

Time Weighted/Integrated Real Time LBMP- Generator

Generator Data		12/10/2024																							
Name	PTID	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
59TH STREET_GT_1	24138	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
		39.22	41.90	47.53	44.09	45.42	44.80	61.49	61.22	76.89	68.95	64.83	73.53	65.14	70.46	62.13	61.09	78.83	74.20	61.55	61.89	55.05	63.64	39.67	38.69
		1.98	1.94	1.95	1.87	1.94	2.08	2.99	3.61	4.45	3.96	3.96	4.78	4.11	4.58	4.01	3.89	4.40	5.89	4.78	4.48	4.12	3.68	2.66	2.39
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-2.00	-1.48	0.00	0.00	0.00	0.00	-3.76	-15.08	-2.38	0.00	0.00	0.00	-12.57	0.00	0.00
74TH STREET_GT_1	24260	39.24	41.93	47.57	44.13	45.45	44.83	61.51	61.22	76.84	68.89	64.80	73.49	65.10	70.42	62.09	61.03	78.75	74.14	61.50	61.87	55.05	63.61	39.67	38.70
		2.00	1.97	1.99	1.92	1.97	2.11	3.00	3.62	4.40	3.91	3.94	4.74	4.08	4.54	3.98	3.84	4.35	5.83	4.73	4.46	4.12	3.67	2.67	2.41
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-2.00	-1.48	0.00	0.00	0.00	0.00	-3.75	-15.05	-2.37	0.00	0.00	0.00	-12.55	0.00	0.00
74TH STREET_GT_2	24261	39.24	41.93	47.57	44.13	45.45	44.83	61.51	61.22	76.84	68.89	64.80	73.49	65.10	70.42	62.09	61.03	78.75	74.14	61.50	61.87	55.05	63.61	39.67	38.70
		2.00	1.97	1.99	1.92	1.97	2.11	3.00	3.62	4.40	3.91	3.94	4.74	4.08	4.54	3.98	3.84	4.35	5.83	4.73	4.46	4.12	3.67	2.67	2.41
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-2.00	-1.48	0.00	0.00	0.00	0.00	-3.75	-15.05	-2.37	0.00	0.00	0.00	-12.55	0.00	0.00
ADK HUDSON___FALLS	24011	39.64	42.47	48.26	44.78	46.03	45.22	62.03	61.22	76.89	67.26	63.61	73.36	65.05	71.67	62.95	58.93	68.04	73.23	62.56	63.18	55.93	54.44	40.27	39.55
		2.40	2.51	2.68	2.56	2.55	2.50	3.53	3.61	4.59	3.84	3.91	4.60	4.03	5.79	4.83	4.70	5.49	6.80	5.78	5.78	4.99	4.38	3.26	3.26
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.42	-0.31	0.00	0.00	0.00	0.00	-0.80	-3.20	-0.51	0.00	0.00	0.00	-2.67	0.00	0.00
ADK RESOURCE___RCVRY	23798	39.88	42.72	48.49	45.02	46.23	45.45	62.44	61.60	77.40	67.70	64.09	73.91	65.51	72.16	63.31	59.30	68.54	73.86	63.13	63.76	56.38	54.81	40.56	39.90
		2.64	2.76	2.91	2.81	2.75	2.72	3.93	4.00	5.10	4.29	4.39	5.16	4.48	6.28	5.19	5.08	6.00	7.43	6.35	6.36	5.44	4.76	3.55	3.61
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.42	-0.31	0.00	0.00	0.00	0.00	-0.80	-3.19	-0.51	0.00	0.00	0.00	-2.66	0.00	0.00
ADK S GLENS___FALLS	24028	39.64	42.47	48.26	44.78	46.03	45.22	62.03	61.22	76.89	67.26	63.61	73.36	65.05	71.67	62.95	58.93	68.04	73.23	62.56	63.18	55.93	54.44	40.27	39.55
		2.40	2.51	2.68	2.56	2.55	2.50	3.53	3.61	4.59	3.84	3.91	4.60	4.03	5.79	4.83	4.70	5.49	6.80	5.78	5.78	4.99	4.38	3.26	3.26
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.42	-0.31	0.00	0.00	0.00	0.00	-0.80	-3.20	-0.51	0.00	0.00	0.00	-2.67	0.00	0.00
ADK_NYS___DAM	23527	39.72	42.52	48.26	44.89	46.07	45.33	61.76	60.84	76.56	67.15	63.39	73.03	64.58	70.18	61.55	57.83	67.17	71.52	60.97	61.53	54.68	54.07	39.60	38.87
		2.49	2.56	2.68	2.68	2.59	2.61	3.26	3.24	4.25	3.64	3.61	4.27	3.56	4.30	3.43	3.41	3.84	4.96	4.20	4.13	3.75	3.38	2.59	2.57
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.53	-0.39	0.00	0.00	0.00	0.00	-0.99	-3.98	-0.63	0.00	0.00	0.00	-3.31	0.00	0.00
AIR_PRODUCTS___DRP	24190	37.93	40.73	46.31	43.05	44.22	43.38	58.82	58.05	72.87	63.87	60.22	69.45	61.57	66.70	58.69	54.92	63.47	67.92	57.96	58.48	51.93	51.03	37.89	37.14
