.00	40.96 3.00 0.00	41.75 3.27 -0.49	46.18 3.63 -0.83	48.08 3.69 -0.98	52.05 3.94 -0.63	55.14 4.19 -0.51	58.44 4.53 -0.57	63.34 3.75 0.00	76.97 3.94 0.00	80.02 4.03 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.87 2.44 0.00	58.00 3.33 0.00	54.19 3.55 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.92 4.02 0.00	43.24 3.02 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.22 2.60 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.14 2.79 0.00	39.41 2.78 0.00	40.96 3.00 0.00	41.75 3.27 -0.49	46.18 3.63 -0.83	48.08 3.69 -0.98	52.05 3.94 -0.63	55.14 4.19 -0.51	58.44 4.53 -0.57	63.34 3.75 0.00	76.97 3.94 0.00	80.02 4.03 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.87 2.44 0.00	58.00 3.33 0.00	54.19 3.55 0.00
HEMPSTEAD____ 23647	51.35 3.45 0.00	42.71 2.49 0.00	39.47 2.09 0.00	37.42 1.85 0.00	37.40 1.78 0.00	36.48 1.93 0.00	37.32 2.15 0.00	37.47 2.12 0.00	39.04 2.42 0.00	40.89 2.92 0.00	41.64 3.15 -0.49	46.02 3.46 -0.84	47.78 3.39 -0.98	50.81 2.70 -0.63	54.28 3.33 -0.52	57.42 3.52 -0.57	62.68 3.10 0.00	76.02 3.00 0.00	78.80 2.81 0.00	78.78 2.44 0.00	63.45 1.50 6.21	56.86 1.13 3.70	52.87 1.59 3.38	51.06 2.08 1.67
HICKLING___1 23621	48.66 0.77 0.00	41.47 1.25 0.00	38.61 1.23 0.00	36.39 0.82 0.00	36.44 0.82 0.00	35.27 0.73 0.00	35.70 0.53 0.00	36.13 0.78 0.00	36.81 0.18 0.00	38.11 0.15 0.00	38.18 0.19 0.00	41.93 0.21 0.00	43.58 0.17 0.00	48.23 0.76 0.00	51.24 0.81 0.00	54.61 1.28 0.00	61.61 2.03 0.00	75.14 2.12 0.00	77.81 1.82 0.00	78.18 1.83 0.00	69.87 1.70 0.00	60.98 1.55 0.00	55.98 1.31 0.00	52.52 1.87 0.00
HICKLING___2 23622	48.66 0.77 0.00	41.47 1.25 0.00	38.61 1.23 0.00	36.39 0.82 0.00	36.44 0.82 0.00	35.27 0.73 0.00	35.70 0.53 0.00	36.13 0.78 0.00	36.81 0.18 0.00	38.11 0.15 0.00	38.18 0.19 0.00	41.93 0.21 0.00	43.58 0.17 0.00	48.23 0.76 0.00	51.24 0.81 0.00	54.61 1.28 0.00	61.61 2.03 0.00	75.14 2.12 0.00	77.81 1.82 0.00	78.18 1.83 0.00	69.87 1.70 0.00	60.98 1.55 0.00	55.98 1.31 0.00	52.52 1.87 0.00
HIGH FALLS___HY 23754	51.06 3.16 0.00	42.59 2.37 0.00	39.44 2.06 0.00	37.53 1.96 0.00	37.61 1.99 0.00	36.58 2.04 0.00	37.25 2.08 0.00	37.40 2.05 0.00	38.61 1.98 0.00	39.97 2.01 0.00	40.38 2.09 -0.30	44.57 2.34 -0.52	46.45 2.43 -0.61	50.62 2.75 -0.39	53.88 3.13 -0.32	57.15 3.47 -0.36	62.92 3.34 0.00	76.97 3.94 0.00	80.09 4.10 0.00	80.24 3.89 0.00	71.30 3.14 0.00	61.93 2.50 0.00	57.62 2.95 0.00	53.84 3.19 0.00
HIGH_RIVER___SOLAR 323847	50.05 2.16 0.00	41.91 1.69 0.00	38.95 1.57 0.00	37.10 1.53 0.00	37.18 1.57 0.00	36.03 1.48 0.00	36.54 1.37 0.00	36.48 1.13 0.00	37.25 0.62 0.00	38.34 0.38 0.00	37.95 0.27 0.31	41.39 0.21 0.54	43.12 0.35 0.63	47.44 0.38 0.41	50.66 0.56 0.33	53.77 0.80 0.37	60.35 0.77 0.00	74.85 1.83 0.00	78.65 2.66 0.00	79.70 3.36 0.00	71.30 3.14 0.00	62.04 2.61 0.00	57.18 2.52 0.00	53.08 2.43 0.00
HILLBURN___GT 23639	50.87 2.97 0.00	42.43 2.21 0.00	39.36 1.98 0.00	37.50 1.92 0.00	37.57 1.96 0.00	36.51 1.97 0.00	37.21 2.04 0.00	37.44 2.09 0.00	38.71 2.09 0.00	40.16 2.20 0.00	40.79 2.36 -0.44	45.06 2.59 -0.76	47.00 2.69 -0.90	50.80 2.75 -0.58	53.88 2.98 -0.47	57.11 3.25 -0.52	62.44 2.86 0.00	76.16 3.14 0.00	78.95 2.96 0.00	79.01 2.67 0.00	70.21 2.04 0.00	61.04 1.61 0.00	56.69 2.02 0.00	53.18 2.53 0.00
HILLSIDE_115KV_TB1 80332	48.04 0.14 0.00	40.90 0.68 0.00	38.09 0.71 0.00	35.93 0.36 0.00	35.97 0.36 0.00	34.85 0.31 0.00	35.31 0.14 0.00	35.70 0.35 0.00	36.44 -0.18 0.00	37.73 -0.23 0.00	37.80 -0.19 0.00	41.51 -0.21 0.00	43.15 -0.26 0.00	47.66 0.19 0.00	50.64 0.20 0.00	53.92 0.59 0.00	60.77 1.19 0.00	73.97 0.95 0.00	76.52 0.53 0.00	76.80 0.46 0.00	68.58 0.41 0.00	59.91 0.48 0.00	55.05 0.38 0.00	51.66 1.01 0.00

HISHELDN_WT_PWR 323625	47.75 -0.14 0.00	41.26 1.04 0.00	38.50 1.12 0.00	36.07 0.50 0.00	36.01 0.39 0.00	34.89 0.35 0.00	35.21 0.04 0.00	35.81 0.46 0.00	36.30 -0.33 0.00	37.39 -0.57 0.00	37.42 -0.57 0.00	41.13 -0.58 0.00	42.58 -0.83 0.00	47.43 -0.05 0.00	50.34 -0.10 0.00	53.60 0.27 0.00	60.83 1.25 0.00	73.90 0.88 0.00	76.45 0.46 0.00	76.65 0.31 0.00	68.30 0.14 0.00	59.96 0.53 0.00	55.59 0.93 0.00	51.81 1.17 0.00
HOLTSVILLE_IC_1 23690	51.35 3.45 0.00	42.87 2.65 0.00	39.55 2.17 0.00	37.35 1.78 0.00	37.29 1.67 0.00	36.48 1.93 0.00	37.53 2.36 0.00	37.47 2.12 0.00	39.23 2.60 0.00	41.30 3.34 0.00	42.10 3.61 -0.49	46.48 3.92 -0.84	47.74 3.34 -0.98	50.16 2.14 -0.54	53.71 2.98 -0.30	56.60 3.20 -0.06	62.50 2.92 0.00	74.94 2.63 0.71	77.80 2.36 0.55	77.24 1.91 1.02	58.03 0.88 11.02	53.05 0.47 6.85	48.96 0.82 6.53	48.76 1.47 3.35
HOLTSVILLE_IC_10 23699	51.63 3.74 0.00	43.07 2.86 0.00	39.70 2.32 0.00	37.50 1.92 0.00	37.43 1.82 0.00	36.65 2.11 0.00	37.70 2.53 0.00	37.62 2.26 0.00	39.41 2.78 0.00	41.53 3.57 0.00	42.32 3.84 -0.49	46.77 4.21 -0.84	48.08 3.69 -0.98	50.51 2.51 -0.52	54.11 3.43 -0.24	56.92 3.68 0.09	63.09 3.51 0.00	75.47 3.36 0.92	78.32 3.04 0.72	77.62 2.60 1.32	58.73 1.50 10.93	53.51 0.95 6.87	49.39 1.20 6.48	49.14 1.82 3.33
HOLTSVILLE_IC_2 23691	51.35 3.45 0.00	42.87 2.65 0.00	39.55 2.17 0.00	37.35 1.78 0.00	37.29 1.67 0.00	36.48 1.93 0.00	37.53 2.36 0.00	37.47 2.12 0.00	39.23 2.60 0.00	41.30 3.34 0.00	42.10 3.61 -0.49	46.48 3.92 -0.84	47.74 3.34 -0.98	50.16 2.14 -0.54	53.71 2.98 -0.30	56.60 3.20 -0.06	62.50 2.92 0.00	74.94 2.63 0.71	77.80 2.36 0.55	77.24 1.91 1.02	58.03 0.88 11.02	53.05 0.47 6.85	48.96 0.82 6.53	48.76 1.47 3.35
HOLTSVILLE_IC_3 23692	51.35 3.45 0.00	42.87 2.65 0.00	39.55 2.17 0.00	37.35 1.78 0.00	37.29 1.67 0.00	36.48 1.93 0.00	37.53 2.36 0.00	37.47 2.12 0.00	39.23 2.60 0.00	41.30 3.34 0.00	42.10 3.61 -0.49	46.48 3.92 -0.84	47.74 3.34 -0.98	50.16 2.14 -0.54	53.71 2.98 -0.30	56.60 3.20 -0.06	62.50 2.92 0.00	74.94 2.63 0.71	77.80 2.36 0.55	77.24 1.91 1.02	58.03 0.88 11.02	53.05 0.47 6.85	48.96 0.82 6.53	48.76 1.47 3.35
HOLTSVILLE_IC_4 23693	51.35 3.45 0.00	42.87 2.65 0.00	39.55 2.17 0.00	37.35 1.78 0.00	37.29 1.67 0.00	36.48 1.93 0.00	37.53 2.36 0.00	37.47 2.12 0.00	39.23 2.60 0.00	41.30 3.34 0.00	42.10 3.61 -0.49	46.48 3.92 -0.84	47.74 3.34 -0.98	50.16 2.14 -0.54	53.71 2.98 -0.30	56.60 3.20 -0.06	62.50 2.92 0.00	74.94 2.63 0.71	77.80 2.36 0.55	77.24 1.91 1.02	58.03 0.88 11.02	53.05 0.47 6.85	48.96 0.82 6.53	48.76 1.47 3.35
HOLTSVILLE_IC_5 23694	51.35 3.45 0.00	42.87 2.65 0.00	39.55 2.17 0.00	37.35 1.78 0.00	37.29 1.67 0.00	36.48 1.93 0.00	37.53 2.36 0.00	37.47 2.12 0.00	39.23 2.60 0.00	41.30 3.34 0.00	42.10 3.61 -0.49	46.48 3.92 -0.84	47.74 3.34 -0.98	50.16 2.14 -0.54	53.71 2.98 -0.30	56.60 3.20 -0.06	62.50 2.92 0.00	74.94 2.63 0.71	77.80 2.36 0.55	77.24 1.91 1.02	58.03 0.88 11.02	53.05 0.47 6.85	48.96 0.82 6.53	48.76 1.47 3.35
HOLTSVILLE_IC_6 23695	51.63 3.74 0.00	43.07 2.86 0.00	39.70 2.32 0.00	37.50 1.92 0.00	37.43 1.82 0.00	36.65 2.11 0.00	37.70 2.53 0.00	37.62 2.26 0.00	39.41 2.78 0.00	41.53 3.57 0.00	42.32 3.84 -0.49	46.77 4.21 -0.84	48.08 3.69 -0.98	50.51 2.51 -0.52	54.11 3.43 -0.24	56.92 3.68 0.09	63.09 3.51 0.00	75.47 3.36 0.92	78.32 3.04 0.72	77.62 2.60 1.32	58.73 1.50 10.93	53.51 0.95 6.87	49.39 1.20 6.48	49.14 1.82 3.33
HOLTSVILLE_IC_7 23696	51.63 3.74 0.00	43.07 2.86 0.00	39.70 2.32 0.00	37.50 1.92 0.00	37.43 1.82 0.00	36.65 2.11 0.00	37.70 2.53 0.00	37.62 2.26 0.00	39.41 2.78 0.00	41.53 3.57 0.00	42.32 3.84 -0.49	46.77 4.21 -0.84	48.08 3.69 -0.98	50.51 2.51 -0.52	54.11 3.43 -0.24	56.92 3.68 0.09	63.09 3.51 0.00	75.47 3.36 0.92	78.32 3.04 0.72	77.62 2.60 1.32	58.73 1.50 10.93	53.51 0.95 6.87	49.39 1.20 6.48	49.14 1.82 3.33
HOLTSVILLE_IC_8 23697	51.63 3.74 0.00	43.07 2.86 0.00	39.70 2.32 0.00	37.50 1.92 0.00	37.43 1.82 0.00	36.65 2.11 0.00	37.70 2.53 0.00	37.62 2.26 0.00	39.41 2.78 0.00	41.53 3.57 0.00	42.32 3.84 -0.49	46.77 4.21 -0.84	48.08 3.69 -0.98	50.51 2.51 -0.52	54.11 3.43 -0.24	56.92 3.68 0.09	63.09 3.51 0.00	75.47 3.36 0.92	78.32 3.04 0.72	77.62 2.60 1.32	58.73 1.50 10.93	53.51 0.95 6.87	49.39 1.20 6.48	49.14 1.82 3.33
HOLTSVILLE_IC_9 23698	51.63 3.74 0.00	43.07 2.86 0.00	39.70 2.32 0.00	37.50 1.92 0.00	37.43 1.82 0.00	36.65 2.11 0.00	37.70 2.53 0.00	37.62 2.26 0.00	39.41 2.78 0.00	41.53 3.57 0.00	42.32 3.84 -0.49	46.77 4.21 -0.84	48.08 3.69 -0.98	50.51 2.51 -0.52	54.11 3.43 -0.24	56.92 3.68 0.09	63.09 3.51 0.00	75.47 3.36 0.92	78.32 3.04 0.72	77.62 2.60 1.32	58.73 1.50 10.93	53.51 0.95 6.87	49.39 1.20 6.48	49.14 1.82 3.33
HOMER_HL_115KV_TB2 355744	47.80 -0.10 0.00	41.18 0.97 0.00	38.39 1.01 0.00	35.93 0.36 0.00	36.01 0.39 0.00	34.89 0.35 0.00	35.21 0.04 0.00	35.85 0.49 0.00	36.41 -0.22 0.00	37.66 -0.30 0.00	37.80 -0.19 0.00	41.38 -0.33 0.00	43.02 -0.39 0.00	47.85 0.38 0.00	50.79 0.35 0.00	54.19 0.85 0.00	61.49 1.91 0.00	74.41 1.39 0.00	76.37 0.38 0.00	76.42 0.08 0.00	68.03 -0.14 0.00	59.73 0.30 0.00	54.72 0.05 0.00	51.76 1.11 0.00
HOWARD_WT_PWR 323690	48.90 1.01 0.00	41.87 1.65 0.00	39.02 1.64 0.00	36.71 1.14 0.00	36.68 1.07 0.00	35.51 0.97 0.00	35.87 0.70 0.00	36.31 0.95 0.00	36.81 0.18 0.00	38.04 0.08 0.00	37.99 0.00 0.00	41.80 0.08 0.00	43.28 -0.13 0.00	48.09 0.62 0.00	51.04 0.61 0.00	54.34 1.01 0.00	61.43 1.85 0.00	75.07 2.04 0.00	78.04 2.05 0.00	78.63 2.29 0.00	70.35 2.18 0.00	61.51 2.08 0.00	56.74 2.08 0.00	52.93 2.28 0.00
HQ_GEN_CEDARS 23644	47.99 0.10 0.00	40.30 0.08 0.00	37.42 0.04 0.00	35.54 -0.04 0.00	35.62 0.00 0.00	34.54 0.00 0.00	35.21 0.04 0.00	35.24 -0.11 0.00	36.77 0.15 0.00	38.30 0.34 0.00	38.26 0.27 0.00	42.01 0.29 0.00	43.76 0.35 0.00	47.81 0.33 0.00	50.54 0.10 0.00	52.96 -0.37 0.00	59.58 0.00 0.00	73.24 0.22 0.00	76.29 0.30 0.00	76.88 0.53 0.00	69.12 0.95 0.00	67.21 0.95 -6.82	54.99 0.33 0.00	50.70 0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	47.99 0.10 0.00	40.30 0.08 0.00	37.42 0.04 0.00	35.54 -0.04 0.00	35.62 0.00 0.00	34.54 0.00 0.00	35.21 0.04 0.00	35.25 -0.11 0.00	36.77 0.15 0.00	38.30 0.34 0.00	38.26 0.27 0.00	42.01 0.29 0.00	43.76 0.35 0.00	47.81 0.33 0.00	50.54 0.10 0.00	50.61 -0.37 2.35	61.93 0.00 -2.35	73.25 0.22 0.00	76.30 0.31 0.00	76.95 0.61 0.00	69.05 0.88 0.00	69.05 0.95 -8.67	53.15 0.33 1.85	50.70 0.05 0.00

HQ_GEN_IMPORT 323601	47.46 -0.43 0.00	39.86 -0.36 0.00	37.01 -0.37 0.00	35.22 -0.36 0.00	35.26 -0.36 0.00	34.16 -0.38 0.00	34.85 -0.32 0.00	34.96 -0.39 0.00	36.52 -0.11 0.00	37.89 -0.08 0.00	37.88 -0.11 0.00	41.59 -0.12 0.00	43.28 -0.13 0.00	47.33 -0.14 0.00	50.19 -0.25 0.00	50.50 -0.48 2.35	61.57 -0.36 -2.35	72.73 -0.29 0.00	75.69 -0.30 0.00	76.11 -0.23 0.00	68.03 -0.14 0.00	60.99 -0.06 -1.62	52.49 -0.33 1.85	50.09 -0.56 0.00
HQ_GEN_WHEEL 23651	47.46 -0.43 0.00	39.86 -0.36 0.00	37.01 -0.37 0.00	35.22 -0.36 0.00	35.26 -0.36 0.00	34.16 -0.38 0.00	34.85 -0.32 0.00	34.96 -0.39 0.00	36.52 -0.11 0.00	37.89 -0.08 0.00	37.88 -0.11 0.00	41.59 -0.12 0.00	43.28 -0.13 0.00	47.33 -0.14 0.00	50.19 -0.25 0.00	50.50 -0.48 2.35	61.57 -0.36 -2.35	72.73 -0.29 0.00	75.69 -0.30 0.00	76.11 -0.23 0.00	68.03 -0.14 0.00	60.99 -0.06 -1.62	52.49 -0.33 1.85	50.09 -0.56 0.00
HUDSON AVE_GT_3 23810	51.54 3.64 0.00	42.91 2.69 0.00	39.74 2.35 0.00	37.89 2.31 0.00	37.93 2.32 0.00	36.89 2.35 0.00	37.60 2.43 0.00	37.86 2.51 0.00	39.16 2.53 0.00	40.66 2.70 0.00	41.44 2.96 -0.49	45.85 3.30 -0.83	47.78 3.39 -0.98	51.71 3.61 -0.63	54.78 3.83 -0.51	58.01 4.11 -0.57	63.10 3.52 0.00	76.82 3.80 0.00	79.71 3.72 0.00	79.78 3.44 0.00	70.69 2.52 0.00	61.51 2.08 0.00	57.51 2.84 0.00	53.79 3.14 0.00
HUDSON AVE_GT_4 23540	51.54 3.64 0.00	42.91 2.69 0.00	39.74 2.35 0.00	37.89 2.31 0.00	37.93 2.32 0.00	36.89 2.35 0.00	37.60 2.43 0.00	37.86 2.51 0.00	39.16 2.53 0.00	40.66 2.70 0.00	41.44 2.96 -0.49	45.85 3.30 -0.83	47.78 3.39 -0.98	51.71 3.61 -0.63	54.78 3.83 -0.51	58.01 4.11 -0.57	63.10 3.52 0.00	76.82 3.80 0.00	79.71 3.72 0.00	79.78 3.44 0.00	70.69 2.52 0.00	61.51 2.08 0.00	57.51 2.84 0.00	53.79 3.14 0.00
HUDSON AVE_GT_5 23657	51.54 3.64 0.00	42.91 2.69 0.00	39.74 2.35 0.00	37.89 2.31 0.00	37.93 2.32 0.00	36.89 2.35 0.00	37.60 2.43 0.00	37.86 2.51 0.00	39.16 2.53 0.00	40.66 2.70 0.00	41.44 2.96 -0.49	45.85 3.30 -0.83	47.78 3.39 -0.98	51.71 3.61 -0.63	54.78 3.83 -0.51	58.01 4.11 -0.57	63.10 3.52 0.00	76.82 3.80 0.00	79.71 3.72 0.00	79.78 3.44 0.00	70.69 2.52 0.00	61.51 2.08 0.00	57.51 2.84 0.00	53.79 3.14 0.00
HUDSON_AVE_10 24168	51.44 3.54 0.00	42.79 2.57 0.00	39.62 2.24 0.00	37.78 2.21 0.00	37.86 2.24 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.08 2.45 0.00	40.62 2.66 0.00	41.33 2.85 -0.49	45.72 3.17 -0.83	47.65 3.26 -0.98	51.57 3.47 -0.63	54.63 3.68 -0.51	57.85 3.95 -0.57	62.92 3.34 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.33 1.90 0.00	57.45 2.79 0.00	53.64 2.99 0.00
HUDSON___115KV_TB 4 355613	50.10 2.20 0.00	41.87 1.65 0.00	38.91 1.53 0.00	37.14 1.57 0.00	37.22 1.60 0.00	36.10 1.55 0.00	36.68 1.51 0.00	36.76 1.41 0.00	37.73 1.10 0.00	38.95 0.99 0.00	38.76 1.03 0.25	42.41 1.13 0.43	44.12 1.22 0.51	47.95 0.81 0.33	51.18 1.01 0.27	54.32 1.28 0.30	60.65 1.07 0.00	74.78 1.75 0.00	78.27 2.28 0.00	78.86 2.52 0.00	70.28 2.11 0.00	61.15 1.72 0.00	56.52 1.86 0.00	52.42 1.77 0.00
HUNTER MOUNT___DRP 323613	50.29 2.39 0.00	42.03 1.81 0.00	39.06 1.68 0.00	37.25 1.67 0.00	37.36 1.75 0.00	36.20 1.66 0.00	36.79 1.62 0.00	36.80 1.45 0.00	37.80 1.17 0.00	38.95 0.99 0.00	38.94 1.10 0.15	42.71 1.25 0.26	44.45 1.35 0.31	48.37 1.09 0.20	51.59 1.31 0.16	54.76 1.60 0.18	60.89 1.31 0.00	75.22 2.19 0.00	78.80 2.81 0.00	79.55 3.21 0.00	70.89 2.73 0.00	61.69 2.26 0.00	56.96 2.30 0.00	52.83 2.18 0.00
HUNTINGTON_RES_REC 323705	51.39 3.49 0.00	42.80 2.58 0.00	39.43 2.05 0.00	37.28 1.71 0.00	37.22 1.60 0.00	36.41 1.86 0.00	37.35 2.18 0.00	37.40 2.05 0.00	39.15 2.53 0.00	41.19 3.22 0.00	41.98 3.49 -0.49	46.32 3.76 -0.84	47.69 3.30 -0.98	49.96 2.18 -0.30	53.14 2.98 0.27	55.19 3.20 1.34	62.13 2.92 0.37	72.98 2.63 2.68	76.26 2.36 2.08	74.33 1.83 3.84	58.15 0.88 10.90	52.43 0.47 7.48	49.03 0.82 6.46	48.75 1.42 3.32
HUNTLEY___63 23557	47.37 -0.53 0.00	41.18 0.97 0.00	38.46 1.08 0.00	36.00 0.43 0.00	35.87 0.25 0.00	34.72 0.17 0.00	35.03 -0.14 0.00	35.85 0.49 0.00	36.30 -0.33 0.00	37.32 -0.65 0.00	37.42 -0.57 0.00	40.97 -0.75 0.00	42.54 -0.87 0.00	47.57 0.09 0.00	50.49 0.05 0.00	53.81 0.48 0.00	61.25 1.67 0.00	73.97 0.95 0.00	76.29 0.30 0.00	76.34 0.00 0.00	67.83 -0.34 0.00	59.61 0.18 0.00	54.39 -0.27 0.00	51.56 0.91 0.00
HUNTLEY___64 23558	47.37 -0.53 0.00	41.18 0.97 0.00	38.46 1.08 0.00	36.00 0.43 0.00	35.87 0.25 0.00	34.72 0.17 0.00	35.03 -0.14 0.00	35.85 0.49 0.00	36.30 -0.33 0.00	37.32 -0.65 0.00	37.42 -0.57 0.00	40.97 -0.75 0.00	42.54 -0.87 0.00	47.57 0.09 0.00	50.49 0.05 0.00	53.81 0.48 0.00	61.25 1.67 0.00	73.97 0.95 0.00	76.29 0.30 0.00	76.34 0.00 0.00	67.83 -0.34 0.00	59.61 0.18 0.00	54.39 -0.27 0.00	51.56 0.91 0.00
HUNTLEY___65 23559	47.37 -0.53 0.00	41.18 0.97 0.00	38.46 1.08 0.00	36.00 0.43 0.00	35.87 0.25 0.00	34.72 0.17 0.00	35.03 -0.14 0.00	35.85 0.49 0.00	36.30 -0.33 0.00	37.32 -0.65 0.00	37.42 -0.57 0.00	40.97 -0.75 0.00	42.54 -0.87 0.00	47.57 0.09 0.00	50.49 0.05 0.00	53.81 0.48 0.00	61.25 1.67 0.00	73.97 0.95 0.00	76.29 0.30 0.00	76.34 0.00 0.00	67.83 -0.34 0.00	59.61 0.18 0.00	54.39 -0.27 0.00	51.56 0.91 0.00
HUNTLEY___66 23560	47.37 -0.53 0.00	41.18 0.97 0.00	38.46 1.08 0.00	36.00 0.43 0.00	35.87 0.25 0.00	34.72 0.17 0.00	35.03 -0.14 0.00	35.85 0.49 0.00	36.30 -0.33 0.00	37.32 -0.65 0.00	37.42 -0.57 0.00	40.97 -0.75 0.00	42.54 -0.87 0.00	47.57 0.09 0.00	50.49 0.05 0.00	53.81 0.48 0.00	61.25 1.67 0.00	73.97 0.95 0.00	76.29 0.30 0.00	76.34 0.00 0.00	67.83 -0.34 0.00	59.61 0.18 0.00	54.39 -0.27 0.00	51.56 0.91 0.00
HUNTLEY___67 23561	47.13 -0.77 0.00	40.94 0.72 0.00	38.24 0.86 0.00	35.68 0.11 0.00	35.69 0.07 0.00	34.54 0.00 0.00	34.89 -0.28 0.00	35.63 0.28 0.00	36.11 -0.51 0.00	37.20 -0.76 0.00	37.31 -0.68 0.00	40.80 -0.92 0.00	42.37 -1.04 0.00	47.28 -0.19 0.00	50.13 -0.30 0.00	53.49 0.16 0.00	60.83 1.25 0.00	73.54 0.51 0.00	75.76 -0.23 0.00	75.89 -0.46 0.00	67.48 -0.68 0.00	59.25 -0.18 0.00	54.06 -0.60 0.00	51.20 0.56 0.00
HUNTLEY___68 23562	47.13 -0.77 0.00	40.94 0.72 0.00	38.24 0.86 0.00	35.68 0.11 0.00	35.69 0.07 0.00	34.54 0.00 0.00	34.89 -0.28 0.00	35.63 0.28 0.00	36.11 -0.51 0.00	37.20 -0.76 0.00	37.31 -0.68 0.00	40.80 -0.92 0.00	42.37 -1.04 0.00	47.28 -0.19 0.00	50.13 -0.30 0.00	53.49 0.16 0.00	60.83 1.25 0.00	73.54 0.51 0.00	75.76 -0.23 0.00	75.89 -0.46 0.00	67.48 -0.68 0.00	59.25 -0.18 0.00	54.06 -0.60 0.00	51.20 0.56 0.00

HYLAND___LFGE 323620	50.10 2.20 0.00	42.71 2.49 0.00	39.89 2.50 0.00	37.42 1.85 0.00	37.40 1.78 0.00	36.30 1.76 0.00	36.61 1.44 0.00	36.80 1.45 0.00	37.10 0.47 0.00	37.77 -0.19 0.00	37.42 -0.57 0.00	41.09 -0.62 0.00	42.58 -0.83 0.00	47.14 -0.33 0.00	50.09 -0.35 0.00	53.49 0.16 0.00	58.98 -0.60 0.00	73.10 0.07 0.00	77.51 1.52 0.00	79.24 2.90 0.00	71.57 3.41 0.00	62.58 3.15 0.00	57.67 3.00 0.00	55.05 4.40 0.00
INDECK___CORINTH 23802	49.47 1.58 0.00	41.47 1.25 0.00	38.50 1.12 0.00	36.68 1.10 0.00	36.76 1.14 0.00	35.62 1.07 0.00	36.30 1.13 0.00	36.38 1.03 0.00	37.32 0.69 0.00	38.57 0.61 0.00	37.76 0.19 0.42	41.21 0.21 0.72	42.87 0.31 0.85	47.07 0.14 0.54	50.35 0.36 0.44	53.53 0.69 0.49	60.35 0.77 0.00	74.71 1.68 0.00	78.88 2.89 0.00	79.70 3.36 0.00	71.30 3.14 0.00	61.87 2.44 0.00	56.96 2.30 0.00	52.72 2.08 0.00
INDECK___ILION 23567	48.18 0.29 0.00	40.42 0.20 0.00	37.57 0.19 0.00	35.75 0.18 0.00	35.79 0.18 0.00	34.72 0.17 0.00	35.35 0.18 0.00	35.53 0.18 0.00	36.70 0.07 0.00	38.04 0.08 0.00	38.07 0.08 0.00	41.80 0.08 0.00	43.54 0.13 0.00	47.52 0.05 0.00	50.59 0.15 0.00	53.49 0.16 0.00	59.70 0.12 0.00	73.17 0.15 0.00	76.29 0.30 0.00	76.65 0.31 0.00	68.44 0.27 0.00	59.67 0.24 0.00	54.94 0.27 0.00	50.90 0.25 0.00
INDECK___OLEAN 23982	47.80 -0.10 0.00	41.18 0.96 0.00	38.39 1.01 0.00	36.00 0.43 0.00	36.01 0.39 0.00	34.89 0.35 0.00	35.21 0.04 0.00	35.85 0.49 0.00	36.48 -0.15 0.00	37.74 -0.23 0.00	37.80 -0.19 0.00	41.51 -0.21 0.00	43.02 -0.39 0.00	47.81 0.33 0.00	50.79 0.36 0.00	54.18 0.85 0.00	61.49 1.91 0.00	74.49 1.46 0.00	76.45 0.46 0.00	76.42 0.08 0.00	68.03 -0.14 0.00	59.79 0.36 0.00	55.37 0.71 0.00	51.91 1.27 0.00
INDECK___OSWEGO 23783	46.89 -1.01 0.00	39.54 -0.68 0.00	36.74 -0.64 0.00	34.90 -0.68 0.00	34.94 -0.68 0.00	33.85 -0.69 0.00	34.43 -0.74 0.00	34.64 -0.71 0.00	35.71 -0.91 0.00	37.05 -0.91 0.00	37.12 -0.87 0.00	40.76 -0.96 0.00	42.41 -1.00 0.00	46.52 -0.95 0.00	49.48 -0.96 0.00	52.48 -0.86 0.00	58.75 -0.83 0.00	71.93 -1.09 0.00	74.93 -1.06 0.00	75.27 -1.07 0.00	67.35 -0.81 0.00	58.93 -0.71 0.00	54.06 -0.60 0.00	50.14 -0.51 0.00
INDECK___YERKES 23781	47.46 -0.43 0.00	41.22 1.01 0.00	38.50 1.12 0.00	36.14 0.57 0.00	35.90 0.28 0.00	34.92 0.38 0.00	35.07 -0.11 0.00	35.85 0.49 0.00	36.37 -0.25 0.00	37.43 -0.53 0.00	37.46 -0.53 0.00	41.22 -0.50 0.00	42.58 -0.83 0.00	47.62 0.14 0.00	50.54 0.10 0.00	53.87 0.53 0.00	61.31 1.73 0.00	74.19 1.16 0.00	76.53 0.54 0.00	76.42 0.08 0.00	67.89 -0.27 0.00	59.79 0.36 0.00	55.49 0.82 0.00	51.76 1.11 0.00
INDIAN POINT_GT_1 24139	50.87 2.97 0.00	42.39 2.17 0.00	39.29 1.91 0.00	37.46 1.89 0.00	37.54 1.92 0.00	36.48 1.93 0.00	37.17 2.00 0.00	37.40 2.05 0.00	38.61 1.98 0.00	40.05 2.09 0.00	40.75 2.28 -0.48	45.08 2.54 -0.82	46.94 2.56 -0.97	50.80 2.71 -0.62	53.82 2.87 -0.51	57.04 3.15 -0.56	62.26 2.68 0.00	75.95 2.92 0.00	78.88 2.89 0.00	78.94 2.60 0.00	70.07 1.91 0.00	60.98 1.55 0.00	56.85 2.19 0.00	53.13 2.48 0.00
INDIAN POINT_GT_2 23659	50.87 2.97 0.00	42.39 2.17 0.00	39.29 1.91 0.00	37.46 1.89 0.00	37.54 1.92 0.00	36.48 1.93 0.00	37.17 2.00 0.00	37.40 2.05 0.00	38.61 1.98 0.00	40.05 2.09 0.00	40.75 2.28 -0.48	45.08 2.54 -0.82	46.94 2.56 -0.97	50.80 2.71 -0.62	53.82 2.87 -0.51	57.04 3.15 -0.56	62.26 2.68 0.00	75.95 2.92 0.00	78.88 2.89 0.00	78.94 2.60 0.00	70.07 1.91 0.00	60.98 1.55 0.00	56.85 2.19 0.00	53.13 2.48 0.00
INDIAN POINT_GT_3 24019	50.87 2.97 0.00	42.39 2.17 0.00	39.29 1.91 0.00	37.46 1.89 0.00	37.54 1.92 0.00	36.48 1.93 0.00	37.17 2.00 0.00	37.40 2.05 0.00	38.61 1.98 0.00	40.05 2.09 0.00	40.75 2.28 -0.48	45.08 2.54 -0.82	46.94 2.56 -0.97	50.80 2.71 -0.62	53.82 2.87 -0.51	57.04 3.15 -0.56	62.26 2.68 0.00	75.95 2.92 0.00	78.88 2.89 0.00	78.94 2.60 0.00	70.07 1.91 0.00	60.98 1.55 0.00	56.85 2.19 0.00	53.13 2.48 0.00
INDIAN POINT___2 23530	50.77 2.87 0.00	42.35 2.13 0.00	39.29 1.91 0.00	37.42 1.85 0.00	37.50 1.89 0.00	36.44 1.90 0.00	37.14 1.97 0.00	37.36 2.01 0.00	38.64 2.01 0.00	40.13 2.16 0.00	40.77 2.32 -0.46	45.06 2.55 -0.80	47.00 2.65 -0.94	50.73 2.66 -0.60	53.80 2.87 -0.49	57.03 3.15 -0.55	62.26 2.68 0.00	75.87 2.85 0.00	78.80 2.81 0.00	78.86 2.52 0.00	70.01 1.84 0.00	60.86 1.42 0.00	56.58 1.91 0.00	53.08 2.43 0.00
INDIAN POINT___3 23531	50.77 2.87 0.00	42.35 2.13 0.00	39.25 1.87 0.00	37.46 1.89 0.00	37.50 1.89 0.00	36.44 1.90 0.00	37.14 1.97 0.00	37.37 2.01 0.00	38.61 1.98 0.00	40.05 2.09 0.00	40.71 2.24 -0.48	45.00 2.46 -0.82	46.90 2.52 -0.97	50.71 2.61 -0.62	53.77 2.82 -0.51	56.99 3.09 -0.56	62.20 2.62 0.00	75.87 2.85 0.00	78.73 2.74 0.00	78.86 2.52 0.00	69.94 1.77 0.00	60.86 1.43 0.00	56.74 2.08 0.00	53.03 2.38 0.00
INGHAM_C_115KV_TB7 356103	47.99 0.10 0.00	40.30 0.08 0.00	37.42 0.04 0.00	35.58 0.00 0.00	35.62 0.00 0.00	34.54 0.00 0.00	35.17 0.00 0.00	35.32 -0.04 0.00	36.48 -0.15 0.00	37.85 -0.11 0.00	37.88 -0.11 0.00	41.59 -0.13 0.00	43.32 -0.09 0.00	47.24 -0.24 0.00	50.29 -0.15 0.00	53.17 -0.16 0.00	59.28 -0.30 0.00	72.73 -0.29 0.00	75.84 -0.15 0.00	76.19 -0.15 0.00	68.17 0.00 0.00	59.49 0.06 0.00	54.67 0.00 0.00	50.70 0.05 0.00
IP CORINTH___1 23988	49.76 1.87 0.00	41.67 1.45 0.00	38.69 1.31 0.00	36.86 1.28 0.00	36.97 1.35 0.00	35.82 1.28 0.00	36.47 1.30 0.00	36.55 1.20 0.00	38.46 1.83 0.00	39.75 1.78 0.00	38.90 1.33 0.42	42.50 1.50 0.72	44.17 1.61 0.85	47.50 0.57 0.54	50.65 0.66 0.44	53.85 1.01 0.49	60.71 1.13 0.00	75.14 2.12 0.00	79.33 3.34 0.00	80.16 3.82 0.00	71.71 3.54 0.00	62.22 2.79 0.00	57.34 2.68 0.00	53.03 2.38 0.00
IP___TICONDEROGA 23804	51.20 3.30 0.00	42.83 2.61 0.00	39.74 2.35 0.00	37.78 2.21 0.00	37.93 2.32 0.00	36.72 2.18 0.00	37.39 2.22 0.00	37.40 2.05 0.00	39.05 2.42 0.00	40.35 2.39 0.00	39.50 1.94 0.43	43.15 2.17 0.74	44.93 2.39 0.87	48.53 1.61 0.56	51.90 1.92 0.45	55.33 2.51 0.51	62.68 3.10 0.00	78.06 5.04 0.00	82.68 6.69 0.00	84.05 7.71 0.00	75.19 7.02 0.00	65.08 5.65 0.00	59.86 5.19 0.00	55.16 4.51 0.00
ISLIP_RES_REC 323679	51.87 3.97 0.00	43.27 3.06 0.00	39.89 2.50 0.00	37.67 2.10 0.00	37.57 1.96 0.00	36.79 2.24 0.00	37.84 2.67 0.00	37.79 2.44 0.00	39.59 2.97 0.00	41.72 3.76 0.00	42.59 4.10 -0.49	47.07 4.51 -0.84	48.38 3.99 -0.98	50.89 2.90 -0.52	54.52 3.83 -0.25	57.42 4.16 0.07	63.63 4.05 0.00	76.14 4.01 0.90	79.01 3.72 0.70	78.26 3.21 1.29	59.34 2.04 10.87	53.97 1.37 6.83	49.81 1.59 6.44	49.51 2.18 3.31

JAMAICA__27_KV_LOAD 355505	51.82 3.93 0.00	43.07 2.86 0.00	39.85 2.47 0.00	37.99 2.42 0.00	38.15 2.53 0.00	37.13 2.59 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.45 2.82 0.00	41.00 3.04 0.00	41.56 3.08 -0.49	45.97 3.42 -0.83	47.95 3.56 -0.98	51.90 3.80 -0.63	55.04 4.09 -0.51	58.33 4.43 -0.57	63.51 3.93 0.00	77.26 4.24 0.00	80.32 4.33 0.00	80.31 3.97 0.00	71.23 3.07 0.00	61.81 2.38 0.00	58.05 3.39 0.00	54.19 3.55 0.00
JANIS__SOLAR 323808	50.00 2.11 0.00	42.27 2.05 0.00	39.25 1.87 0.00	37.18 1.60 0.00	37.15 1.53 0.00	36.06 1.52 0.00	36.68 1.51 0.00	36.80 1.45 0.00	37.54 0.92 0.00	38.72 0.76 0.00	38.60 0.61 0.00	42.34 0.63 0.00	44.10 0.69 0.00	48.57 1.09 0.00	51.90 1.46 0.00	55.36 2.03 0.00	62.38 2.80 0.00	76.75 3.72 0.00	80.47 4.48 0.00	81.30 4.96 0.00	72.94 4.77 0.00	63.41 3.98 0.00	58.17 3.50 0.00	53.89 3.24 0.00
JARVIS____ 23743	48.18 0.29 0.00	40.42 0.20 0.00	37.57 0.19 0.00	35.79 0.21 0.00	35.83 0.21 0.00	34.75 0.21 0.00	35.38 0.21 0.00	35.56 0.21 0.00	36.74 0.11 0.00	38.08 0.11 0.00	38.11 0.11 0.00	41.84 0.13 0.00	43.54 0.13 0.00	47.57 0.10 0.00	50.59 0.15 0.00	53.55 0.21 0.00	59.70 0.12 0.00	73.17 0.15 0.00	76.22 0.23 0.00	76.57 0.23 0.00	68.37 0.21 0.00	59.61 0.18 0.00	54.88 0.22 0.00	50.90 0.25 0.00
JENNISON____1 23625	50.34 2.44 0.00	42.55 2.33 0.00	39.51 2.13 0.00	37.43 1.85 0.00	37.43 1.82 0.00	36.34 1.80 0.00	37.03 1.86 0.00	37.15 1.80 0.00	37.98 1.36 0.00	39.29 1.33 0.00	39.28 1.29 0.00	43.14 1.42 0.00	45.02 1.61 0.00	49.47 1.99 0.00	52.91 2.47 0.00	56.27 2.93 0.00	63.15 3.57 0.00	77.41 4.38 0.00	80.85 4.86 0.00	81.23 4.89 0.00	72.94 4.77 0.00	63.35 3.92 0.00	58.05 3.39 0.00	53.99 3.34 0.00
JENNISON____2 23626	50.34 2.44 0.00	42.55 2.33 0.00	39.51 2.13 0.00	37.43 1.85 0.00	37.43 1.82 0.00	36.34 1.80 0.00	37.03 1.86 0.00	37.15 1.80 0.00	37.98 1.36 0.00	39.29 1.33 0.00	39.28 1.29 0.00	43.14 1.42 0.00	45.02 1.61 0.00	49.47 1.99 0.00	52.91 2.47 0.00	56.27 2.93 0.00	63.15 3.57 0.00	77.41 4.38 0.00	80.85 4.86 0.00	81.23 4.89 0.00	72.94 4.77 0.00	63.35 3.92 0.00	58.05 3.39 0.00	53.99 3.34 0.00
JERICOHO_RISE_WT_PWR 323719	47.56 -0.33 0.00	39.86 -0.36 0.00	36.97 -0.41 0.00	35.11 -0.46 0.00	35.19 -0.43 0.00	34.13 -0.41 0.00	34.82 -0.35 0.00	34.93 -0.42 0.00	36.55 -0.07 0.00	38.00 0.04 0.00	37.99 0.00 0.00	41.72 0.00 0.00	43.41 0.00 0.00	47.47 0.00 0.00	49.98 -0.45 0.00	52.37 -0.96 0.00	58.75 -0.83 0.00	72.37 -0.66 0.00	75.46 -0.53 0.00	76.04 -0.30 0.00	68.17 0.00 0.00	60.17 0.00 -0.74	54.23 -0.44 0.00	50.09 -0.56 0.00
KATONAH__115KV_46KV_TB4 355592	50.91 3.02 0.00	42.43 2.21 0.00	39.32 1.94 0.00	37.50 1.92 0.00	37.58 1.96 0.00	36.51 1.97 0.00	37.21 2.04 0.00	37.40 2.05 0.00	38.64 2.01 0.00	40.01 2.05 0.00	40.69 2.20 -0.50	45.03 2.46 -0.86	46.98 2.56 -1.01	50.83 2.71 -0.65	53.89 2.93 -0.53	57.12 3.20 -0.59	62.38 2.80 0.00	76.17 3.14 0.00	79.33 3.34 0.00	79.40 3.05 0.00	70.48 2.32 0.00	61.27 1.84 0.00	57.07 2.41 0.00	53.28 2.63 0.00
KCE_NY_1 323755	50.19 2.30 0.00	41.99 1.77 0.00	39.02 1.64 0.00	37.21 1.64 0.00	37.29 1.67 0.00	36.13 1.59 0.00	36.79 1.62 0.00	36.90 1.55 0.00	37.87 1.25 0.00	39.14 1.18 0.00	38.53 0.99 0.44	42.04 1.08 0.76	43.69 1.17 0.90	48.13 1.23 0.58	51.43 1.46 0.47	54.62 1.81 0.52	61.54 1.96 0.00	75.87 2.85 0.00	79.41 3.42 0.00	80.08 3.74 0.00	71.51 3.34 0.00	62.17 2.74 0.00	57.29 2.62 0.00	53.18 2.53 0.00
KCE_NY_6_ESR 323823	47.80 -0.10 0.00	41.42 1.21 0.00	38.65 1.27 0.00	36.18 0.60 0.00	36.12 0.50 0.00	34.96 0.42 0.00	35.28 0.11 0.00	36.02 0.67 0.00	36.55 -0.07 0.00	37.70 -0.26 0.00	37.73 -0.26 0.00	41.51 -0.21 0.00	42.93 -0.48 0.00	47.95 0.47 0.00	50.89 0.45 0.00	54.24 0.91 0.00	61.66 2.08 0.00	74.71 1.68 0.00	76.98 0.99 0.00	76.95 0.61 0.00	68.44 0.27 0.00	60.20 0.77 0.00	55.81 1.15 0.00	52.06 1.42 0.00
KEDC_PORT_JEFF_GT2 24210	51.49 3.59 0.00	42.99 2.77 0.00	39.62 2.24 0.00	37.42 1.85 0.00	37.36 1.74 0.00	36.58 2.04 0.00	37.63 2.46 0.00	37.54 2.19 0.00	39.34 2.71 0.00	41.42 3.45 0.00	42.25 3.76 -0.49	46.69 4.13 -0.84	47.99 3.60 -0.98	50.35 2.37 -0.51	53.88 3.23 -0.21	56.64 3.46 0.16	62.91 3.33 0.00	74.71 2.70 1.02	77.55 2.36 0.80	76.70 1.83 1.47	58.43 1.23 10.96	53.22 0.72 6.93	49.15 0.99 6.50	48.98 1.67 3.34
KEDC_PORT_JEFF_GT3 24211	51.49 3.59 0.00	42.99 2.77 0.00	39.62 2.24 0.00	37.42 1.85 0.00	37.36 1.74 0.00	36.58 2.04 0.00	37.63 2.46 0.00	37.54 2.19 0.00	39.34 2.71 0.00	41.42 3.45 0.00	42.25 3.76 -0.49	46.69 4.13 -0.84	47.99 3.60 -0.98	50.35 2.37 -0.51	53.88 3.23 -0.21	56.64 3.46 0.16	62.91 3.33 0.00	74.71 2.70 1.02	77.55 2.36 0.80	76.70 1.83 1.47	58.43 1.23 10.96	53.22 0.72 6.93	49.15 0.99 6.50	48.98 1.67 3.34
KEDC_GLWD_GT4 24219	51.53 3.64 0.00	42.91 2.69 0.00	39.70 2.32 0.00	37.67 2.10 0.00	37.72 2.10 0.00	36.72 2.18 0.00	37.53 2.36 0.00	37.72 2.37 0.00	39.19 2.56 0.00	40.93 2.96 0.00	41.71 3.23 -0.49	46.10 3.54 -0.84	47.95 3.56 -0.98	51.38 3.27 -0.63	54.69 3.73 -0.52	57.91 4.00 -0.57	62.85 3.27 0.00	76.39 3.36 0.00	79.18 3.19 0.00	79.17 2.83 0.00	66.03 1.91 4.04	58.51 1.49 2.41	54.68 2.24 2.23	52.22 2.68 1.11
KEDC_GLWD_GT5 24220	51.53 3.64 0.00	42.91 2.69 0.00	39.70 2.32 0.00	37.67 2.10 0.00	37.72 2.10 0.00	36.72 2.18 0.00	37.53 2.36 0.00	37.72 2.37 0.00	39.19 2.56 0.00	40.93 2.96 0.00	41.71 3.23 -0.49	46.10 3.54 -0.84	47.95 3.56 -0.98	51.38 3.27 -0.63	54.69 3.73 -0.52	57.91 4.00 -0.57	62.85 3.27 0.00	76.39 3.36 0.00	79.18 3.19 0.00	79.17 2.83 0.00	66.03 1.91 4.04	58.51 1.49 2.41	54.68 2.24 2.23	52.22 2.68 1.11
KENSICO____ 23655	51.01 3.11 0.00	42.51 2.29 0.00	39.44 2.06 0.00	37.60 2.03 0.00	37.65 2.03 0.00	36.58 2.04 0.00	37.28 2.11 0.00	37.51 2.16 0.00	38.75 2.12 0.00	40.24 2.28 0.00	40.95 2.47 -0.49	45.30 2.75 -0.83	47.17 2.78 -0.98	51.00 2.90 -0.63	54.08 3.13 -0.51	57.26 3.36 -0.57	62.50 2.92 0.00	76.17 3.14 0.00	79.18 3.19 0.00	79.24 2.90 0.00	70.28 2.11 0.00	61.15 1.72 0.00	57.02 2.35 0.00	53.28 2.63 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.01 3.11 0.00	42.55 2.33 0.00	39.44 2.06 0.00	37.53 1.96 0.00	37.61 1.99 0.00	36.55 2.00 0.00	37.21 2.04 0.00	37.37 2.01 0.00	38.53 1.90 0.00	39.90 1.94 0.00	40.34 2.01 -0.33	44.54 2.25 -0.57	46.47 2.39 -0.67	50.56 2.66 -0.43	53.76 2.98 -0.35	57.08 3.36 -0.39	62.80 3.22 0.00	76.90 3.87 0.00	80.09 4.10 0.00	80.31 3.97 0.00	71.30 3.14 0.00	61.99 2.56 0.00	57.67 3.01 0.00	53.79 3.14 0.00

KIAC_JFK_GT1 23816	51.34 3.45 0.00	42.67 2.45 0.00	39.47 2.09 0.00	37.64 2.06 0.00	37.90 2.28 0.00	36.89 2.35 0.00	37.67 2.50 0.00	37.75 2.40 0.00	39.08 2.45 0.00	40.62 2.66 0.00	41.18 2.70 -0.49	45.55 3.00 -0.83	47.52 3.13 -0.98	51.43 3.32 -0.63	54.48 3.53 -0.51	57.74 3.84 -0.57	62.80 3.22 0.00	76.46 3.43 0.00	79.49 3.50 0.00	79.47 3.13 0.00	70.48 2.32 0.00	61.15 1.72 0.00	57.51 2.84 0.00	53.64 2.99 0.00
KIAC_JFK_GT2 23817	51.34 3.45 0.00	42.67 2.45 0.00	39.47 2.09 0.00	37.64 2.06 0.00	37.90 2.28 0.00	36.89 2.35 0.00	37.67 2.50 0.00	37.75 2.40 0.00	39.08 2.45 0.00	40.62 2.66 0.00	41.18 2.70 -0.49	45.55 3.00 -0.83	47.52 3.13 -0.98	51.43 3.32 -0.63	54.48 3.53 -0.51	57.74 3.84 -0.57	62.80 3.22 0.00	76.46 3.43 0.00	79.49 3.50 0.00	79.47 3.13 0.00	70.48 2.32 0.00	61.15 1.72 0.00	57.51 2.84 0.00	53.64 2.99 0.00
KIAC_JFK____ 323774	51.35 3.45 0.00	42.67 2.45 0.00	39.47 2.09 0.00	37.60 2.03 0.00	37.90 2.28 0.00	36.86 2.31 0.00	37.67 2.50 0.00	37.76 2.41 0.00	39.12 2.49 0.00	40.70 2.73 0.00	41.21 2.74 -0.49	45.59 3.04 -0.83	47.61 3.21 -0.98	51.43 3.32 -0.63	54.48 3.53 -0.51	57.75 3.84 -0.57	62.80 3.22 0.00	76.46 3.43 0.00	79.41 3.42 0.00	79.47 3.13 0.00	70.49 2.32 0.00	61.16 1.72 0.00	57.29 2.62 0.00	53.63 2.99 0.00
KINTIGH__24_KV_GSU 356498	46.98 -0.91 0.00	40.58 0.36 0.00	37.90 0.52 0.00	35.58 0.00 0.00	35.48 -0.14 0.00	34.37 -0.17 0.00	34.71 -0.46 0.00	35.39 0.04 0.00	36.04 -0.59 0.00	37.16 -0.80 0.00	37.19 -0.80 0.00	40.92 -0.79 0.00	42.33 -1.08 0.00	47.09 -0.38 0.00	49.98 -0.45 0.00	53.28 -0.05 0.00	60.48 0.90 0.00	73.32 0.29 0.00	75.76 -0.23 0.00	75.73 -0.61 0.00	67.42 -0.75 0.00	59.19 -0.24 0.00	54.83 0.16 0.00	51.05 0.40 0.00
KINTIGH____ 23543	46.94 -0.96 0.00	40.58 0.36 0.00	37.90 0.52 0.00	35.47 -0.11 0.00	35.47 -0.14 0.00	34.30 -0.24 0.00	34.71 -0.46 0.00	35.39 0.04 0.00	36.01 -0.62 0.00	37.13 -0.84 0.00	37.19 -0.80 0.00	40.76 -0.96 0.00	42.33 -1.09 0.00	47.09 -0.38 0.00	49.98 -0.45 0.00	53.28 -0.05 0.00	60.47 0.89 0.00	73.17 0.15 0.00	75.61 -0.38 0.00	75.73 -0.61 0.00	67.42 -0.75 0.00	59.07 -0.36 0.00	53.90 -0.77 0.00	50.90 0.25 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.23 0.34 0.00	40.42 0.20 0.00	37.49 0.11 0.00	35.58 0.00 0.00	35.65 0.04 0.00	34.61 0.07 0.00	35.28 0.11 0.00	35.35 0.00 0.00	36.92 0.29 0.00	38.38 0.42 0.00	38.37 0.38 0.00	42.18 0.46 0.00	43.89 0.48 0.00	48.00 0.52 0.00	50.24 -0.20 0.00	52.53 -0.80 0.00	58.92 -0.66 0.00	72.81 -0.22 0.00	75.84 -0.15 0.00	76.57 0.23 0.00	68.78 0.61 0.00	60.32 0.48 -0.41	54.67 0.00 0.00	50.65 0.00 0.00
LACHUTE____HYDRO 323717	51.20 3.30 0.00	42.83 2.61 0.00	39.74 2.36 0.00	37.78 2.21 0.00	37.93 2.31 0.00	36.72 2.18 0.00	37.39 2.22 0.00	37.40 2.05 0.00	38.24 1.61 0.00	39.48 1.52 0.00	38.62 1.06 0.43	42.19 1.21 0.74	43.97 1.43 0.87	48.39 1.47 0.56	51.90 1.92 0.45	55.33 2.51 0.51	62.68 3.10 0.00	78.06 5.03 0.00	82.60 6.61 0.00	84.05 7.71 0.00	75.19 7.02 0.00	65.08 5.65 0.00	59.80 5.14 0.00	55.15 4.51 0.00
LAWRNCALV_115KV_TB1 80681	48.14 0.24 0.00	40.42 0.20 0.00	37.53 0.15 0.00	35.61 0.04 0.00	35.72 0.11 0.00	34.68 0.14 0.00	35.35 0.18 0.00	35.32 -0.04 0.00	36.85 0.22 0.00	38.34 0.38 0.00	38.30 0.30 0.00	42.05 0.33 0.00	43.80 0.39 0.00	47.85 0.38 0.00	50.54 0.10 0.00	52.96 -0.37 0.00	59.64 0.06 0.00	73.39 0.37 0.00	76.60 0.61 0.00	77.34 0.99 0.00	69.67 1.50 0.00	66.22 1.43 -5.36	55.43 0.77 0.00	51.05 0.41 0.00
LEDERLE____ 23769	51.10 3.21 0.00	42.63 2.41 0.00	39.55 2.17 0.00	37.67 2.10 0.00	37.75 2.14 0.00	36.68 2.14 0.00	37.39 2.22 0.00	37.58 2.23 0.00	38.83 2.20 0.00	40.28 2.32 0.00	40.95 2.51 -0.46	45.25 2.75 -0.78	47.15 2.82 -0.92	51.06 2.99 -0.59	54.20 3.28 -0.48	57.44 3.57 -0.54	62.74 3.16 0.00	76.53 3.51 0.00	79.41 3.42 0.00	79.40 3.05 0.00	70.48 2.32 0.00	61.33 1.90 0.00	57.18 2.51 0.00	53.43 2.79 0.00
LIGHTHSE_115KV_TB6 355974	47.75 -0.14 0.00	40.30 0.08 0.00	37.42 0.04 0.00	35.50 -0.07 0.00	35.55 -0.07 0.00	34.41 -0.14 0.00	34.96 -0.21 0.00	35.10 -0.25 0.00	36.11 -0.51 0.00	37.47 -0.49 0.00	37.57 -0.42 0.00	41.22 -0.50 0.00	42.93 -0.48 0.00	47.05 -0.43 0.00	50.13 -0.30 0.00	53.07 -0.27 0.00	59.40 -0.18 0.00	72.88 -0.15 0.00	76.29 0.30 0.00	76.95 0.61 0.00	69.05 0.89 0.00	60.80 0.89 -0.48	55.32 0.66 0.00	51.31 0.66 0.00
LINDEN COGEN____ 23786	51.25 3.35 0.00	42.63 2.41 0.00	39.47 2.09 0.00	37.64 2.06 0.00	37.72 2.10 0.00	36.65 2.11 0.00	37.39 2.22 0.00	37.65 2.30 0.00	38.97 2.35 0.00	40.51 2.54 0.00	41.25 2.77 -0.49	45.59 3.04 -0.83	47.61 3.21 -0.98	51.43 3.32 -0.63	54.43 3.48 -0.51	57.58 3.68 -0.57	62.50 2.92 0.00	76.02 3.00 0.00	78.94 2.96 0.01	78.93 2.60 0.01	70.06 1.91 0.01	60.92 1.49 0.00	56.74 2.08 0.00	53.33 2.68 0.00
LINDHRST_69_KV_BK1 356055	52.01 4.12 0.00	43.32 3.10 0.00	39.85 2.47 0.00	37.99 2.42 0.00	37.90 2.28 0.00	37.06 2.52 0.00	37.77 2.60 0.00	37.86 2.51 0.00	39.48 2.86 0.00	41.57 3.61 0.00	42.35 3.88 -0.49	46.76 4.21 -0.83	48.08 3.69 -0.98	51.10 3.04 -0.59	54.62 3.78 -0.40	57.70 4.05 -0.31	63.39 3.81 0.00	76.54 3.87 0.36	79.36 3.65 0.28	78.96 3.13 0.52	60.28 1.98 9.86	55.01 1.60 6.02	51.11 2.13 5.68	50.25 2.48 2.88
LIPA_MISC_IPP 23656	51.25 3.35 0.00	42.75 2.53 0.00	39.29 1.91 0.00	37.60 2.03 0.00	37.50 1.89 0.00	36.72 2.18 0.00	37.56 2.39 0.00	37.33 1.98 0.00	39.05 2.42 0.00	41.19 3.23 0.00	42.01 3.53 -0.49	46.43 3.88 -0.83	47.43 3.04 -0.98	50.29 2.28 -0.54	53.81 3.08 -0.29	56.68 3.31 -0.04	62.74 3.16 0.00	75.28 2.99 0.74	78.07 2.66 0.58	77.41 2.14 1.07	58.05 0.89 11.00	53.05 0.48 6.85	49.24 1.09 6.52	48.72 1.42 3.35
LISF____SOLAR 323691	51.35 3.45 0.00	42.83 2.61 0.00	39.51 2.13 0.00	37.28 1.71 0.00	37.22 1.60 0.00	36.44 1.90 0.00	37.63 2.46 0.00	37.40 2.05 0.00	39.19 2.56 0.00	41.30 3.34 0.00	42.13 3.65 -0.49	46.56 4.01 -0.84	47.82 3.43 -0.98	50.29 2.28 -0.54	53.85 3.13 -0.28	56.76 3.42 -0.01	62.85 3.27 0.00	75.38 3.14 0.78	78.27 2.89 0.61	77.59 2.37 1.12	58.34 1.16 10.99	53.23 0.65 6.86	49.03 0.87 6.51	48.87 1.57 3.34
LITTLE FALLS____HYD 24013	47.99 0.10 0.00	40.30 0.08 0.00	37.42 0.04 0.00	35.58 0.00 0.00	35.62 0.00 0.00	34.54 0.00 0.00	35.17 0.00 0.00	35.32 -0.04 0.00	36.48 -0.15 0.00	37.85 -0.11 0.00	37.88 -0.11 0.00	41.59 -0.13 0.00	43.32 -0.09 0.00	47.24 -0.24 0.00	50.29 -0.15 0.00	53.17 -0.16 0.00	59.28 -0.30 0.00	72.73 -0.29 0.00	75.84 -0.15 0.00	76.19 -0.15 0.00	68.17 0.00 0.00	59.49 0.06 0.00	54.67 0.00 0.00	50.70 0.05 0.00

LITTLRIV_115KV_TB1 356100	48.61 0.72 0.00	40.90 0.68 0.00	37.94 0.56 0.00	35.97 0.39 0.00	36.08 0.46 0.00	35.03 0.48 0.00	35.70 0.53 0.00	35.60 0.25 0.00	37.03 0.40 0.00	38.49 0.53 0.00	38.41 0.42 0.00	42.14 0.42 0.00	43.93 0.52 0.00	48.00 0.52 0.00	50.74 0.30 0.00	53.17 -0.16 0.00	59.94 0.36 0.00	73.90 0.88 0.00	77.43 1.44 0.00	78.40 2.06 0.00	70.76 2.59 0.00	66.93 2.38 -5.12	56.20 1.53 0.00	51.71 1.06 0.00
LI_NEWBRDGE___DRP 323616	51.20 3.30 0.00	42.63 2.41 0.00	39.29 1.91 0.00	37.46 1.89 0.00	37.40 1.78 0.00	36.55 2.00 0.00	37.25 2.08 0.00	37.37 2.01 0.00	38.90 2.27 0.00	40.85 2.89 0.00	41.52 3.04 -0.49	45.85 3.30 -0.83	47.26 2.87 -0.98	50.43 2.33 -0.63	53.87 2.93 -0.51	57.00 3.09 -0.57	62.26 2.68 0.00	75.58 2.56 0.00	78.27 2.28 0.00	78.25 1.91 0.00	57.40 0.95 11.72	53.12 0.71 7.02	49.03 1.37 7.00	48.71 1.67 3.61
LOCKPORT_115KV_TB60_63_64 80432	47.27 -0.62 0.00	41.18 0.97 0.00	38.50 1.12 0.00	35.58 0.00 0.00	35.90 0.28 0.00	34.72 0.17 0.00	35.06 -0.11 0.00	35.81 0.46 0.00	36.19 -0.44 0.00	37.01 -0.95 0.00	37.12 -0.87 0.00	40.63 -1.08 0.00	42.20 -1.22 0.00	47.14 -0.33 0.00	50.03 -0.40 0.00	53.33 0.00 0.00	60.71 1.13 0.00	73.46 0.44 0.00	75.76 -0.23 0.00	75.89 -0.46 0.00	67.48 -0.68 0.00	59.25 -0.18 0.00	54.01 -0.66 0.00	51.46 0.81 0.00
LOCKPORT___CC1 323769	47.27 -0.62 0.00	41.14 0.93 0.00	38.43 1.05 0.00	35.68 0.11 0.00	35.83 0.21 0.00	34.47 -0.07 0.00	35.03 -0.14 0.00	35.78 0.43 0.00	36.23 -0.40 0.00	37.09 -0.87 0.00	37.12 -0.87 0.00	40.84 -0.88 0.00	42.20 -1.22 0.00	47.14 -0.33 0.00	49.98 -0.45 0.00	53.33 0.00 0.00	60.71 1.13 0.00	73.54 0.51 0.00	75.91 -0.08 0.00	75.81 -0.53 0.00	67.42 -0.75 0.00	59.31 -0.12 0.00	55.05 0.39 0.00	51.56 0.91 0.00
LOCKPORT___CC2 323770	47.27 -0.62 0.00	41.14 0.93 0.00	38.43 1.05 0.00	35.68 0.11 0.00	35.83 0.21 0.00	34.47 -0.07 0.00	35.03 -0.14 0.00	35.78 0.43 0.00	36.23 -0.40 0.00	37.09 -0.87 0.00	37.12 -0.87 0.00	40.84 -0.88 0.00	42.20 -1.22 0.00	47.14 -0.33 0.00	49.98 -0.45 0.00	53.33 0.00 0.00	60.71 1.13 0.00	73.54 0.51 0.00	75.91 -0.08 0.00	75.81 -0.53 0.00	67.42 -0.75 0.00	59.31 -0.12 0.00	55.05 0.39 0.00	51.56 0.91 0.00
LOCKPORT___CC3 323771	47.27 -0.62 0.00	41.14 0.93 0.00	38.43 1.05 0.00	35.68 0.11 0.00	35.83 0.21 0.00	34.47 -0.07 0.00	35.03 -0.14 0.00	35.78 0.43 0.00	36.23 -0.40 0.00	37.09 -0.87 0.00	37.12 -0.87 0.00	40.84 -0.88 0.00	42.20 -1.22 0.00	47.14 -0.33 0.00	49.98 -0.45 0.00	53.33 0.00 0.00	60.71 1.13 0.00	73.54 0.51 0.00	75.91 -0.08 0.00	75.81 -0.53 0.00	67.42 -0.75 0.00	59.31 -0.12 0.00	55.05 0.39 0.00	51.56 0.91 0.00
LOCUSVLY_69_KV_BK2 55797	51.68 3.78 0.00	42.99 2.78 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.75 2.14 0.00	36.86 2.31 0.00	37.56 2.39 0.00	37.72 2.37 0.00	39.23 2.60 0.00	41.11 3.15 0.00	41.90 3.42 -0.49	46.31 3.75 -0.83	47.82 3.43 -0.98	51.33 3.23 -0.63	54.74 3.78 -0.52	57.96 4.05 -0.57	63.15 3.57 0.00	76.75 3.72 0.00	79.56 3.57 0.00	79.47 3.13 0.00	64.30 2.04 5.91	57.51 1.60 3.53	53.54 2.24 3.36	51.49 2.53 1.69
LONG_LAKE_PHOENIX 24014	47.13 -0.77 0.00	39.74 -0.48 0.00	36.93 -0.45 0.00	35.08 -0.50 0.00	35.12 -0.50 0.00	34.03 -0.52 0.00	34.57 -0.60 0.00	34.86 -0.49 0.00	35.93 -0.70 0.00	37.24 -0.72 0.00	37.31 -0.68 0.00	40.97 -0.75 0.00	42.63 -0.78 0.00	46.81 -0.66 0.00	49.83 -0.61 0.00	52.85 -0.48 0.00	59.22 -0.36 0.00	72.44 -0.58 0.00	75.46 -0.53 0.00	75.81 -0.53 0.00	67.76 -0.41 0.00	59.07 -0.36 0.00	54.28 -0.38 0.00	50.44 -0.20 0.00
LOVETT___3 23632	50.77 2.87 0.00	42.35 2.13 0.00	39.29 1.91 0.00	37.46 1.89 0.00	37.54 1.92 0.00	36.48 1.93 0.00	37.17 2.00 0.00	37.40 2.05 0.00	38.61 1.98 0.00	40.05 2.09 0.00	40.73 2.28 -0.46	45.01 2.50 -0.79	46.86 2.52 -0.93	50.73 2.66 -0.60	53.80 2.87 -0.49	56.97 3.09 -0.54	62.20 2.62 0.00	75.87 2.85 0.00	78.65 2.66 0.00	78.71 2.37 0.00	69.87 1.70 0.00	60.80 1.37 0.00	56.69 2.02 0.00	52.98 2.33 0.00
LOVETT___4 23642	50.77 2.87 0.00	42.35 2.13 0.00	39.29 1.91 0.00	37.46 1.89 0.00	37.54 1.92 0.00	36.48 1.93 0.00	37.17 2.00 0.00	37.40 2.05 0.00	38.61 1.98 0.00	40.05 2.09 0.00	40.73 2.28 -0.46	45.01 2.50 -0.79	46.86 2.52 -0.93	50.73 2.66 -0.60	53.80 2.87 -0.49	56.97 3.09 -0.54	62.20 2.62 0.00	75.87 2.85 0.00	78.65 2.66 0.00	78.71 2.37 0.00	69.87 1.70 0.00	60.80 1.37 0.00	56.69 2.02 0.00	52.98 2.33 0.00
LOVETT___5 23593	50.77 2.87 0.00	42.35 2.13 0.00	39.29 1.91 0.00	37.46 1.89 0.00	37.54 1.92 0.00	36.48 1.93 0.00	37.17 2.00 0.00	37.40 2.05 0.00	38.61 1.98 0.00	40.05 2.09 0.00	40.73 2.28 -0.46	45.01 2.50 -0.79	46.86 2.52 -0.93	50.73 2.66 -0.60	53.80 2.87 -0.49	56.97 3.09 -0.54	62.20 2.62 0.00	75.87 2.85 0.00	78.65 2.66 0.00	78.71 2.37 0.00	69.87 1.70 0.00	60.80 1.37 0.00	56.69 2.02 0.00	52.98 2.33 0.00
LOWER RAQUET___HYD 24057	48.18 0.29 0.00	40.50 0.28 0.00	37.57 0.19 0.00	35.65 0.07 0.00	35.76 0.14 0.00	34.72 0.17 0.00	35.38 0.21 0.00	35.35 0.00 0.00	36.85 0.22 0.00	38.34 0.38 0.00	38.29 0.30 0.00	42.05 0.33 0.00	43.80 0.39 0.00	47.85 0.38 0.00	50.54 0.10 0.00	52.96 -0.37 0.00	59.64 0.06 0.00	73.47 0.44 0.00	76.75 0.76 0.00	77.56 1.22 0.00	69.80 1.63 0.00	65.93 1.61 -4.90	55.54 0.87 0.00	51.15 0.51 0.00
LOWER___HUDSON 24059	49.76 1.87 0.00	41.63 1.41 0.00	38.72 1.34 0.00	36.96 1.39 0.00	37.00 1.39 0.00	35.93 1.38 0.00	36.54 1.37 0.00	36.73 1.38 0.00	37.76 1.14 0.00	39.02 1.06 0.00	38.33 0.91 0.57	41.69 0.96 0.98	43.29 1.04 1.16	47.73 1.00 0.75	50.99 1.16 0.61	54.04 1.38 0.68	60.89 1.31 0.00	74.85 1.83 0.00	78.04 2.05 0.00	78.48 2.13 0.00	69.94 1.77 0.00	60.97 1.54 0.00	56.19 1.53 0.00	52.27 1.62 0.00
LOWVILLE_115KV_TB2 356335	49.24 1.34 0.00	41.51 1.29 0.00	38.50 1.12 0.00	36.50 0.92 0.00	36.54 0.93 0.00	35.48 0.93 0.00	36.15 0.98 0.00	36.13 0.78 0.00	37.18 0.55 0.00	38.49 0.53 0.00	38.45 0.46 0.00	42.18 0.46 0.00	43.97 0.56 0.00	47.71 0.24 0.00	50.74 0.30 0.00	53.55 0.21 0.00	60.06 0.48 0.00	73.97 0.95 0.00	77.97 1.98 0.00	79.02 2.67 0.00	71.30 3.14 0.00	64.08 3.27 -1.38	57.18 2.51 0.00	52.83 2.18 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	50.15 2.25 0.00	41.99 1.77 0.00	39.03 1.64 0.00	37.18 1.60 0.00	37.26 1.64 0.00	36.13 1.59 0.00	36.79 1.62 0.00	36.87 1.52 0.00	38.13 1.50 0.00	39.41 1.44 0.00	38.76 1.22 0.44	42.33 1.38 0.76	43.99 1.48 0.90	48.13 1.23 0.58	51.43 1.46 0.47	54.57 1.76 0.52	61.49 1.91 0.00	75.80 2.77 0.00	79.33 3.34 0.00	80.01 3.66 0.00	71.44 3.27 0.00	62.11 2.67 0.00	57.34 2.68 0.00	53.13 2.48 0.00