		0.69	0.78	0.73	0.83	0.74	0.65	0.31	0.45	0.57	0.45	0.51	0.69	0.54	0.83	0.57	0.67	0.85	1.47	1.18	1.08	1.00	0.90	0.88	0.85
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.44	-0.32	0.00	0.00	0.00	0.00	-0.82	-3.28	-0.52	0.00	0.00	0.00	-2.73	0.00	0.00
AKWESSNE_115KV_BK	355683	37.78	40.50	46.27	42.84	44.04	43.44	59.42	58.16	73.01	63.66	59.94	69.37	61.70	66.41	58.53	53.77	59.70	65.55	56.55	57.31	50.80	47.32	37.03	36.36
		0.54	0.54	0.68	0.62	0.56	0.72	0.91	0.55	0.74	0.68	0.55	0.62	0.67	0.53	0.41	0.34	0.34	-0.38	-0.22	-0.09	-0.13	-0.07	0.02	0.07
		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	0.00	0.00	0.00
ALBANY_1_SOLAR	323833	38.63	41.53	47.31	43.92	45.16	44.32	60.30	59.48	74.57	65.18	61.37	70.84	62.93	68.18	60.01	56.01	64.32	69.35	59.23	59.77	53.05	51.64	38.56	37.81
		1.40	1.57	1.72	1.70	1.68	1.59	1.80	1.88	2.27	1.81	1.70	2.09	1.90	2.30	1.89	1.89	2.24	2.99	2.45	2.37	2.12	1.91	1.55	1.52
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.38	-0.28	0.00	0.00	0.00	0.00	-0.69	-2.72	-0.43	0.00	0.00	0.00	-2.34	0.00	0.00
ALBANY_2_SOLAR	323834	38.62	41.52	47.29	43.90	45.15	44.30	60.29	59.46	74.53	65.16	61.36	70.80	62.90	68.15	60.00	55.99	64.30	69.32	59.20	59.74	53.04	51.63	38.54	37.80
		1.38	1.56	1.71	1.69	1.67	1.57	1.78	1.86	2.23	1.79	1.69	2.05	1.87	2.27	1.88	1.87	2.23	2.96	2.42	2.34	2.11	1.89	1.53	1.51
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.38	-0.28	0.00	0.00	0.00	0.00	-0.69	-2.73	-0.43	0.00	0.00	0.00	-2.35	0.00	0.00
ALBANY___1	23571	37.93	40.73	46.31	43.05	44.22	43.38	58.82	58.05	72.87	63.87	60.22	69.45	61.57	66.70	58.69	54.92	63.47	67.92	57.96	58.48	51.93	51.03	37.89	37.14
		0.69	0.78	0.73	0.83	0.74	0.65	0.31	0.45	0.57	0.45	0.51	0.69	0.54	0.83	0.57	0.67	0.85	1.47	1.18	1.08	1.00	0.90	0.88	0.85
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.44	-0.32	0.00	0.00	0.00	0.00	-0.82	-3.28	-0.52	0.00	0.00	0.00	-2.73	0.00	0.00

ALBANY___2 23572	37.93 0.69 0.00	40.73 0.78 0.00	46.31 0.73 0.00	43.05 0.83 0.00	44.22 0.74 0.00	43.38 0.65 0.00	58.82 0.31 0.00	58.05 0.45 0.00	72.87 0.57 -0.04	63.87 0.45 -0.44	60.22 0.51 -0.32	69.45 0.69 0.00	61.57 0.54 0.00	66.70 0.83 0.00	58.69 0.57 0.00	54.92 0.67 -0.82	63.47 0.85 -3.28	67.92 1.47 -0.52	57.96 1.18 0.00	58.48 1.08 0.00	51.93 1.00 0.00	51.03 0.90 -2.73	37.89 0.88 0.00	37.14 0.85 0.00
ALBANY___3 23573	37.93 0.69 0.00	40.73 0.78 0.00	46.31 0.73 0.00	43.05 0.83 0.00	44.22 0.74 0.00	43.38 0.65 0.00	58.82 0.31 0.00	58.05 0.45 0.00	72.87 0.57 -0.04	63.87 0.45 -0.44	60.22 0.51 -0.32	69.45 0.69 0.00	61.57 0.54 0.00	66.70 0.83 0.00	58.69 0.57 0.00	54.92 0.67 -0.82	63.47 0.85 -3.28	67.92 1.47 -0.52	57.96 1.18 0.00	58.48 1.08 0.00	51.93 1.00 0.00	51.03 0.90 -2.73	37.89 0.88 0.00	37.14 0.85 0.00
ALBANY___4 23574	37.93 0.69 0.00	40.73 0.78 0.00	46.31 0.73 0.00	43.05 0.83 0.00	44.22 0.74 0.00	43.38 0.65 0.00	58.82 0.31 0.00	58.05 0.45 0.00	72.87 0.57 -0.04	63.87 0.45 -0.44	60.22 0.51 -0.32	69.45 0.69 0.00	61.57 0.54 0.00	66.70 0.83 0.00	58.69 0.57 0.00	54.92 0.67 -0.82	63.47 0.85 -3.28	67.92 1.47 -0.52	57.96 1.18 0.00	58.48 1.08 0.00	51.93 1.00 0.00	51.03 0.90 -2.73	37.89 0.88 0.00	37.14 0.85 0.00