LUTHERNY_35_KV_BK2 355980	50.19 2.30 0.00	41.99 1.77 0.00	39.03 1.64 0.00	37.21 1.64 0.00	37.29 1.67 0.00	36.17 1.62 0.00	36.79 1.62 0.00	36.91 1.56 0.00	38.17 1.54 0.00	39.44 1.48 0.00	38.80 1.25 0.44	42.33 1.38 0.76	44.03 1.52 0.90	48.18 1.28 0.58	51.43 1.46 0.47	54.62 1.81 0.52	61.55 1.97 0.00	75.87 2.85 0.00	79.41 3.42 0.00	80.08 3.74 0.00	71.51 3.34 0.00	62.17 2.73 0.00	57.40 2.73 0.00	53.18 2.53 0.00
LWR___OSWEGATCHIE_HYD 23850	48.61 0.72 0.00	40.90 0.68 0.00	37.94 0.56 0.00	35.97 0.39 0.00	36.08 0.46 0.00	35.03 0.48 0.00	35.66 0.49 0.00	35.63 0.28 0.00	36.88 0.26 0.00	38.30 0.34 0.00	38.26 0.27 0.00	41.97 0.25 0.00	43.76 0.35 0.00	47.71 0.24 0.00	50.59 0.15 0.00	53.23 -0.11 0.00	59.76 0.18 0.00	73.68 0.66 0.00	77.43 1.44 0.00	78.33 1.98 0.00	70.62 2.45 0.00	65.18 2.44 -3.32	56.36 1.69 0.00	51.96 1.32 0.00
LYONS_FALL_HYD 23570	49.14 1.24 0.00	41.39 1.17 0.00	38.43 1.05 0.00	36.47 0.89 0.00	36.51 0.89 0.00	35.44 0.90 0.00	36.12 0.95 0.00	36.13 0.78 0.00	37.21 0.58 0.00	38.53 0.57 0.00	38.52 0.53 0.00	42.26 0.54 0.00	44.06 0.65 0.00	47.95 0.47 0.00	51.04 0.61 0.00	54.02 0.69 0.00	60.48 0.90 0.00	74.34 1.32 0.00	78.11 2.12 0.00	79.01 2.67 0.00	71.03 2.86 0.00	63.14 2.79 -0.92	56.91 2.24 0.00	52.62 1.97 0.00
MADISON___COUNTY_LFGE 323628	49.14 1.25 0.00	41.43 1.21 0.00	38.46 1.08 0.00	36.50 0.92 0.00	36.54 0.93 0.00	35.44 0.90 0.00	36.08 0.91 0.00	36.20 0.85 0.00	37.25 0.62 0.00	38.57 0.61 0.00	38.56 0.57 0.00	42.34 0.63 0.00	44.15 0.74 0.00	48.37 0.90 0.00	51.60 1.16 0.00	54.72 1.39 0.00	61.25 1.67 0.00	75.14 2.12 0.00	78.57 2.58 0.00	79.09 2.75 0.00	70.96 2.79 0.00	62.09 2.38 -0.28	56.63 1.97 0.00	52.52 1.87 0.00
MALONE___115KV_TB1 356076	48.37 0.48 0.00	40.58 0.36 0.00	37.64 0.26 0.00	35.72 0.14 0.00	35.79 0.18 0.00	34.79 0.24 0.00	35.45 0.28 0.00	35.53 0.18 0.00	37.10 0.48 0.00	38.57 0.61 0.00	38.60 0.61 0.00	42.34 0.63 0.00	44.11 0.69 0.00	48.23 0.76 0.00	50.74 0.30 0.00	53.23 -0.11 0.00	59.76 0.18 0.00	73.83 0.80 0.00	76.98 0.99 0.00	77.64 1.30 0.00	69.94 1.77 0.00	62.70 1.49 -1.79	55.48 0.82 0.00	51.15 0.51 0.00
MAPLEWOD_115KV_TB3 80458	49.62 1.72 0.00	41.47 1.25 0.00	38.61 1.23 0.00	36.86 1.28 0.00	36.90 1.28 0.00	35.82 1.28 0.00	36.44 1.27 0.00	36.59 1.24 0.00	37.69 1.06 0.00	38.99 1.02 0.00	38.51 0.95 0.43	42.03 1.04 0.73	43.68 1.13 0.86	47.82 0.90 0.56	50.99 1.01 0.45	54.06 1.23 0.50	60.65 1.07 0.00	74.56 1.53 0.00	77.74 1.75 0.00	78.10 1.76 0.00	69.53 1.36 0.00	60.62 1.19 0.00	56.03 1.37 0.00	51.96 1.32 0.00
MAPLE_RIDGE_WT_1 323574	47.80 -0.10 0.00	40.14 -0.08 0.00	37.31 -0.07 0.00	35.47 -0.11 0.00	35.55 -0.07 0.00	34.44 -0.10 0.00	35.10 -0.07 0.00	35.25 -0.11 0.00	36.55 -0.07 0.00	37.92 -0.04 0.00	37.92 -0.08 0.00	41.59 -0.12 0.00	43.24 -0.17 0.00	47.24 -0.24 0.00	50.09 -0.35 0.00	52.90 -0.43 0.00	59.10 -0.48 0.00	72.59 -0.44 0.00	75.69 -0.30 0.00	76.19 -0.15 0.00	68.03 -0.14 0.00	59.31 -0.12 0.00	54.45 -0.22 0.00	50.35 -0.30 0.00
MAPLE_RIDGE_WT_2 323611	47.80 -0.10 0.00	40.14 -0.08 0.00	37.31 -0.07 0.00	35.47 -0.11 0.00	35.55 -0.07 0.00	34.44 -0.10 0.00	35.10 -0.07 0.00	35.25 -0.11 0.00	36.55 -0.07 0.00	37.92 -0.04 0.00	37.92 -0.08 0.00	41.59 -0.12 0.00	43.24 -0.17 0.00	47.24 -0.24 0.00	50.09 -0.35 0.00	52.90 -0.43 0.00	59.10 -0.48 0.00	72.59 -0.44 0.00	75.69 -0.30 0.00	76.19 -0.15 0.00	68.03 -0.14 0.00	59.31 -0.12 0.00	54.45 -0.22 0.00	50.35 -0.30 0.00
MARBLE_RIVER_WT_PWR 323696	47.61 -0.29 0.00	39.90 -0.32 0.00	37.01 -0.37 0.00	35.18 -0.39 0.00	35.23 -0.39 0.00	34.20 -0.35 0.00	34.89 -0.28 0.00	34.96 -0.39 0.00	36.59 -0.04 0.00	38.00 0.04 0.00	37.99 0.00 0.00	41.72 0.00 0.00	43.45 0.04 0.00	47.52 0.05 0.00	49.98 -0.45 0.00	52.37 -0.96 0.00	58.69 -0.89 0.00	72.30 -0.73 0.00	75.38 -0.61 0.00	75.96 -0.38 0.00	68.10 -0.07 0.00	59.67 -0.06 -0.30	54.23 -0.44 0.00	50.09 -0.56 0.00
MARSHVLE_115KV_TB1 80742	51.58 3.69 0.00	43.24 3.02 0.00	40.11 2.73 0.00	38.17 2.60 0.00	38.25 2.64 0.00	37.06 2.52 0.00	37.46 2.29 0.00	37.19 1.84 0.00	37.91 1.28 0.00	39.10 1.14 0.00	38.83 1.10 0.26	42.36 1.08 0.44	44.23 1.35 0.52	48.70 1.57 0.34	52.08 1.92 0.27	55.27 2.24 0.30	62.08 2.50 0.00	77.26 4.24 0.00	81.46 5.47 0.00	83.06 6.72 0.00	74.64 6.48 0.00	64.78 5.35 0.00	59.58 4.92 0.00	55.16 4.51 0.00
MARSH_HILL_WT_PWR 323713	48.85 0.96 0.00	41.83 1.61 0.00	38.99 1.61 0.00	36.68 1.10 0.00	36.65 1.03 0.00	35.48 0.93 0.00	35.84 0.67 0.00	36.27 0.92 0.00	36.77 0.15 0.00	37.96 0.00 0.00	37.95 -0.04 0.00	41.72 0.00 0.00	43.24 -0.17 0.00	48.00 0.52 0.00	50.94 0.50 0.00	54.24 0.91 0.00	61.31 1.73 0.00	74.92 1.90 0.00	77.89 1.90 0.00	78.48 2.13 0.00	70.21 2.04 0.00	61.39 1.96 0.00	56.69 2.02 0.00	52.87 2.23 0.00
MCINTYRE_115KV_TB2 80467	48.76 0.86 0.00	41.02 0.80 0.00	38.05 0.67 0.00	36.11 0.53 0.00	36.19 0.57 0.00	35.13 0.59 0.00	35.80 0.63 0.00	35.60 0.25 0.00	37.07 0.44 0.00	38.46 0.49 0.00	38.37 0.38 0.00	42.09 0.38 0.00	43.84 0.43 0.00	47.95 0.47 0.00	50.69 0.25 0.00	53.17 -0.16 0.00	59.94 0.36 0.00	73.97 0.95 0.00	77.59 1.60 0.00	78.71 2.37 0.00	71.10 2.93 0.00	67.53 2.61 -5.48	56.36 1.69 0.00	51.81 1.16 0.00
MECO_____69_KV_BK1 80468	51.92 4.02 0.00	43.44 3.22 0.00	40.33 2.95 0.00	38.39 2.81 0.00	38.47 2.85 0.00	37.24 2.69 0.00	37.77 2.60 0.00	37.65 2.30 0.00	38.46 1.83 0.00	39.63 1.67 0.00	39.26 1.56 0.29	42.90 1.67 0.49	44.74 1.91 0.58	49.24 2.14 0.37	52.61 2.47 0.30	55.93 2.93 0.34	62.98 3.40 0.00	78.36 5.33 0.00	82.60 6.61 0.00	83.90 7.56 0.00	75.19 7.02 0.00	65.26 5.82 0.00	60.02 5.36 0.00	55.51 4.86 0.00
MENANDS___115KV_TB5 355628	49.43 1.53 0.00	41.30 1.09 0.00	38.43 1.05 0.00	36.71 1.14 0.00	36.76 1.14 0.00	35.68 1.14 0.00	36.30 1.13 0.00	36.48 1.13 0.00	37.54 0.92 0.00	38.84 0.87 0.00	38.40 0.84 0.43	41.91 0.92 0.73	43.51 0.96 0.86	47.58 0.66 0.55	50.74 0.76 0.45	53.74 0.91 0.50	60.29 0.71 0.00	74.05 1.02 0.00	77.13 1.14 0.00	77.49 1.15 0.00	68.98 0.82 0.00	60.09 0.65 0.00	55.59 0.93 0.00	51.61 0.96 0.00
MG INDUSTRY___DRP 24185	49.33 1.44 0.00	41.26 1.05 0.00	38.39 1.01 0.00	36.68 1.10 0.00	36.72 1.10 0.00	35.61 1.07 0.00	36.23 1.06 0.00	36.34 0.99 0.00	37.36 0.73 0.00	38.65 0.68 0.00	38.41 0.65 0.23	42.03 0.71 0.40	43.68 0.74 0.47	47.69 0.52 0.30	50.80 0.61 0.24	53.86 0.80 0.27	60.24 0.66 0.00	73.97 0.95 0.00	77.05 1.06 0.00	77.56 1.22 0.00	69.12 0.95 0.00	60.20 0.77 0.00	55.65 0.98 0.00	51.71 1.06 0.00

MID___OSWEGATCHIE_HYD 23849	48.61 0.72 0.00	40.90 0.68 0.00	37.94 0.56 0.00	35.97 0.39 0.00	36.08 0.46 0.00	35.03 0.48 0.00	35.66 0.49 0.00	35.63 0.28 0.00	36.88 0.26 0.00	38.30 0.34 0.00	38.26 0.27 0.00	41.97 0.25 0.00	43.76 0.35 0.00	47.71 0.24 0.00	50.59 0.15 0.00	53.23 -0.11 0.00	59.76 0.18 0.00	73.68 0.66 0.00	77.43 1.44 0.00	78.33 1.98 0.00	70.62 2.45 0.00	65.18 2.44 -3.32	56.36 1.69 0.00	51.96 1.32 0.00
MID___RAQUETTE_HYD 23851	48.18 0.29 0.00	40.50 0.28 0.00	37.57 0.19 0.00	35.65 0.07 0.00	35.76 0.14 0.00	34.72 0.17 0.00	35.38 0.21 0.00	35.35 0.00 0.00	36.85 0.22 0.00	38.34 0.38 0.00	38.30 0.30 0.00	42.05 0.33 0.00	43.80 0.39 0.00	47.85 0.38 0.00	50.54 0.10 0.00	52.96 -0.37 0.00	59.64 0.06 0.00	73.46 0.44 0.00	76.75 0.76 0.00	77.56 1.22 0.00	69.87 1.70 0.00	65.93 1.60 -4.90	55.54 0.87 0.00	51.15 0.51 0.00
MILLIKEN___1 23584	48.76 0.86 0.00	41.18 0.97 0.00	38.28 0.90 0.00	36.29 0.71 0.00	36.29 0.68 0.00	35.20 0.66 0.00	35.77 0.60 0.00	36.02 0.67 0.00	36.96 0.33 0.00	38.30 0.34 0.00	38.30 0.30 0.00	42.05 0.33 0.00	43.76 0.35 0.00	48.14 0.66 0.00	51.29 0.86 0.00	54.56 1.23 0.00	61.31 1.73 0.00	75.14 2.12 0.00	78.35 2.36 0.00	78.86 2.52 0.00	70.55 2.39 0.00	61.39 1.96 0.00	56.36 1.69 0.00	52.42 1.77 0.00
MILLIKEN___2 23585	48.76 0.86 0.00	41.18 0.97 0.00	38.28 0.90 0.00	36.29 0.71 0.00	36.29 0.68 0.00	35.20 0.66 0.00	35.77 0.60 0.00	36.02 0.67 0.00	36.96 0.33 0.00	38.30 0.34 0.00	38.30 0.30 0.00	42.05 0.33 0.00	43.76 0.35 0.00	48.14 0.66 0.00	51.29 0.86 0.00	54.56 1.23 0.00	61.31 1.73 0.00	75.14 2.12 0.00	78.35 2.36 0.00	78.86 2.52 0.00	70.55 2.39 0.00	61.39 1.96 0.00	56.36 1.69 0.00	52.42 1.77 0.00
MILLIKEN___DIESEL 23629	48.76 0.86 0.00	41.18 0.97 0.00	38.28 0.90 0.00	36.29 0.71 0.00	36.29 0.68 0.00	35.20 0.66 0.00	35.77 0.60 0.00	36.02 0.67 0.00	36.96 0.33 0.00	38.30 0.34 0.00	38.30 0.30 0.00	42.05 0.33 0.00	43.76 0.35 0.00	48.14 0.66 0.00	51.29 0.86 0.00	54.56 1.23 0.00	61.31 1.73 0.00	75.14 2.12 0.00	78.35 2.36 0.00	78.86 2.52 0.00	70.55 2.39 0.00	61.39 1.96 0.00	56.36 1.69 0.00	52.42 1.77 0.00
MILLSEAT___LFGE 323607	48.04 0.14 0.00	41.63 1.41 0.00	38.91 1.53 0.00	36.11 0.53 0.00	36.29 0.68 0.00	34.96 0.42 0.00	35.52 0.35 0.00	36.20 0.85 0.00	36.70 0.07 0.00	37.62 -0.34 0.00	37.65 -0.34 0.00	41.43 -0.29 0.00	42.89 -0.52 0.00	47.90 0.43 0.00	50.89 0.45 0.00	54.40 1.07 0.00	61.90 2.32 0.00	75.21 2.19 0.00	77.89 1.90 0.00	77.79 1.45 0.00	69.32 1.16 0.00	60.86 1.42 0.00	56.30 1.64 0.00	52.62 1.97 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.87 2.97 0.00	42.43 2.21 0.00	39.32 1.94 0.00	37.50 1.92 0.00	37.54 1.92 0.00	36.51 1.97 0.00	37.21 2.04 0.00	37.40 2.05 0.00	38.64 2.01 0.00	40.09 2.13 0.00	40.79 2.32 -0.48	45.13 2.59 -0.83	46.99 2.60 -0.98	50.85 2.75 -0.63	53.87 2.93 -0.51	57.10 3.20 -0.57	62.32 2.74 0.00	76.02 2.99 0.00	78.95 2.96 0.00	79.02 2.67 0.00	70.14 1.98 0.00	60.98 1.55 0.00	56.91 2.24 0.00	53.13 2.48 0.00
MILLWOOD_13_KV_LOAD 356217	51.01 3.11 0.00	42.51 2.29 0.00	39.40 2.02 0.00	37.57 1.99 0.00	37.61 1.99 0.00	36.58 2.04 0.00	37.28 2.11 0.00	37.47 2.12 0.00	38.72 2.09 0.00	40.16 2.20 0.00	40.83 2.36 -0.48	45.17 2.63 -0.83	47.08 2.69 -0.98	50.95 2.85 -0.63	53.97 3.03 -0.51	57.21 3.31 -0.57	62.44 2.86 0.00	76.17 3.14 0.00	79.18 3.19 0.00	79.24 2.90 0.00	70.35 2.18 0.00	61.15 1.72 0.00	57.07 2.41 0.00	53.28 2.63 0.00
MODEL_CITY_ENERGY 24167	46.94 -0.96 0.00	40.94 0.72 0.00	38.24 0.86 0.00	35.33 -0.25 0.00	35.69 0.07 0.00	34.13 -0.41 0.00	34.85 -0.32 0.00	35.63 0.28 0.00	35.97 -0.66 0.00	36.75 -1.22 0.00	36.77 -1.22 0.00	40.42 -1.29 0.00	41.76 -1.65 0.00	46.67 -0.81 0.00	49.48 -0.96 0.00	52.80 -0.53 0.00	60.05 0.47 0.00	72.73 -0.29 0.00	75.08 -0.91 0.00	74.97 -1.37 0.00	66.67 -1.50 0.00	58.66 -0.77 0.00	54.45 -0.22 0.00	51.21 0.56 0.00
MODERN_LFGE___ 323580	46.94 -0.96 0.00	40.94 0.72 0.00	38.24 0.86 0.00	35.33 -0.25 0.00	35.69 0.07 0.00	34.13 -0.41 0.00	34.85 -0.32 0.00	35.63 0.28 0.00	35.97 -0.66 0.00	36.75 -1.22 0.00	36.77 -1.22 0.00	40.42 -1.29 0.00	41.76 -1.65 0.00	46.67 -0.81 0.00	49.48 -0.96 0.00	52.80 -0.53 0.00	60.05 0.47 0.00	72.73 -0.29 0.00	75.08 -0.91 0.00	74.97 -1.37 0.00	66.67 -1.50 0.00	58.66 -0.77 0.00	54.45 -0.22 0.00	51.21 0.56 0.00
MOHAWK_PAPER___DRP 24187	49.62 1.72 0.00	41.47 1.25 0.00	38.61 1.23 0.00	36.86 1.28 0.00	36.90 1.28 0.00	35.82 1.28 0.00	36.44 1.27 0.00	36.59 1.24 0.00	37.69 1.06 0.00	38.99 1.02 0.00	38.51 0.95 0.43	42.03 1.04 0.73	43.68 1.13 0.86	47.82 0.90 0.56	50.99 1.01 0.45	54.06 1.23 0.50	60.65 1.07 0.00	74.56 1.53 0.00	77.74 1.75 0.00	78.10 1.76 0.00	69.53 1.36 0.00	60.62 1.19 0.00	56.03 1.37 0.00	51.96 1.32 0.00
MOHICAN___35_KV_115KV_LD 80490	50.10 2.20 0.00	41.95 1.73 0.00	38.95 1.57 0.00	37.11 1.53 0.00	37.18 1.57 0.00	36.06 1.52 0.00	36.72 1.55 0.00	36.80 1.45 0.00	38.46 1.83 0.00	39.75 1.78 0.00	38.92 1.37 0.44	42.51 1.54 0.75	44.22 1.69 0.88	47.76 0.85 0.57	50.99 1.01 0.46	54.21 1.39 0.51	61.19 1.61 0.00	75.73 2.70 0.00	79.79 3.80 0.00	80.69 4.35 0.00	72.12 3.95 0.00	62.64 3.21 0.00	57.73 3.06 0.00	53.38 2.73 0.00
MONGAUP___HYD 23641	50.72 2.83 0.00	42.39 2.17 0.00	39.29 1.91 0.00	37.39 1.81 0.00	37.47 1.85 0.00	36.37 1.83 0.00	37.03 1.86 0.00	37.15 1.80 0.00	38.28 1.65 0.00	39.59 1.63 0.00	40.07 1.67 -0.41	44.21 1.79 -0.70	46.15 1.91 -0.83	50.05 2.04 -0.53	53.14 2.27 -0.43	56.43 2.61 -0.48	62.08 2.50 0.00	76.16 3.14 0.00	79.49 3.50 0.00	79.86 3.51 0.00	71.03 2.86 0.00	61.75 2.32 0.00	57.23 2.57 0.00	53.48 2.83 0.00
MONTAUK___DIESEL 23721	53.07 5.17 0.00	44.28 4.06 0.00	40.67 3.29 0.00	38.92 3.34 0.00	38.75 3.13 0.00	38.03 3.49 0.00	38.86 3.69 0.00	38.71 3.36 0.00	40.69 4.07 0.00	43.16 5.20 0.00	44.25 5.77 -0.49	48.93 6.38 -0.83	50.04 5.64 -0.98	53.14 5.13 -0.54	56.88 6.15 -0.29	59.87 6.51 -0.03	66.37 6.79 0.00	79.79 7.52 0.76	82.09 6.69 0.59	80.98 5.73 1.09	60.30 3.14 11.00	54.48 1.90 6.86	50.17 2.02 6.52	49.98 2.68 3.35
MOONROAD_115KV_HARTFLD_TB1-2 355988	49.00 1.10 0.00	42.31 2.09 0.00	39.51 2.13 0.00	36.86 1.28 0.00	36.90 1.28 0.00	35.79 1.24 0.00	36.08 0.91 0.00	36.84 1.48 0.00	37.36 0.73 0.00	38.65 0.68 0.00	38.83 0.84 0.00	42.47 0.75 0.00	44.19 0.78 0.00	49.28 1.80 0.00	52.25 1.82 0.00	55.68 2.35 0.00	63.39 3.81 0.00	76.75 3.72 0.00	78.88 2.89 0.00	78.94 2.60 0.00	70.14 1.98 0.00	61.57 2.14 0.00	56.25 1.59 0.00	53.03 2.38 0.00

MORRIS_RIDGE___SOLAR 323848	48.18 0.29 0.00	41.39 1.17 0.00	38.58 1.20 0.00	36.25 0.67 0.00	36.22 0.60 0.00	35.06 0.52 0.00	35.42 0.25 0.00	35.81 0.46 0.00	36.23 -0.40 0.00	37.35 -0.61 0.00	37.35 -0.65 0.00	41.05 -0.67 0.00	42.54 -0.87 0.00	47.28 -0.19 0.00	50.14 -0.30 0.00	53.39 0.05 0.00	60.41 0.83 0.00	73.68 0.66 0.00	76.53 0.54 0.00	77.03 0.69 0.00	68.92 0.75 0.00	60.38 0.95 0.00	55.87 1.20 0.00	52.12 1.47 0.00
MORTIMER_115KV_TB3 55949	47.56 -0.34 0.00	40.66 0.44 0.00	37.94 0.56 0.00	35.65 0.07 0.00	35.65 0.04 0.00	34.54 0.00 0.00	35.03 -0.14 0.00	35.53 0.18 0.00	36.37 -0.26 0.00	37.62 -0.34 0.00	37.73 -0.27 0.00	41.43 -0.29 0.00	43.11 -0.30 0.00	47.81 0.33 0.00	50.89 0.45 0.00	54.29 0.96 0.00	61.31 1.73 0.00	74.63 1.61 0.00	77.36 1.37 0.00	77.41 1.07 0.00	69.05 0.89 0.00	60.38 0.95 0.00	55.10 0.44 0.00	51.61 0.96 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.39 3.50 0.00	42.79 2.57 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.86 2.24 0.00	36.79 2.25 0.00	37.49 2.32 0.00	37.75 2.40 0.00	39.01 2.38 0.00	40.54 2.58 0.00	41.29 2.81 -0.49	45.68 3.13 -0.83	47.61 3.21 -0.98	51.48 3.37 -0.63	54.53 3.58 -0.51	57.74 3.84 -0.57	62.86 3.28 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.34 2.68 0.00	53.59 2.94 0.00
MUNSVILLE_WIND_PWR 323609	51.58 3.69 0.00	43.68 3.46 0.00	40.52 3.14 0.00	38.28 2.70 0.00	38.25 2.64 0.00	37.17 2.62 0.00	37.92 2.75 0.00	37.93 2.58 0.00	38.64 2.01 0.00	39.86 1.90 0.00	39.78 1.79 0.00	43.68 1.96 0.00	45.62 2.21 0.00	50.23 2.75 0.00	53.87 3.43 0.00	57.44 4.11 0.00	64.64 5.06 0.00	79.45 6.43 0.00	83.51 7.52 0.00	84.21 7.87 0.00	75.60 7.43 0.00	65.55 6.12 0.00	59.97 5.30 0.00	55.56 4.91 0.00
N SALMON___HYD 24042	48.37 0.48 0.00	40.58 0.36 0.00	37.64 0.26 0.00	35.72 0.14 0.00	35.80 0.18 0.00	34.79 0.24 0.00	35.45 0.28 0.00	35.53 0.18 0.00	37.10 0.47 0.00	38.57 0.61 0.00	38.60 0.61 0.00	42.34 0.63 0.00	44.10 0.69 0.00	48.23 0.76 0.00	50.74 0.30 0.00	53.23 -0.11 0.00	59.76 0.18 0.00	73.83 0.80 0.00	76.98 0.99 0.00	77.72 1.38 0.00	69.87 1.70 0.00	62.70 1.49 -1.79	55.49 0.82 0.00	51.15 0.51 0.00
N.AKRON__115KV_KNAPP 355671	47.94 0.05 0.00	41.59 1.37 0.00	38.88 1.50 0.00	35.97 0.39 0.00	36.26 0.64 0.00	35.13 0.59 0.00	35.49 0.32 0.00	36.20 0.85 0.00	36.63 0.00 0.00	37.55 -0.42 0.00	37.61 -0.38 0.00	41.22 -0.50 0.00	42.85 -0.56 0.00	47.85 0.38 0.00	50.84 0.40 0.00	54.29 0.96 0.00	61.78 2.20 0.00	74.92 1.90 0.00	77.51 1.52 0.00	77.56 1.22 0.00	69.12 0.95 0.00	60.62 1.19 0.00	55.16 0.49 0.00	52.37 1.72 0.00
N.E_GEN_SANDY PD 24062	49.91 2.01 0.00	41.66 1.45 0.00	38.76 1.38 0.00	37.00 1.42 0.00	37.04 1.43 0.00	35.99 1.45 0.00	36.65 1.48 0.00	36.84 1.48 0.00	37.94 1.32 0.00	39.25 1.29 0.00	35.98 1.18 3.19	37.50 1.25 5.47	38.27 1.30 6.44	44.61 1.28 4.15	48.48 1.41 3.37	48.78 1.55 6.10	63.18 1.25 -2.35	74.56 1.54 0.00	77.59 1.60 0.00	77.79 1.45 0.00	69.19 1.02 0.00	62.17 0.89 -1.85	53.91 1.09 1.85	52.06 1.42 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.96 3.07 0.00	42.51 2.29 0.00	39.44 2.06 0.00	37.60 2.03 0.00	37.65 2.03 0.00	36.58 2.04 0.00	37.28 2.11 0.00	37.51 2.16 0.00	38.72 2.09 0.00	40.16 2.20 0.00	40.84 2.39 -0.46	45.13 2.63 -0.78	47.03 2.69 -0.92	50.92 2.85 -0.59	54.00 3.08 -0.48	57.23 3.36 -0.54	62.56 2.98 0.00	76.31 3.29 0.00	78.95 2.96 0.00	79.02 2.67 0.00	70.14 1.98 0.00	61.04 1.60 0.00	56.91 2.24 0.00	53.18 2.53 0.00
N.QUEENS_27_KV_LOAD 356247	51.63 3.74 0.00	42.99 2.78 0.00	39.85 2.47 0.00	37.99 2.42 0.00	38.04 2.42 0.00	36.96 2.42 0.00	37.70 2.53 0.00	37.93 2.58 0.00	39.19 2.56 0.00	40.70 2.73 0.00	41.44 2.96 -0.49	45.81 3.25 -0.83	47.69 3.30 -0.98	51.71 3.61 -0.63	54.78 3.83 -0.51	58.06 4.16 -0.57	63.28 3.69 -0.01	76.98 3.94 -0.01	79.95 3.95 -0.01	79.85 3.51 0.00	70.76 2.59 0.00	61.87 2.44 0.00	57.89 3.23 0.00	53.99 3.34 0.00
N.TROY___115KV_TB1 355778	49.76 1.87 0.00	41.63 1.41 0.00	38.73 1.35 0.00	36.96 1.39 0.00	37.01 1.39 0.00	35.92 1.38 0.00	36.54 1.37 0.00	36.73 1.38 0.00	37.84 1.21 0.00	39.10 1.14 0.00	38.41 0.99 0.57	41.82 1.08 0.98	43.38 1.13 1.16	47.72 1.00 0.75	50.99 1.16 0.61	54.04 1.39 0.68	60.89 1.31 0.00	74.85 1.83 0.00	78.04 2.05 0.00	78.56 2.21 0.00	69.94 1.77 0.00	60.98 1.55 0.00	56.30 1.64 0.00	52.27 1.62 0.00
NARROWS_GT1_1 24228	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NARROWS_GT1_2 24229	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NARROWS_GT1_3 24230	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NARROWS_GT1_4 24231	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NARROWS_GT1_5 24232	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01

NARROWS_GT1_6 24233	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NARROWS_GT1_7 24234	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NARROWS_GT1_8 24235	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NARROWS_GT2_1 24236	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NARROWS_GT2_2 24237	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NARROWS_GT2_3 24238	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NARROWS_GT2_4 24239	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NARROWS_GT2_5 24240	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NARROWS_GT2_6 24241	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NARROWS_GT2_7 24242	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NARROWS_GT2_8 24243	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	80.01 4.02 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	50.29 2.39 0.00	42.03 1.81 0.00	39.06 1.68 0.00	37.25 1.67 0.00	37.36 1.75 0.00	36.20 1.66 0.00	36.79 1.62 0.00	36.80 1.45 0.00	37.80 1.17 0.00	38.95 0.99 0.00	38.94 1.10 0.15	42.71 1.25 0.26	44.45 1.35 0.31	48.37 1.09 0.20	51.59 1.31 0.16	54.76 1.60 0.18	60.89 1.31 0.00	75.22 2.19 0.00	78.80 2.81 0.00	79.55 3.21 0.00	70.89 2.73 0.00	61.69 2.26 0.00	56.96 2.30 0.00	52.83 2.18 0.00
NCHELSEA_115KV_TR2 355582	51.01 3.11 0.00	42.55 2.33 0.00	39.44 2.06 0.00	37.57 1.99 0.00	37.65 2.03 0.00	36.58 2.04 0.00	37.25 2.08 0.00	37.40 2.05 0.00	38.61 1.98 0.00	39.97 2.01 0.00	40.58 2.13 -0.46	44.88 2.38 -0.78	46.81 2.47 -0.92	50.77 2.71 -0.59	53.90 2.98 -0.48	57.12 3.25 -0.54	62.62 3.04 0.00	76.53 3.51 0.00	79.71 3.72 0.00	79.85 3.51 0.00	70.89 2.73 0.00	61.63 2.20 0.00	57.40 2.73 0.00	53.53 2.89 0.00
NEG CAPITAL___MECHNVIL 23645	50.29 2.39 0.00	42.07 1.85 0.00	39.14 1.76 0.00	37.28 1.71 0.00	37.36 1.74 0.00	36.24 1.69 0.00	36.89 1.72 0.00	37.01 1.66 0.00	37.98 1.36 0.00	39.25 1.29 0.00	38.60 1.10 0.49	42.09 1.21 0.84	43.76 1.35 0.99	48.26 1.42 0.64	51.58 1.66 0.52	54.78 2.03 0.58	61.79 2.21 0.00	76.16 3.14 0.00	79.64 3.65 0.00	80.31 3.97 0.00	71.57 3.41 0.00	62.28 2.85 0.00	57.40 2.73 0.00	53.28 2.63 0.00
NEG CENTRAL_HIGH_ACRES 23767	46.80 -1.10 0.00	39.86 -0.36 0.00	37.16 -0.22 0.00	35.04 -0.53 0.00	34.98 -0.64 0.00	33.96 -0.59 0.00	34.40 -0.77 0.00	34.86 -0.49 0.00	35.79 -0.84 0.00	37.05 -0.91 0.00	37.12 -0.87 0.00	40.88 -0.83 0.00	42.46 -0.96 0.00	47.04 -0.43 0.00	50.09 -0.35 0.00	53.44 0.11 0.00	60.30 0.72 0.00	73.54 0.51 0.00	76.37 0.38 0.00	76.34 0.00 0.00	68.10 -0.07 0.00	59.49 0.06 0.00	54.88 0.22 0.00	50.85 0.20 0.00

NEG CENTRAL___DRP 24199	48.18 0.29 0.00	40.82 0.60 0.00	37.98 0.60 0.00	35.90 0.32 0.00	35.94 0.32 0.00	34.82 0.28 0.00	35.35 0.18 0.00	35.70 0.35 0.00	36.59 -0.04 0.00	37.92 -0.04 0.00	37.95 -0.04 0.00	41.72 0.00 0.00	43.41 0.00 0.00	47.90 0.43 0.00	50.89 0.45 0.00	54.19 0.85 0.00	61.01 1.43 0.00	74.63 1.61 0.00	77.66 1.67 0.00	78.02 1.68 0.00	69.73 1.57 0.00	60.74 1.31 0.00	55.70 1.04 0.00	51.91 1.27 0.00
NEG CENTRAL___INDECK 23768	49.43 1.53 0.00	42.23 2.01 0.00	39.40 2.02 0.00	37.00 1.42 0.00	36.97 1.35 0.00	35.86 1.31 0.00	36.22 1.05 0.00	36.55 1.20 0.00	37.07 0.44 0.00	38.08 0.11 0.00	37.92 -0.08 0.00	41.72 0.00 0.00	43.24 -0.17 0.00	48.00 0.52 0.00	51.04 0.61 0.00	54.50 1.17 0.00	59.88 0.30 0.00	73.54 0.51 0.00	77.13 1.14 0.00	78.10 1.76 0.00	70.14 1.98 0.00	61.33 1.90 0.00	56.58 1.91 0.00	54.14 3.49 0.00
NEG CENTRAL___SENECA 23627	48.47 0.57 0.00	41.18 0.97 0.00	38.31 0.93 0.00	36.14 0.57 0.00	36.19 0.57 0.00	35.06 0.52 0.00	35.56 0.39 0.00	35.95 0.60 0.00	36.77 0.15 0.00	38.08 0.11 0.00	38.11 0.11 0.00	41.88 0.17 0.00	43.58 0.17 0.00	48.19 0.71 0.00	51.14 0.71 0.00	54.51 1.17 0.00	61.49 1.91 0.00	75.22 2.19 0.00	78.27 2.28 0.00	78.63 2.29 0.00	70.21 2.04 0.00	61.21 1.78 0.00	56.03 1.37 0.00	52.32 1.67 0.00
NEG CENTRAL___STATE_STREET 24147	48.04 0.14 0.00	40.58 0.36 0.00	37.72 0.34 0.00	35.75 0.18 0.00	35.76 0.14 0.00	34.68 0.14 0.00	35.24 0.07 0.00	35.53 0.18 0.00	36.52 -0.11 0.00	37.85 -0.11 0.00	37.92 -0.08 0.00	41.68 -0.04 0.00	43.37 -0.04 0.00	47.76 0.28 0.00	50.84 0.40 0.00	54.08 0.75 0.00	60.77 1.19 0.00	74.41 1.39 0.00	77.43 1.44 0.00	77.87 1.53 0.00	69.60 1.43 0.00	60.62 1.19 0.00	55.59 0.93 0.00	51.71 1.06 0.00
NEG MILLWOOD___DRP 24198	51.10 3.21 0.00	42.59 2.37 0.00	39.47 2.09 0.00	37.60 2.03 0.00	37.72 2.10 0.00	36.65 2.11 0.00	37.32 2.15 0.00	37.47 2.12 0.00	38.68 2.05 0.00	40.05 2.09 0.00	40.68 2.20 -0.48	45.05 2.50 -0.82	46.99 2.60 -0.97	50.95 2.85 -0.62	54.02 3.08 -0.51	57.26 3.36 -0.57	62.68 3.10 0.00	76.68 3.65 0.00	79.87 3.88 0.00	80.01 3.66 0.00	71.03 2.86 0.00	61.69 2.26 0.00	57.45 2.79 0.00	53.64 2.99 0.00
NEG NORTH_FLCN_SEA 23793	47.94 0.05 0.00	40.22 0.00 0.00	37.31 -0.07 0.00	35.40 -0.18 0.00	35.47 -0.14 0.00	34.44 -0.10 0.00	35.10 -0.07 0.00	35.21 -0.14 0.00	36.77 0.15 0.00	38.23 0.27 0.00	38.22 0.23 0.00	42.01 0.29 0.00	43.71 0.30 0.00	47.81 0.33 0.00	49.93 -0.50 0.00	52.05 -1.28 0.00	58.33 -1.25 0.00	72.00 -1.02 0.00	75.00 -0.99 0.00	75.66 -0.69 0.00	67.89 -0.27 0.00	59.54 -0.24 -0.35	54.01 -0.66 0.00	50.14 -0.51 0.00
NEG NORTH_KES_CHATEGAY 23792	47.66 -0.24 0.00	39.98 -0.24 0.00	37.08 -0.30 0.00	35.22 -0.36 0.00	35.26 -0.36 0.00	34.23 -0.31 0.00	34.92 -0.25 0.00	35.00 -0.35 0.00	36.59 -0.04 0.00	38.00 0.04 0.00	37.99 0.00 0.00	41.72 0.00 0.00	43.41 0.00 0.00	47.47 0.00 0.00	49.98 -0.45 0.00	52.37 -0.96 0.00	58.75 -0.83 0.00	72.44 -0.58 0.00	75.53 -0.46 0.00	76.19 -0.15 0.00	68.44 0.27 0.00	60.34 0.18 -0.73	54.45 -0.22 0.00	50.24 -0.41 0.00
NEG NORTH___ALICE_FALLS 23915	48.23 0.34 0.00	40.42 0.20 0.00	37.49 0.11 0.00	35.58 0.00 0.00	35.65 0.04 0.00	34.61 0.07 0.00	35.28 0.11 0.00	35.35 0.00 0.00	36.92 0.29 0.00	38.38 0.42 0.00	38.37 0.38 0.00	42.18 0.46 0.00	43.89 0.48 0.00	48.00 0.52 0.00	50.24 -0.20 0.00	52.53 -0.80 0.00	58.92 -0.66 0.00	72.81 -0.22 0.00	75.84 -0.15 0.00	76.57 0.23 0.00	68.78 0.61 0.00	60.32 0.48 -0.41	54.67 0.00 0.00	50.65 0.00 0.00
NEG NORTH___LWR_SARANAC 23913	48.23 0.34 0.00	40.42 0.20 0.00	37.49 0.11 0.00	35.58 0.00 0.00	35.65 0.04 0.00	34.61 0.07 0.00	35.28 0.11 0.00	35.35 0.00 0.00	36.92 0.29 0.00	38.38 0.42 0.00	38.37 0.38 0.00	42.18 0.46 0.00	43.89 0.48 0.00	48.00 0.52 0.00	50.24 -0.20 0.00	52.53 -0.80 0.00	58.92 -0.66 0.00	72.81 -0.22 0.00	75.84 -0.15 0.00	76.57 0.23 0.00	68.78 0.61 0.00	60.32 0.48 -0.41	54.67 0.00 0.00	50.65 0.00 0.00
NEG NORTH___PLATTSBURG 23628	48.23 0.34 0.00	40.42 0.20 0.00	37.49 0.11 0.00	35.58 0.00 0.00	35.65 0.04 0.00	34.61 0.07 0.00	35.28 0.11 0.00	35.35 0.00 0.00	36.92 0.29 0.00	38.38 0.42 0.00	38.37 0.38 0.00	42.18 0.46 0.00	43.89 0.48 0.00	48.00 0.52 0.00	50.24 -0.20 0.00	52.53 -0.80 0.00	58.93 -0.65 0.00	72.81 -0.22 0.00	75.84 -0.15 0.00	76.57 0.23 0.00	68.78 0.61 0.00	60.31 0.47 -0.41	54.67 0.00 0.00	50.65 0.00 0.00
NEG WEST_LEA_LOCKPORT 23791	47.23 -0.67 0.00	41.14 0.93 0.00	38.43 1.05 0.00	35.58 0.00 0.00	35.83 0.21 0.00	34.68 0.14 0.00	35.03 -0.14 0.00	35.78 0.42 0.00	36.15 -0.48 0.00	37.05 -0.91 0.00	37.12 -0.87 0.00	40.63 -1.08 0.00	42.20 -1.22 0.00	47.14 -0.33 0.00	49.98 -0.45 0.00	53.33 0.00 0.00	60.71 1.13 0.00	73.39 0.37 0.00	75.69 -0.30 0.00	75.81 -0.53 0.00	67.42 -0.75 0.00	59.19 -0.24 0.00	53.95 -0.71 0.00	51.36 0.71 0.00
NEG WEST___LANCASTR 23811	47.32 -0.57 0.00	40.90 0.68 0.00	38.17 0.78 0.00	35.61 0.04 0.00	35.69 0.07 0.00	34.58 0.03 0.00	34.89 -0.28 0.00	35.60 0.25 0.00	36.15 -0.48 0.00	37.32 -0.65 0.00	37.46 -0.53 0.00	41.01 -0.71 0.00	42.67 -0.74 0.00	47.52 0.05 0.00	50.49 0.05 0.00	53.81 0.48 0.00	61.13 1.55 0.00	73.97 0.95 0.00	75.99 0.00 0.00	76.11 -0.23 0.00	67.62 -0.55 0.00	59.37 -0.06 0.00	54.34 -0.33 0.00	51.36 0.71 0.00
NEG_PENN_ALLEGHNY 23528	48.62 0.72 0.00	41.10 0.88 0.00	38.20 0.82 0.00	36.25 0.67 0.00	36.26 0.64 0.00	35.13 0.59 0.00	35.70 0.53 0.00	36.02 0.67 0.00	36.96 0.33 0.00	38.30 0.34 0.00	38.37 0.38 0.00	42.18 0.46 0.00	43.80 0.39 0.00	48.19 0.71 0.00	51.29 0.86 0.00	54.50 1.17 0.00	61.19 1.61 0.00	74.71 1.68 0.00	77.51 1.52 0.00	77.79 1.45 0.00	69.46 1.29 0.00	60.56 1.13 0.00	55.87 1.20 0.00	52.06 1.42 0.00
NEG___GEN_MONROE 24207	47.70 -0.19 0.00	40.86 0.64 0.00	38.13 0.75 0.00	35.72 0.14 0.00	35.79 0.18 0.00	34.72 0.17 0.00	35.14 -0.04 0.00	35.60 0.25 0.00	36.33 -0.29 0.00	37.51 -0.46 0.00	37.54 -0.46 0.00	41.18 -0.54 0.00	42.85 -0.56 0.00	47.57 0.09 0.00	50.64 0.20 0.00	54.03 0.69 0.00	61.13 1.55 0.00	74.49 1.46 0.00	77.36 1.37 0.00	77.56 1.22 0.00	69.26 1.09 0.00	60.50 1.07 0.00	55.21 0.55 0.00	51.81 1.16 0.00
NEPA___ENERGY 23901	48.14 0.24 0.00	41.55 1.33 0.00	38.80 1.42 0.00	36.25 0.68 0.00	36.33 0.71 0.00	35.16 0.62 0.00	35.52 0.35 0.00	36.16 0.81 0.00	36.74 0.11 0.00	37.92 -0.04 0.00	38.07 0.08 0.00	41.68 -0.04 0.00	43.32 -0.09 0.00	48.23 0.76 0.00	51.19 0.76 0.00	54.56 1.23 0.00	61.96 2.38 0.00	75.00 1.97 0.00	76.98 0.99 0.00	77.11 0.76 0.00	68.58 0.41 0.00	60.14 0.71 0.00	55.05 0.38 0.00	52.07 1.42 0.00

NEVERSINK___HYD 23608	50.53 2.63 0.00	42.23 2.01 0.00	39.14 1.76 0.00	37.21 1.64 0.00	37.33 1.71 0.00	36.24 1.69 0.00	36.93 1.76 0.00	37.05 1.70 0.00	38.28 1.65 0.00	39.63 1.67 0.00	40.08 1.75 -0.34	44.21 1.92 -0.58	46.13 2.04 -0.68	50.14 2.23 -0.44	53.31 2.52 -0.36	56.55 2.82 -0.40	62.26 2.68 0.00	76.23 3.21 0.00	79.41 3.42 0.00	79.62 3.28 0.00	70.90 2.73 0.00	61.57 2.14 0.00	57.07 2.40 0.00	53.33 2.68 0.00
NEWKRMKL_115KV_TB1 55635	49.24 1.34 0.00	41.14 0.93 0.00	38.31 0.93 0.00	36.61 1.03 0.00	36.65 1.03 0.00	35.58 1.04 0.00	36.19 1.02 0.00	36.34 0.99 0.00	37.43 0.81 0.00	38.72 0.76 0.00	38.33 0.72 0.38	41.86 0.79 0.65	43.51 0.87 0.77	47.41 0.43 0.49	50.54 0.50 0.40	53.58 0.69 0.45	60.06 0.48 0.00	73.76 0.73 0.00	76.83 0.84 0.00	77.18 0.84 0.00	68.71 0.55 0.00	59.85 0.42 0.00	55.38 0.71 0.00	51.41 0.76 0.00
NEWTON___FALLS_HYD 23847	48.61 0.72 0.00	40.90 0.68 0.00	37.94 0.56 0.00	35.97 0.39 0.00	36.08 0.46 0.00	35.03 0.48 0.00	35.66 0.49 0.00	35.63 0.28 0.00	36.88 0.26 0.00	38.30 0.34 0.00	38.26 0.27 0.00	41.97 0.25 0.00	43.76 0.35 0.00	47.71 0.24 0.00	50.59 0.15 0.00	53.23 -0.11 0.00	59.76 0.18 0.00	73.68 0.66 0.00	77.43 1.44 0.00	78.33 1.98 0.00	70.62 2.45 0.00	65.18 2.44 -3.32	56.36 1.69 0.00	51.96 1.32 0.00
NGRID_A1_DSASP 323792	46.08 -1.82 0.00	40.06 -0.16 0.00	37.46 0.07 0.00	35.61 0.04 0.00	34.94 -0.68 0.00	34.37 -0.17 0.00	34.12 -1.05 0.00	34.89 -0.46 0.00	35.42 -1.21 0.00	36.48 -1.48 0.00	36.47 -1.52 0.00	40.13 -1.59 0.00	41.41 -2.00 0.00	46.24 -1.23 0.00	49.03 -1.41 0.00	52.27 -1.07 0.00	59.46 -0.12 0.00	71.93 -1.09 0.00	74.25 -1.74 0.00	74.13 -2.22 0.00	65.85 -2.32 0.00	57.95 -1.48 0.00	53.85 -0.82 0.00	50.19 -0.46 0.00
NGRID_A2_DSASP 323793	46.08 -1.82 0.00	40.06 -0.16 0.00	37.46 0.07 0.00	35.61 0.04 0.00	34.94 -0.68 0.00	34.37 -0.17 0.00	34.12 -1.05 0.00	34.89 -0.46 0.00	35.42 -1.21 0.00	36.48 -1.48 0.00	36.47 -1.52 0.00	40.13 -1.59 0.00	41.41 -2.00 0.00	46.24 -1.23 0.00	49.03 -1.41 0.00	52.27 -1.07 0.00	59.46 -0.12 0.00	71.93 -1.09 0.00	74.25 -1.74 0.00	74.13 -2.22 0.00	65.85 -2.32 0.00	57.95 -1.48 0.00	53.85 -0.82 0.00	50.19 -0.46 0.00
NGRID_A4_DSASP 323807	46.08 -1.82 0.00	40.06 -0.16 0.00	37.46 0.07 0.00	35.61 0.04 0.00	34.94 -0.68 0.00	34.37 -0.17 0.00	34.12 -1.05 0.00	34.89 -0.46 0.00	35.42 -1.21 0.00	36.48 -1.48 0.00	36.47 -1.52 0.00	40.13 -1.59 0.00	41.41 -2.00 0.00	46.24 -1.23 0.00	49.03 -1.41 0.00	52.27 -1.07 0.00	59.46 -0.12 0.00	71.93 -1.09 0.00	74.25 -1.74 0.00	74.13 -2.22 0.00	65.85 -2.32 0.00	57.95 -1.48 0.00	53.85 -0.82 0.00	50.19 -0.46 0.00
NIAGARA_115E_LBMP 323715	46.75 -1.15 0.00	40.82 0.60 0.00	38.13 0.75 0.00	35.15 -0.43 0.00	35.58 -0.04 0.00	33.96 -0.59 0.00	34.75 -0.42 0.00	35.53 0.18 0.00	35.82 -0.81 0.00	36.56 -1.40 0.00	36.55 -1.44 0.00	40.22 -1.50 0.00	41.50 -1.91 0.00	46.38 -1.09 0.00	49.18 -1.26 0.00	52.43 -0.91 0.00	59.70 0.12 0.00	72.22 -0.80 0.00	74.54 -1.45 0.00	74.44 -1.91 0.00	66.19 -1.98 0.00	58.24 -1.19 0.00	54.06 -0.60 0.00	50.95 0.31 0.00
NIAGARA_115W_LBMP 323714	45.98 -1.92 0.00	39.94 -0.28 0.00	37.34 -0.04 0.00	35.54 -0.04 0.00	34.83 -0.78 0.00	34.30 -0.24 0.00	34.01 -1.16 0.00	34.78 -0.57 0.00	35.34 -1.28 0.00	36.37 -1.59 0.00	36.40 -1.59 0.00	40.01 -1.71 0.00	41.28 -2.13 0.00	46.09 -1.38 0.00	48.87 -1.56 0.00	52.11 -1.22 0.00	59.28 -0.30 0.00	71.71 -1.31 0.00	74.01 -1.98 0.00	73.90 -2.45 0.00	65.72 -2.45 0.00	57.77 -1.66 0.00	53.68 -0.98 0.00	50.04 -0.61 0.00
NIAGARA_230_LBMP 323716	46.65 -1.25 0.00	40.50 0.28 0.00	37.83 0.45 0.00	35.47 -0.11 0.00	35.33 -0.29 0.00	34.23 -0.31 0.00	34.54 -0.63 0.00	35.28 -0.07 0.00	35.82 -0.81 0.00	36.86 -1.10 0.00	36.89 -1.10 0.00	40.55 -1.17 0.00	41.85 -1.56 0.00	46.71 -0.76 0.00	49.48 -0.96 0.00	52.80 -0.53 0.00	60.00 0.42 0.00	72.66 -0.36 0.00	75.00 -0.99 0.00	74.89 -1.45 0.00	66.60 -1.57 0.00	58.54 -0.89 0.00	54.34 -0.33 0.00	50.75 0.10 0.00
NIAGARA___115KV_198_GIBSON 55903	45.88 -2.01 0.00	39.94 -0.28 0.00	37.34 -0.04 0.00	35.43 -0.14 0.00	34.83 -0.78 0.00	33.68 -0.86 0.00	34.01 -1.16 0.00	34.79 -0.57 0.00	35.27 -1.36 0.00	36.29 -1.67 0.00	36.40 -1.60 0.00	39.80 -1.92 0.00	41.28 -2.13 0.00	46.10 -1.38 0.00	48.87 -1.56 0.00	52.11 -1.23 0.00	59.28 -0.30 0.00	71.56 -1.46 0.00	73.79 -2.20 0.00	73.90 -2.44 0.00	65.64 -2.52 0.00	57.71 -1.72 0.00	52.59 -2.08 0.00	49.84 -0.81 0.00
NIAGARA____ 23760	46.65 -1.25 0.00	40.50 0.28 0.00	37.83 0.45 0.00	35.47 -0.11 0.00	35.33 -0.29 0.00	34.23 -0.31 0.00	34.54 -0.63 0.00	35.28 -0.07 0.00	35.82 -0.81 0.00	36.86 -1.10 0.00	36.89 -1.10 0.00	40.55 -1.17 0.00	41.85 -1.56 0.00	46.71 -0.76 0.00	49.48 -0.96 0.00	52.80 -0.53 0.00	60.00 0.42 0.00	72.66 -0.36 0.00	75.00 -0.99 0.00	74.89 -1.45 0.00	66.60 -1.57 0.00	58.54 -0.89 0.00	54.34 -0.33 0.00	50.75 0.10 0.00
NINE_MILE_1 23575	46.51 -1.39 0.00	39.22 -1.00 0.00	36.48 -0.90 0.00	34.65 -0.93 0.00	34.66 -0.96 0.00	33.61 -0.93 0.00	34.19 -0.98 0.00	34.43 -0.92 0.00	35.53 -1.10 0.00	36.82 -1.14 0.00	36.85 -1.14 0.00	40.51 -1.21 0.00	42.11 -1.30 0.00	46.19 -1.28 0.00	49.13 -1.31 0.00	52.11 -1.22 0.00	58.33 -1.25 0.00	71.35 -1.68 0.00	74.25 -1.74 0.00	74.51 -1.83 0.00	66.60 -1.57 0.00	58.12 -1.31 0.00	53.51 -1.15 0.00	49.63 -1.01 0.00
NINE_MILE_2 23744	46.51 -1.39 0.00	39.22 -1.00 0.00	36.48 -0.90 0.00	34.65 -0.93 0.00	34.66 -0.96 0.00	33.61 -0.93 0.00	34.19 -0.98 0.00	34.43 -0.92 0.00	35.53 -1.10 0.00	36.82 -1.14 0.00	36.85 -1.14 0.00	40.51 -1.21 0.00	42.11 -1.30 0.00	46.19 -1.28 0.00	49.13 -1.31 0.00	52.11 -1.22 0.00	58.33 -1.25 0.00	71.35 -1.68 0.00	74.25 -1.74 0.00	74.51 -1.83 0.00	66.60 -1.57 0.00	58.12 -1.31 0.00	53.51 -1.15 0.00	49.63 -1.01 0.00
NM_CAPITAL___DRP 24208	49.33 1.44 0.00	41.22 1.01 0.00	38.35 0.97 0.00	36.68 1.10 0.00	36.72 1.10 0.00	35.65 1.11 0.00	36.26 1.09 0.00	36.41 1.06 0.00	37.51 0.88 0.00	38.80 0.84 0.00	38.33 0.76 0.42	41.83 0.83 0.72	43.43 0.87 0.85	47.45 0.52 0.55	50.60 0.61 0.45	53.64 0.80 0.50	60.12 0.54 0.00	73.83 0.80 0.00	76.90 0.91 0.00	77.26 0.92 0.00	68.78 0.61 0.00	59.97 0.53 0.00	55.43 0.77 0.00	51.46 0.81 0.00
NM_CENTRAL___DRP 24181	47.37 -0.53 0.00	40.02 -0.20 0.00	37.27 -0.11 0.00	35.36 -0.21 0.00	35.37 -0.25 0.00	34.27 -0.28 0.00	34.85 -0.32 0.00	35.14 -0.21 0.00	36.19 -0.44 0.00	37.55 -0.42 0.00	37.57 -0.42 0.00	41.22 -0.50 0.00	42.89 -0.52 0.00	47.14 -0.33 0.00	50.19 -0.25 0.00	53.28 -0.05 0.00	59.70 0.12 0.00	73.03 0.00 0.00	75.91 -0.08 0.00	76.27 -0.08 0.00	68.17 0.00 0.00	59.37 -0.06 0.00	54.56 -0.11 0.00	50.75 0.10 0.00

NM_FRONTIER___DRP 24179	45.88 -2.01 0.00	39.94 -0.28 0.00	37.34 -0.04 0.00	35.43 -0.14 0.00	34.83 -0.78 0.00	33.68 -0.86 0.00	34.01 -1.16 0.00	34.79 -0.57 0.00	35.27 -1.36 0.00	36.29 -1.67 0.00	36.40 -1.60 0.00	39.80 -1.92 0.00	41.28 -2.13 0.00	46.10 -1.38 0.00	48.87 -1.56 0.00	52.11 -1.23 0.00	59.28 -0.30 0.00	71.56 -1.46 0.00	73.79 -2.20 0.00	73.90 -2.44 0.00	65.64 -2.52 0.00	57.71 -1.72 0.00	52.59 -2.08 0.00	49.84 -0.81 0.00
NM_ST_REGIS___HYD 24053	48.23 0.34 0.00	40.54 0.32 0.00	37.60 0.22 0.00	35.68 0.11 0.00	35.79 0.18 0.00	34.75 0.21 0.00	35.42 0.25 0.00	35.42 0.07 0.00	36.92 0.29 0.00	38.42 0.46 0.00	38.41 0.42 0.00	42.18 0.46 0.00	43.93 0.52 0.00	48.00 0.52 0.00	50.59 0.15 0.00	53.01 -0.32 0.00	59.64 0.06 0.00	73.54 0.51 0.00	76.83 0.84 0.00	77.64 1.30 0.00	69.94 1.77 0.00	65.29 1.60 -4.26	55.54 0.87 0.00	51.15 0.51 0.00
NORTHPORT___1 23551	51.25 3.35 0.00	42.71 2.49 0.00	39.43 2.05 0.00	37.32 1.74 0.00	37.29 1.67 0.00	36.48 1.93 0.00	37.39 2.22 0.00	37.47 2.12 0.00	39.15 2.53 0.00	41.15 3.19 0.00	41.83 3.34 -0.49	46.02 3.46 -0.84	47.30 2.91 -0.98	48.26 1.42 0.64	50.07 2.12 2.49	48.79 2.29 6.83	48.93 1.85 12.50	64.07 1.38 10.34	69.00 1.06 8.05	62.11 0.61 14.84	56.86 -0.14 11.17	48.65 -0.41 10.37	48.32 0.27 6.62	48.26 1.01 3.40
NORTHPORT___2 23552	51.25 3.35 0.00	42.71 2.49 0.00	39.43 2.05 0.00	37.32 1.74 0.00	37.29 1.67 0.00	36.48 1.93 0.00	37.39 2.22 0.00	37.47 2.12 0.00	39.15 2.53 0.00	41.15 3.19 0.00	41.83 3.34 -0.49	46.02 3.46 -0.84	47.30 2.91 -0.98	48.26 1.42 0.64	50.07 2.12 2.49	48.79 2.29 6.83	48.93 1.85 12.50	64.07 1.38 10.34	69.00 1.06 8.05	62.11 0.61 14.84	56.86 -0.14 11.17	48.65 -0.41 10.37	48.32 0.27 6.62	48.26 1.01 3.40
NORTHPORT___3 23553	50.87 2.97 0.00	42.35 2.13 0.00	39.06 1.68 0.00	36.96 1.39 0.00	36.94 1.32 0.00	36.10 1.56 0.00	36.96 1.79 0.00	37.08 1.73 0.00	38.75 2.12 0.00	40.70 2.73 0.00	41.41 2.93 -0.49	45.48 2.92 -0.84	46.86 2.47 -0.97	48.16 1.33 0.64	49.86 1.92 2.49	48.57 2.08 6.84	48.56 1.55 12.57	63.77 1.10 10.35	68.77 0.84 8.06	61.88 0.38 14.85	56.72 -0.34 11.11	48.56 -0.54 10.34	48.08 0.00 6.59	47.82 0.56 3.39
NORTHPORT___4 23650	50.87 2.97 0.00	42.35 2.13 0.00	39.06 1.68 0.00	36.96 1.39 0.00	36.94 1.32 0.00	36.10 1.56 0.00	36.96 1.79 0.00	37.08 1.73 0.00	38.75 2.12 0.00	40.70 2.73 0.00	41.41 2.93 -0.49	45.48 2.92 -0.84	46.86 2.47 -0.97	48.16 1.33 0.64	49.86 1.92 2.49	48.57 2.08 6.84	48.56 1.55 12.57	63.77 1.10 10.35	68.77 0.84 8.06	61.88 0.38 14.85	56.72 -0.34 11.11	48.56 -0.54 10.34	48.08 0.00 6.59	47.82 0.56 3.39
NORTHPORT___IC 23718	51.25 3.35 0.00	42.71 2.49 0.00	39.32 1.94 0.00	37.57 1.99 0.00	37.47 1.85 0.00	36.68 2.14 0.00	37.39 2.22 0.00	37.47 2.12 0.00	39.05 2.42 0.00	41.11 3.15 0.00	41.78 3.31 -0.49	45.97 3.42 -0.83	46.95 2.56 -0.98	48.36 1.52 0.64	50.12 2.17 2.49	48.79 2.29 6.83	48.93 1.85 12.50	64.14 1.46 10.34	69.08 1.14 8.05	62.19 0.69 14.84	56.79 -0.20 11.17	48.71 -0.36 10.37	48.48 0.44 6.62	48.11 0.86 3.40
NORTH___COUNTRY_ESR 323785	47.56 -0.33 0.00	39.86 -0.36 0.00	36.97 -0.41 0.00	35.11 -0.46 0.00	35.19 -0.43 0.00	34.13 -0.41 0.00	34.82 -0.35 0.00	34.93 -0.42 0.00	36.55 -0.07 0.00	38.00 0.04 0.00	37.99 0.00 0.00	41.72 0.00 0.00	43.41 0.00 0.00	47.47 0.00 0.00	49.98 -0.45 0.00	52.37 -0.96 0.00	58.75 -0.83 0.00	72.37 -0.66 0.00	75.46 -0.53 0.00	76.04 -0.30 0.00	68.17 0.00 0.00	60.17 0.00 -0.74	54.23 -0.44 0.00	50.09 -0.56 0.00
NPX_GEN_1385_PROXY 323591	48.54 2.44 1.80	41.99 1.77 0.00	38.99 1.61 0.00	37.03 1.46 0.00	36.97 1.35 0.00	36.30 1.76 0.00	37.10 1.93 0.00	37.40 2.05 0.00	38.97 2.35 0.00	40.85 2.88 0.00	41.14 2.66 -0.49	45.31 2.75 -0.84	44.00 2.13 1.54	45.74 0.57 2.30	50.07 2.12 2.49	46.18 2.03 9.18	51.16 1.73 10.15	64.00 1.32 10.34	69.00 1.06 8.05	62.19 0.69 14.84	57.00 0.00 11.17	50.67 -0.24 8.52	45.71 -0.49 8.47	47.30 0.05 3.40
NPX_GEN_CSC 323557	51.01 3.11 0.00	42.55 2.33 0.00	39.29 1.91 0.00	37.03 1.46 0.00	36.97 1.35 0.00	36.20 1.66 0.00	37.53 2.36 0.00	37.15 1.80 0.00	38.97 2.35 0.00	41.11 3.15 0.00	41.94 3.46 -0.49	46.39 3.84 -0.84	47.65 3.26 -0.98	50.10 2.09 -0.54	53.70 2.98 -0.29	54.22 3.20 2.31	65.02 3.10 -2.35	75.12 2.85 0.75	77.91 2.50 0.58	77.25 1.98 1.08	57.98 0.82 11.00	54.72 0.30 5.01	46.84 0.55 8.37	48.51 1.21 3.35
NSINS_S_GLNS_FALLS 23858	50.00 2.11 0.00	41.87 1.65 0.00	38.91 1.53 0.00	37.07 1.49 0.00	37.15 1.53 0.00	35.99 1.45 0.00	36.68 1.51 0.00	36.76 1.41 0.00	38.50 1.87 0.00	39.78 1.82 0.00	38.97 1.41 0.43	42.57 1.59 0.74	44.28 1.74 0.87	47.72 0.81 0.56	50.94 0.96 0.45	54.16 1.33 0.51	61.13 1.55 0.00	75.65 2.63 0.00	79.79 3.80 0.00	80.62 4.28 0.00	72.12 3.95 0.00	62.58 3.15 0.00	57.67 3.01 0.00	53.33 2.68 0.00
NUCOR_STEEL___DRP 24197	48.14 0.24 0.00	40.62 0.40 0.00	37.75 0.37 0.00	35.82 0.25 0.00	35.83 0.21 0.00	34.75 0.21 0.00	35.31 0.14 0.00	35.60 0.25 0.00	36.59 -0.04 0.00	37.92 -0.04 0.00	37.99 0.00 0.00	41.76 0.04 0.00	43.41 0.00 0.00	47.81 0.33 0.00	50.89 0.45 0.00	54.08 0.75 0.00	60.77 1.19 0.00	74.34 1.31 0.00	77.36 1.37 0.00	77.79 1.45 0.00	69.53 1.36 0.00	60.56 1.13 0.00	55.65 0.98 0.00	51.76 1.11 0.00
NUMBER_THREE_WT_PWR 323818	49.19 1.29 0.00	41.47 1.25 0.00	38.47 1.08 0.00	36.50 0.92 0.00	36.54 0.92 0.00	35.48 0.93 0.00	36.15 0.98 0.00	36.09 0.74 0.00	37.18 0.55 0.00	38.49 0.53 0.00	38.41 0.42 0.00	42.14 0.42 0.00	43.93 0.52 0.00	47.66 0.19 0.00	50.69 0.25 0.00	53.49 0.16 0.00	59.94 0.36 0.00	73.90 0.88 0.00	77.89 1.90 0.00	79.09 2.74 0.00	71.24 3.07 0.00	64.07 3.21 -1.43	57.23 2.57 0.00	52.82 2.18 0.00
NYISO_LBMP_REFERENCE 24008	47.90 0.00 0.00	40.22 0.00 0.00	37.38 0.00 0.00	35.58 0.00 0.00	35.62 0.00 0.00	34.54 0.00 0.00	35.17 0.00 0.00	35.35 0.00 0.00	36.63 0.00 0.00	37.96 0.00 0.00	37.99 0.00 0.00	41.72 0.00 0.00	43.41 0.00 0.00	47.47 0.00 0.00	50.44 0.00 0.00	53.33 0.00 0.00	59.58 0.00 0.00	73.03 0.00 0.00	75.99 0.00 0.00	76.34 0.00 0.00	68.17 0.00 0.00	59.43 0.00 0.00	54.67 0.00 0.00	50.65 0.00 0.00
NYPA_BRENTWD____GT 24164	51.92 4.02 0.00	43.24 3.02 0.00	39.89 2.50 0.00	37.71 2.13 0.00	37.65 2.03 0.00	36.82 2.28 0.00	37.77 2.60 0.00	37.82 2.47 0.00	39.56 2.93 0.00	41.61 3.64 0.00	42.40 3.91 -0.49	46.77 4.21 -0.84	48.17 3.77 -0.98	50.55 2.56 -0.51	54.05 3.38 -0.23	56.89 3.68 0.12	62.80 3.22 0.00	75.20 3.14 0.96	78.13 2.89 0.75	77.34 2.37 1.38	58.94 1.57 10.80	53.69 1.07 6.81	49.69 1.42 6.40	49.39 2.03 3.29

NYPA_GOWANUS____GT5 24156	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	79.94 3.95 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NYPA_GOWANUS____GT6 24157	52.02 4.12 -0.01	43.32 3.10 -0.01	40.08 2.69 -0.01	38.18 2.60 -0.01	38.22 2.60 -0.01	37.14 2.59 -0.01	37.89 2.71 -0.01	38.12 2.76 -0.01	39.42 2.78 -0.01	41.01 3.04 -0.01	41.75 3.27 -0.49	46.19 3.63 -0.84	48.22 3.82 -0.99	52.10 3.99 -0.64	55.24 4.28 -0.52	58.44 4.53 -0.58	63.40 3.82 -0.01	77.05 4.01 -0.01	79.94 3.95 0.00	79.86 3.51 0.00	70.76 2.59 0.00	61.88 2.44 -0.01	57.84 3.17 -0.01	54.25 3.60 -0.01
NYPA_HARLEM__RVR__GT1 24160	51.54 3.64 -0.01	42.96 2.74 -0.01	39.78 2.39 -0.01	37.89 2.31 -0.01	37.98 2.35 -0.01	36.90 2.35 -0.01	37.64 2.46 -0.01	37.87 2.51 -0.01	39.16 2.53 -0.01	40.67 2.70 -0.01	41.41 2.93 -0.49	45.77 3.21 -0.84	47.66 3.26 -0.99	51.53 3.42 -0.64	54.69 3.73 -0.52	57.96 4.05 -0.58	63.04 3.45 -0.01	76.61 3.58 -0.01	79.65 3.65 -0.01	79.55 3.21 0.00	70.49 2.32 0.00	61.57 2.14 0.00	57.57 2.90 -0.01	53.69 3.04 -0.01
NYPA_HARLEM__RVR__GT2 24161	51.54 3.64 -0.01	42.96 2.74 -0.01	39.78 2.39 -0.01	37.89 2.31 -0.01	37.98 2.35 -0.01	36.90 2.35 -0.01	37.64 2.46 -0.01	37.87 2.51 -0.01	39.16 2.53 -0.01	40.67 2.70 -0.01	41.41 2.93 -0.49	45.77 3.21 -0.84	47.66 3.26 -0.99	51.53 3.42 -0.64	54.69 3.73 -0.52	57.96 4.05 -0.58	63.04 3.45 -0.01	76.61 3.58 -0.01	79.65 3.65 -0.01	79.55 3.21 0.00	70.49 2.32 0.00	61.57 2.14 0.00	57.57 2.90 -0.01	53.69 3.04 -0.01
NYPA_KENT____GT 24152	51.83 3.93 -0.01	43.16 2.93 -0.01	39.97 2.58 -0.01	38.07 2.49 -0.01	38.15 2.53 -0.01	37.07 2.52 -0.01	37.82 2.64 -0.01	38.04 2.69 -0.01	39.38 2.75 -0.01	40.93 2.96 -0.01	41.68 3.19 -0.49	46.10 3.54 -0.84	48.09 3.69 -0.99	51.96 3.84 -0.64	55.04 4.08 -0.52	58.29 4.37 -0.58	63.16 3.57 0.00	76.75 3.72 0.00	79.71 3.72 0.00	79.62 3.28 0.00	70.62 2.45 0.00	61.69 2.26 0.00	57.68 3.00 -0.01	54.10 3.45 -0.01
NYPA_POUCH1____GT 24155	51.97 4.07 -0.01	43.28 3.06 -0.01	40.08 2.69 -0.01	38.15 2.56 -0.01	38.22 2.60 -0.01	37.11 2.56 -0.01	37.85 2.67 -0.01	38.08 2.72 -0.01	39.38 2.75 -0.01	40.93 2.96 -0.01	41.71 3.23 -0.49	46.15 3.59 -0.84	48.13 3.73 -0.99	52.05 3.94 -0.64	55.14 4.18 -0.52	58.39 4.48 -0.58	63.34 3.76 -0.01	76.97 3.94 -0.01	79.86 3.87 0.00	79.70 3.36 0.00	70.62 2.45 0.00	61.75 2.32 -0.01	57.73 3.06 -0.01	54.20 3.54 -0.01
NYPA_VERNON____GT2 24162	51.69 3.78 -0.01	43.04 2.81 -0.01	39.89 2.50 -0.01	38.00 2.42 -0.01	38.05 2.42 -0.01	36.97 2.42 -0.01	37.71 2.53 -0.01	37.97 2.62 -0.01	39.31 2.67 -0.01	40.85 2.88 -0.01	41.56 3.08 -0.49	45.98 3.42 -0.84	47.96 3.56 -0.99	51.82 3.71 -0.64	54.90 3.94 -0.52	58.13 4.21 -0.58	62.97 3.39 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.47 3.13 0.00	70.49 2.32 0.00	61.45 2.02 0.00	57.51 2.84 -0.01	53.90 3.24 -0.01
NYPA_VERNON____GT3 24163	51.69 3.78 -0.01	43.04 2.81 -0.01	39.89 2.50 -0.01	38.00 2.42 -0.01	38.05 2.42 -0.01	36.97 2.42 -0.01	37.71 2.53 -0.01	37.97 2.62 -0.01	39.31 2.67 -0.01	40.85 2.88 -0.01	41.56 3.08 -0.49	45.98 3.42 -0.84	47.96 3.56 -0.99	51.82 3.71 -0.64	54.90 3.94 -0.52	58.13 4.21 -0.58	62.97 3.39 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.47 3.13 0.00	70.49 2.32 0.00	61.45 2.02 0.00	57.51 2.84 -0.01	53.90 3.24 -0.01
NYPA__ASTORIA_CC1 323568	51.64 3.74 -0.01	43.00 2.77 -0.01	39.85 2.47 -0.01	37.97 2.38 -0.01	38.01 2.39 -0.01	36.93 2.38 -0.01	37.71 2.53 -0.01	37.94 2.58 -0.01	39.27 2.64 -0.01	40.78 2.81 -0.01	41.53 3.04 -0.49	45.94 3.38 -0.84	47.88 3.47 -0.99	51.72 3.61 -0.64	54.79 3.83 -0.52	58.02 4.11 -0.58	62.85 3.27 0.00	76.38 3.36 0.00	79.33 3.34 0.00	79.24 2.90 0.00	70.28 2.12 0.00	61.33 1.90 0.00	57.41 2.73 -0.01	53.85 3.19 -0.01
NYPA__ASTORIA_CC2 323569	51.64 3.74 -0.01	43.00 2.77 -0.01	39.85 2.47 -0.01	37.97 2.38 -0.01	38.01 2.39 -0.01	36.93 2.38 -0.01	37.71 2.53 -0.01	37.94 2.58 -0.01	39.27 2.64 -0.01	40.78 2.81 -0.01	41.53 3.04 -0.49	45.94 3.38 -0.84	47.88 3.47 -0.99	51.72 3.61 -0.64	54.79 3.83 -0.52	58.02 4.11 -0.58	62.85 3.27 0.00	76.38 3.36 0.00	79.33 3.34 0.00	79.24 2.90 0.00	70.28 2.12 0.00	61.33 1.90 0.00	57.41 2.73 -0.01	53.85 3.19 -0.01
NYPA__HOLTSVILL 23794	51.35 3.45 0.00	42.87 2.65 0.00	39.55 2.17 0.00	37.35 1.78 0.00	37.29 1.67 0.00	36.48 1.93 0.00	37.53 2.36 0.00	37.47 2.12 0.00	39.23 2.60 0.00	41.30 3.34 0.00	42.10 3.61 -0.49	46.48 3.92 -0.84	47.74 3.34 -0.98	50.16 2.14 -0.54	53.66 2.92 -0.30	56.54 3.15 -0.06	62.50 2.92 0.00	74.94 2.63 0.71	77.80 2.36 0.55	77.16 1.83 1.02	58.03 0.88 11.02	53.00 0.42 6.85	48.90 0.76 6.53	48.76 1.47 3.35
NYPA____HELLGATE_GT1 24158	51.54 3.64 -0.01	42.96 2.74 -0.01	39.78 2.39 -0.01	37.89 2.31 -0.01	37.98 2.35 -0.01	36.90 2.35 -0.01	37.64 2.46 -0.01	37.87 2.51 -0.01	39.16 2.53 -0.01	40.67 2.70 -0.01	41.41 2.93 -0.49	45.77 3.21 -0.84	47.66 3.26 -0.99	51.53 3.42 -0.64	54.69 3.73 -0.52	57.96 4.05 -0.58	63.04 3.45 -0.01	76.68 3.65 -0.01	79.65 3.65 -0.01	79.55 3.21 0.00	70.49 2.32 0.00	61.57 2.14 0.00	57.57 2.90 -0.01	53.69 3.04 -0.01
NYPA____HELLGATE_GT2 24159	51.54 3.64 -0.01	42.96 2.74 -0.01	39.78 2.39 -0.01	37.89 2.31 -0.01	37.98 2.35 -0.01	36.90 2.35 -0.01	37.64 2.46 -0.01	37.87 2.51 -0.01	39.16 2.53 -0.01	40.67 2.70 -0.01	41.41 2.93 -0.49	45.77 3.21 -0.84	47.66 3.26 -0.99	51.53 3.42 -0.64	54.69 3.73 -0.52	57.96 4.05 -0.58	63.04 3.45 -0.01	76.68 3.65 -0.01	79.65 3.65 -0.01	79.55 3.21 0.00	70.49 2.32 0.00	61.57 2.14 0.00	57.57 2.90 -0.01	53.69 3.04 -0.01
NYS_BARGE__HYD 23848	47.32 -0.57 0.00	41.18 0.96 0.00	38.50 1.12 0.00	35.68 0.11 0.00	35.90 0.28 0.00	34.47 -0.07 0.00	35.07 -0.11 0.00	35.81 0.46 0.00	36.23 -0.40 0.00	37.09 -0.87 0.00	37.12 -0.87 0.00	40.84 -0.88 0.00	42.20 -1.22 0.00	47.14 -0.33 0.00	50.03 -0.41 0.00	53.39 0.05 0.00	60.71 1.13 0.00	73.61 0.58 0.00	75.99 0.00 0.00	75.89 -0.46 0.00	67.48 -0.68 0.00	59.37 -0.06 0.00	55.05 0.39 0.00	51.66 1.01 0.00
OAK ORCHARD__HYD 24046	47.61 -0.29 0.00	40.66 0.44 0.00	37.94 0.56 0.00	35.72 0.14 0.00	35.65 0.04 0.00	34.61 0.07 0.00	35.03 -0.14 0.00	35.53 0.18 0.00	36.41 -0.22 0.00	37.66 -0.31 0.00	37.73 -0.26 0.00	41.55 -0.17 0.00	43.11 -0.30 0.00	47.81 0.33 0.00	50.89 0.45 0.00	54.29 0.96 0.00	61.31 1.73 0.00	74.71 1.68 0.00	77.51 1.52 0.00	77.41 1.07 0.00	69.05 0.88 0.00	60.44 1.01 0.00	55.76 1.09 0.00	51.76 1.11 0.00