ALBANY___LFGE 323615	38.26 1.02 0.00	41.07 1.11 0.00	46.72 1.14 0.00	43.41 1.20 0.00	44.60 1.12 0.00	43.77 1.04 0.00	59.46 0.96 0.00	58.73 1.12 0.00	73.74 1.43 -0.04	64.62 1.20 -0.43	60.93 1.23 -0.32	70.29 1.54 0.00	62.31 1.28 0.00	67.52 1.64 0.00	59.41 1.30 0.00	55.56 1.32 -0.81	64.19 1.59 -3.25	68.76 2.32 -0.51	58.66 1.89 0.00	59.17 1.77 0.00	52.54 1.60 0.00	51.54 1.44 -2.71	38.24 1.23 0.00	37.47 1.18 0.00
ALCOA_PA_115KV_PL-6C 55860	37.86 0.62 0.00	40.58 0.62 0.00	46.35 0.77 0.00	42.91 0.70 0.00	44.13 0.65 0.00	43.52 0.80 0.00	59.53 1.03 0.00	58.25 0.65 0.00	73.11 0.85 0.00	63.75 0.76 0.00	60.00 0.61 0.00	69.47 0.72 0.00	61.80 0.77 0.00	66.52 0.64 0.00	58.63 0.52 0.00	53.87 0.44 0.00	59.78 0.43 0.00	65.64 -0.29 0.00	56.64 -0.14 0.00	57.40 -0.01 0.00	50.87 -0.07 0.00	47.39 0.00 0.00	37.08 0.07 0.00	36.43 0.13 0.00
ALCOA_RYNLDS___DRP 24188	37.86 0.62 0.00	40.58 0.62 0.00	46.35 0.77 0.00	42.91 0.70 0.00	44.13 0.65 0.00	43.52 0.80 0.00	59.53 1.03 0.00	58.25 0.65 0.00	73.11 0.85 0.00	63.75 0.76 0.00	60.00 0.61 0.00	69.47 0.72 0.00	61.80 0.77 0.00	66.52 0.64 0.00	58.63 0.52 0.00	53.87 0.44 0.00	59.78 0.43 0.00	65.64 -0.29 0.00	56.64 -0.14 0.00	57.40 -0.01 0.00	50.87 -0.07 0.00	47.39 0.00 0.00	37.08 0.07 0.00	36.43 0.13 0.00
ALCOA___DSASP 323711	37.86 0.62 0.00	40.58 0.62 0.00	46.35 0.77 0.00	42.91 0.70 0.00	44.13 0.65 0.00	43.52 0.80 0.00	59.53 1.03 0.00	58.26 0.65 0.00	73.11 0.84 0.00	63.75 0.76 0.00	60.00 0.61 0.00	69.47 0.72 0.00	61.80 0.77 0.00	66.52 0.64 0.00	58.63 0.52 0.00	53.87 0.44 0.00	59.78 0.43 0.00	65.65 -0.28 0.00	56.64 -0.13 0.00	57.39 -0.01 0.00	50.87 -0.07 0.00	47.39 0.00 0.00	37.08 0.07 0.00	36.43 0.14 0.00
ALLEGHENY___COGEN 23514	36.86 -0.37 0.00	39.57 -0.39 0.00	45.46 -0.13 0.00	42.03 -0.18 0.00	43.60 0.12 0.00	42.94 0.22 0.00	59.33 0.82 0.00	58.51 0.91 0.00	74.01 1.74 0.00	63.64 0.65 0.00	59.61 0.23 0.00	68.42 -0.33 0.00	61.04 0.01 0.00	65.66 -0.22 0.00	57.86 -0.25 0.00	53.55 0.12 0.00	59.83 0.48 0.00	66.83 0.89 0.00	56.94 0.16 0.00	57.24 -0.17 0.00	50.33 -0.61 0.00	47.05 -0.34 0.00	36.85 -0.15 0.00	36.23 -0.05 0.00
ALTAMONT_115KV_TB 2 55880	38.09 0.85 0.00	40.90 0.94 0.00	46.58 1.00 0.00	43.20 0.99 0.00	44.44 0.96 0.00	43.60 0.88 0.00	59.49 0.99 0.00	58.75 1.14 0.00	73.71 1.40 -0.04	64.57 1.16 -0.42	60.88 1.18 -0.31	70.19 1.44 0.00	62.23 1.20 0.00	67.39 1.51 0.00	59.35 1.23 0.00	55.47 1.24 -0.80	64.00 1.45 -3.20	68.53 2.09 -0.51	58.50 1.72 0.00	59.05 1.65 0.00	52.41 1.48 0.00	51.38 1.32 -2.66	38.04 1.03 0.00	37.29 1.00 0.00
ALTONA_WT_PWR 323606	37.47 0.23 0.00	40.24 0.28 0.00	46.03 0.45 0.00	42.55 0.34 0.00	43.53 0.05 0.00	43.27 0.54 0.00	59.52 1.01 0.00	58.36 0.76 0.00	73.52 1.25 0.00	63.74 0.75 0.00	60.21 0.82 0.00	69.96 1.21 0.00	62.29 1.27 0.00	67.13 1.25 0.00	58.96 0.84 0.00	53.90 0.47 0.00	59.83 0.48 0.00	65.81 -0.12 0.00	55.97 -0.81 0.00	56.66 -0.75 0.00	49.93 -1.01 0.00	46.33 -1.07 0.00	36.05 -0.96 0.00	35.42 -0.87 0.00
AMERICAN_REF_FUEL 24010	34.23 -3.01 0.00	36.56 -3.40 0.00	42.01 -3.57 0.00	38.73 -3.48 0.00	40.06 -3.42 0.00	39.41 -3.32 0.00	53.70 -4.80 0.00	51.09 -5.40 1.12	43.11 -5.59 23.57	57.38 -5.61 0.00	54.18 -5.21 0.00	62.52 -6.23 0.00	55.47 -5.56 0.00	59.74 -6.14 0.00	53.03 -5.08 0.00	48.99 -4.44 0.00	54.34 -5.01 0.00	60.00 -5.93 0.00	51.09 -5.69 0.00	51.66 -5.75 0.00	45.68 -5.25 0.00	43.08 -4.31 0.00	34.13 -2.88 0.00	33.93 -2.36 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.54 -2.70 0.00	37.11 -2.85 0.00	42.71 -2.87 0.00	39.41 -2.80 0.00	41.03 -2.45 0.00	41.01 -1.72 0.00	56.93 -1.57 0.00	54.67 -1.57 1.36	42.32 -1.28 28.68	60.64 -2.35 0.00	57.36 -2.03 0.00	66.36 -2.40 0.00	58.60 -2.43 0.00	63.20 -2.68 0.00	56.58 -1.53 0.00	51.98 -1.45 0.00	57.39 -1.97 0.00	63.72 -2.21 0.00	54.06 -2.72 0.00	54.99 -2.42 0.00	48.73 -2.21 0.00	45.87 -1.53 0.00	36.31 -0.69 0.00	35.95 -0.34 0.00