OAKDALE___35_KV_LOAD 356122	48.37 0.48 0.00	40.94 0.72 0.00	38.05 0.67 0.00	36.07 0.50 0.00	36.12 0.50 0.00	34.99 0.45 0.00	35.56 0.39 0.00	35.88 0.53 0.00	36.81 0.18 0.00	38.11 0.15 0.00	38.18 0.19 0.00	41.93 0.21 0.00	43.63 0.22 0.00	48.00 0.52 0.00	51.04 0.61 0.00	54.24 0.91 0.00	60.83 1.25 0.00	74.27 1.24 0.00	76.98 0.99 0.00	77.26 0.92 0.00	68.98 0.82 0.00	60.20 0.77 0.00	55.38 0.71 0.00	51.71 1.06 0.00
OCC_CHEM___DRP 24175	46.03 -1.87 0.00	40.06 -0.16 0.00	37.46 0.07 0.00	35.50 -0.07 0.00	34.90 -0.71 0.00	33.75 -0.79 0.00	34.12 -1.06 0.00	34.89 -0.46 0.00	35.38 -1.25 0.00	36.41 -1.56 0.00	36.47 -1.52 0.00	39.92 -1.79 0.00	41.41 -2.00 0.00	46.24 -1.23 0.00	49.03 -1.41 0.00	52.27 -1.07 0.00	59.46 -0.12 0.00	71.78 -1.24 0.00	74.01 -1.98 0.00	74.13 -2.21 0.00	65.85 -2.32 0.00	57.89 -1.55 0.00	52.75 -1.91 0.00	49.99 -0.66 0.00
OH_GEN_PROXY 24063	46.65 -1.25 0.00	40.46 0.24 0.00	37.83 0.45 0.00	35.47 -0.11 0.00	35.30 -0.32 0.00	34.23 -0.31 0.00	34.54 -0.63 0.00	35.25 -0.11 0.00	35.82 -0.81 0.00	36.90 -1.06 0.00	36.93 -1.06 0.00	40.59 -1.12 0.00	41.89 -1.52 0.00	46.76 -0.71 0.00	49.53 -0.91 0.00	50.50 -0.48 2.35	62.46 0.54 -2.35	72.73 -0.29 0.00	75.08 -0.91 0.00	74.97 -1.37 0.00	66.67 -1.50 0.00	60.45 -0.83 -1.85	52.55 -0.27 1.85	50.75 0.10 0.00
OLIN_CORP_DRP 24177	46.75 -1.15 0.00	40.82 0.60 0.00	38.17 0.78 0.00	35.11 -0.46 0.00	35.58 -0.04 0.00	34.41 -0.14 0.00	34.75 -0.42 0.00	35.53 0.18 0.00	35.82 -0.81 0.00	36.56 -1.40 0.00	36.66 -1.33 0.00	40.09 -1.63 0.00	41.63 -1.78 0.00	46.48 -1.00 0.00	49.28 -1.16 0.00	52.53 -0.80 0.00	59.82 0.24 0.00	72.30 -0.73 0.00	74.47 -1.52 0.00	74.66 -1.68 0.00	66.33 -1.84 0.00	58.30 -1.13 0.00	53.13 -1.53 0.00	50.80 0.15 0.00
OLIN_CORP_DSASP 323712	46.08 -1.82 0.00	40.06 -0.16 0.00	37.46 0.07 0.00	35.61 0.04 0.00	34.94 -0.68 0.00	34.37 -0.17 0.00	34.12 -1.05 0.00	34.89 -0.46 0.00	35.42 -1.21 0.00	36.48 -1.48 0.00	36.47 -1.52 0.00	40.13 -1.59 0.00	41.41 -2.00 0.00	46.24 -1.23 0.00	49.03 -1.41 0.00	52.27 -1.07 0.00	59.46 -0.12 0.00	71.93 -1.09 0.00	74.25 -1.74 0.00	74.13 -2.22 0.00	65.85 -2.32 0.00	57.95 -1.48 0.00	53.85 -0.82 0.00	50.19 -0.46 0.00
ONEIDA_HERK_LFGE 323681	49.09 1.20 0.00	41.34 1.12 0.00	38.39 1.01 0.00	36.43 0.85 0.00	36.47 0.85 0.00	35.41 0.86 0.00	36.08 0.91 0.00	36.13 0.78 0.00	37.25 0.62 0.00	38.57 0.61 0.00	38.56 0.57 0.00	42.30 0.58 0.00	44.10 0.69 0.00	48.09 0.62 0.00	51.24 0.80 0.00	54.24 0.91 0.00	60.65 1.07 0.00	74.56 1.54 0.00	78.20 2.21 0.00	78.94 2.60 0.00	70.82 2.66 0.00	62.58 2.50 -0.66	56.69 2.02 0.00	52.47 1.82 0.00
ONEIDA___115KV_TB4 55905	49.14 1.25 0.00	41.43 1.21 0.00	38.46 1.08 0.00	36.50 0.92 0.00	36.54 0.93 0.00	35.44 0.90 0.00	36.08 0.91 0.00	36.20 0.85 0.00	37.25 0.62 0.00	38.57 0.61 0.00	38.56 0.57 0.00	42.34 0.63 0.00	44.15 0.74 0.00	48.37 0.90 0.00	51.60 1.16 0.00	54.72 1.39 0.00	61.25 1.67 0.00	75.14 2.12 0.00	78.57 2.58 0.00	79.09 2.75 0.00	70.96 2.79 0.00	62.09 2.38 -0.28	56.63 1.97 0.00	52.52 1.87 0.00
ONONDAGA_REF_OCCRA 23987	47.61 -0.29 0.00	40.18 -0.04 0.00	37.38 0.00 0.00	35.47 -0.11 0.00	35.51 -0.11 0.00	34.41 -0.14 0.00	34.99 -0.18 0.00	35.24 -0.11 0.00	36.30 -0.33 0.00	37.66 -0.30 0.00	37.69 -0.30 0.00	41.38 -0.33 0.00	43.06 -0.35 0.00	47.33 -0.14 0.00	50.39 -0.05 0.00	53.49 0.16 0.00	59.94 0.36 0.00	73.39 0.37 0.00	76.29 0.30 0.00	76.65 0.31 0.00	68.51 0.34 0.00	59.73 0.30 0.00	54.88 0.22 0.00	51.00 0.35 0.00
ONONDAGA___COGEN 23986	47.66 -0.24 0.00	40.22 0.00 0.00	37.42 0.04 0.00	35.50 -0.07 0.00	35.55 -0.07 0.00	34.44 -0.10 0.00	34.99 -0.18 0.00	35.28 -0.07 0.00	36.33 -0.29 0.00	37.70 -0.27 0.00	37.76 -0.23 0.00	41.47 -0.25 0.00	43.15 -0.26 0.00	47.43 -0.05 0.00	50.49 0.05 0.00	53.65 0.32 0.00	60.12 0.54 0.00	73.54 0.51 0.00	76.52 0.53 0.00	76.88 0.53 0.00	68.71 0.55 0.00	59.85 0.42 0.00	54.99 0.33 0.00	51.10 0.46 0.00
ONTARIO___LFGE 23819	48.52 0.62 0.00	41.18 0.96 0.00	38.32 0.93 0.00	36.22 0.64 0.00	36.19 0.57 0.00	35.09 0.55 0.00	35.56 0.39 0.00	35.95 0.60 0.00	36.77 0.15 0.00	38.12 0.15 0.00	38.11 0.11 0.00	41.97 0.25 0.00	43.58 0.17 0.00	48.19 0.71 0.00	51.14 0.71 0.00	54.50 1.17 0.00	61.49 1.91 0.00	75.29 2.27 0.00	78.27 2.28 0.00	78.63 2.29 0.00	70.21 2.04 0.00	61.21 1.78 0.00	56.41 1.75 0.00	52.42 1.77 0.00
ORANGEVILLE_WT_PWR 323706	47.85 -0.05 0.00	41.26 1.04 0.00	38.50 1.12 0.00	36.11 0.53 0.00	36.08 0.46 0.00	34.92 0.38 0.00	35.28 0.11 0.00	35.81 0.46 0.00	36.26 -0.37 0.00	37.39 -0.57 0.00	37.38 -0.61 0.00	41.13 -0.58 0.00	42.54 -0.87 0.00	47.38 -0.09 0.00	50.29 -0.15 0.00	53.49 0.16 0.00	60.71 1.13 0.00	73.83 0.80 0.00	76.45 0.46 0.00	76.73 0.38 0.00	68.44 0.27 0.00	60.09 0.65 0.00	55.65 0.99 0.00	51.86 1.21 0.00
ORANGEVILLE___ESR 323794	47.85 -0.05 0.00	41.26 1.04 0.00	38.50 1.12 0.00	36.11 0.53 0.00	36.08 0.46 0.00	34.92 0.38 0.00	35.28 0.11 0.00	35.81 0.46 0.00	36.26 -0.37 0.00	37.39 -0.57 0.00	37.38 -0.61 0.00	41.13 -0.58 0.00	42.54 -0.87 0.00	47.38 -0.09 0.00	50.29 -0.15 0.00	53.49 0.16 0.00	60.71 1.13 0.00	73.83 0.80 0.00	76.45 0.46 0.00	76.73 0.38 0.00	68.44 0.27 0.00	60.09 0.65 0.00	55.65 0.99 0.00	51.86 1.21 0.00
OSWEGATCHIE___HYD 24044	48.62 0.72 0.00	40.90 0.68 0.00	37.94 0.56 0.00	36.00 0.43 0.00	36.08 0.46 0.00	35.03 0.48 0.00	35.66 0.49 0.00	35.63 0.28 0.00	36.89 0.26 0.00	38.30 0.34 0.00	38.26 0.27 0.00	42.01 0.29 0.00	43.76 0.35 0.00	47.71 0.24 0.00	50.59 0.15 0.00	53.23 -0.11 0.00	59.76 0.18 0.00	73.68 0.66 0.00	77.43 1.44 0.00	78.48 2.13 0.00	70.62 2.45 0.00	65.18 2.44 -3.32	56.41 1.75 0.00	51.96 1.31 0.00
OSWEGO___5 23606	46.89 -1.01 0.00	39.54 -0.68 0.00	36.78 -0.60 0.00	34.94 -0.64 0.00	34.94 -0.68 0.00	33.89 -0.66 0.00	34.43 -0.74 0.00	34.68 -0.67 0.00	35.79 -0.84 0.00	37.09 -0.87 0.00	37.16 -0.84 0.00	40.80 -0.92 0.00	42.46 -0.96 0.00	46.57 -0.90 0.00	49.53 -0.91 0.00	52.53 -0.80 0.00	58.80 -0.78 0.00	71.93 -1.09 0.00	74.85 -1.14 0.00	75.20 -1.14 0.00	67.21 -0.95 0.00	58.60 -0.83 0.00	53.95 -0.71 0.00	50.04 -0.61 0.00
OSWEGO___6 23613	46.89 -1.01 0.00	39.54 -0.68 0.00	36.78 -0.60 0.00	34.94 -0.64 0.00	34.94 -0.68 0.00	33.89 -0.66 0.00	34.43 -0.74 0.00	34.68 -0.67 0.00	35.79 -0.84 0.00	37.09 -0.87 0.00	37.16 -0.84 0.00	40.80 -0.92 0.00	42.46 -0.96 0.00	46.57 -0.90 0.00	49.53 -0.91 0.00	52.53 -0.80 0.00	58.80 -0.78 0.00	71.93 -1.09 0.00	74.85 -1.14 0.00	75.20 -1.14 0.00	67.21 -0.95 0.00	58.60 -0.83 0.00	53.95 -0.71 0.00	50.04 -0.61 0.00

OUTOKUMPU-AB___DRP 24206	47.37 -0.53 0.00	41.18 0.97 0.00	38.46 1.08 0.00	36.00 0.43 0.00	35.87 0.25 0.00	34.72 0.17 0.00	35.03 -0.14 0.00	35.85 0.49 0.00	36.30 -0.33 0.00	37.32 -0.65 0.00	37.42 -0.57 0.00	40.97 -0.75 0.00	42.54 -0.87 0.00	47.57 0.09 0.00	50.49 0.05 0.00	53.81 0.48 0.00	61.25 1.67 0.00	73.97 0.95 0.00	76.29 0.30 0.00	76.34 0.00 0.00	67.83 -0.34 0.00	59.61 0.18 0.00	54.39 -0.27 0.00	51.56 0.91 0.00
OXBOW___BTM 323836	46.84 -1.05 0.00	40.70 0.48 0.00	38.02 0.63 0.00	35.93 0.36 0.00	35.48 -0.14 0.00	34.68 0.14 0.00	34.64 -0.53 0.00	35.42 0.07 0.00	35.93 -0.70 0.00	37.02 -0.95 0.00	37.04 -0.95 0.00	40.72 -1.00 0.00	42.06 -1.35 0.00	47.04 -0.43 0.00	49.88 -0.55 0.00	53.17 -0.16 0.00	60.48 0.90 0.00	73.25 0.22 0.00	75.54 -0.45 0.00	75.43 -0.91 0.00	67.01 -1.16 0.00	58.95 -0.48 0.00	54.77 0.11 0.00	51.05 0.40 0.00
OXBOW___ 24026	46.79 -1.10 0.00	40.70 0.48 0.00	38.02 0.64 0.00	35.82 0.25 0.00	35.47 -0.14 0.00	34.30 -0.24 0.00	34.64 -0.53 0.00	35.42 0.07 0.00	35.90 -0.73 0.00	36.94 -1.02 0.00	37.04 -0.95 0.00	40.51 -1.21 0.00	42.06 -1.35 0.00	47.05 -0.43 0.00	49.88 -0.55 0.00	53.17 -0.16 0.00	60.47 0.89 0.00	73.10 0.07 0.00	75.31 -0.68 0.00	75.43 -0.92 0.00	67.01 -1.16 0.00	58.90 -0.53 0.00	53.68 -0.98 0.00	50.90 0.25 0.00
OXY_CHEM_DSASP 323612	46.03 -1.87 0.00	40.06 -0.16 0.00	37.46 0.07 0.00	35.50 -0.07 0.00	34.90 -0.71 0.00	33.75 -0.79 0.00	34.12 -1.06 0.00	34.89 -0.46 0.00	35.38 -1.25 0.00	36.41 -1.56 0.00	36.47 -1.52 0.00	39.92 -1.79 0.00	41.41 -2.00 0.00	46.24 -1.23 0.00	49.03 -1.41 0.00	52.27 -1.07 0.00	59.46 -0.12 0.00	71.78 -1.24 0.00	74.01 -1.98 0.00	74.13 -2.21 0.00	65.85 -2.32 0.00	57.89 -1.55 0.00	52.75 -1.91 0.00	49.99 -0.66 0.00
OZONE_PARK_ESR 323760	51.97 4.07 0.00	43.28 3.06 0.00	40.03 2.65 0.00	38.17 2.60 0.00	38.22 2.60 0.00	37.13 2.59 0.00	37.84 2.67 0.00	38.14 2.79 0.00	39.41 2.78 0.00	40.96 3.00 0.00	41.75 3.27 -0.49	46.18 3.63 -0.83	48.17 3.78 -0.98	52.14 4.04 -0.63	55.24 4.29 -0.51	58.54 4.64 -0.57	63.69 4.11 0.00	77.48 4.45 0.00	80.47 4.48 0.00	80.54 4.20 0.00	71.37 3.20 0.00	62.11 2.67 0.00	58.05 3.39 0.00	54.24 3.60 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	46.03 -1.87 0.00	40.06 -0.16 0.00	37.46 0.07 0.00	35.50 -0.07 0.00	34.90 -0.71 0.00	33.75 -0.79 0.00	34.12 -1.06 0.00	34.89 -0.46 0.00	35.38 -1.25 0.00	36.41 -1.56 0.00	36.47 -1.52 0.00	39.92 -1.79 0.00	41.41 -2.00 0.00	46.24 -1.23 0.00	49.03 -1.41 0.00	52.27 -1.07 0.00	59.46 -0.12 0.00	71.78 -1.24 0.00	74.01 -1.98 0.00	74.13 -2.21 0.00	65.85 -2.32 0.00	57.89 -1.55 0.00	52.75 -1.91 0.00	49.99 -0.66 0.00
PACKARD___115KV_DUPONT_184 80571	46.03 -1.87 0.00	40.06 -0.16 0.00	37.46 0.07 0.00	35.50 -0.07 0.00	34.90 -0.71 0.00	33.75 -0.79 0.00	34.12 -1.06 0.00	34.89 -0.46 0.00	35.38 -1.25 0.00	36.41 -1.56 0.00	36.47 -1.52 0.00	39.92 -1.79 0.00	41.41 -2.00 0.00	46.24 -1.23 0.00	49.03 -1.41 0.00	52.27 -1.07 0.00	59.46 -0.12 0.00	71.78 -1.24 0.00	74.01 -1.98 0.00	74.13 -2.21 0.00	65.85 -2.32 0.00	57.89 -1.55 0.00	52.75 -1.91 0.00	49.99 -0.66 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.58 3.69 0.00	42.99 2.78 0.00	39.81 2.43 0.00	37.96 2.38 0.00	38.04 2.42 0.00	36.93 2.38 0.00	37.67 2.50 0.00	37.90 2.55 0.00	39.16 2.53 0.00	40.66 2.70 0.00	41.40 2.93 -0.49	45.76 3.21 -0.83	47.65 3.26 -0.98	51.57 3.47 -0.63	54.68 3.73 -0.51	57.96 4.05 -0.57	63.10 3.52 -0.01	76.68 3.65 -0.01	79.72 3.72 -0.01	79.55 3.21 0.00	70.55 2.39 0.00	61.69 2.26 0.00	57.73 3.06 0.00	53.89 3.24 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	52.21 4.31 0.00	43.48 3.26 0.00	40.30 2.92 0.00	38.46 2.88 0.00	38.50 2.88 0.00	37.44 2.90 0.00	38.16 2.99 0.00	38.36 3.00 0.00	39.63 3.00 0.00	41.11 3.15 0.00	41.86 3.38 -0.49	46.26 3.71 -0.83	48.21 3.82 -0.98	52.19 4.08 -0.63	55.39 4.44 -0.51	58.76 4.85 -0.57	64.00 4.41 -0.01	77.85 4.82 -0.01	80.94 4.94 -0.01	80.85 4.50 0.00	71.64 3.48 0.00	62.64 3.21 0.00	58.66 3.99 0.00	54.75 4.10 0.00
PATROON___115KV_TB1 80586	49.38 1.48 0.00	41.26 1.05 0.00	38.39 1.01 0.00	36.68 1.10 0.00	36.76 1.14 0.00	35.65 1.11 0.00	36.30 1.13 0.00	36.45 1.10 0.00	37.51 0.88 0.00	38.80 0.84 0.00	38.40 0.80 0.39	41.97 0.92 0.67	43.57 0.96 0.79	47.53 0.57 0.51	50.68 0.66 0.41	53.73 0.85 0.46	60.24 0.66 0.00	74.05 1.02 0.00	77.13 1.14 0.00	77.49 1.15 0.00	68.98 0.82 0.00	60.09 0.65 0.00	55.54 0.87 0.00	51.56 0.91 0.00
PATTRSNVILLE___SOLAR 323815	49.86 1.96 0.00	41.75 1.53 0.00	38.80 1.42 0.00	36.96 1.39 0.00	37.04 1.43 0.00	35.89 1.35 0.00	36.47 1.30 0.00	36.52 1.16 0.00	37.43 0.80 0.00	38.65 0.68 0.00	38.28 0.61 0.32	41.80 0.63 0.54	43.51 0.74 0.64	47.87 0.81 0.41	51.06 0.96 0.34	54.19 1.23 0.37	60.77 1.19 0.00	75.07 2.04 0.00	78.58 2.59 0.00	79.40 3.06 0.00	70.96 2.80 0.00	61.75 2.32 0.00	56.91 2.24 0.00	52.82 2.18 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	47.66 -0.24 0.00	41.22 1.01 0.00	38.46 1.08 0.00	35.86 0.28 0.00	35.94 0.32 0.00	34.82 0.28 0.00	35.14 -0.04 0.00	35.88 0.53 0.00	36.37 -0.26 0.00	37.55 -0.42 0.00	37.69 -0.30 0.00	41.26 -0.46 0.00	42.89 -0.52 0.00	47.90 0.43 0.00	50.84 0.40 0.00	54.24 0.91 0.00	61.61 2.03 0.00	74.56 1.53 0.00	76.67 0.68 0.00	76.72 0.38 0.00	68.17 0.00 0.00	59.85 0.42 0.00	54.72 0.05 0.00	51.76 1.11 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.10 3.21 0.00	42.59 2.37 0.00	39.47 2.09 0.00	37.60 2.03 0.00	37.72 2.10 0.00	36.65 2.11 0.00	37.32 2.15 0.00	37.47 2.12 0.00	38.68 2.05 0.00	40.05 2.09 0.00	40.68 2.20 -0.48	45.05 2.50 -0.82	46.99 2.60 -0.97	50.95 2.85 -0.62	54.02 3.08 -0.51	57.26 3.36 -0.57	62.68 3.10 0.00	76.68 3.65 0.00	79.87 3.88 0.00	80.01 3.66 0.00	71.03 2.86 0.00	61.69 2.26 0.00	57.45 2.79 0.00	53.64 2.99 0.00
PEEKSKILL___ 23653	50.82 2.92 0.00	42.39 2.17 0.00	39.29 1.91 0.00	37.42 1.85 0.00	37.50 1.89 0.00	36.44 1.90 0.00	37.17 2.00 0.00	37.40 2.05 0.00	38.64 2.01 0.00	40.13 2.16 0.00	40.79 2.32 -0.48	45.08 2.55 -0.82	47.03 2.65 -0.97	50.80 2.70 -0.62	53.82 2.87 -0.51	57.04 3.15 -0.56	62.26 2.68 0.00	75.95 2.92 0.00	78.88 2.89 0.00	78.94 2.60 0.00	70.07 1.91 0.00	60.92 1.49 0.00	56.63 1.97 0.00	53.08 2.43 0.00
PGE MADISON___WINDPWR 24146	51.58 3.69 0.00	43.68 3.46 0.00	40.52 3.14 0.00	38.28 2.70 0.00	38.25 2.64 0.00	37.17 2.62 0.00	37.92 2.75 0.00	37.93 2.58 0.00	38.64 2.01 0.00	39.86 1.90 0.00	39.78 1.79 0.00	43.68 1.96 0.00	45.62 2.21 0.00	50.23 2.75 0.00	53.87 3.43 0.00	57.44 4.11 0.00	64.64 5.06 0.00	79.45 6.43 0.00	83.51 7.52 0.00	84.21 7.87 0.00	75.60 7.43 0.00	65.55 6.12 0.00	59.97 5.30 0.00	55.56 4.91 0.00

PIERCEFIELD___HYD 23852	48.18 0.29 0.00	40.50 0.28 0.00	37.57 0.19 0.00	35.65 0.07 0.00	35.76 0.14 0.00	34.72 0.17 0.00	35.38 0.21 0.00	35.35 0.00 0.00	36.85 0.22 0.00	38.34 0.38 0.00	38.30 0.30 0.00	42.05 0.33 0.00	43.80 0.39 0.00	47.85 0.38 0.00	50.54 0.10 0.00	52.96 -0.37 0.00	59.64 0.06 0.00	73.46 0.44 0.00	76.75 0.76 0.00	77.56 1.22 0.00	69.87 1.70 0.00	65.93 1.60 -4.90	55.54 0.87 0.00	51.15 0.51 0.00
PINELAWN_CC_1 323563	51.68 3.78 0.00	43.03 2.81 0.00	39.66 2.28 0.00	37.53 1.96 0.00	37.47 1.85 0.00	36.65 2.11 0.00	37.53 2.36 0.00	37.62 2.26 0.00	39.30 2.67 0.00	41.30 3.34 0.00	42.06 3.57 -0.49	46.39 3.84 -0.84	47.95 3.56 -0.98	50.15 2.09 -0.59	53.56 2.72 -0.40	56.62 2.98 -0.30	61.97 2.39 0.00	74.77 2.12 0.38	77.60 1.90 0.29	77.25 1.45 0.54	58.67 0.54 10.04	53.77 0.47 6.14	49.76 0.93 5.83	49.20 1.52 2.97
PJM_GEN_HTTP_PROXY 323702	51.35 3.45 0.00	42.75 2.54 0.00	39.62 2.24 0.00	37.75 2.17 0.00	37.83 2.21 0.00	36.76 2.21 0.00	37.49 2.32 0.00	37.76 2.41 0.00	39.04 2.42 0.00	40.58 2.62 0.00	41.33 2.85 -0.49	45.68 3.13 -0.83	47.65 3.26 -0.98	51.48 3.37 -0.63	54.53 3.58 -0.51	55.40 3.84 1.78	65.20 3.27 -2.35	76.46 3.43 0.00	79.41 3.42 0.00	79.47 3.13 0.00	70.49 2.32 0.00	63.12 1.84 -1.85	55.22 2.40 1.85	53.53 2.89 0.00
PJM_GEN_KEystone 24065	49.00 1.10 0.00	41.47 1.25 0.00	38.54 1.16 0.00	36.50 0.92 0.00	36.51 0.89 0.00	35.44 0.90 0.00	35.98 0.81 0.00	36.38 1.03 0.00	37.36 0.73 0.00	38.68 0.72 0.00	39.09 0.83 -0.26	43.08 0.92 -0.45	44.81 0.87 -0.53	49.00 1.19 -0.34	51.97 1.26 -0.28	52.84 1.55 2.04	63.59 1.67 -2.35	76.38 1.46 -1.89	75.08 0.99 1.90	76.95 0.61 0.00	68.44 0.27 0.00	61.64 0.36 -1.85	53.64 0.82 1.85	52.02 1.37 0.00
PJM_GEN_NEPTUNE_PROXY 323594	51.15 3.26 0.00	42.59 2.37 0.00	39.32 1.94 0.00	37.25 1.67 0.00	37.22 1.60 0.00	36.34 1.80 0.00	37.21 2.04 0.00	37.33 1.98 0.00	38.97 2.35 0.00	40.85 2.88 0.00	41.53 3.04 -0.49	45.85 3.29 -0.84	47.52 3.13 -0.98	50.34 2.23 -0.63	53.82 2.87 -0.51	54.60 3.04 1.78	64.55 2.62 -2.35	75.43 2.41 0.00	78.20 2.21 0.00	78.10 1.76 0.00	57.40 0.95 11.72	54.91 0.65 5.18	46.91 1.09 8.84	48.66 1.62 3.61
PJM_GEN_VFT_PROXY 323633	51.25 3.35 0.00	42.63 2.41 0.00	39.47 2.09 0.00	37.64 2.06 0.00	37.72 2.10 0.00	36.65 2.11 0.00	37.39 2.22 0.00	37.65 2.30 0.00	38.97 2.35 0.00	40.51 2.54 0.00	41.25 2.77 -0.49	45.59 3.04 -0.83	47.61 3.21 -0.98	51.43 3.32 -0.63	54.43 3.48 -0.51	55.23 3.68 1.78	64.85 2.92 -2.35	76.02 3.00 0.00	78.94 2.96 0.01	78.93 2.60 0.01	70.06 1.91 0.01	62.76 1.49 -1.85	54.90 2.08 1.85	53.33 2.68 0.00
PLATSBURG_115KV_PMLD1 355749	47.90 0.00 0.00	40.18 -0.04 0.00	37.27 -0.11 0.00	35.36 -0.21 0.00	35.44 -0.18 0.00	34.41 -0.14 0.00	35.06 -0.11 0.00	35.17 -0.18 0.00	36.77 0.15 0.00	38.19 0.23 0.00	38.22 0.23 0.00	41.97 0.25 0.00	43.67 0.26 0.00	47.76 0.28 0.00	49.98 -0.45 0.00	52.21 -1.12 0.00	58.51 -1.07 0.00	72.22 -0.80 0.00	75.23 -0.76 0.00	75.89 -0.46 0.00	68.10 -0.07 0.00	59.66 -0.12 -0.35	54.17 -0.49 0.00	50.24 -0.41 0.00
PLEASANTVLY___LBMP 24000	50.34 2.44 0.00	41.99 1.77 0.00	38.95 1.57 0.00	37.18 1.60 0.00	37.22 1.60 0.00	36.17 1.62 0.00	36.86 1.69 0.00	37.05 1.70 0.00	38.24 1.61 0.00	39.63 1.67 0.00	40.32 1.79 -0.54	44.61 1.96 -0.93	46.50 2.00 -1.10	50.22 2.04 -0.70	53.23 2.22 -0.57	56.37 2.40 -0.64	61.55 1.97 0.00	75.22 2.19 0.00	78.19 2.20 0.00	78.33 1.98 0.00	69.53 1.36 0.00	60.56 1.13 0.00	56.36 1.69 0.00	52.62 1.98 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.77 2.87 0.00	42.31 2.09 0.00	39.25 1.87 0.00	37.43 1.85 0.00	37.47 1.85 0.00	36.44 1.90 0.00	37.10 1.93 0.00	37.33 1.98 0.00	38.53 1.90 0.00	39.97 2.01 0.00	40.65 2.17 -0.50	44.99 2.42 -0.85	46.89 2.47 -1.00	50.68 2.56 -0.65	53.74 2.77 -0.52	56.90 2.99 -0.58	62.20 2.62 0.00	75.87 2.85 0.00	78.88 2.89 0.00	79.02 2.67 0.00	70.14 1.98 0.00	61.04 1.60 0.00	56.85 2.19 0.00	53.08 2.43 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.77 2.87 0.00	42.31 2.09 0.00	39.25 1.87 0.00	37.43 1.85 0.00	37.47 1.85 0.00	36.44 1.90 0.00	37.10 1.93 0.00	37.33 1.98 0.00	38.53 1.90 0.00	39.97 2.01 0.00	40.65 2.17 -0.50	44.99 2.42 -0.85	46.89 2.47 -1.00	50.68 2.56 -0.65	53.74 2.77 -0.52	56.90 2.99 -0.58	62.20 2.62 0.00	75.87 2.85 0.00	78.88 2.89 0.00	79.02 2.67 0.00	70.14 1.98 0.00	61.04 1.60 0.00	56.85 2.19 0.00	53.08 2.43 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.87 2.97 0.00	42.43 2.21 0.00	39.32 1.94 0.00	37.50 1.92 0.00	37.58 1.96 0.00	36.51 1.97 0.00	37.17 2.00 0.00	37.33 1.98 0.00	38.50 1.87 0.00	39.86 1.90 0.00	40.44 1.98 -0.47	44.73 2.21 -0.80	46.66 2.30 -0.95	50.60 2.52 -0.61	53.71 2.77 -0.49	56.92 3.04 -0.55	62.38 2.80 0.00	76.31 3.29 0.00	79.49 3.50 0.00	79.63 3.28 0.00	70.69 2.52 0.00	61.51 2.08 0.00	57.23 2.57 0.00	53.38 2.73 0.00
POLETTI____ 23519	51.39 3.50 0.00	42.75 2.53 0.00	39.59 2.21 0.00	37.78 2.21 0.00	37.83 2.21 0.00	36.75 2.21 0.00	37.46 2.29 0.00	37.72 2.37 0.00	39.01 2.38 0.00	40.51 2.54 0.00	41.29 2.81 -0.49	45.68 3.13 -0.83	47.61 3.21 -0.98	51.52 3.42 -0.63	54.58 3.63 -0.51	57.74 3.84 -0.57	62.80 3.22 0.00	76.46 3.43 0.00	79.41 3.42 0.00	79.40 3.05 0.00	70.42 2.25 0.00	61.21 1.78 0.00	57.29 2.62 0.00	53.59 2.94 0.00
POMONA___ESR 323819	50.96 3.07 0.00	42.51 2.29 0.00	39.43 2.05 0.00	37.57 1.99 0.00	37.65 2.03 0.00	36.58 2.04 0.00	37.28 2.11 0.00	37.51 2.16 0.00	38.75 2.12 0.00	40.24 2.28 0.00	40.88 2.43 -0.46	45.17 2.67 -0.78	47.12 2.78 -0.92	50.92 2.85 -0.59	54.00 3.08 -0.48	57.23 3.36 -0.54	62.56 2.98 0.00	76.23 3.21 0.00	78.88 2.89 0.00	79.01 2.67 0.00	70.14 1.98 0.00	60.97 1.54 0.00	56.69 2.02 0.00	53.13 2.48 0.00
PORT_JEFF_3 23555	51.44 3.54 0.00	42.91 2.69 0.00	39.59 2.20 0.00	37.39 1.81 0.00	37.33 1.71 0.00	36.55 2.00 0.00	37.56 2.39 0.00	37.51 2.16 0.00	39.27 2.64 0.00	41.34 3.38 0.00	42.17 3.68 -0.49	46.56 4.01 -0.84	47.87 3.47 -0.98	50.24 2.23 -0.54	53.75 3.03 -0.28	56.60 3.25 -0.01	62.62 3.04 0.00	74.87 2.63 0.78	77.74 2.36 0.61	77.05 1.83 1.12	58.12 0.95 11.00	53.10 0.53 6.87	48.97 0.82 6.52	48.87 1.57 3.35
PORT_JEFF_4 23616	51.44 3.54 0.00	42.91 2.69 0.00	39.59 2.20 0.00	37.39 1.81 0.00	37.33 1.71 0.00	36.55 2.00 0.00	37.56 2.39 0.00	37.51 2.16 0.00	39.27 2.64 0.00	41.34 3.38 0.00	42.17 3.68 -0.49	46.56 4.01 -0.84	47.87 3.47 -0.98	50.24 2.23 -0.54	53.75 3.03 -0.28	56.60 3.25 -0.01	62.62 3.04 0.00	74.87 2.63 0.78	77.74 2.36 0.61	77.05 1.83 1.12	58.12 0.95 11.00	53.10 0.53 6.87	48.97 0.82 6.52	48.87 1.57 3.35

PORT_JEFF_IC 23713	51.54 3.64 0.00	42.99 2.78 0.00	39.51 2.13 0.00	37.75 2.17 0.00	37.65 2.03 0.00	36.86 2.31 0.00	37.63 2.46 0.00	37.54 2.19 0.00	39.23 2.60 0.00	41.38 3.42 0.00	42.20 3.72 -0.49	46.60 4.05 -0.83	47.65 3.26 -0.98	50.49 2.52 -0.51	53.93 3.28 -0.21	56.69 3.52 0.16	62.92 3.34 0.00	74.70 2.70 1.02	77.62 2.43 0.80	76.78 1.91 1.47	58.30 1.09 10.96	53.22 0.71 6.93	49.59 1.42 6.50	49.03 1.72 3.34
PPL PILGRIM_ST_GT1 24216	51.92 4.02 0.00	43.24 3.02 0.00	39.89 2.50 0.00	37.71 2.13 0.00	37.65 2.03 0.00	36.82 2.28 0.00	37.77 2.60 0.00	37.82 2.47 0.00	39.56 2.93 0.00	41.61 3.64 0.00	42.40 3.91 -0.49	46.77 4.21 -0.84	48.17 3.77 -0.98	50.55 2.56 -0.51	54.05 3.38 -0.23	56.89 3.68 0.12	62.80 3.22 0.00	75.20 3.14 0.96	78.13 2.89 0.75	77.34 2.37 1.38	58.94 1.57 10.80	53.69 1.07 6.81	49.69 1.42 6.40	49.39 2.03 3.29
PPL PILGRIM_ST_GT2 24217	51.92 4.02 0.00	43.24 3.02 0.00	39.89 2.50 0.00	37.71 2.13 0.00	37.65 2.03 0.00	36.82 2.28 0.00	37.77 2.60 0.00	37.82 2.47 0.00	39.56 2.93 0.00	41.61 3.64 0.00	42.40 3.91 -0.49	46.77 4.21 -0.84	48.17 3.77 -0.98	50.55 2.56 -0.51	54.05 3.38 -0.23	56.89 3.68 0.12	62.80 3.22 0.00	75.20 3.14 0.96	78.13 2.89 0.75	77.34 2.37 1.38	58.94 1.57 10.80	53.69 1.07 6.81	49.69 1.42 6.40	49.39 2.03 3.29
PPL_SHRM_GT3 24213	51.06 3.16 0.00	42.59 2.37 0.00	39.32 1.94 0.00	37.07 1.49 0.00	37.00 1.39 0.00	36.24 1.69 0.00	37.56 2.39 0.00	37.19 1.84 0.00	39.01 2.38 0.00	41.11 3.15 0.00	41.98 3.49 -0.49	46.39 3.84 -0.84	47.69 3.30 -0.98	50.09 2.09 -0.53	53.68 2.98 -0.27	56.56 3.25 0.02	62.68 3.10 0.00	75.19 3.00 0.83	78.00 2.66 0.65	77.28 2.13 1.19	58.07 0.88 10.98	52.92 0.36 6.87	48.70 0.55 6.51	48.57 1.27 3.34
PPL_SHRM_GT4 24214	51.06 3.16 0.00	42.59 2.37 0.00	39.32 1.94 0.00	37.07 1.49 0.00	37.00 1.39 0.00	36.24 1.69 0.00	37.56 2.39 0.00	37.19 1.84 0.00	39.01 2.38 0.00	41.11 3.15 0.00	41.98 3.49 -0.49	46.39 3.84 -0.84	47.69 3.30 -0.98	50.09 2.09 -0.53	53.68 2.98 -0.27	56.56 3.25 0.02	62.68 3.10 0.00	75.19 3.00 0.83	78.00 2.66 0.65	77.28 2.13 1.19	58.07 0.88 10.98	52.92 0.36 6.87	48.70 0.55 6.51	48.57 1.27 3.34
PROJECT___ORANGE 1 24174	47.42 -0.48 0.00	40.02 -0.20 0.00	37.27 -0.11 0.00	35.36 -0.21 0.00	35.40 -0.21 0.00	34.30 -0.24 0.00	34.85 -0.32 0.00	35.17 -0.18 0.00	36.22 -0.40 0.00	37.55 -0.42 0.00	37.57 -0.42 0.00	41.26 -0.46 0.00	42.93 -0.48 0.00	47.14 -0.33 0.00	50.19 -0.25 0.00	53.33 0.00 0.00	59.76 0.18 0.00	73.03 0.00 0.00	75.99 0.00 0.00	76.34 0.00 0.00	68.17 0.00 0.00	59.43 0.00 0.00	54.61 -0.05 0.00	50.75 0.10 0.00
PROJECT___ORANGE 2 24166	47.42 -0.48 0.00	40.02 -0.20 0.00	37.27 -0.11 0.00	35.36 -0.21 0.00	35.40 -0.21 0.00	34.30 -0.24 0.00	34.85 -0.32 0.00	35.17 -0.18 0.00	36.22 -0.40 0.00	37.55 -0.42 0.00	37.57 -0.42 0.00	41.26 -0.46 0.00	42.93 -0.48 0.00	47.14 -0.33 0.00	50.19 -0.25 0.00	53.33 0.00 0.00	59.76 0.18 0.00	73.03 0.00 0.00	75.99 0.00 0.00	76.34 0.00 0.00	68.17 0.00 0.00	59.43 0.00 0.00	54.61 -0.05 0.00	50.75 0.10 0.00
PUCKETT___SOLAR 323809	49.14 1.24 0.00	41.54 1.33 0.00	38.61 1.23 0.00	36.61 1.03 0.00	36.61 1.00 0.00	35.55 1.00 0.00	36.12 0.95 0.00	36.34 0.99 0.00	37.21 0.58 0.00	38.45 0.49 0.00	38.45 0.46 0.00	42.22 0.50 0.00	43.93 0.52 0.00	48.33 0.86 0.00	51.55 1.11 0.00	54.82 1.49 0.00	61.54 1.96 0.00	75.36 2.34 0.00	78.49 2.50 0.00	78.94 2.60 0.00	70.62 2.45 0.00	61.51 2.08 0.00	56.63 1.97 0.00	52.68 2.03 0.00
PYRITES___HYD 24023	48.81 0.91 0.00	41.06 0.84 0.00	38.05 0.67 0.00	36.11 0.53 0.00	36.22 0.61 0.00	35.16 0.62 0.00	35.84 0.67 0.00	35.67 0.32 0.00	37.10 0.48 0.00	38.53 0.57 0.00	38.45 0.46 0.00	42.18 0.46 0.00	43.93 0.52 0.00	48.04 0.57 0.00	50.79 0.35 0.00	53.28 -0.05 0.00	60.06 0.48 0.00	74.05 1.02 0.00	77.74 1.75 0.00	78.79 2.44 0.00	71.17 3.00 0.00	67.35 2.73 -5.19	56.41 1.75 0.00	51.91 1.27 0.00
QUAKERRD_115KV_BK1 80622	46.60 -1.29 0.00	39.70 -0.52 0.00	37.04 -0.34 0.00	34.86 -0.71 0.00	34.87 -0.75 0.00	33.78 -0.76 0.00	34.29 -0.88 0.00	34.71 -0.64 0.00	35.64 -0.99 0.00	36.90 -1.06 0.00	37.00 -0.99 0.00	40.63 -1.08 0.00	42.28 -1.13 0.00	46.81 -0.66 0.00	49.83 -0.61 0.00	53.12 -0.21 0.00	59.94 0.36 0.00	73.03 0.00 0.00	75.76 -0.23 0.00	75.81 -0.53 0.00	67.69 -0.48 0.00	59.07 -0.36 0.00	53.95 -0.71 0.00	50.44 -0.20 0.00
QUENSBRY_115KV_TB8 356137	49.96 2.06 0.00	41.83 1.61 0.00	38.88 1.50 0.00	37.03 1.46 0.00	37.11 1.50 0.00	35.96 1.42 0.00	36.61 1.44 0.00	36.73 1.38 0.00	38.53 1.90 0.00	39.82 1.86 0.00	39.01 1.44 0.42	42.58 1.59 0.73	44.29 1.74 0.86	47.68 0.76 0.55	50.90 0.91 0.45	54.17 1.33 0.50	61.13 1.55 0.00	75.65 2.63 0.00	79.87 3.88 0.00	80.77 4.43 0.00	72.19 4.02 0.00	62.64 3.21 0.00	57.73 3.06 0.00	53.33 2.68 0.00
RAMAPO___LBMP 323565	50.63 2.73 0.00	42.23 2.01 0.00	39.17 1.79 0.00	37.35 1.78 0.00	37.40 1.78 0.00	36.37 1.83 0.00	37.03 1.86 0.00	37.26 1.91 0.00	38.50 1.87 0.00	39.94 1.97 0.00	40.57 2.13 -0.45	44.83 2.34 -0.77	46.71 2.39 -0.91	50.53 2.47 -0.59	53.59 2.67 -0.48	56.80 2.93 -0.53	62.08 2.50 0.00	75.73 2.70 0.00	78.57 2.58 0.00	78.63 2.29 0.00	69.80 1.64 0.00	60.74 1.31 0.00	56.63 1.97 0.00	52.93 2.28 0.00
RANKINE____ 23646	47.75 -0.14 0.00	41.39 1.17 0.00	38.65 1.27 0.00	36.04 0.46 0.00	36.08 0.46 0.00	34.92 0.38 0.00	35.24 0.07 0.00	35.99 0.64 0.00	36.48 -0.15 0.00	37.62 -0.34 0.00	37.73 -0.27 0.00	41.30 -0.42 0.00	42.93 -0.48 0.00	47.90 0.43 0.00	50.84 0.40 0.00	54.19 0.85 0.00	61.61 2.03 0.00	74.56 1.53 0.00	76.75 0.76 0.00	76.88 0.53 0.00	68.37 0.20 0.00	60.03 0.59 0.00	54.83 0.16 0.00	51.86 1.22 0.00
RAVENSWOOD_GT2_1 24244	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.86 2.24 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.05 2.42 0.00	40.58 2.62 0.00	41.33 2.85 -0.49	45.72 3.17 -0.83	47.65 3.26 -0.98	51.52 3.42 -0.63	54.58 3.63 -0.51	57.80 3.89 -0.57	62.86 3.28 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.64 2.99 0.00
RAVENSWOOD_GT2_2 24245	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.86 2.24 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.05 2.42 0.00	40.58 2.62 0.00	41.33 2.85 -0.49	45.72 3.17 -0.83	47.65 3.26 -0.98	51.52 3.42 -0.63	54.58 3.63 -0.51	57.80 3.89 -0.57	62.86 3.28 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.64 2.99 0.00

RAVENSWOOD_GT2_3 24246	51.44 3.54 0.00	42.83 2.61 0.00	39.70 2.32 0.00	37.85 2.28 0.00	37.90 2.28 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.08 2.45 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.72 3.17 -0.83	47.69 3.30 -0.98	51.57 3.47 -0.63	54.63 3.68 -0.51	57.85 3.95 -0.57	62.92 3.34 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.63 3.28 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.69 3.04 0.00
RAVENSWOOD_GT2_4 24247	51.44 3.54 0.00	42.83 2.61 0.00	39.70 2.32 0.00	37.85 2.28 0.00	37.90 2.28 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.08 2.45 0.00	40.58 2.62 0.00	41.37 2.89 -0.49	45.72 3.17 -0.83	47.69 3.30 -0.98	51.57 3.47 -0.63	54.63 3.68 -0.51	57.85 3.95 -0.57	62.92 3.34 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.63 3.28 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.69 3.04 0.00
RAVENSWOOD_GT3_1 24248	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.86 2.24 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.05 2.42 0.00	40.58 2.62 0.00	41.33 2.85 -0.49	45.72 3.17 -0.83	47.65 3.26 -0.98	51.52 3.42 -0.63	54.58 3.63 -0.51	57.85 3.95 -0.57	62.92 3.34 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.64 2.99 0.00
RAVENSWOOD_GT3_2 24249	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.86 2.24 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.05 2.42 0.00	40.58 2.62 0.00	41.33 2.85 -0.49	45.72 3.17 -0.83	47.65 3.26 -0.98	51.52 3.42 -0.63	54.58 3.63 -0.51	57.85 3.95 -0.57	62.92 3.34 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.64 2.99 0.00
RAVENSWOOD_GT3_3 24250	51.54 3.64 0.00	42.87 2.65 0.00	39.74 2.35 0.00	37.89 2.31 0.00	37.93 2.32 0.00	36.86 2.31 0.00	37.60 2.43 0.00	37.83 2.47 0.00	39.12 2.49 0.00	40.62 2.66 0.00	41.40 2.93 -0.49	45.81 3.25 -0.83	47.74 3.34 -0.98	51.62 3.51 -0.63	54.68 3.73 -0.51	57.96 4.05 -0.57	63.04 3.46 0.00	76.75 3.72 0.00	79.71 3.72 0.00	79.70 3.36 0.00	70.69 2.52 0.00	61.51 2.08 0.00	57.51 2.84 0.00	53.74 3.09 0.00
RAVENSWOOD_GT3_4 24251	51.54 3.64 0.00	42.87 2.65 0.00	39.74 2.35 0.00	37.89 2.31 0.00	37.93 2.32 0.00	36.86 2.31 0.00	37.60 2.43 0.00	37.83 2.47 0.00	39.12 2.49 0.00	40.62 2.66 0.00	41.40 2.93 -0.49	45.81 3.25 -0.83	47.74 3.34 -0.98	51.62 3.51 -0.63	54.68 3.73 -0.51	57.96 4.05 -0.57	63.04 3.46 0.00	76.75 3.72 0.00	79.71 3.72 0.00	79.70 3.36 0.00	70.69 2.52 0.00	61.51 2.08 0.00	57.51 2.84 0.00	53.74 3.09 0.00
RAVENSWOOD_GT_1 23729	51.68 3.78 0.00	43.03 2.82 0.00	39.88 2.50 0.00	38.03 2.45 0.00	38.07 2.46 0.00	37.00 2.45 0.00	37.70 2.53 0.00	37.97 2.62 0.00	39.26 2.64 0.00	40.77 2.81 0.00	41.56 3.08 -0.49	45.97 3.42 -0.83	47.87 3.47 -0.98	51.81 3.70 -0.63	54.88 3.93 -0.51	58.12 4.21 -0.57	62.98 3.40 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.47 3.13 0.00	70.42 2.25 0.00	61.57 2.14 0.00	57.67 3.01 0.00	53.94 3.29 0.00
RAVENSWOOD_GT_10 24258	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.86 2.24 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.05 2.42 0.00	40.58 2.62 0.00	41.33 2.85 -0.49	45.72 3.17 -0.83	47.65 3.26 -0.98	51.52 3.42 -0.63	54.58 3.63 -0.51	57.80 3.89 -0.57	62.92 3.34 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.64 2.99 0.00
RAVENSWOOD_GT_11 24259	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.86 2.24 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.05 2.42 0.00	40.58 2.62 0.00	41.33 2.85 -0.49	45.72 3.17 -0.83	47.65 3.26 -0.98	51.52 3.42 -0.63	54.58 3.63 -0.51	57.80 3.89 -0.57	62.92 3.34 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.64 2.99 0.00
RAVENSWOOD_GT_4 24252	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.86 2.24 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.05 2.42 0.00	40.58 2.62 0.00	41.33 2.85 -0.49	45.72 3.17 -0.83	47.65 3.26 -0.98	51.52 3.42 -0.63	54.63 3.68 -0.51	57.85 3.95 -0.57	62.92 3.34 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.64 2.99 0.00
RAVENSWOOD_GT_5 24254	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.86 2.24 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.05 2.42 0.00	40.58 2.62 0.00	41.33 2.85 -0.49	45.72 3.17 -0.83	47.65 3.26 -0.98	51.52 3.42 -0.63	54.63 3.68 -0.51	57.85 3.95 -0.57	62.92 3.34 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.64 2.99 0.00
RAVENSWOOD_GT_6 24253	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.86 2.24 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.05 2.42 0.00	40.58 2.62 0.00	41.33 2.85 -0.49	45.72 3.17 -0.83	47.65 3.26 -0.98	51.52 3.42 -0.63	54.63 3.68 -0.51	57.85 3.95 -0.57	62.92 3.34 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.64 2.99 0.00
RAVENSWOOD_GT_7 24255	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.86 2.24 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.05 2.42 0.00	40.58 2.62 0.00	41.33 2.85 -0.49	45.72 3.17 -0.83	47.65 3.26 -0.98	51.52 3.42 -0.63	54.63 3.68 -0.51	57.85 3.95 -0.57	62.92 3.34 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.64 2.99 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.86 2.24 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.05 2.42 0.00	40.58 2.62 0.00	41.33 2.85 -0.49	45.72 3.17 -0.83	47.65 3.26 -0.98	51.52 3.42 -0.63	54.58 3.63 -0.51	57.80 3.89 -0.57	62.92 3.34 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.64 2.99 0.00
RAVENSWOOD_GT_9 24257	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.86 2.24 0.00	36.82 2.28 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.05 2.42 0.00	40.58 2.62 0.00	41.33 2.85 -0.49	45.72 3.17 -0.83	47.65 3.26 -0.98	51.52 3.42 -0.63	54.58 3.63 -0.51	57.80 3.89 -0.57	62.92 3.34 0.00	76.60 3.58 0.00	79.56 3.57 0.00	79.55 3.21 0.00	70.55 2.39 0.00	61.39 1.96 0.00	57.40 2.73 0.00	53.64 2.99 0.00

RAVENSWOOD___1 23533	51.69 3.78 -0.01	43.04 2.81 -0.01	39.85 2.47 -0.01	37.97 2.38 -0.01	38.05 2.42 -0.01	36.97 2.42 -0.01	37.71 2.53 -0.01	37.97 2.62 -0.01	39.27 2.64 -0.01	40.82 2.85 -0.01	41.56 3.08 -0.49	45.98 3.42 -0.84	47.96 3.56 -0.99	51.77 3.66 -0.64	54.84 3.88 -0.52	58.08 4.16 -0.58	62.97 3.39 0.00	76.53 3.51 0.00	79.49 3.50 0.00	79.40 3.06 0.00	70.41 2.25 0.00	61.45 2.02 0.00	57.46 2.79 -0.01	53.90 3.24 -0.01
RAVENSWOOD___2 23534	51.69 3.78 -0.01	43.04 2.81 -0.01	39.85 2.47 -0.01	37.97 2.38 -0.01	38.05 2.42 -0.01	36.97 2.42 -0.01	37.71 2.53 -0.01	37.97 2.62 -0.01	39.27 2.64 -0.01	40.82 2.85 -0.01	41.56 3.08 -0.49	45.98 3.42 -0.84	47.92 3.51 -0.99	51.77 3.66 -0.64	54.84 3.88 -0.52	58.08 4.16 -0.58	62.97 3.39 0.00	76.53 3.51 0.00	79.49 3.50 0.00	79.40 3.06 0.00	70.41 2.25 0.00	61.45 2.02 0.00	57.46 2.79 -0.01	53.90 3.24 -0.01
RAVENSWOOD___3 23535	51.44 3.54 0.00	42.83 2.61 0.00	39.66 2.28 0.00	37.78 2.21 0.00	37.86 2.25 0.00	36.79 2.24 0.00	37.53 2.36 0.00	37.79 2.44 0.00	39.08 2.45 0.00	40.62 2.66 0.00	41.36 2.89 -0.49	45.72 3.17 -0.83	47.74 3.34 -0.98	51.52 3.42 -0.63	54.58 3.63 -0.51	57.85 3.95 -0.57	62.91 3.33 0.00	76.53 3.51 0.00	79.49 3.50 0.00	79.55 3.21 0.00	70.55 2.38 0.00	61.33 1.90 0.00	57.18 2.52 0.00	53.63 2.99 0.00
RAVENSWOOD___4 23820	51.69 3.78 -0.01	43.04 2.81 -0.01	39.85 2.47 -0.01	37.97 2.38 -0.01	38.05 2.42 -0.01	36.97 2.42 -0.01	37.71 2.53 -0.01	37.97 2.62 -0.01	39.27 2.64 -0.01	40.82 2.85 -0.01	41.56 3.08 -0.49	45.94 3.38 -0.84	47.92 3.51 -0.99	51.77 3.66 -0.64	54.84 3.88 -0.52	58.08 4.16 -0.58	62.97 3.39 0.00	76.53 3.51 0.00	79.41 3.42 0.00	79.40 3.06 0.00	70.35 2.18 0.00	61.39 1.96 0.00	57.46 2.79 -0.01	53.90 3.24 -0.01
RCPL_TRUST___DRP 24196	51.44 3.54 0.00	42.83 2.61 0.00	39.70 2.32 0.00	37.85 2.28 0.00	37.90 2.28 0.00	36.82 2.28 0.00	37.56 2.39 0.00	37.83 2.47 0.00	39.08 2.45 0.00	40.62 2.66 0.00	41.37 2.89 -0.49	45.76 3.21 -0.83	47.69 3.30 -0.98	51.62 3.51 -0.63	54.68 3.73 -0.51	57.90 4.00 -0.57	62.98 3.40 0.00	76.68 3.65 0.00	79.64 3.65 0.00	79.70 3.36 0.00	70.69 2.52 0.00	61.45 2.02 0.00	57.45 2.79 0.00	53.69 3.04 0.00
RED___ROCHESTER 323720	47.94 0.05 0.00	40.90 0.68 0.00	38.20 0.82 0.00	35.93 0.36 0.00	35.87 0.25 0.00	34.82 0.28 0.00	35.24 0.07 0.00	35.74 0.39 0.00	36.63 0.00 0.00	37.92 -0.04 0.00	37.99 0.00 0.00	41.89 0.17 0.00	43.50 0.09 0.00	48.28 0.81 0.00	51.45 1.01 0.00	54.93 1.60 0.00	62.08 2.50 0.00	75.58 2.55 0.00	78.42 2.43 0.00	78.25 1.91 0.00	69.87 1.70 0.00	61.09 1.66 0.00	56.30 1.64 0.00	52.22 1.57 0.00
REGAN___SOLAR 323812	51.53 3.64 0.00	43.15 2.93 0.00	40.07 2.69 0.00	38.14 2.56 0.00	38.22 2.60 0.00	37.00 2.45 0.00	37.56 2.39 0.00	37.47 2.12 0.00	38.24 1.61 0.00	39.44 1.48 0.00	39.07 1.37 0.29	42.68 1.46 0.50	44.52 1.69 0.59	49.04 1.95 0.38	52.40 2.27 0.31	55.66 2.67 0.34	62.62 3.04 0.00	77.84 4.82 0.00	81.92 5.93 0.00	83.14 6.79 0.00	74.43 6.27 0.00	64.60 5.17 0.00	59.48 4.81 0.00	55.05 4.40 0.00
RENSSELAER___COGEN 23796	49.14 1.24 0.00	41.06 0.85 0.00	38.20 0.82 0.00	36.54 0.96 0.00	36.58 0.96 0.00	35.51 0.97 0.00	36.12 0.95 0.00	36.27 0.92 0.00	37.36 0.73 0.00	38.65 0.68 0.00	38.26 0.65 0.38	41.77 0.71 0.65	43.38 0.74 0.77	47.26 0.29 0.49	50.39 0.36 0.40	53.36 0.48 0.45	59.82 0.24 0.00	73.39 0.37 0.00	76.45 0.46 0.00	76.80 0.46 0.00	68.37 0.21 0.00	59.61 0.18 0.00	54.99 0.33 0.00	51.15 0.51 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.63 3.74 0.00	43.20 2.98 0.00	40.07 2.69 0.00	38.07 2.49 0.00	38.22 2.60 0.00	37.00 2.45 0.00	37.70 2.53 0.00	37.72 2.37 0.00	39.34 2.71 0.00	40.66 2.70 0.00	39.80 2.24 0.43	43.48 2.50 0.74	45.28 2.73 0.87	48.96 2.04 0.56	52.40 2.42 0.45	55.87 3.04 0.51	63.33 3.75 0.00	78.94 5.92 0.00	83.59 7.60 0.00	85.05 8.70 0.00	76.07 7.91 0.00	65.79 6.36 0.00	60.51 5.85 0.00	55.71 5.06 0.00
REVERE_CPPR_DRP 24186	49.57 1.68 0.00	41.79 1.57 0.00	38.80 1.42 0.00	36.79 1.21 0.00	36.83 1.21 0.00	35.75 1.21 0.00	36.40 1.23 0.00	36.48 1.13 0.00	37.51 0.88 0.00	38.80 0.84 0.00	38.83 0.84 0.00	42.59 0.88 0.00	44.45 1.04 0.00	48.61 1.14 0.00	51.90 1.46 0.00	55.04 1.71 0.00	61.67 2.09 0.00	75.73 2.70 0.00	79.41 3.42 0.00	79.93 3.59 0.00	71.85 3.68 0.00	63.00 3.15 -0.41	57.29 2.62 0.00	53.08 2.43 0.00
REYNLDPA_13_KV_LD 356490	47.80 -0.10 0.00	40.14 -0.08 0.00	37.27 -0.11 0.00	35.43 -0.14 0.00	35.47 -0.14 0.00	34.41 -0.14 0.00	35.06 -0.11 0.00	35.14 -0.21 0.00	36.66 0.04 0.00	38.08 0.11 0.00	38.07 0.08 0.00	41.80 0.08 0.00	43.50 0.09 0.00	47.57 0.09 0.00	50.29 -0.15 0.00	52.91 -0.43 0.00	59.34 -0.24 0.00	73.03 0.00 0.00	75.99 0.00 0.00	76.50 0.15 0.00	68.58 0.41 0.00	59.13 0.36 0.66	54.67 0.00 0.00	50.39 -0.25 0.00
REYNOLDS_115KV_TB3 80639	49.43 1.53 0.00	41.30 1.09 0.00	38.46 1.08 0.00	36.71 1.14 0.00	36.79 1.18 0.00	35.68 1.14 0.00	36.33 1.16 0.00	36.48 1.13 0.00	37.58 0.95 0.00	38.87 0.91 0.00	38.37 0.84 0.46	41.85 0.92 0.79	43.39 0.91 0.93	47.54 0.66 0.60	50.71 0.76 0.49	53.70 0.91 0.54	60.29 0.71 0.00	73.97 0.95 0.00	77.05 1.06 0.00	77.41 1.07 0.00	68.92 0.75 0.00	60.09 0.65 0.00	55.54 0.87 0.00	51.61 0.96 0.00
RIVERBAY____ 323610	52.21 4.31 0.00	43.48 3.26 0.00	40.30 2.92 0.00	38.46 2.88 0.00	38.50 2.88 0.00	37.44 2.90 0.00	38.16 2.99 0.00	38.36 3.00 0.00	39.63 3.00 0.00	41.11 3.15 0.00	41.86 3.38 -0.49	46.26 3.71 -0.83	48.21 3.82 -0.98	52.19 4.08 -0.63	55.39 4.44 -0.51	58.76 4.85 -0.57	64.00 4.41 -0.01	77.85 4.82 -0.01	80.94 4.94 -0.01	80.85 4.50 0.00	71.64 3.48 0.00	62.64 3.21 0.00	58.66 3.99 0.00	54.75 4.10 0.00
RIVERSDE_115KV_TB3 55908	49.33 1.44 0.00	41.22 1.01 0.00	38.35 0.97 0.00	36.68 1.10 0.00	36.72 1.10 0.00	35.65 1.11 0.00	36.26 1.09 0.00	36.41 1.06 0.00	37.51 0.88 0.00	38.80 0.84 0.00	38.33 0.76 0.42	41.83 0.83 0.72	43.43 0.87 0.85	47.45 0.52 0.55	50.60 0.61 0.45	53.64 0.80 0.50	60.12 0.54 0.00	73.83 0.80 0.00	76.90 0.91 0.00	77.26 0.92 0.00	68.78 0.61 0.00	59.97 0.53 0.00	55.43 0.77 0.00	51.46 0.81 0.00
ROARING___BROOK_WT_PWR 323790	47.80 -0.10 0.00	40.14 -0.08 0.00	37.31 -0.07 0.00	35.47 -0.11 0.00	35.55 -0.07 0.00	34.44 -0.10 0.00	35.10 -0.07 0.00	35.25 -0.11 0.00	36.55 -0.07 0.00	37.92 -0.04 0.00	37.92 -0.08 0.00	41.59 -0.12 0.00	43.24 -0.17 0.00	47.24 -0.24 0.00	50.09 -0.35 0.00	52.90 -0.43 0.00	59.10 -0.48 0.00	72.59 -0.44 0.00	75.69 -0.30 0.00	76.19 -0.15 0.00	68.03 -0.14 0.00	59.31 -0.12 0.00	54.45 -0.22 0.00	50.35 -0.30 0.00

ROCHESRG_115KV_T4 355643	47.37 -0.53 0.00	40.54 0.32 0.00	37.83 0.45 0.00	35.54 -0.04 0.00	35.55 -0.07 0.00	34.44 -0.10 0.00	34.92 -0.25 0.00	35.42 0.07 0.00	36.22 -0.40 0.00	37.47 -0.49 0.00	37.57 -0.42 0.00	41.26 -0.46 0.00	42.93 -0.48 0.00	47.57 0.09 0.00	50.64 0.20 0.00	53.97 0.64 0.00	61.01 1.43 0.00	74.19 1.17 0.00	76.90 0.91 0.00	76.95 0.61 0.00	68.64 0.48 0.00	60.03 0.59 0.00	54.77 0.11 0.00	51.36 0.71 0.00
ROCHESTER_9_IC 23652	47.66 -0.24 0.00	40.74 0.52 0.00	38.02 0.64 0.00	35.72 0.14 0.00	35.69 0.07 0.00	34.61 0.07 0.00	35.06 -0.11 0.00	35.56 0.21 0.00	36.44 -0.18 0.00	37.70 -0.27 0.00	37.80 -0.19 0.00	41.51 -0.21 0.00	43.19 -0.22 0.00	47.95 0.47 0.00	51.04 0.61 0.00	54.45 1.12 0.00	61.55 1.97 0.00	74.85 1.83 0.00	77.59 1.60 0.00	77.64 1.30 0.00	69.26 1.09 0.00	60.56 1.13 0.00	55.21 0.55 0.00	51.76 1.11 0.00
ROCKVIEW_13_KV_LD 356306	51.39 3.50 0.00	42.79 2.57 0.00	39.66 2.28 0.00	37.82 2.24 0.00	37.83 2.21 0.00	36.79 2.25 0.00	37.49 2.32 0.00	37.72 2.37 0.00	39.01 2.38 0.00	40.47 2.51 0.00	41.25 2.77 -0.49	45.64 3.09 -0.83	47.52 3.13 -0.98	51.43 3.32 -0.63	54.48 3.53 -0.51	57.74 3.84 -0.57	62.98 3.40 0.00	76.75 3.72 0.00	79.79 3.80 0.00	79.85 3.51 0.00	70.82 2.66 0.00	61.57 2.14 0.00	57.45 2.79 0.00	53.64 2.99 0.00
ROME____115KV_TB2 80656	49.57 1.68 0.00	41.79 1.57 0.00	38.80 1.42 0.00	36.79 1.21 0.00	36.83 1.21 0.00	35.75 1.21 0.00	36.40 1.23 0.00	36.48 1.13 0.00	37.51 0.88 0.00	38.80 0.84 0.00	38.83 0.84 0.00	42.59 0.88 0.00	44.45 1.04 0.00	48.61 1.14 0.00	51.90 1.46 0.00	55.04 1.71 0.00	61.67 2.09 0.00	75.73 2.70 0.00	79.41 3.42 0.00	79.93 3.59 0.00	71.85 3.68 0.00	63.00 3.15 -0.41	57.29 2.62 0.00	53.08 2.43 0.00
ROSETON___1 23587	50.29 2.39 0.00	41.95 1.73 0.00	38.95 1.57 0.00	37.10 1.53 0.00	37.18 1.57 0.00	36.13 1.59 0.00	36.82 1.65 0.00	37.01 1.66 0.00	38.24 1.61 0.00	39.63 1.67 0.00	40.23 1.79 -0.45	44.45 1.96 -0.78	46.37 2.04 -0.91	50.10 2.04 -0.59	53.08 2.17 -0.48	56.21 2.34 -0.53	61.54 1.96 0.00	75.14 2.12 0.00	78.04 2.05 0.00	78.25 1.91 0.00	69.53 1.36 0.00	60.50 1.07 0.00	56.14 1.48 0.00	52.52 1.88 0.00
ROSETON___2 23588	50.29 2.39 0.00	41.95 1.73 0.00	38.95 1.57 0.00	37.10 1.53 0.00	37.18 1.57 0.00	36.13 1.59 0.00	36.82 1.65 0.00	37.01 1.66 0.00	38.24 1.61 0.00	39.63 1.67 0.00	40.23 1.79 -0.45	44.45 1.96 -0.78	46.37 2.04 -0.91	50.10 2.04 -0.59	53.08 2.17 -0.48	56.21 2.34 -0.53	61.54 1.96 0.00	75.14 2.12 0.00	78.04 2.05 0.00	78.25 1.91 0.00	69.53 1.36 0.00	60.50 1.07 0.00	56.14 1.48 0.00	52.52 1.88 0.00
ROTTRDAM_115KV_TB3 80664	49.33 1.44 0.00	41.30 1.09 0.00	38.39 1.01 0.00	36.61 1.03 0.00	36.65 1.03 0.00	35.58 1.04 0.00	36.19 1.02 0.00	36.34 0.99 0.00	37.47 0.84 0.00	38.76 0.80 0.00	38.39 0.72 0.33	41.95 0.79 0.56	43.62 0.87 0.66	47.85 0.81 0.43	51.00 0.91 0.35	54.07 1.12 0.39	60.65 1.07 0.00	74.56 1.53 0.00	77.74 1.75 0.00	78.25 1.91 0.00	69.80 1.64 0.00	60.80 1.37 0.00	56.14 1.48 0.00	52.12 1.47 0.00
RUSSELL___1 23602	47.90 0.00 0.00	40.90 0.68 0.00	38.20 0.82 0.00	35.86 0.28 0.00	35.87 0.25 0.00	34.75 0.21 0.00	35.24 0.07 0.00	35.74 0.39 0.00	36.59 -0.04 0.00	37.89 -0.08 0.00	37.99 0.00 0.00	41.76 0.04 0.00	43.50 0.09 0.00	48.28 0.81 0.00	51.45 1.01 0.00	54.93 1.60 0.00	62.08 2.50 0.00	75.51 2.48 0.00	78.35 2.36 0.00	78.25 1.91 0.00	69.87 1.70 0.00	61.04 1.60 0.00	55.65 0.98 0.00	52.12 1.47 0.00
RUSSELL___2 23532	47.90 0.00 0.00	40.90 0.68 0.00	38.20 0.82 0.00	35.86 0.28 0.00	35.87 0.25 0.00	34.75 0.21 0.00	35.24 0.07 0.00	35.74 0.39 0.00	36.59 -0.04 0.00	37.89 -0.08 0.00	37.99 0.00 0.00	41.76 0.04 0.00	43.50 0.09 0.00	48.28 0.81 0.00	51.45 1.01 0.00	54.93 1.60 0.00	62.08 2.50 0.00	75.51 2.48 0.00	78.35 2.36 0.00	78.25 1.91 0.00	69.87 1.70 0.00	61.04 1.60 0.00	55.65 0.98 0.00	52.12 1.47 0.00
RUSSELL___3 23549	47.90 0.00 0.00	40.90 0.68 0.00	38.20 0.82 0.00	35.86 0.28 0.00	35.87 0.25 0.00	34.75 0.21 0.00	35.24 0.07 0.00	35.74 0.39 0.00	36.59 -0.04 0.00	37.89 -0.08 0.00	37.99 0.00 0.00	41.76 0.04 0.00	43.50 0.09 0.00	48.28 0.81 0.00	51.45 1.01 0.00	54.93 1.60 0.00	62.08 2.50 0.00	75.51 2.48 0.00	78.35 2.36 0.00	78.25 1.91 0.00	69.87 1.70 0.00	61.04 1.60 0.00	55.65 0.98 0.00	52.12 1.47 0.00
RUSSELL___4 23556	47.90 0.00 0.00	40.90 0.68 0.00	38.20 0.82 0.00	35.86 0.28 0.00	35.87 0.25 0.00	34.75 0.21 0.00	35.24 0.07 0.00	35.74 0.39 0.00	36.59 -0.04 0.00	37.89 -0.08 0.00	37.99 0.00 0.00	41.76 0.04 0.00	43.50 0.09 0.00	48.28 0.81 0.00	51.45 1.01 0.00	54.93 1.60 0.00	62.08 2.50 0.00	75.51 2.48 0.00	78.35 2.36 0.00	78.25 1.91 0.00	69.87 1.70 0.00	61.04 1.60 0.00	55.65 0.98 0.00	52.12 1.47 0.00
RUSSELL___STATION 23914	47.90 0.00 0.00	40.90 0.68 0.00	38.20 0.82 0.00	35.86 0.28 0.00	35.87 0.25 0.00	34.75 0.21 0.00	35.24 0.07 0.00	35.74 0.39 0.00	36.59 -0.04 0.00	37.89 -0.08 0.00	37.99 0.00 0.00	41.76 0.04 0.00	43.50 0.09 0.00	48.28 0.81 0.00	51.45 1.01 0.00	54.93 1.60 0.00	62.08 2.50 0.00	75.51 2.48 0.00	78.35 2.36 0.00	78.25 1.91 0.00	69.87 1.70 0.00	61.04 1.60 0.00	55.65 0.98 0.00	52.12 1.47 0.00
S SALMON___HYD 24043	47.75 -0.14 0.00	40.30 0.08 0.00	37.42 0.04 0.00	35.50 -0.07 0.00	35.55 -0.07 0.00	34.41 -0.14 0.00	34.96 -0.21 0.00	35.11 -0.25 0.00	36.11 -0.51 0.00	37.51 -0.45 0.00	37.57 -0.42 0.00	41.26 -0.46 0.00	42.93 -0.48 0.00	47.04 -0.43 0.00	50.14 -0.30 0.00	53.07 -0.27 0.00	59.40 -0.18 0.00	72.95 -0.07 0.00	76.37 0.38 0.00	77.03 0.69 0.00	69.05 0.88 0.00	60.80 0.89 -0.48	55.43 0.76 0.00	51.30 0.66 0.00
S.PERRY__115KV_TB1 80734	49.43 1.53 0.00	42.23 2.01 0.00	39.40 2.02 0.00	36.93 1.35 0.00	36.97 1.35 0.00	35.82 1.28 0.00	36.23 1.06 0.00	36.55 1.20 0.00	37.03 0.40 0.00	38.00 0.04 0.00	37.92 -0.08 0.00	41.59 -0.13 0.00	43.24 -0.17 0.00	48.00 0.52 0.00	51.04 0.61 0.00	54.45 1.12 0.00	59.88 0.30 0.00	73.39 0.37 0.00	77.05 1.06 0.00	78.10 1.76 0.00	70.14 1.98 0.00	61.27 1.84 0.00	55.92 1.26 0.00	54.04 3.39 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	47.27 -0.62 0.00	41.06 0.84 0.00	38.35 0.97 0.00	35.79 0.21 0.00	35.79 0.18 0.00	34.61 0.07 0.00	34.96 -0.21 0.00	35.70 0.35 0.00	36.22 -0.40 0.00	37.28 -0.68 0.00	37.38 -0.61 0.00	40.93 -0.79 0.00	42.50 -0.91 0.00	47.43 -0.05 0.00	50.34 -0.10 0.00	53.65 0.32 0.00	61.01 1.43 0.00	73.76 0.73 0.00	75.99 0.00 0.00	76.11 -0.23 0.00	67.69 -0.48 0.00	59.43 0.00 0.00	54.23 -0.44 0.00	51.36 0.71 0.00