ARTHUR KILL_GT_1 23520	39.27 2.04 0.00	41.98 2.02 0.00	47.65 2.08 0.00	44.19 1.98 0.00	45.48 2.00 0.00	44.84 2.12 0.00	61.47 2.97 0.00	61.05 3.45 0.00	76.45 4.01 -0.17	68.50 3.51 -2.00	64.40 3.53 -1.48	73.01 4.26 0.00	64.70 3.67 0.00	70.02 4.14 0.00	61.70 3.59 0.00	60.73 3.55 -3.75	78.43 4.02 -15.05	73.85 5.54 -2.37	61.29 4.51 0.00	61.68 4.27 0.00	54.93 4.00 0.00	63.53 3.58 -12.55	39.61 2.60 0.00	38.69 2.40 0.00
ARTHUR_KILL_2 23512	39.16 1.92 0.00	41.86 1.91 0.00	47.52 1.94 0.00	44.07 1.86 0.00	45.36 1.87 0.00	44.71 1.98 0.00	61.29 2.79 0.00	60.87 3.26 0.00	76.22 3.79 -0.17	68.31 3.32 -2.00	64.20 3.34 -1.48	72.79 4.03 0.00	64.50 3.48 0.00	69.79 3.91 0.00	61.51 3.39 0.00	60.55 3.37 -3.75	78.21 3.81 -15.05	73.62 5.31 -2.37	61.10 4.32 0.00	61.48 4.08 0.00	54.75 3.82 0.00	63.37 3.43 -12.55	39.49 2.49 0.00	38.58 2.29 0.00
ARTHUR_KILL_3 23513	38.88 1.64 0.00	41.55 1.60 0.00	47.14 1.56 0.00	43.73 1.51 0.00	45.03 1.55 0.00	44.40 1.68 0.00	60.83 2.32 0.00	60.52 2.91 0.00	75.90 3.46 -0.17	68.11 3.13 -2.00	63.99 3.12 -1.48	72.61 3.86 0.00	64.32 3.30 0.00	69.57 3.69 0.00	61.34 3.23 0.00	60.38 3.19 -3.76	77.99 3.58 -15.06	73.34 5.03 -2.38	60.85 4.07 0.00	61.20 3.79 0.00	54.50 3.56 0.00	63.14 3.19 -12.56	39.33 2.32 0.00	38.38 2.09 0.00

ARTHUR_KILL_COGEN 323718	39.27 2.04 0.00	41.98 2.02 0.00	47.65 2.08 0.00	44.19 1.98 0.00	45.48 2.00 0.00	44.84 2.12 0.00	61.47 2.97 0.00	61.05 3.45 0.00	76.45 4.01 -0.17	68.50 3.51 -2.00	64.40 3.53 -1.48	73.01 4.26 0.00	64.70 3.67 0.00	70.02 4.14 0.00	61.70 3.59 0.00	60.73 3.55 -3.75	78.43 4.02 -15.05	73.85 5.54 -2.37	61.29 4.51 0.00	61.68 4.27 0.00	54.93 4.00 0.00	63.53 3.58 -12.55	39.61 2.60 0.00	38.69 2.40 0.00
ASHOKAN____ 23654	39.69 2.45 0.00	42.46 2.50 0.00	48.26 2.68 0.00	44.76 2.55 0.00	46.14 2.66 0.00	45.44 2.72 0.00	62.40 3.90 0.00	62.02 4.42 0.00	77.90 5.63 0.00	67.88 4.89 0.00	64.18 4.80 0.00	74.40 5.65 0.00	65.97 4.94 0.00	71.36 5.48 0.00	62.93 4.81 0.00	58.03 4.60 0.00	64.82 5.47 0.00	72.83 6.90 0.00	62.53 5.75 0.00	62.88 5.48 0.00	55.76 4.83 0.00	51.59 4.19 0.00	40.03 3.02 0.00	39.02 2.73 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.07 1.84 0.00	41.78 1.83 0.00	47.45 1.88 0.00	44.01 1.80 0.00	45.25 1.77 0.00	44.65 1.92 0.00	61.19 2.68 0.00	60.95 3.34 0.00	76.39 3.95 -0.17	68.46 3.47 -2.00	64.44 3.58 -1.48	73.02 4.26 0.00	64.70 3.68 0.00	70.04 4.16 0.00	61.70 3.58 0.00	60.64 3.45 -3.75	78.32 3.92 -15.05	73.76 5.46 -2.37	61.20 4.43 0.00	61.58 4.18 0.00	54.79 3.86 0.00	63.34 3.40 -12.55	39.51 2.50 0.00	38.53 2.23 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.07 1.84 0.00	41.78 1.83 0.00	47.45 1.88 0.00	44.01 1.80 0.00	45.24 1.76 0.00	44.65 1.92 0.00	61.19 2.68 0.00	60.95 3.34 0.00	76.39 3.95 -0.17	68.46 3.47 -2.00	64.44 3.58 -1.48	73.02 4.27 0.00	64.70 3.68 0.00	70.04 4.16 0.00	61.70 3.58 0.00	60.64 3.45 -3.75	78.32 3.92 -15.05	73.76 5.46 -2.37	61.20 4.43 0.00	61.58 4.18 0.00	54.79 3.86 0.00	63.34 3.40 -12.55	39.51 2.50 0.00	38.53 2.23 0.00