SAWYER___23_KV_LOAD 55526	47.27 -0.62 0.00	41.06 0.84 0.00	38.35 0.97 0.00	35.79 0.21 0.00	35.79 0.18 0.00	34.61 0.07 0.00	34.96 -0.21 0.00	35.70 0.35 0.00	36.22 -0.40 0.00	37.28 -0.68 0.00	37.38 -0.61 0.00	40.93 -0.79 0.00	42.50 -0.91 0.00	47.43 -0.05 0.00	50.34 -0.10 0.00	53.65 0.32 0.00	61.01 1.43 0.00	73.76 0.73 0.00	75.99 0.00 0.00	76.11 -0.23 0.00	67.69 -0.48 0.00	59.43 0.00 0.00	54.23 -0.44 0.00	51.36 0.71 0.00
SELKIRK___I 23801	49.29 1.39 0.00	41.26 1.04 0.00	38.39 1.01 0.00	36.68 1.10 0.00	36.72 1.11 0.00	35.62 1.07 0.00	36.22 1.05 0.00	36.34 0.99 0.00	37.36 0.73 0.00	38.65 0.68 0.00	38.40 0.65 0.23	42.03 0.71 0.40	43.68 0.74 0.47	47.69 0.52 0.30	50.80 0.61 0.24	53.86 0.80 0.27	60.24 0.66 0.00	73.97 0.95 0.00	77.05 1.06 0.00	77.49 1.15 0.00	69.12 0.95 0.00	60.20 0.77 0.00	55.59 0.93 0.00	51.71 1.07 0.00
SELKIRK___II 23799	49.14 1.24 0.00	41.10 0.88 0.00	38.24 0.86 0.00	36.50 0.92 0.00	36.58 0.96 0.00	35.48 0.93 0.00	36.12 0.95 0.00	36.27 0.92 0.00	37.36 0.73 0.00	38.65 0.68 0.00	38.40 0.68 0.28	42.00 0.75 0.47	43.63 0.78 0.56	47.64 0.52 0.36	50.75 0.61 0.29	53.75 0.75 0.33	60.05 0.47 0.00	73.68 0.66 0.00	76.67 0.68 0.00	77.03 0.69 0.00	68.65 0.48 0.00	59.79 0.36 0.00	55.21 0.55 0.00	51.36 0.71 0.00
SENECA OSWGO___HYD 24041	47.13 -0.77 0.00	39.74 -0.48 0.00	36.93 -0.45 0.00	35.11 -0.46 0.00	35.12 -0.50 0.00	34.03 -0.52 0.00	34.57 -0.60 0.00	34.86 -0.49 0.00	35.93 -0.70 0.00	37.24 -0.72 0.00	37.31 -0.68 0.00	41.01 -0.71 0.00	42.63 -0.78 0.00	46.81 -0.66 0.00	49.83 -0.60 0.00	52.85 -0.48 0.00	59.22 -0.36 0.00	72.44 -0.59 0.00	75.46 -0.53 0.00	75.81 -0.53 0.00	67.76 -0.41 0.00	59.08 -0.35 0.00	54.39 -0.27 0.00	50.45 -0.20 0.00
SENECA___115KV_TB3 355854	47.80 -0.10 0.00	41.47 1.25 0.00	38.69 1.31 0.00	36.07 0.50 0.00	36.15 0.53 0.00	34.99 0.45 0.00	35.31 0.14 0.00	36.06 0.71 0.00	36.55 -0.07 0.00	37.66 -0.30 0.00	37.80 -0.19 0.00	41.34 -0.38 0.00	42.98 -0.43 0.00	48.00 0.52 0.00	50.94 0.50 0.00	54.29 0.96 0.00	61.72 2.14 0.00	74.70 1.68 0.00	76.90 0.91 0.00	77.03 0.69 0.00	68.51 0.34 0.00	60.14 0.71 0.00	54.94 0.27 0.00	51.91 1.27 0.00
SENECA___ENERGY 23797	47.94 0.05 0.00	40.54 0.32 0.00	37.72 0.34 0.00	35.72 0.14 0.00	35.69 0.07 0.00	34.61 0.07 0.00	35.14 -0.04 0.00	35.49 0.14 0.00	36.45 -0.18 0.00	37.77 -0.19 0.00	37.80 -0.19 0.00	41.63 -0.08 0.00	43.24 -0.17 0.00	47.71 0.24 0.00	50.69 0.25 0.00	53.98 0.64 0.00	60.71 1.13 0.00	74.34 1.32 0.00	77.28 1.29 0.00	77.64 1.30 0.00	69.32 1.16 0.00	60.44 1.01 0.00	55.65 0.99 0.00	51.66 1.01 0.00
SHOEMAKER___GT 23640	50.10 2.20 0.00	41.87 1.65 0.00	38.84 1.46 0.00	37.00 1.42 0.00	37.08 1.46 0.00	36.03 1.48 0.00	36.68 1.51 0.00	36.84 1.48 0.00	38.05 1.43 0.00	39.40 1.44 0.00	39.96 1.56 -0.41	44.09 1.67 -0.70	45.98 1.74 -0.83	49.81 1.80 -0.53	52.84 1.97 -0.43	56.00 2.19 -0.48	61.49 1.91 0.00	75.21 2.19 0.00	78.20 2.21 0.00	78.48 2.13 0.00	69.80 1.63 0.00	60.68 1.25 0.00	56.25 1.59 0.00	52.62 1.97 0.00
SHOEMAKR_138KV_BK 111 55601	50.10 2.20 0.00	41.87 1.65 0.00	38.84 1.46 0.00	37.03 1.46 0.00	37.08 1.46 0.00	36.03 1.49 0.00	36.68 1.51 0.00	36.87 1.52 0.00	38.06 1.43 0.00	39.41 1.44 0.00	39.92 1.52 -0.41	44.12 1.71 -0.69	45.97 1.74 -0.82	49.85 1.85 -0.53	52.88 2.02 -0.43	56.05 2.24 -0.48	61.55 1.97 0.00	75.22 2.19 0.00	78.19 2.20 0.00	78.40 2.06 0.00	69.73 1.57 0.00	60.68 1.25 0.00	56.41 1.75 0.00	52.62 1.98 0.00
SHOREHAM_IC_1 23715	51.06 3.16 0.00	42.59 2.37 0.00	39.32 1.94 0.00	37.07 1.49 0.00	37.00 1.39 0.00	36.24 1.69 0.00	37.56 2.39 0.00	37.19 1.84 0.00	39.01 2.38 0.00	41.11 3.15 0.00	41.98 3.49 -0.49	46.39 3.84 -0.84	47.69 3.30 -0.98	50.09 2.09 -0.53	53.68 2.98 -0.27	56.56 3.25 0.02	62.68 3.10 0.00	75.19 3.00 0.83	78.00 2.66 0.65	77.28 2.13 1.19	58.07 0.88 10.98	52.92 0.36 6.87	48.70 0.55 6.51	48.57 1.27 3.34
SHOREHAM_IC_2 23716	51.06 3.16 0.00	42.59 2.37 0.00	39.14 1.76 0.00	37.53 1.96 0.00	37.40 1.78 0.00	36.65 2.11 0.00	37.56 2.39 0.00	37.19 1.84 0.00	38.90 2.27 0.00	41.08 3.11 0.00	41.94 3.46 -0.49	46.35 3.80 -0.83	47.34 2.95 -0.98	50.23 2.23 -0.53	53.73 3.03 -0.27	56.56 3.25 0.02	62.74 3.16 0.00	75.19 2.99 0.83	78.08 2.74 0.65	77.36 2.21 1.19	57.93 0.75 10.98	52.91 0.36 6.87	49.09 0.93 6.51	48.57 1.27 3.34
SISSONVILLE____ 23735	48.18 0.29 0.00	40.50 0.28 0.00	37.57 0.19 0.00	35.65 0.07 0.00	35.76 0.14 0.00	34.72 0.17 0.00	35.38 0.21 0.00	35.35 0.00 0.00	36.85 0.22 0.00	38.34 0.38 0.00	38.30 0.30 0.00	42.05 0.33 0.00	43.80 0.39 0.00	47.85 0.38 0.00	50.54 0.10 0.00	52.96 -0.37 0.00	59.64 0.06 0.00	73.46 0.44 0.00	76.75 0.76 0.00	77.56 1.22 0.00	69.87 1.70 0.00	65.93 1.60 -4.90	55.54 0.87 0.00	51.15 0.51 0.00
SITHE_IND_GS1 24169	46.51 -1.39 0.00	39.22 -1.00 0.00	36.45 -0.93 0.00	34.65 -0.93 0.00	34.66 -0.96 0.00	33.61 -0.93 0.00	34.19 -0.98 0.00	34.43 -0.92 0.00	35.49 -1.14 0.00	36.79 -1.18 0.00	36.85 -1.14 0.00	40.51 -1.21 0.00	42.11 -1.30 0.00	46.19 -1.28 0.00	49.13 -1.31 0.00	52.11 -1.22 0.00	58.33 -1.25 0.00	71.35 -1.68 0.00	74.25 -1.74 0.00	74.51 -1.83 0.00	66.60 -1.57 0.00	58.07 -1.36 0.00	53.51 -1.15 0.00	49.63 -1.01 0.00
SITHE_IND_GS2 24170	46.51 -1.39 0.00	39.22 -1.00 0.00	36.45 -0.93 0.00	34.65 -0.93 0.00	34.66 -0.96 0.00	33.61 -0.93 0.00	34.19 -0.98 0.00	34.43 -0.92 0.00	35.49 -1.14 0.00	36.79 -1.18 0.00	36.85 -1.14 0.00	40.51 -1.21 0.00	42.11 -1.30 0.00	46.19 -1.28 0.00	49.13 -1.31 0.00	52.11 -1.22 0.00	58.33 -1.25 0.00	71.35 -1.68 0.00	74.25 -1.74 0.00	74.51 -1.83 0.00	66.60 -1.57 0.00	58.07 -1.36 0.00	53.51 -1.15 0.00	49.63 -1.01 0.00
SITHE_IND_GS3 24171	46.51 -1.39 0.00	39.22 -1.00 0.00	36.45 -0.93 0.00	34.65 -0.93 0.00	34.66 -0.96 0.00	33.61 -0.93 0.00	34.19 -0.98 0.00	34.43 -0.92 0.00	35.49 -1.14 0.00	36.79 -1.18 0.00	36.85 -1.14 0.00	40.51 -1.21 0.00	42.11 -1.30 0.00	46.19 -1.28 0.00	49.13 -1.31 0.00	52.11 -1.22 0.00	58.33 -1.25 0.00	71.35 -1.68 0.00	74.25 -1.74 0.00	74.51 -1.83 0.00	66.60 -1.57 0.00	58.07 -1.36 0.00	53.51 -1.15 0.00	49.63 -1.01 0.00
SITHE_IND_GS4 24172	46.51 -1.39 0.00	39.22 -1.00 0.00	36.45 -0.93 0.00	34.65 -0.93 0.00	34.66 -0.96 0.00	33.61 -0.93 0.00	34.19 -0.98 0.00	34.43 -0.92 0.00	35.49 -1.14 0.00	36.79 -1.18 0.00	36.85 -1.14 0.00	40.51 -1.21 0.00	42.11 -1.30 0.00	46.19 -1.28 0.00	49.13 -1.31 0.00	52.11 -1.22 0.00	58.33 -1.25 0.00	71.35 -1.68 0.00	74.25 -1.74 0.00	74.51 -1.83 0.00	66.60 -1.57 0.00	58.07 -1.36 0.00	53.51 -1.15 0.00	49.63 -1.01 0.00

SITHE___BATAVIA 24024	48.37 0.48 0.00	41.79 1.57 0.00	39.02 1.64 0.00	36.32 0.75 0.00	36.44 0.82 0.00	35.17 0.62 0.00	35.70 0.53 0.00	36.34 0.99 0.00	36.89 0.26 0.00	37.85 -0.11 0.00	37.88 -0.11 0.00	41.72 0.00 0.00	43.19 -0.22 0.00	48.23 0.76 0.00	51.29 0.86 0.00	54.82 1.49 0.00	62.38 2.80 0.00	75.87 2.85 0.00	78.72 2.73 0.00	78.56 2.22 0.00	70.07 1.91 0.00	61.51 2.08 0.00	56.85 2.19 0.00	53.03 2.38 0.00
SITHE___INDEPEND 23800	46.51 -1.39 0.00	39.21 -1.01 0.00	36.45 -0.93 0.00	34.61 -0.96 0.00	34.66 -0.96 0.00	33.61 -0.93 0.00	34.19 -0.98 0.00	34.43 -0.92 0.00	35.49 -1.14 0.00	36.79 -1.18 0.00	36.85 -1.14 0.00	40.47 -1.25 0.00	42.11 -1.30 0.00	46.19 -1.28 0.00	49.13 -1.31 0.00	52.11 -1.23 0.00	58.33 -1.25 0.00	71.35 -1.68 0.00	74.17 -1.82 0.00	74.51 -1.83 0.00	66.60 -1.57 0.00	58.06 -1.37 0.00	53.35 -1.31 0.00	49.58 -1.06 0.00
SITHE___MASSENA 23902	47.99 0.10 0.00	40.30 0.08 0.00	37.42 0.04 0.00	35.54 -0.04 0.00	35.62 0.00 0.00	34.54 0.00 0.00	35.21 0.04 0.00	35.25 -0.11 0.00	36.77 0.15 0.00	38.23 0.27 0.00	38.22 0.23 0.00	41.97 0.25 0.00	43.72 0.31 0.00	47.76 0.29 0.00	50.49 0.05 0.00	53.01 -0.32 0.00	59.58 0.00 0.00	73.25 0.22 0.00	76.30 0.31 0.00	76.88 0.54 0.00	68.99 0.82 0.00	67.36 0.83 -7.10	54.94 0.27 0.00	50.65 0.00 0.00
SITHE___OGDNSBRG 24021	48.66 0.77 0.00	40.94 0.72 0.00	37.98 0.60 0.00	36.04 0.46 0.00	36.12 0.50 0.00	35.06 0.52 0.00	35.70 0.53 0.00	35.56 0.21 0.00	36.99 0.37 0.00	38.42 0.46 0.00	38.37 0.38 0.00	42.09 0.38 0.00	43.84 0.43 0.00	47.95 0.47 0.00	50.64 0.20 0.00	53.12 -0.21 0.00	59.88 0.30 0.00	73.83 0.80 0.00	77.43 1.44 0.00	78.48 2.14 0.00	70.76 2.59 0.00	67.56 2.38 -5.75	56.14 1.48 0.00	51.66 1.01 0.00
SITHE___STERLING 23777	49.14 1.24 0.00	41.42 1.21 0.00	38.47 1.08 0.00	36.50 0.92 0.00	36.54 0.92 0.00	35.44 0.90 0.00	36.08 0.91 0.00	36.20 0.85 0.00	37.25 0.62 0.00	38.57 0.61 0.00	38.56 0.57 0.00	42.34 0.63 0.00	44.15 0.74 0.00	48.33 0.86 0.00	51.60 1.16 0.00	54.72 1.38 0.00	61.25 1.67 0.00	75.14 2.12 0.00	78.58 2.59 0.00	79.24 2.90 0.00	70.96 2.80 0.00	62.09 2.38 -0.28	56.74 2.08 0.00	52.52 1.88 0.00
SLEIGHT__34_KV_TB1 80719	47.42 -0.48 0.00	40.30 0.08 0.00	37.57 0.19 0.00	35.43 -0.14 0.00	35.40 -0.21 0.00	34.34 -0.21 0.00	34.85 -0.32 0.00	35.24 -0.11 0.00	36.19 -0.44 0.00	37.51 -0.46 0.00	37.61 -0.38 0.00	41.34 -0.38 0.00	43.02 -0.39 0.00	47.57 0.09 0.00	50.69 0.25 0.00	54.03 0.69 0.00	60.95 1.37 0.00	74.34 1.31 0.00	77.21 1.22 0.00	77.41 1.07 0.00	69.12 0.95 0.00	60.26 0.83 0.00	55.10 0.44 0.00	51.41 0.76 0.00
SMITHTWN_69_KV_BK 1 55830	51.73 3.83 0.00	43.07 2.86 0.00	39.62 2.24 0.00	37.82 2.24 0.00	37.72 2.10 0.00	36.93 2.38 0.00	37.67 2.50 0.00	37.65 2.30 0.00	39.34 2.71 0.00	41.49 3.53 -0.49	42.35 3.88 -0.83	46.76 4.21 -0.83	47.82 3.43 -0.98	50.71 2.80 -0.44	54.06 3.58 -0.04	56.60 3.84 0.57	63.12 3.75 0.21	74.86 3.43 1.60	77.94 3.19 1.24	76.65 2.60 2.29	58.81 1.57 10.93	53.39 1.07 7.11	49.83 1.64 6.48	49.25 1.92 3.33
SOUTH CAIRO___GT 23612	50.87 2.97 0.00	42.47 2.25 0.00	39.47 2.09 0.00	37.60 2.03 0.00	37.75 2.14 0.00	36.55 2.00 0.00	37.17 2.00 0.00	37.12 1.77 0.00	38.09 1.47 0.00	39.18 1.21 0.00	39.17 1.33 0.15	42.92 1.46 0.26	44.71 1.61 0.31	48.70 1.42 0.20	51.99 1.71 0.16	55.18 2.03 0.18	61.49 1.91 0.00	76.17 3.14 0.00	80.02 4.03 0.00	80.77 4.43 0.00	71.98 3.82 0.00	62.58 3.15 0.00	57.78 3.12 0.00	53.59 2.94 0.00
SOUTH HAMPTN___IC 23720	52.02 4.12 0.00	43.40 3.18 0.00	40.03 2.65 0.00	37.71 2.13 0.00	37.65 2.03 0.00	36.86 2.31 0.00	38.12 2.95 0.00	37.86 2.51 0.00	39.81 3.19 0.00	42.06 4.10 0.00	43.01 4.52 -0.49	47.61 5.05 -0.84	48.91 4.51 -0.98	51.48 3.46 -0.54	55.21 4.49 -0.29	58.16 4.80 -0.03	64.52 4.94 0.00	77.45 5.19 0.76	80.11 4.71 0.59	79.30 4.04 1.09	59.49 2.32 11.00	54.06 1.49 6.86	49.62 1.48 6.52	49.53 2.23 3.35
SOUTHDOW_115KV_TB1 355954	49.28 1.39 0.00	42.55 2.33 0.00	39.70 2.32 0.00	37.03 1.46 0.00	37.08 1.46 0.00	35.96 1.42 0.00	36.26 1.09 0.00	37.05 1.70 0.00	37.58 0.95 0.00	38.91 0.95 0.00	39.09 1.10 0.00	42.76 1.04 0.00	44.50 1.09 0.00	49.66 2.18 0.00	52.71 2.27 0.00	56.16 2.83 0.00	63.93 4.35 0.00	77.33 4.31 0.00	79.49 3.50 0.00	79.47 3.13 0.00	70.62 2.45 0.00	61.99 2.56 0.00	56.69 2.02 0.00	53.43 2.79 0.00
SOUTHOLD_69_KV_BK 2 55809	53.02 5.12 0.00	44.20 3.98 0.00	40.60 3.21 0.00	38.85 3.27 0.00	38.68 3.06 0.00	37.96 3.42 0.00	38.79 3.62 0.00	38.60 3.25 0.00	40.58 3.96 0.00	43.01 5.05 -0.49	44.06 5.58 -0.83	48.77 6.22 -0.98	49.91 5.51 -0.98	53.04 5.03 -0.54	56.78 6.05 -0.29	59.81 6.45 -0.03	66.37 6.79 0.00	79.71 7.45 0.76	82.16 6.76 0.59	81.21 5.95 1.09	60.64 3.48 11.00	54.89 2.32 6.86	50.55 2.41 6.52	50.24 2.94 3.35
SOUTHOLD___IC 23719	53.02 5.13 0.00	44.20 3.98 0.00	40.78 3.40 0.00	38.42 2.85 0.00	38.32 2.71 0.00	37.55 3.00 0.00	38.79 3.62 0.00	38.60 3.25 0.00	40.69 4.07 0.00	43.09 5.12 -0.49	44.11 5.62 -0.84	48.86 6.30 -0.98	50.21 5.82 -0.98	52.90 4.89 -0.54	56.77 6.05 -0.29	59.76 6.40 -0.03	66.37 6.79 0.00	79.72 7.45 0.76	82.16 6.76 0.59	81.13 5.88 1.09	60.71 3.54 11.00	54.89 2.32 6.86	50.22 2.08 6.52	50.24 2.94 3.35
SOUTH_FORK_WT_PWR 323839	53.02 5.13 0.00	44.24 4.02 0.00	40.86 3.48 0.00	38.49 2.92 0.00	38.36 2.74 0.00	37.65 3.11 0.00	38.86 3.69 0.00	38.71 3.36 0.00	40.80 4.17 0.00	43.20 5.24 -0.49	44.30 5.81 -0.84	49.03 6.47 -0.98	50.39 5.99 -0.98	52.99 4.98 -0.54	56.83 6.10 -0.29	59.81 6.45 -0.03	66.31 6.73 0.00	79.72 7.45 0.76	81.94 6.54 0.59	80.83 5.57 1.09	60.24 3.07 11.00	54.36 1.78 6.86	49.68 1.53 6.52	49.88 2.58 3.35
SPIERFLS_115KV_TB 1 80737	49.76 1.87 0.00	41.67 1.45 0.00	38.69 1.31 0.00	36.86 1.28 0.00	36.97 1.35 0.00	35.82 1.28 0.00	36.47 1.30 0.00	36.55 1.20 0.00	38.46 1.83 0.00	39.75 1.78 0.00	38.90 1.33 0.42	42.50 1.50 0.72	44.17 1.61 0.85	47.50 0.57 0.54	50.65 0.66 0.44	53.85 1.01 0.49	60.71 1.13 0.00	75.14 2.12 0.00	79.33 3.34 0.00	80.16 3.82 0.00	71.71 3.54 0.00	62.22 2.79 0.00	57.34 2.68 0.00	53.03 2.38 0.00
ST LAWRENCE____ 23600	47.37 -0.53 0.00	39.78 -0.44 0.00	36.93 -0.45 0.00	35.11 -0.46 0.00	35.15 -0.46 0.00	34.09 -0.45 0.00	34.75 -0.42 0.00	34.86 -0.49 0.00	36.41 -0.22 0.00	37.77 -0.19 0.00	37.77 -0.23 0.00	41.47 -0.25 0.00	43.15 -0.26 0.00	47.19 -0.28 0.00	49.93 -0.50 0.00	52.53 -0.80 0.00	58.87 -0.71 0.00	72.37 -0.66 0.00	75.38 -0.61 0.00	75.89 -0.46 0.00	67.89 -0.27 0.00	58.74 -0.18 0.51	54.17 -0.49 0.00	49.94 -0.71 0.00

STATE_CA_115KV_115_LB 55624	49.38 1.48 0.00	41.26 1.05 0.00	38.39 1.01 0.00	36.68 1.10 0.00	36.76 1.14 0.00	35.65 1.11 0.00	36.30 1.13 0.00	36.45 1.10 0.00	37.51 0.88 0.00	38.80 0.84 0.00	38.40 0.80 0.39	41.96 0.92 0.67	43.57 0.96 0.79	47.53 0.57 0.51	50.68 0.66 0.41	53.72 0.85 0.46	60.24 0.66 0.00	74.05 1.02 0.00	77.13 1.14 0.00	77.49 1.15 0.00	68.98 0.82 0.00	60.09 0.65 0.00	55.59 0.93 0.00	51.56 0.91 0.00
STATE_ST_34_KV_LOAD 55959	48.04 0.14 0.00	40.58 0.36 0.00	37.72 0.34 0.00	35.75 0.18 0.00	35.76 0.14 0.00	34.68 0.14 0.00	35.24 0.07 0.00	35.53 0.18 0.00	36.52 -0.11 0.00	37.85 -0.11 0.00	37.92 -0.08 0.00	41.68 -0.04 0.00	43.37 -0.04 0.00	47.76 0.28 0.00	50.84 0.40 0.00	54.08 0.75 0.00	60.77 1.19 0.00	74.41 1.39 0.00	77.43 1.44 0.00	77.87 1.53 0.00	69.60 1.43 0.00	60.62 1.19 0.00	55.59 0.93 0.00	51.71 1.06 0.00
STATION_5_MISC_HYD 23604	47.70 -0.19 0.00	40.74 0.52 0.00	38.02 0.63 0.00	35.79 0.21 0.00	35.72 0.11 0.00	34.65 0.10 0.00	35.07 -0.11 0.00	35.56 0.21 0.00	36.45 -0.18 0.00	37.74 -0.23 0.00	37.80 -0.19 0.00	41.63 -0.08 0.00	43.19 -0.22 0.00	47.95 0.47 0.00	51.04 0.61 0.00	54.45 1.12 0.00	61.54 1.96 0.00	74.92 1.90 0.00	77.74 1.75 0.00	77.64 1.30 0.00	69.25 1.09 0.00	60.56 1.13 0.00	55.87 1.20 0.00	51.86 1.21 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	47.70 -0.19 0.00	40.58 0.36 0.00	37.83 0.45 0.00	35.65 0.07 0.00	35.65 0.04 0.00	34.58 0.03 0.00	35.06 -0.11 0.00	35.49 0.14 0.00	36.41 -0.22 0.00	37.70 -0.27 0.00	37.80 -0.19 0.00	41.51 -0.21 0.00	43.19 -0.22 0.00	47.81 0.33 0.00	50.89 0.45 0.00	54.24 0.91 0.00	61.19 1.61 0.00	74.63 1.61 0.00	77.51 1.52 0.00	77.64 1.30 0.00	69.33 1.16 0.00	60.50 1.07 0.00	55.32 0.66 0.00	51.66 1.01 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	47.42 -0.48 0.00	40.46 0.24 0.00	37.75 0.37 0.00	35.47 -0.11 0.00	35.47 -0.14 0.00	34.41 -0.14 0.00	34.89 -0.28 0.00	35.35 0.00 0.00	36.22 -0.40 0.00	37.51 -0.46 0.00	37.61 -0.38 0.00	41.34 -0.38 0.00	43.02 -0.39 0.00	47.71 0.24 0.00	50.79 0.35 0.00	54.19 0.85 0.00	61.19 1.61 0.00	74.49 1.46 0.00	77.21 1.22 0.00	77.26 0.92 0.00	68.92 0.75 0.00	60.20 0.77 0.00	54.94 0.27 0.00	51.46 0.81 0.00
STA_56___34_KV_BUS2 355983	47.42 -0.48 0.00	40.46 0.24 0.00	37.75 0.37 0.00	35.47 -0.11 0.00	35.47 -0.14 0.00	34.41 -0.14 0.00	34.89 -0.28 0.00	35.35 0.00 0.00	36.22 -0.40 0.00	37.51 -0.46 0.00	37.61 -0.38 0.00	41.34 -0.38 0.00	43.02 -0.39 0.00	47.71 0.24 0.00	50.79 0.35 0.00	54.19 0.85 0.00	61.19 1.61 0.00	74.49 1.46 0.00	77.21 1.22 0.00	77.26 0.92 0.00	68.92 0.75 0.00	60.20 0.77 0.00	54.94 0.27 0.00	51.46 0.81 0.00
STA_67___115KV_BK2 355882	47.56 -0.34 0.00	40.66 0.44 0.00	37.94 0.56 0.00	35.65 0.07 0.00	35.65 0.04 0.00	34.54 0.00 0.00	34.99 -0.18 0.00	35.49 0.14 0.00	36.33 -0.29 0.00	37.62 -0.34 0.00	37.69 -0.30 0.00	41.38 -0.33 0.00	43.11 -0.30 0.00	47.81 0.33 0.00	50.89 0.45 0.00	54.24 0.91 0.00	61.31 1.73 0.00	74.56 1.53 0.00	77.28 1.29 0.00	77.34 0.99 0.00	69.05 0.89 0.00	60.32 0.89 0.00	55.05 0.38 0.00	51.61 0.96 0.00
STA_7___115KV_9TRANS 80674	47.90 0.00 0.00	40.90 0.68 0.00	38.20 0.82 0.00	35.86 0.28 0.00	35.87 0.25 0.00	34.75 0.21 0.00	35.24 0.07 0.00	35.74 0.39 0.00	36.59 -0.04 0.00	37.89 -0.08 0.00	37.99 0.00 0.00	41.76 0.04 0.00	43.50 0.09 0.00	48.28 0.81 0.00	51.45 1.01 0.00	54.93 1.60 0.00	62.08 2.50 0.00	75.51 2.48 0.00	78.35 2.36 0.00	78.25 1.91 0.00	69.87 1.70 0.00	61.04 1.60 0.00	55.65 0.98 0.00	52.12 1.47 0.00
STA_82___115KV_TB1 80780	47.56 -0.34 0.00	40.66 0.44 0.00	37.94 0.56 0.00	35.65 0.07 0.00	35.65 0.04 0.00	34.54 0.00 0.00	35.03 -0.14 0.00	35.53 0.18 0.00	36.37 -0.26 0.00	37.62 -0.34 0.00	37.73 -0.27 0.00	41.43 -0.29 0.00	43.11 -0.30 0.00	47.81 0.33 0.00	50.89 0.45 0.00	54.24 0.91 0.00	61.31 1.73 0.00	74.56 1.53 0.00	77.36 1.37 0.00	77.34 0.99 0.00	69.05 0.89 0.00	60.32 0.89 0.00	55.05 0.38 0.00	51.61 0.96 0.00
STEEL___WIND 323596	47.80 -0.10 0.00	41.42 1.21 0.00	38.65 1.27 0.00	36.18 0.60 0.00	36.12 0.50 0.00	34.96 0.42 0.00	35.28 0.11 0.00	36.02 0.67 0.00	36.55 -0.07 0.00	37.70 -0.26 0.00	37.73 -0.26 0.00	41.51 -0.21 0.00	42.93 -0.48 0.00	47.95 0.47 0.00	50.89 0.45 0.00	54.24 0.91 0.00	61.66 2.08 0.00	74.71 1.68 0.00	76.98 0.99 0.00	76.95 0.61 0.00	68.44 0.27 0.00	60.20 0.77 0.00	55.81 1.15 0.00	52.06 1.42 0.00
STEPHTWN_115KV_BK_2 55603	49.62 1.72 0.00	41.43 1.21 0.00	38.58 1.20 0.00	36.86 1.28 0.00	36.90 1.28 0.00	35.79 1.24 0.00	36.44 1.27 0.00	36.59 1.24 0.00	37.65 1.03 0.00	38.99 1.02 0.00	38.60 0.99 0.38	42.15 1.08 0.65	43.81 1.17 0.77	47.79 0.81 0.49	50.94 0.91 0.40	54.06 1.17 0.45	60.59 1.01 0.00	74.49 1.46 0.00	77.66 1.67 0.00	78.02 1.68 0.00	69.46 1.30 0.00	60.50 1.07 0.00	55.92 1.26 0.00	51.86 1.22 0.00
STEUBEN_REC_LFGE 323667	49.05 1.15 0.00	42.03 1.81 0.00	39.17 1.79 0.00	36.75 1.17 0.00	36.76 1.14 0.00	35.58 1.04 0.00	35.98 0.81 0.00	36.45 1.10 0.00	36.92 0.29 0.00	38.15 0.19 0.00	38.18 0.19 0.00	41.88 0.17 0.00	43.50 0.09 0.00	48.37 0.90 0.00	51.29 0.86 0.00	54.67 1.33 0.00	61.90 2.32 0.00	75.51 2.48 0.00	78.50 2.51 0.00	79.09 2.75 0.00	70.69 2.52 0.00	61.75 2.32 0.00	56.41 1.75 0.00	53.08 2.43 0.00
STILLWATER___SOLAR 323814	50.10 2.20 0.00	41.91 1.69 0.00	38.99 1.61 0.00	37.14 1.56 0.00	37.22 1.60 0.00	36.10 1.56 0.00	36.75 1.58 0.00	36.84 1.48 0.00	37.80 1.17 0.00	39.02 1.06 0.00	38.40 0.87 0.47	41.84 0.92 0.80	43.51 1.04 0.94	47.91 1.04 0.60	51.26 1.31 0.49	54.38 1.60 0.55	61.31 1.73 0.00	75.65 2.63 0.00	79.18 3.19 0.00	79.86 3.51 0.00	71.30 3.14 0.00	61.99 2.55 0.00	57.13 2.46 0.00	53.03 2.38 0.00
STONY___BROOK 24151	51.63 3.74 0.00	43.07 2.86 0.00	39.70 2.32 0.00	37.50 1.92 0.00	37.43 1.82 0.00	36.62 2.07 0.00	37.67 2.50 0.00	37.62 2.26 0.00	39.41 2.78 0.00	41.53 3.57 0.00	42.36 3.88 -0.49	46.77 4.21 -0.84	48.13 3.73 -0.98	50.52 2.56 -0.49	54.04 3.43 -0.17	56.80 3.73 0.26	63.15 3.57 0.00	75.00 3.14 1.17	77.90 2.81 0.91	76.96 2.29 1.67	58.71 1.50 10.95	53.41 0.95 6.97	49.38 1.20 6.49	49.14 1.82 3.33
STURGEON_POOL_HYD 23609	50.48 2.59 0.00	42.11 1.89 0.00	39.06 1.68 0.00	37.21 1.64 0.00	37.29 1.67 0.00	36.24 1.69 0.00	36.89 1.72 0.00	37.05 1.70 0.00	38.24 1.61 0.00	39.63 1.67 0.00	40.17 1.90 -0.28	44.33 2.13 -0.49	46.15 2.17 -0.57	50.26 2.42 -0.37	53.36 2.62 -0.30	56.55 2.88 -0.33	61.96 2.38 0.00	75.73 2.70 0.00	78.73 2.74 0.00	78.86 2.52 0.00	70.01 1.84 0.00	60.92 1.49 0.00	56.74 2.08 0.00	52.98 2.33 0.00

ST_LAW_115_BK7_LBMP 345037	47.37 -0.53 0.00	39.74 -0.48 0.00	36.93 -0.45 0.00	35.11 -0.46 0.00	35.15 -0.46 0.00	34.09 -0.45 0.00	34.75 -0.42 0.00	34.82 -0.53 0.00	36.41 -0.22 0.00	37.77 -0.19 0.00	37.77 -0.23 0.00	41.47 -0.25 0.00	43.15 -0.26 0.00	47.19 -0.28 0.00	49.93 -0.50 0.00	52.48 -0.86 0.00	58.87 -0.71 0.00	72.37 -0.66 0.00	75.38 -0.61 0.00	75.89 -0.46 0.00	67.89 -0.27 0.00	58.59 -0.18 0.66	54.17 -0.49 0.00	49.94 -0.71 0.00
ST_LAW_115_BK8_LBMP 345038	47.37 -0.53 0.00	39.74 -0.48 0.00	36.93 -0.45 0.00	35.11 -0.46 0.00	35.15 -0.46 0.00	34.09 -0.45 0.00	34.75 -0.42 0.00	34.82 -0.53 0.00	36.41 -0.22 0.00	37.77 -0.19 0.00	37.77 -0.23 0.00	41.47 -0.25 0.00	43.15 -0.26 0.00	47.19 -0.28 0.00	49.93 -0.50 0.00	52.48 -0.86 0.00	58.87 -0.71 0.00	72.37 -0.66 0.00	75.38 -0.61 0.00	75.89 -0.46 0.00	67.89 -0.27 0.00	58.59 -0.18 0.66	54.17 -0.49 0.00	49.94 -0.71 0.00
ST_LAW_230_BK5_LBMP 345035	47.37 -0.53 0.00	39.78 -0.44 0.00	36.93 -0.45 0.00	35.11 -0.46 0.00	35.15 -0.46 0.00	34.09 -0.45 0.00	34.75 -0.42 0.00	34.86 -0.49 0.00	36.41 -0.22 0.00	37.77 -0.19 0.00	37.77 -0.23 0.00	41.47 -0.25 0.00	43.15 -0.26 0.00	47.19 -0.28 0.00	49.93 -0.50 0.00	52.53 -0.80 0.00	58.87 -0.71 0.00	72.37 -0.66 0.00	75.38 -0.61 0.00	75.89 -0.46 0.00	67.89 -0.27 0.00	58.87 -0.18 0.39	54.17 -0.49 0.00	49.94 -0.71 0.00
ST_LAW_230_BK6_LBMP 345036	47.37 -0.53 0.00	39.78 -0.44 0.00	36.93 -0.45 0.00	35.11 -0.46 0.00	35.15 -0.46 0.00	34.09 -0.45 0.00	34.75 -0.42 0.00	34.86 -0.49 0.00	36.41 -0.22 0.00	37.77 -0.19 0.00	37.77 -0.23 0.00	41.47 -0.25 0.00	43.15 -0.26 0.00	47.19 -0.28 0.00	49.93 -0.50 0.00	52.53 -0.80 0.00	58.87 -0.71 0.00	72.37 -0.66 0.00	75.38 -0.61 0.00	75.89 -0.46 0.00	67.89 -0.27 0.00	58.87 -0.18 0.39	54.17 -0.49 0.00	49.94 -0.71 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.43 2.54 0.00	42.11 1.89 0.00	39.03 1.64 0.00	37.21 1.64 0.00	37.29 1.67 0.00	36.24 1.69 0.00	36.89 1.72 0.00	37.08 1.73 0.00	38.31 1.68 0.00	39.71 1.75 0.00	40.28 1.86 -0.43	44.53 2.09 -0.73	46.40 2.13 -0.86	50.26 2.23 -0.55	53.31 2.42 -0.45	56.50 2.67 -0.50	61.90 2.32 0.00	75.58 2.56 0.00	78.57 2.58 0.00	78.63 2.29 0.00	69.87 1.70 0.00	60.80 1.37 0.00	56.58 1.91 0.00	52.88 2.23 0.00
SWANROAD_115KV_TB1 355699	46.84 -1.05 0.00	40.90 0.68 0.00	38.24 0.86 0.00	35.15 -0.43 0.00	35.65 0.04 0.00	34.47 -0.07 0.00	34.82 -0.35 0.00	35.60 0.25 0.00	35.86 -0.77 0.00	36.60 -1.37 0.00	36.66 -1.33 0.00	40.13 -1.59 0.00	41.67 -1.74 0.00	46.52 -0.95 0.00	49.33 -1.11 0.00	52.64 -0.69 0.00	59.88 0.30 0.00	72.37 -0.66 0.00	74.62 -1.37 0.00	74.74 -1.60 0.00	66.46 -1.70 0.00	58.36 -1.07 0.00	53.19 -1.48 0.00	50.95 0.30 0.00
SYNERGY___BIOGAS 323694	48.33 0.43 0.00	41.79 1.57 0.00	39.03 1.64 0.00	36.22 0.64 0.00	36.44 0.82 0.00	35.30 0.76 0.00	35.70 0.53 0.00	36.34 0.99 0.00	36.85 0.22 0.00	37.81 -0.15 0.00	37.88 -0.11 0.00	41.51 -0.21 0.00	43.19 -0.22 0.00	48.19 0.71 0.00	51.29 0.86 0.00	54.83 1.49 0.00	62.38 2.80 0.00	75.80 2.77 0.00	78.50 2.51 0.00	78.56 2.21 0.00	70.07 1.91 0.00	61.39 1.96 0.00	55.87 1.20 0.00	52.88 2.23 0.00
SYRACUSE___ENERGY_ST1 323597	47.66 -0.24 0.00	40.22 0.00 0.00	37.42 0.04 0.00	35.50 -0.07 0.00	35.55 -0.07 0.00	34.44 -0.10 0.00	34.99 -0.18 0.00	35.28 -0.07 0.00	36.33 -0.29 0.00	37.70 -0.27 0.00	37.76 -0.23 0.00	41.47 -0.25 0.00	43.15 -0.26 0.00	47.43 -0.05 0.00	50.49 0.05 0.00	53.65 0.32 0.00	60.12 0.54 0.00	73.54 0.51 0.00	76.52 0.53 0.00	76.88 0.53 0.00	68.71 0.55 0.00	59.85 0.42 0.00	54.99 0.33 0.00	51.10 0.46 0.00
SYRACUSE___ENERGY_ST2 323598	47.66 -0.24 0.00	40.22 0.00 0.00	37.42 0.04 0.00	35.50 -0.07 0.00	35.55 -0.07 0.00	34.44 -0.10 0.00	34.99 -0.18 0.00	35.28 -0.07 0.00	36.33 -0.29 0.00	37.70 -0.27 0.00	37.76 -0.23 0.00	41.47 -0.25 0.00	43.15 -0.26 0.00	47.43 -0.05 0.00	50.49 0.05 0.00	53.65 0.32 0.00	60.12 0.54 0.00	73.54 0.51 0.00	76.52 0.53 0.00	76.88 0.53 0.00	68.71 0.55 0.00	59.85 0.42 0.00	54.99 0.33 0.00	51.10 0.46 0.00
SYRACUSE___POWER 24017	47.56 -0.34 0.00	40.14 -0.08 0.00	37.34 -0.04 0.00	35.47 -0.11 0.00	35.47 -0.14 0.00	34.37 -0.17 0.00	34.96 -0.21 0.00	35.24 -0.11 0.00	36.30 -0.33 0.00	37.66 -0.30 0.00	37.69 -0.30 0.00	41.34 -0.38 0.00	43.06 -0.35 0.00	47.28 -0.19 0.00	50.34 -0.10 0.00	53.49 0.16 0.00	59.94 0.36 0.00	73.32 0.29 0.00	76.29 0.30 0.00	76.65 0.31 0.00	68.51 0.34 0.00	59.67 0.24 0.00	54.83 0.16 0.00	50.95 0.30 0.00
TALLMAN__138KV_BK151 55660	50.87 2.97 0.00	42.43 2.21 0.00	39.32 1.94 0.00	37.50 1.92 0.00	37.58 1.96 0.00	36.51 1.97 0.00	37.21 2.04 0.00	37.44 2.09 0.00	38.64 2.01 0.00	40.13 2.16 0.00	40.76 2.32 -0.45	45.08 2.59 -0.77	46.93 2.60 -0.91	50.81 2.75 -0.59	53.89 2.98 -0.48	57.12 3.25 -0.53	62.38 2.80 0.00	76.09 3.07 0.00	78.88 2.89 0.00	78.94 2.60 0.00	70.01 1.84 0.00	60.92 1.49 0.00	56.85 2.19 0.00	53.13 2.48 0.00
TEALLAVE_115KV_TB7 355573	47.37 -0.53 0.00	40.02 -0.20 0.00	37.27 -0.11 0.00	35.36 -0.21 0.00	35.37 -0.25 0.00	34.27 -0.28 0.00	34.85 -0.32 0.00	35.14 -0.21 0.00	36.19 -0.44 0.00	37.55 -0.42 0.00	37.57 -0.42 0.00	41.22 -0.50 0.00	42.89 -0.52 0.00	47.14 -0.33 0.00	50.19 -0.25 0.00	53.28 -0.05 0.00	59.70 0.12 0.00	73.03 0.00 0.00	75.91 -0.08 0.00	76.27 -0.08 0.00	68.17 0.00 0.00	59.37 -0.06 0.00	54.56 -0.11 0.00	50.75 0.10 0.00
TELGRAPH_34_KV_EAST 80808	47.70 -0.19 0.00	41.39 1.17 0.00	38.69 1.31 0.00	35.82 0.25 0.00	36.08 0.46 0.00	34.96 0.41 0.00	35.31 0.14 0.00	36.02 0.67 0.00	36.44 -0.18 0.00	37.36 -0.61 0.00	37.46 -0.53 0.00	41.01 -0.71 0.00	42.63 -0.78 0.00	47.62 0.14 0.00	50.59 0.15 0.00	54.03 0.69 0.00	61.43 1.85 0.00	74.41 1.39 0.00	76.90 0.91 0.00	76.95 0.61 0.00	68.51 0.34 0.00	60.09 0.65 0.00	54.77 0.11 0.00	52.01 1.37 0.00
TEMPLE___115KV_TB 2 55572	47.42 -0.48 0.00	40.02 -0.20 0.00	37.27 -0.11 0.00	35.36 -0.21 0.00	35.40 -0.21 0.00	34.30 -0.24 0.00	34.85 -0.32 0.00	35.17 -0.18 0.00	36.22 -0.40 0.00	37.55 -0.42 0.00	37.57 -0.42 0.00	41.26 -0.46 0.00	42.93 -0.48 0.00	47.14 -0.33 0.00	50.19 -0.25 0.00	53.33 0.00 0.00	59.76 0.18 0.00	73.03 0.00 0.00	75.99 0.00 0.00	76.34 0.00 0.00	68.17 0.00 0.00	59.43 0.00 0.00	54.61 -0.05 0.00	50.75 0.10 0.00
TIANA____69_KV_BK 1 55817	51.82 3.93 0.00	43.24 3.02 0.00	39.70 2.32 0.00	37.99 2.42 0.00	37.86 2.24 0.00	37.13 2.59 0.00	37.98 2.81 0.00	37.72 2.37 0.00	39.52 2.89 0.00	41.80 3.83 0.00	42.70 4.22 -0.49	47.22 4.67 -0.83	48.30 3.91 -0.98	51.29 3.28 -0.54	54.91 4.19 -0.29	57.84 4.48 -0.03	64.11 4.53 0.00	76.94 4.67 0.76	79.73 4.33 0.59	79.00 3.74 1.09	59.15 1.98 11.00	53.88 1.31 6.86	49.90 1.75 6.52	49.38 2.08 3.35