ASTORIA_GT2_1 24094	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.93 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.75 3.73 0.00	70.08 4.20 0.00	61.73 3.61 0.00	60.67 3.48 -3.75	78.36 3.95 -15.05	73.82 5.51 -2.37	61.23 4.45 0.00	61.61 4.21 0.00	54.82 3.89 0.00	63.38 3.44 -12.55	39.52 2.51 0.00	38.54 2.25 0.00
ASTORIA_GT2_2 24095	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.93 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.75 3.73 0.00	70.08 4.20 0.00	61.73 3.61 0.00	60.67 3.48 -3.75	78.36 3.95 -15.05	73.82 5.51 -2.37	61.23 4.45 0.00	61.61 4.21 0.00	54.82 3.89 0.00	63.38 3.44 -12.55	39.52 2.51 0.00	38.54 2.25 0.00
ASTORIA_GT2_3 24096	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.93 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.75 3.73 0.00	70.08 4.20 0.00	61.73 3.61 0.00	60.67 3.48 -3.75	78.36 3.95 -15.05	73.82 5.51 -2.37	61.23 4.45 0.00	61.61 4.21 0.00	54.82 3.89 0.00	63.38 3.44 -12.55	39.52 2.51 0.00	38.54 2.25 0.00
ASTORIA_GT2_4 24097	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.93 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.75 3.73 0.00	70.08 4.20 0.00	61.73 3.61 0.00	60.67 3.48 -3.75	78.36 3.95 -15.05	73.82 5.51 -2.37	61.23 4.45 0.00	61.61 4.21 0.00	54.82 3.89 0.00	63.38 3.44 -12.55	39.52 2.51 0.00	38.54 2.25 0.00
ASTORIA_GT3_1 24098	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.93 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.75 3.73 0.00	70.08 4.20 0.00	61.73 3.61 0.00	60.67 3.48 -3.75	78.36 3.95 -15.05	73.82 5.51 -2.37	61.23 4.45 0.00	61.61 4.21 0.00	54.82 3.89 0.00	63.38 3.44 -12.55	39.52 2.51 0.00	38.54 2.25 0.00
ASTORIA_GT3_2 24099	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.93 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.75 3.73 0.00	70.08 4.20 0.00	61.73 3.61 0.00	60.67 3.48 -3.75	78.36 3.95 -15.05	73.82 5.51 -2.37	61.23 4.45 0.00	61.61 4.21 0.00	54.82 3.89 0.00	63.38 3.44 -12.55	39.52 2.51 0.00	38.54 2.25 0.00
ASTORIA_GT3_3 24100	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.93 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.75 3.73 0.00	70.08 4.20 0.00	61.73 3.61 0.00	60.67 3.48 -3.75	78.36 3.95 -15.05	73.82 5.51 -2.37	61.23 4.45 0.00	61.61 4.21 0.00	54.82 3.89 0.00	63.38 3.44 -12.55	39.52 2.51 0.00	38.54 2.25 0.00
ASTORIA_GT3_4 24101	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.93 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.75 3.73 0.00	70.08 4.20 0.00	61.73 3.61 0.00	60.67 3.48 -3.75	78.36 3.95 -15.05	73.82 5.51 -2.37	61.23 4.45 0.00	61.61 4.21 0.00	54.82 3.89 0.00	63.38 3.44 -12.55	39.52 2.51 0.00	38.54 2.25 0.00
ASTORIA_GT4_1 24102	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.93 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.75 3.73 0.00	70.08 4.20 0.00	61.73 3.61 0.00	60.67 3.48 -3.75	78.36 3.95 -15.05	73.82 5.51 -2.37	61.23 4.45 0.00	61.61 4.21 0.00	54.82 3.89 0.00	63.38 3.44 -12.55	39.52 2.51 0.00	38.54 2.25 0.00
ASTORIA_GT4_2 24103	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.93 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.75 3.73 0.00	70.08 4.20 0.00	61.73 3.61 0.00	60.67 3.48 -3.75	78.36 3.95 -15.05	73.82 5.51 -2.37	61.23 4.45 0.00	61.61 4.21 0.00	54.82 3.89 0.00	63.38 3.44 -12.55	39.52 2.51 0.00	38.54 2.25 0.00
ASTORIA_GT4_3 24104	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.93 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.75 3.73 0.00	70.08 4.20 0.00	61.73 3.61 0.00	60.67 3.48 -3.75	78.36 3.95 -15.05	73.82 5.51 -2.37	61.23 4.45 0.00	61.61 4.21 0.00	54.82 3.89 0.00	63.38 3.44 -12.55	39.52 2.51 0.00	38.54 2.25 0.00

ASTORIA_GT4_4 24105	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.93 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.75 3.73 0.00	70.08 4.20 0.00	61.73 3.61 0.00	60.67 3.48 -3.75	78.36 3.95 -15.05	73.82 5.51 -2.37	61.23 4.45 0.00	61.61 4.21 0.00	54.82 3.89 0.00	63.38 3.44 -12.55	39.52 2.51 0.00	38.54 2.25 0.00
ASTORIA_GT_1 23523	39.15 1.91 0.00	41.86 1.91 0.00	47.53 1.96 0.00	44.08 1.87 0.00	45.33 1.85 0.00	44.73 2.01 0.00	61.33 2.82 0.00	61.09 3.48 0.00	76.59 4.15 -0.17	68.63 3.64 -2.00	64.60 3.74 -1.48	73.20 4.44 0.00	64.88 3.85 0.00	70.22 4.34 0.00	61.85 3.73 0.00	60.77 3.59 -3.75	78.46 4.05 -15.05	73.93 5.62 -2.37	61.32 4.54 0.00	61.70 4.30 0.00	54.90 3.97 0.00	63.44 3.50 -12.55	39.58 2.57 0.00	38.59 2.30 0.00
ASTORIA_GT_10 24110	39.04 1.81 0.00	41.73 1.77 0.00	47.35 1.77 0.00	43.92 1.70 0.00	45.21 1.73 0.00	44.59 1.86 0.00	61.16 2.66 0.00	60.87 3.27 0.00	76.37 3.93 -0.17	68.43 3.44 -2.00	64.32 3.46 -1.48	72.93 4.18 0.00	64.59 3.57 0.00	69.90 4.02 0.00	61.60 3.49 0.00	60.59 3.41 -3.75	78.23 3.83 -15.05	73.59 5.29 -2.37	61.04 4.26 0.00	61.43 4.03 0.00	54.70 3.77 0.00	63.30 3.36 -12.55	39.43 2.42 0.00	38.46 2.16 0.00
ASTORIA_GT_11 24225	39.04 1.81 0.00	41.73 1.77 0.00	47.35 1.77 0.00	43.92 1.70 0.00	45.21 1.73 0.00	44.59 1.86 0.00	61.16 2.66 0.00	60.87 3.27 0.00	76.37 3.93 -0.17	68.43 3.44 -2.00	64.32 3.46 -1.48	72.93 4.18 0.00	64.59 3.57 0.00	69.90 4.02 0.00	61.60 3.49 0.00	60.59 3.41 -3.75	78.23 3.83 -15.05	73.59 5.29 -2.37	61.04 4.26 0.00	61.43 4.03 0.00	54.70 3.77 0.00	63.30 3.36 -12.55	39.43 2.42 0.00	38.46 2.16 0.00
ASTORIA_GT_12 24226	39.04 1.81 0.00	41.73 1.77 0.00	47.35 1.77 0.00	43.92 1.70 0.00	45.21 1.73 0.00	44.59 1.86 0.00	61.16 2.66 0.00	60.87 3.27 0.00	76.37 3.93 -0.17	68.43 3.44 -2.00	64.32 3.46 -1.48	72.93 4.18 0.00	64.59 3.57 0.00	69.90 4.02 0.00	61.60 3.49 0.00	60.59 3.41 -3.75	78.23 3.83 -15.05	73.59 5.29 -2.37	61.04 4.26 0.00	61.43 4.03 0.00	54.70 3.77 0.00	63.30 3.36 -12.55	39.43 2.42 0.00	38.46 2.16 0.00
ASTORIA_GT_13 24227	39.04 1.81 0.00	41.73 1.77 0.00	47.35 1.77 0.00	43.92 1.70 0.00	45.21 1.73 0.00	44.59 1.86 0.00	61.16 2.66 0.00	60.87 3.27 0.00	76.37 3.93 -0.17	68.43 3.44 -2.00	64.32 3.46 -1.48	72.93 4.18 0.00	64.59 3.57 0.00	69.90 4.02 0.00	61.60 3.49 0.00	60.59 3.41 -3.75	78.23 3.83 -15.05	73.59 5.29 -2.37	61.04 4.26 0.00	61.43 4.03 0.00	54.70 3.77 0.00	63.30 3.36 -12.55	39.43 2.42 0.00	38.46 2.16 0.00
ASTORIA_GT_5 24106	39.15 1.92 0.00	41.86 1.91 0.00	47.54 1.96 0.00	44.08 1.87 0.00	45.33 1.85 0.00	44.73 2.01 0.00	61.33 2.83 0.00	61.09 3.49 0.00	76.59 4.15 -0.17	68.62 3.63 -2.00	64.60 3.74 -1.48	73.20 4.45 0.00	64.88 3.85 0.00	70.22 4.34 0.00	61.84 3.73 0.00	60.77 3.59 -3.75	78.46 4.05 -15.05	73.94 5.63 -2.37	61.31 4.54 0.00	61.69 4.29 0.00	54.90 3.97 0.00	63.44 3.50 -12.55	39.58 2.57 0.00	38.59 2.30 0.00
ASTORIA_GT_7 24107	39.15 1.92 0.00	41.86 1.91 0.00	47.54 1.96 0.00	44.08 1.87 0.00	45.33 1.85 0.00	44.73 2.01 0.00	61.33 2.83 0.00	61.09 3.49 0.00	76.59 4.15 -0.17	68.62 3.63 -2.00	64.60 3.74 -1.48	73.20 4.45 0.00	64.88 3.85 0.00	70.22 4.34 0.00	61.84 3.73 0.00	60.77 3.59 -3.75	78.46 4.05 -15.05	73.94 5.63 -2.37	61.31 4.54 0.00	61.69 4.29 0.00	54.90 3.97 0.00	63.44 3.50 -12.55	39.58 2.57 0.00	38.59 2.30 0.00