TILDEN___115KV_TB1 80814	47.56 -0.34 0.00	40.14 -0.08 0.00	37.34 -0.04 0.00	35.47 -0.11 0.00	35.47 -0.14 0.00	34.37 -0.17 0.00	34.96 -0.21 0.00	35.24 -0.11 0.00	36.30 -0.33 0.00	37.66 -0.30 0.00	37.69 -0.30 0.00	41.34 -0.38 0.00	43.06 -0.35 0.00	47.28 -0.19 0.00	50.34 -0.10 0.00	53.49 0.16 0.00	59.94 0.36 0.00	73.32 0.29 0.00	76.29 0.30 0.00	76.65 0.31 0.00	68.51 0.34 0.00	59.67 0.24 0.00	54.83 0.16 0.00	50.95 0.30 0.00
TRIGEN___CC 323695	51.39 3.50 0.00	42.79 2.57 0.00	39.47 2.09 0.00	37.64 2.06 0.00	37.58 1.96 0.00	36.68 2.14 0.00	37.39 2.22 0.00	37.51 2.16 0.00	39.01 2.38 0.00	40.92 2.96 0.00	41.59 3.12 -0.49	45.97 3.42 -0.83	47.52 3.13 -0.98	50.81 2.71 -0.63	54.25 3.28 -0.54	57.37 3.47 -0.57	62.68 3.10 0.00	76.09 3.07 0.00	78.88 2.89 0.00	78.86 2.52 0.00	66.87 1.57 2.86	58.97 1.25 1.71	54.89 1.80 1.58	51.99 2.13 0.79
TRINITY___115KV___4 BK 55933	49.19 1.29 0.00	41.10 0.88 0.00	38.28 0.90 0.00	36.57 1.00 0.00	36.65 1.03 0.00	35.54 1.00 0.00	36.19 1.02 0.00	36.34 0.99 0.00	37.40 0.77 0.00	38.72 0.76 0.00	38.29 0.68 0.38	41.81 0.75 0.66	43.42 0.78 0.78	47.35 0.38 0.50	50.49 0.45 0.40	53.47 0.59 0.45	59.94 0.36 0.00	73.61 0.58 0.00	76.67 0.68 0.00	77.03 0.69 0.00	68.58 0.41 0.00	59.79 0.36 0.00	55.27 0.60 0.00	51.31 0.66 0.00
UNION___PROCESSING_DRP 323587	47.56 -0.34 0.00	40.66 0.44 0.00	37.94 0.56 0.00	35.65 0.07 0.00	35.65 0.04 0.00	34.54 0.00 0.00	35.03 -0.14 0.00	35.53 0.18 0.00	36.37 -0.26 0.00	37.62 -0.34 0.00	37.73 -0.27 0.00	41.43 -0.29 0.00	43.11 -0.30 0.00	47.81 0.33 0.00	50.89 0.45 0.00	54.29 0.96 0.00	61.31 1.73 0.00	74.63 1.61 0.00	77.36 1.37 0.00	77.41 1.07 0.00	69.05 0.89 0.00	60.38 0.95 0.00	55.10 0.44 0.00	51.61 0.96 0.00
UPPER HUDSON___HYD 24058	49.72 1.82 0.00	41.66 1.45 0.00	38.69 1.31 0.00	36.85 1.28 0.00	36.97 1.35 0.00	35.82 1.28 0.00	36.47 1.30 0.00	36.55 1.20 0.00	37.54 0.92 0.00	38.80 0.83 0.00	37.95 0.38 0.42	41.42 0.42 0.72	43.09 0.52 0.85	47.31 0.38 0.54	50.65 0.65 0.44	53.85 1.01 0.49	60.71 1.13 0.00	75.14 2.12 0.00	79.33 3.34 0.00	80.16 3.82 0.00	71.71 3.54 0.00	62.23 2.79 0.00	57.29 2.62 0.00	53.03 2.38 0.00
UPPER RAQUET___HYD 24056	48.18 0.29 0.00	40.50 0.28 0.00	37.57 0.19 0.00	35.65 0.07 0.00	35.76 0.14 0.00	34.72 0.17 0.00	35.38 0.21 0.00	35.35 0.00 0.00	36.85 0.22 0.00	38.34 0.38 0.00	38.29 0.30 0.00	42.05 0.33 0.00	43.80 0.39 0.00	47.85 0.38 0.00	50.54 0.10 0.00	52.96 -0.37 0.00	59.64 0.06 0.00	73.47 0.44 0.00	76.75 0.76 0.00	77.56 1.22 0.00	69.80 1.63 0.00	65.93 1.61 -4.90	55.54 0.87 0.00	51.15 0.51 0.00
VALLEY44_115KV_TB2 355964	47.70 -0.19 0.00	41.14 0.93 0.00	38.35 0.97 0.00	35.90 0.32 0.00	35.97 0.36 0.00	34.85 0.31 0.00	35.17 0.00 0.00	35.81 0.46 0.00	36.37 -0.26 0.00	37.62 -0.34 0.00	37.76 -0.23 0.00	41.34 -0.38 0.00	42.93 -0.48 0.00	47.81 0.33 0.00	50.74 0.30 0.00	54.08 0.75 0.00	61.43 1.85 0.00	74.34 1.31 0.00	76.29 0.30 0.00	76.34 0.00 0.00	67.96 -0.20 0.00	59.61 0.18 0.00	54.67 0.00 0.00	51.71 1.06 0.00
VALLEY___115KV_TB 1-4 80826	48.23 0.34 0.00	40.50 0.28 0.00	37.60 0.22 0.00	35.79 0.21 0.00	35.79 0.18 0.00	34.75 0.21 0.00	35.38 0.21 0.00	35.53 0.18 0.00	36.70 0.07 0.00	38.08 0.11 0.00	38.11 0.11 0.00	41.84 0.13 0.00	43.58 0.17 0.00	47.57 0.09 0.00	50.64 0.20 0.00	53.55 0.21 0.00	59.76 0.18 0.00	73.24 0.22 0.00	76.37 0.38 0.00	76.72 0.38 0.00	68.58 0.41 0.00	59.79 0.36 0.00	54.99 0.33 0.00	51.00 0.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	50.05 2.16 0.00	42.11 1.89 0.00	39.06 1.68 0.00	37.18 1.60 0.00	37.22 1.60 0.00	36.13 1.59 0.00	36.82 1.65 0.00	36.98 1.63 0.00	38.02 1.39 0.00	39.37 1.40 0.00	39.44 1.44 0.00	43.30 1.59 0.00	45.15 1.74 0.00	49.47 1.99 0.00	52.81 2.37 0.00	56.00 2.67 0.00	62.44 2.86 0.00	76.46 3.43 0.00	79.64 3.65 0.00	79.93 3.59 0.00	71.51 3.34 0.00	62.22 2.79 0.00	57.23 2.57 0.00	53.28 2.63 0.00
VISCHER___FERRY HYD 24020	49.76 1.87 0.00	41.63 1.41 0.00	38.72 1.34 0.00	36.96 1.39 0.00	37.00 1.39 0.00	35.93 1.38 0.00	36.54 1.37 0.00	36.73 1.38 0.00	37.76 1.14 0.00	39.02 1.06 0.00	38.33 0.91 0.57	41.69 0.96 0.98	43.29 1.04 1.16	47.73 1.00 0.75	50.99 1.16 0.61	54.04 1.38 0.68	60.89 1.31 0.00	74.85 1.83 0.00	78.04 2.05 0.00	78.48 2.13 0.00	69.94 1.77 0.00	60.97 1.54 0.00	56.19 1.53 0.00	52.27 1.62 0.00
V_A_10_SYNC_DSASP 323832	46.94 -0.96 0.00	40.58 0.36 0.00	37.90 0.52 0.00	35.47 -0.11 0.00	35.47 -0.14 0.00	34.30 -0.24 0.00	34.71 -0.46 0.00	35.39 0.04 0.00	36.01 -0.62 0.00	37.13 -0.84 0.00	37.19 -0.80 0.00	40.76 -0.96 0.00	42.33 -1.09 0.00	47.09 -0.38 0.00	49.98 -0.45 0.00	53.28 -0.05 0.00	60.47 0.89 0.00	73.17 0.15 0.00	75.61 -0.38 0.00	75.73 -0.61 0.00	67.42 -0.75 0.00	59.07 -0.36 0.00	53.90 -0.77 0.00	50.90 0.25 0.00
V_CMM_10_SYNC_DSASP 323787	47.56 -0.33 0.00	39.94 -0.28 0.00	37.08 -0.30 0.00	35.25 -0.32 0.00	35.33 -0.29 0.00	34.23 -0.31 0.00	34.89 -0.28 0.00	35.00 -0.35 0.00	36.55 -0.07 0.00	37.92 -0.04 0.00	37.92 -0.08 0.00	41.63 -0.08 0.00	43.37 -0.04 0.00	47.38 -0.09 0.00	50.09 -0.35 0.00	52.70 -0.64 0.00	59.10 -0.48 0.00	72.66 -0.36 0.00	75.69 -0.30 0.00	76.19 -0.15 0.00	68.23 0.07 0.00	58.89 0.12 0.66	54.45 -0.22 0.00	50.14 -0.51 0.00
V_CMP_10_SYNC_DSASP 323788	47.90 0.00 0.00	40.18 -0.04 0.00	37.27 -0.11 0.00	35.36 -0.21 0.00	35.44 -0.18 0.00	34.41 -0.14 0.00	35.07 -0.11 0.00	35.17 -0.18 0.00	36.77 0.15 0.00	38.19 0.23 0.00	38.22 0.23 0.00	41.97 0.25 0.00	43.67 0.26 0.00	47.76 0.29 0.00	49.98 -0.45 0.00	52.21 -1.12 0.00	58.51 -1.07 0.00	72.22 -0.80 0.00	75.23 -0.76 0.00	75.89 -0.46 0.00	68.10 -0.07 0.00	59.66 -0.12 -0.35	54.17 -0.49 0.00	50.24 -0.41 0.00
V_D_10_SYNC_DSASP 323841	47.99 0.10 0.00	40.30 0.08 0.00	37.42 0.04 0.00	35.54 -0.04 0.00	35.62 0.00 0.00	34.54 0.00 0.00	35.21 0.04 0.00	35.25 -0.11 0.00	36.77 0.15 0.00	38.23 0.27 0.00	38.22 0.23 0.00	41.97 0.25 0.00	43.72 0.31 0.00	47.76 0.29 0.00	50.49 0.05 0.00	53.01 -0.32 0.00	59.52 -0.06 0.00	73.25 0.22 0.00	76.30 0.31 0.00	76.88 0.54 0.00	68.92 0.75 0.00	67.40 0.83 -7.13	54.94 0.27 0.00	50.65 0.00 0.00
V_E_10_SYNC_DSASP 323830	51.58 3.69 0.00	43.68 3.46 0.00	40.52 3.14 0.00	38.28 2.70 0.00	38.25 2.64 0.00	37.17 2.62 0.00	37.92 2.75 0.00	37.93 2.58 0.00	38.64 2.01 0.00	39.86 1.90 0.00	39.78 1.79 0.00	43.68 1.96 0.00	45.62 2.21 0.00	50.23 2.75 0.00	53.87 3.43 0.00	57.44 4.11 0.00	64.64 5.06 0.00	79.45 6.43 0.00	83.51 7.52 0.00	84.21 7.87 0.00	75.60 7.43 0.00	65.55 6.12 0.00	59.97 5.30 0.00	55.56 4.91 0.00

V_F_30_NSYNC___DSASP 323816	50.15 2.25 0.00	41.99 1.77 0.00	39.02 1.64 0.00	37.18 1.60 0.00	37.26 1.64 0.00	36.13 1.59 0.00	36.79 1.62 0.00	36.87 1.52 0.00	37.87 1.25 0.00	39.10 1.14 0.00	38.50 0.95 0.44	42.00 1.04 0.76	43.69 1.17 0.90	48.08 1.19 0.58	51.43 1.46 0.47	54.57 1.76 0.52	61.49 1.91 0.00	75.80 2.77 0.00	79.33 3.34 0.00	80.01 3.66 0.00	71.44 3.27 0.00	62.11 2.68 0.00	57.23 2.57 0.00	53.13 2.48 0.00
V_F_30_SYNC_DSASP 323786	49.38 1.48 0.00	41.26 1.05 0.00	38.39 1.01 0.00	36.68 1.10 0.00	36.76 1.14 0.00	35.65 1.11 0.00	36.30 1.13 0.00	36.45 1.10 0.00	37.51 0.88 0.00	38.80 0.84 0.00	38.40 0.80 0.39	41.97 0.92 0.67	43.57 0.96 0.79	47.53 0.57 0.51	50.68 0.66 0.41	53.73 0.85 0.46	60.24 0.66 0.00	74.05 1.02 0.00	77.13 1.14 0.00	77.49 1.15 0.00	68.98 0.82 0.00	60.09 0.65 0.00	55.54 0.87 0.00	51.56 0.91 0.00
V_XM_10_SYNC_DSASP 323789	47.90 0.00 0.00	40.18 -0.04 0.00	37.27 -0.11 0.00	35.36 -0.21 0.00	35.44 -0.18 0.00	34.41 -0.14 0.00	35.07 -0.11 0.00	35.17 -0.18 0.00	36.77 0.15 0.00	38.19 0.23 0.00	38.22 0.23 0.00	41.97 0.25 0.00	43.67 0.26 0.00	47.76 0.29 0.00	49.98 -0.45 0.00	52.21 -1.12 0.00	58.51 -1.07 0.00	72.22 -0.80 0.00	75.23 -0.76 0.00	75.89 -0.46 0.00	68.10 -0.07 0.00	59.66 -0.12 -0.35	54.17 -0.49 0.00	50.24 -0.41 0.00
W.BABYLN_69_KV_BK1 56697	52.21 4.31 0.00	43.44 3.22 0.00	39.96 2.58 0.00	38.10 2.53 0.00	37.97 2.35 0.00	37.17 2.63 0.00	37.88 2.71 0.00	37.93 2.58 0.00	39.59 2.97 0.00	41.72 3.76 0.00	42.51 4.03 -0.49	46.97 4.42 -0.83	48.21 3.82 -0.98	51.14 3.09 -0.58	54.71 3.88 -0.38	57.75 4.16 -0.26	63.57 3.99 0.00	76.53 3.94 0.43	79.45 3.80 0.34	79.00 3.28 0.62	60.25 2.11 10.03	54.94 1.66 6.15	51.04 2.19 5.81	50.27 2.58 2.96
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	51.01 3.11 0.00	42.55 2.33 0.00	39.47 2.09 0.00	37.64 2.06 0.00	37.68 2.07 0.00	36.62 2.07 0.00	37.32 2.15 0.00	37.54 2.19 0.00	38.79 2.16 0.00	40.20 2.24 0.00	40.88 2.43 -0.46	45.17 2.67 -0.78	47.07 2.73 -0.93	50.96 2.90 -0.60	54.05 3.13 -0.48	57.28 3.41 -0.54	62.62 3.04 0.00	76.38 3.36 0.00	79.18 3.19 0.00	79.24 2.90 0.00	70.35 2.18 0.00	61.15 1.72 0.00	57.02 2.35 0.00	53.33 2.68 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.44 3.54 0.00	42.83 2.61 0.00	39.70 2.32 0.00	37.85 2.28 0.00	37.90 2.28 0.00	36.82 2.28 0.00	37.56 2.39 0.00	37.83 2.47 0.00	39.08 2.45 0.00	40.62 2.66 0.00	41.37 2.89 -0.49	45.76 3.21 -0.83	47.69 3.30 -0.98	51.62 3.51 -0.63	54.68 3.73 -0.51	57.90 4.00 -0.57	62.98 3.40 0.00	76.68 3.65 0.00	79.64 3.65 0.00	79.70 3.36 0.00	70.69 2.52 0.00	61.45 2.02 0.00	57.45 2.79 0.00	53.69 3.04 0.00
W50THST__13_KV_LOAD 356117	51.73 3.83 0.00	43.07 2.86 0.00	39.88 2.50 0.00	38.03 2.45 0.00	38.07 2.46 0.00	37.03 2.49 0.00	37.74 2.57 0.00	38.04 2.69 0.00	39.30 2.67 0.00	40.85 2.89 0.00	41.63 3.15 -0.49	46.06 3.50 -0.83	48.00 3.60 -0.98	51.95 3.85 -0.63	55.04 4.09 -0.51	58.28 4.37 -0.57	63.45 3.87 0.00	77.19 4.16 0.00	80.17 4.18 0.00	80.24 3.89 0.00	71.10 2.93 0.00	61.87 2.44 0.00	57.78 3.12 0.00	53.99 3.34 0.00
WADING RIVER_IC_1 23522	51.01 3.11 0.00	42.55 2.33 0.00	39.29 1.91 0.00	37.03 1.46 0.00	36.94 1.32 0.00	36.17 1.62 0.00	37.53 2.36 0.00	37.15 1.80 0.00	38.97 2.35 0.00	41.08 3.11 0.00	41.94 3.46 -0.49	46.39 3.84 -0.84	47.65 3.26 -0.98	50.10 2.09 -0.54	53.70 2.98 -0.29	56.62 3.25 -0.04	62.68 3.10 0.00	75.20 2.92 0.75	77.99 2.59 0.58	77.33 2.06 1.07	57.98 0.82 11.00	52.87 0.30 6.86	48.64 0.49 6.52	48.51 1.21 3.35
WADING RIVER_IC_2 23547	51.01 3.11 0.00	42.55 2.33 0.00	39.29 1.91 0.00	37.03 1.46 0.00	36.94 1.32 0.00	36.17 1.62 0.00	37.53 2.36 0.00	37.15 1.80 0.00	38.97 2.35 0.00	41.08 3.11 0.00	41.94 3.46 -0.49	46.39 3.84 -0.84	47.65 3.26 -0.98	50.10 2.09 -0.54	53.70 2.98 -0.29	56.62 3.25 -0.04	62.68 3.10 0.00	75.20 2.92 0.75	77.99 2.59 0.58	77.33 2.06 1.07	57.98 0.82 11.00	52.87 0.30 6.86	48.64 0.49 6.52	48.51 1.21 3.35
WADING RIVER_IC_3 23601	51.01 3.11 0.00	42.55 2.33 0.00	39.29 1.91 0.00	37.03 1.46 0.00	36.94 1.32 0.00	36.17 1.62 0.00	37.53 2.36 0.00	37.15 1.80 0.00	38.97 2.35 0.00	41.08 3.11 0.00	41.94 3.46 -0.49	46.39 3.84 -0.84	47.65 3.26 -0.98	50.10 2.09 -0.54	53.70 2.98 -0.29	56.62 3.25 -0.04	62.68 3.10 0.00	75.20 2.92 0.75	77.99 2.59 0.58	77.33 2.06 1.07	57.98 0.82 11.00	52.87 0.30 6.86	48.64 0.49 6.52	48.51 1.21 3.35
WALDENNY_12_KV_BK2 80841	47.80 -0.10 0.00	41.51 1.29 0.00	38.73 1.35 0.00	36.04 0.46 0.00	36.15 0.53 0.00	34.99 0.45 0.00	35.35 0.18 0.00	36.09 0.74 0.00	36.55 -0.07 0.00	37.66 -0.30 0.00	37.76 -0.23 0.00	41.34 -0.38 0.00	42.98 -0.43 0.00	48.00 0.52 0.00	50.94 0.50 0.00	54.35 1.01 0.00	61.78 2.20 0.00	74.70 1.68 0.00	76.98 0.99 0.00	77.03 0.69 0.00	68.44 0.27 0.00	60.14 0.71 0.00	54.88 0.22 0.00	51.96 1.32 0.00
WALDEN__HYDRO 24148	50.67 2.78 0.00	42.27 2.05 0.00	39.21 1.83 0.00	37.35 1.78 0.00	37.43 1.82 0.00	36.37 1.83 0.00	37.03 1.86 0.00	37.22 1.87 0.00	38.42 1.79 0.00	39.78 1.82 0.00	40.35 1.94 -0.42	44.62 2.17 -0.73	46.53 2.26 -0.86	50.40 2.37 -0.55	53.51 2.62 -0.45	56.71 2.88 -0.50	62.20 2.62 0.00	76.02 2.99 0.00	79.03 3.04 0.00	79.17 2.82 0.00	70.35 2.18 0.00	61.15 1.72 0.00	56.96 2.30 0.00	53.18 2.53 0.00
WARRENSBURG____ 23737	49.76 1.87 0.00	41.67 1.45 0.00	38.69 1.31 0.00	36.86 1.28 0.00	36.97 1.35 0.00	35.82 1.28 0.00	36.47 1.30 0.00	36.55 1.20 0.00	38.46 1.83 0.00	39.75 1.78 0.00	38.90 1.33 0.42	42.50 1.50 0.72	44.17 1.61 0.85	47.50 0.57 0.54	50.65 0.66 0.44	53.85 1.01 0.49	60.71 1.13 0.00	75.14 2.12 0.00	79.33 3.34 0.00	80.16 3.82 0.00	71.71 3.54 0.00	62.22 2.79 0.00	57.34 2.68 0.00	53.03 2.38 0.00
WATERSIDE____6 8 9 23538	51.68 3.78 0.00	43.03 2.82 0.00	39.85 2.47 0.00	37.99 2.42 0.00	38.04 2.42 0.00	37.00 2.45 0.00	37.70 2.53 0.00	37.97 2.62 0.00	39.23 2.60 0.00	40.73 2.77 0.00	41.52 3.04 -0.49	45.93 3.38 -0.83	47.87 3.47 -0.98	51.76 3.66 -0.63	54.83 3.88 -0.51	58.06 4.16 -0.57	62.97 3.40 0.00	76.53 3.51 0.00	79.49 3.50 0.00	79.40 3.05 0.00	70.35 2.18 0.00	61.51 2.08 0.00	57.67 3.01 0.00	53.89 3.24 0.00
WATKINRD_115KV_LN8_ILLION 55919	48.18 0.29 0.00	40.42 0.20 0.00	37.57 0.19 0.00	35.75 0.18 0.00	35.79 0.18 0.00	34.72 0.17 0.00	35.35 0.18 0.00	35.53 0.18 0.00	36.70 0.07 0.00	38.04 0.08 0.00	38.07 0.08 0.00	41.80 0.08 0.00	43.54 0.13 0.00	47.52 0.05 0.00	50.59 0.15 0.00	53.49 0.16 0.00	59.70 0.12 0.00	73.17 0.15 0.00	76.29 0.30 0.00	76.65 0.31 0.00	68.44 0.27 0.00	59.67 0.24 0.00	54.94 0.27 0.00	50.90 0.25 0.00

WDELAWARE___HYD 323627	50.48 2.58 0.00	42.15 1.93 0.00	39.06 1.68 0.00	37.14 1.56 0.00	37.26 1.64 0.00	36.17 1.62 0.00	36.86 1.69 0.00	37.01 1.66 0.00	38.20 1.57 0.00	39.56 1.59 0.00	40.00 1.67 -0.34	44.13 1.83 -0.58	46.09 2.00 -0.68	50.05 2.14 -0.44	53.26 2.47 -0.36	56.50 2.77 -0.40	62.20 2.62 0.00	76.09 3.07 0.00	79.26 3.27 0.00	79.55 3.21 0.00	70.76 2.59 0.00	61.45 2.02 0.00	56.96 2.30 0.00	53.23 2.58 0.00
WEST BABYLON___IC 23714	52.21 4.31 0.00	43.44 3.22 0.00	39.96 2.58 0.00	38.10 2.53 0.00	37.97 2.35 0.00	37.17 2.63 0.00	37.88 2.71 0.00	37.93 2.58 0.00	39.59 2.97 0.00	41.72 3.76 0.00	42.51 4.03 -0.49	46.97 4.42 -0.83	48.21 3.82 -0.98	51.14 3.09 -0.58	54.71 3.88 -0.38	57.75 4.16 -0.26	63.57 3.99 0.00	76.53 3.94 0.43	79.45 3.80 0.34	79.00 3.28 0.62	60.25 2.11 10.03	54.94 1.66 6.15	51.04 2.19 5.81	50.27 2.58 2.96
WEST CANADA___HYD 24049	48.18 0.29 0.00	40.42 0.20 0.00	37.57 0.19 0.00	35.79 0.21 0.00	35.83 0.21 0.00	34.75 0.21 0.00	35.38 0.21 0.00	35.56 0.21 0.00	36.74 0.11 0.00	38.08 0.11 0.00	38.11 0.11 0.00	41.84 0.13 0.00	43.54 0.13 0.00	47.57 0.10 0.00	50.59 0.15 0.00	53.55 0.21 0.00	59.70 0.12 0.00	73.17 0.15 0.00	76.22 0.23 0.00	76.57 0.23 0.00	68.37 0.21 0.00	59.61 0.18 0.00	54.88 0.22 0.00	50.90 0.25 0.00
WESTERN_NY_WIND 24143	48.28 0.38 0.00	41.75 1.53 0.00	39.03 1.64 0.00	36.18 0.60 0.00	36.44 0.82 0.00	35.30 0.76 0.00	35.66 0.49 0.00	36.34 0.99 0.00	36.81 0.18 0.00	37.77 -0.19 0.00	37.84 -0.15 0.00	41.47 -0.25 0.00	43.15 -0.26 0.00	48.14 0.66 0.00	51.19 0.76 0.00	54.72 1.39 0.00	62.26 2.68 0.00	75.65 2.63 0.00	78.35 2.36 0.00	78.48 2.14 0.00	70.01 1.84 0.00	61.33 1.90 0.00	55.76 1.09 0.00	52.83 2.18 0.00
WESTOVER___LESR 323668	48.52 0.62 0.00	41.02 0.80 0.00	38.17 0.78 0.00	36.14 0.57 0.00	36.19 0.57 0.00	35.10 0.55 0.00	35.63 0.46 0.00	35.95 0.60 0.00	36.88 0.26 0.00	38.19 0.23 0.00	38.26 0.27 0.00	42.01 0.29 0.00	43.71 0.30 0.00	48.09 0.62 0.00	51.14 0.71 0.00	54.35 1.01 0.00	61.01 1.43 0.00	74.49 1.46 0.00	77.21 1.22 0.00	77.49 1.15 0.00	69.19 1.02 0.00	60.38 0.95 0.00	55.54 0.87 0.00	51.86 1.22 0.00
WETHRSFD_WT_PWR 323626	47.90 0.00 0.00	41.31 1.09 0.00	38.54 1.16 0.00	36.11 0.53 0.00	36.08 0.46 0.00	34.96 0.42 0.00	35.28 0.11 0.00	35.81 0.46 0.00	36.26 -0.37 0.00	37.39 -0.57 0.00	37.38 -0.61 0.00	41.09 -0.62 0.00	42.54 -0.87 0.00	47.38 -0.09 0.00	50.29 -0.15 0.00	53.49 0.16 0.00	60.71 1.13 0.00	73.83 0.80 0.00	76.45 0.46 0.00	76.80 0.46 0.00	68.51 0.34 0.00	60.15 0.72 0.00	55.65 0.99 0.00	51.91 1.27 0.00
WHAVSTOR_138KV_BK127 55557	50.87 2.97 0.00	42.43 2.21 0.00	39.36 1.98 0.00	37.53 1.96 0.00	37.58 1.96 0.00	36.55 2.00 0.00	37.21 2.04 0.00	37.44 2.09 0.00	38.68 2.05 0.00	40.13 2.16 0.00	40.77 2.32 -0.46	45.09 2.59 -0.79	46.94 2.60 -0.93	50.82 2.75 -0.60	53.90 2.98 -0.49	57.13 3.25 -0.54	62.38 2.80 0.00	76.09 3.07 0.00	78.65 2.66 0.00	78.71 2.37 0.00	69.87 1.70 0.00	60.80 1.37 0.00	56.69 2.02 0.00	53.03 2.38 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.87 2.97 0.00	42.43 2.21 0.00	39.36 1.98 0.00	37.53 1.96 0.00	37.58 1.96 0.00	36.55 2.00 0.00	37.21 2.04 0.00	37.44 2.09 0.00	38.68 2.05 0.00	40.13 2.16 0.00	40.77 2.32 -0.46	45.09 2.59 -0.79	46.94 2.60 -0.93	50.82 2.75 -0.60	53.90 2.98 -0.49	57.13 3.25 -0.54	62.38 2.80 0.00	76.09 3.07 0.00	78.65 2.66 0.00	78.71 2.37 0.00	69.87 1.70 0.00	60.80 1.37 0.00	56.69 2.02 0.00	53.03 2.38 0.00
WHITEHAL_115KV_TB1 80871	50.00 2.11 0.00	41.87 1.65 0.00	38.84 1.46 0.00	37.00 1.42 0.00	37.11 1.50 0.00	35.92 1.38 0.00	36.61 1.44 0.00	36.66 1.31 0.00	38.35 1.72 0.00	39.63 1.67 0.00	38.78 1.22 0.43	42.36 1.38 0.74	44.06 1.52 0.87	47.53 0.62 0.56	50.79 0.81 0.45	54.05 1.23 0.51	61.07 1.49 0.00	75.87 2.85 0.00	80.17 4.18 0.00	81.31 4.96 0.00	72.73 4.57 0.00	63.00 3.57 0.00	58.05 3.39 0.00	53.53 2.89 0.00
WHITEPLN_13_KV_LOAD 356215	51.54 3.64 0.00	42.95 2.73 0.00	39.81 2.43 0.00	37.92 2.35 0.00	37.97 2.35 0.00	36.89 2.35 0.00	37.60 2.43 0.00	37.86 2.51 0.00	39.12 2.49 0.00	40.54 2.58 0.00	41.33 2.85 -0.49	45.72 3.17 -0.83	47.60 3.21 -0.98	51.52 3.42 -0.63	54.63 3.68 -0.51	57.90 4.00 -0.57	63.27 3.69 0.00	77.11 4.09 0.00	80.32 4.33 0.00	80.31 3.97 0.00	71.23 3.07 0.00	61.93 2.50 0.00	57.73 3.06 0.00	53.89 3.24 0.00
WM_FLOYD_69_KV_BK2 356380	51.49 3.59 0.00	42.95 2.73 0.00	39.47 2.09 0.00	37.75 2.17 0.00	37.65 2.03 0.00	36.89 2.35 0.00	37.70 2.53 0.00	37.47 2.12 0.00	39.19 2.56 0.00	41.38 3.42 0.00	42.20 3.72 -0.49	46.64 4.09 -0.83	47.65 3.26 -0.98	50.52 2.52 -0.53	54.04 3.33 -0.27	56.95 3.63 0.01	63.10 3.52 0.00	75.65 3.43 0.81	78.55 3.19 0.63	77.86 2.67 1.16	58.48 1.30 10.98	53.46 0.89 6.86	49.58 1.42 6.51	49.03 1.72 3.34
WOODARD__115KV_TB2 355635	47.32 -0.57 0.00	39.94 -0.28 0.00	37.16 -0.22 0.00	35.29 -0.28 0.00	35.33 -0.28 0.00	34.23 -0.31 0.00	34.78 -0.39 0.00	35.07 -0.28 0.00	36.15 -0.48 0.00	37.47 -0.49 0.00	37.54 -0.46 0.00	41.22 -0.50 0.00	42.89 -0.52 0.00	47.09 -0.38 0.00	50.13 -0.30 0.00	53.23 -0.11 0.00	59.64 0.06 0.00	72.88 -0.15 0.00	75.84 -0.15 0.00	76.19 -0.15 0.00	68.10 -0.07 0.00	59.31 -0.12 0.00	54.56 -0.11 0.00	50.65 0.00 0.00
WOODMERE_69_KV_BK1 55827	52.21 4.31 0.00	43.44 3.22 0.00	40.00 2.62 0.00	38.14 2.56 0.00	38.04 2.42 0.00	37.17 2.63 0.00	37.84 2.67 0.00	38.00 2.65 0.00	39.56 2.93 0.00	41.53 3.57 0.00	42.24 3.76 -0.49	46.72 4.17 -0.83	48.34 3.95 -0.98	51.76 3.66 -0.63	55.36 4.34 -0.59	58.49 4.59 -0.57	63.99 4.41 0.00	77.70 4.67 0.00	80.55 4.56 0.00	80.47 4.12 0.00	69.98 2.93 1.12	61.14 2.38 0.67	56.78 2.79 0.67	53.33 3.04 0.35
YORK___WARBASSE 23770	52.01 4.12 0.00	43.32 3.10 0.00	40.07 2.69 0.00	38.21 2.63 0.00	38.25 2.64 0.00	37.17 2.63 0.00	37.88 2.71 0.00	38.11 2.76 0.00	39.37 2.75 0.00	40.92 2.96 0.00	41.71 3.23 -0.49	46.18 3.63 -0.83	48.13 3.73 -0.98	52.09 3.99 -0.63	55.24 4.29 -0.51	58.44 4.53 -0.57	63.40 3.81 -0.01	77.05 4.02 -0.01	80.09 4.10 0.00	79.85 3.51 0.00	70.76 2.59 0.00	61.94 2.50 -0.01	58.05 3.39 0.00	54.24 3.60 0.00