ASTORIA_GT_8 24108	39.15 1.92 0.00	41.86 1.91 0.00	47.54 1.96 0.00	44.08 1.87 0.00	45.33 1.85 0.00	44.73 2.01 0.00	61.33 2.83 0.00	61.09 3.49 0.00	76.59 4.15 -0.17	68.62 3.63 -2.00	64.60 3.74 -1.48	73.20 4.45 0.00	64.88 3.85 0.00	70.22 4.34 0.00	61.84 3.73 0.00	60.77 3.59 -3.75	78.46 4.05 -15.05	73.94 5.63 -2.37	61.31 4.54 0.00	61.69 4.29 0.00	54.90 3.97 0.00	63.44 3.50 -12.55	39.58 2.57 0.00	38.59 2.30 0.00
ASTORIA___2 24149	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.94 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.44 4.00 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.75 3.73 0.00	70.08 4.20 0.00	61.73 3.61 0.00	60.67 3.48 -3.75	78.36 3.95 -15.05	73.81 5.51 -2.37	61.23 4.45 0.00	61.60 4.20 0.00	54.82 3.89 0.00	63.37 3.43 -12.55	39.52 2.51 0.00	38.54 2.25 0.00
ASTORIA___3 23516	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.94 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.44 4.00 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.71 3.68 0.00	69.90 4.02 0.00	61.60 3.49 0.00	60.59 3.41 -3.75	78.24 3.83 -15.05	73.59 5.28 -2.37	61.04 4.27 0.00	61.43 4.02 0.00	54.70 3.77 0.00	63.30 3.36 -12.55	39.44 2.43 0.00	38.46 2.16 0.00
ASTORIA___4 23517	39.09 1.85 0.00	41.80 1.85 0.00	47.47 1.89 0.00	44.02 1.81 0.00	45.26 1.78 0.00	44.66 1.93 0.00	61.24 2.73 0.00	60.98 3.37 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.48 3.61 -1.48	73.06 4.31 0.00	64.71 3.68 0.00	69.90 4.02 0.00	61.61 3.50 0.00	60.59 3.41 -3.75	78.23 3.83 -15.05	73.59 5.29 -2.37	61.04 4.26 0.00	61.43 4.03 0.00	54.70 3.77 0.00	63.30 3.36 -12.55	39.43 2.42 0.00	38.46 2.16 0.00
ASTORIA___5 23518	39.04 1.81 0.00	41.73 1.77 0.00	47.35 1.77 0.00	43.92 1.70 0.00	45.21 1.73 0.00	44.59 1.86 0.00	61.16 2.66 0.00	60.87 3.26 0.00	76.36 3.93 -0.17	68.43 3.44 -2.00	64.32 3.46 -1.48	72.93 4.18 0.00	64.59 3.56 0.00	69.90 4.02 0.00	61.60 3.49 0.00	60.59 3.41 -3.75	78.24 3.83 -15.05	73.59 5.28 -2.37	61.04 4.27 0.00	61.43 4.02 0.00	54.70 3.77 0.00	63.30 3.36 -12.55	39.44 2.43 0.00	38.46 2.16 0.00
AST_ENERGY_2_CC3 323677	39.05 1.82 0.00	41.75 1.79 0.00	47.35 1.77 0.00	43.92 1.71 0.00	45.24 1.76 0.00	44.62 1.89 0.00	61.17 2.67 0.00	60.88 3.27 0.00	76.39 3.95 -0.17	68.49 3.50 -2.00	64.41 3.54 -1.48	73.05 4.30 0.00	64.71 3.68 0.00	70.00 4.12 0.00	61.71 3.60 0.00	60.69 3.50 -3.76	78.36 3.95 -15.06	73.71 5.40 -2.38	61.16 4.38 0.00	61.51 4.11 0.00	54.75 3.82 0.00	63.36 3.41 -12.56	39.48 2.48 0.00	38.52 2.23 0.00
AST_ENERGY_2_CC4 323678	39.05 1.82 0.00	41.75 1.79 0.00	47.35 1.77 0.00	43.92 1.71 0.00	45.24 1.76 0.00	44.62 1.89 0.00	61.17 2.67 0.00	60.88 3.27 0.00	76.39 3.95 -0.17	68.49 3.50 -2.00	64.41 3.54 -1.48	73.05 4.30 0.00	64.71 3.68 0.00	70.00 4.12 0.00	61.71 3.60 0.00	60.69 3.50 -3.76	78.36 3.95 -15.06	73.71 5.40 -2.38	61.16 4.38 0.00	61.51 4.11 0.00	54.75 3.82 0.00	63.36 3.41 -12.56	39.48 2.48 0.00	38.52 2.23 0.00

ATHENS_STG_1 23668	38.26 1.03 0.00	41.07 1.11 0.00	46.76 1.18 0.00	43.33 1.12 0.00	44.59 1.11 0.00	43.74 1.02 0.00	59.84 1.34 0.00	59.20 1.59 0.00	74.26 1.93 -0.06	65.34 1.63 -0.72	61.60 1.68 -0.53	70.78 2.03 0.00	62.73 1.70 0.00	67.89 2.02 0.00	59.82 1.71 0.00	56.46 1.67 -1.36	66.73 1.92 -5.46	69.54 2.75 -0.86	59.04 2.26 0.00	59.56 2.16 0.00	52.91 1.98 0.00	53.64 1.74 -4.51	38.30 1.30 0.00	37.50 1.21 0.00
ATHENS_STG_2 23670	38.26 1.03 0.00	41.07 1.11 0.00	46.76 1.18 0.00	43.33 1.12 0.00	44.59 1.11 0.00	43.74 1.02 0.00	59.84 1.34 0.00	59.20 1.59 0.00	74.26 1.93 -0.06	65.34 1.63 -0.72	61.60 1.68 -0.53	70.78 2.03 0.00	62.73 1.70 0.00	67.89 2.02 0.00	59.82 1.71 0.00	56.46 1.67 -1.36	66.73 1.92 -5.46	69.54 2.75 -0.86	59.04 2.26 0.00	59.56 2.16 0.00	52.91 1.98 0.00	53.64 1.74 -4.51	38.30 1.30 0.00	37.50 1.21 0.00
ATHENS_STG_3 23677	38.26 1.03 0.00	41.07 1.11 0.00	46.76 1.18 0.00	43.33 1.12 0.00	44.59 1.11 0.00	43.74 1.02 0.00	59.84 1.34 0.00	59.20 1.59 0.00	74.26 1.93 -0.06	65.34 1.63 -0.72	61.60 1.68 -0.53	70.78 2.03 0.00	62.73 1.70 0.00	67.89 2.02 0.00	59.82 1.71 0.00	56.46 1.67 -1.36	66.73 1.92 -5.46	69.54 2.75 -0.86	59.04 2.26 0.00	59.56 2.16 0.00	52.91 1.98 0.00	53.64 1.74 -4.51	38.30 1.30 0.00	37.50 1.21 0.00
AUBURN___LFGE 323710	36.90 -0.34 0.00	39.43 -0.53 0.00	45.02 -0.56 0.00	41.75 -0.46 0.00	43.24 -0.24 0.00	42.40 -0.32 0.00	58.24 -0.27 0.00	57.51 -0.09 0.00	72.11 -0.15 0.00	62.53 -0.45 0.00	59.01 -0.38 0.00	68.25 -0.50 0.00	60.36 -0.67 0.00	65.25 -0.63 0.00	58.06 -0.05 0.00	53.13 -0.30 0.00	59.12 -0.24 0.00	65.96 0.03 0.00	56.71 -0.07 0.00	57.29 -0.11 0.00	50.73 -0.20 0.00	47.05 -0.34 0.00	36.85 -0.16 0.00	36.16 -0.13 0.00
BABYLON_RES_REC 323704	39.63 2.40 0.00	42.29 2.33 0.00	47.90 2.33 0.00	44.45 2.24 0.00	45.78 2.30 0.00	45.33 2.61 0.00	61.90 3.40 0.00	61.67 4.06 0.00	76.96 4.52 -0.17	68.77 3.79 -2.00	65.15 4.28 -1.48	73.87 5.12 0.00	65.58 4.55 0.00	70.93 5.05 0.00	62.62 4.50 0.00	61.53 4.35 -3.75	79.09 4.71 -15.03	74.71 6.40 -2.37	62.25 5.47 0.00	62.91 5.50 0.00	55.84 4.90 0.00	64.10 4.18 -12.53	40.03 3.03 0.00	38.94 2.65 0.00
BABYLON___69_KV_BK2 356345	40.03 2.80 0.00	42.69 2.73 0.00	48.35 2.77 0.00	44.86 2.65 0.00	46.22 2.75 0.00	45.80 3.08 0.00	62.54 4.03 0.00	62.30 4.70 0.00	77.72 5.28 -0.17	69.23 4.25 -2.00	65.73 4.87 -1.48	74.56 5.81 0.00	66.25 5.22 0.00	71.64 5.76 0.00	63.22 5.11 0.00	62.01 4.83 -3.75	79.64 5.26 -15.03	75.36 7.06 -2.37	62.87 6.10 0.00	63.71 6.31 0.00	56.53 5.59 0.00	64.68 4.77 -12.53	40.47 3.45 0.00	39.33 3.04 0.00
BALL_HILL_WT_PWR 323825	35.15 -2.08 0.00	37.64 -2.32 0.00	43.31 -2.27 0.00	39.96 -2.25 0.00	41.45 -2.03 0.00	40.89 -1.83 0.00	56.24 -2.26 0.00	53.89 -2.56 1.15	45.73 -2.27 24.26	60.16 -2.83 0.00	56.85 -2.54 0.00	65.60 -3.16 0.00	58.14 -2.88 0.00	62.71 -3.17 0.00	55.79 -2.33 0.00	51.33 -2.10 0.00	56.91 -2.45 0.00	63.12 -2.81 0.00	53.67 -3.11 0.00	54.34 -3.06 0.00	48.02 -2.92 0.00	45.23 -2.16 0.00	35.79 -1.21 0.00	35.44 -0.85 0.00
BARON_WINDS___WT_PWR 323822	35.33 -1.91 0.00	38.21 -1.75 0.00	44.01 -1.57 0.00	40.60 -1.61 0.00	42.30 -1.18 0.00	41.19 -1.53 0.00	56.94 -1.57 0.00	57.04 -1.32 -0.75	86.72 -1.42 -15.87	61.33 -1.66 0.00	57.77 -1.62 0.00	66.78 -1.97 0.00	58.95 -2.07 0.00	63.38 -2.50 0.00	56.17 -1.94 0.00	51.15 -2.28 0.00	56.91 -2.45 0.00	63.45 -2.48 0.00	53.88 -2.89 0.00	54.08 -3.32 0.00	47.58 -3.35 0.00	44.63 -2.76 0.00	35.05 -1.96 0.00	34.52 -1.77 0.00
BARRETT_IC_1 23704	39.19 1.96 0.00	41.91 1.95 0.00	47.50 1.92 0.00	44.08 1.87 0.00	45.34 1.86 0.00	44.79 2.07 0.00	61.19 2.68 0.00	60.87 3.26 0.00	76.07 3.64 -0.17	68.11 3.12 -2.00	64.38 3.52 -1.48	72.94 4.19 0.00	64.72 3.69 0.00	69.98 4.10 0.00	61.77 3.66 0.00	60.73 3.55 -3.75	78.08 3.70 -15.03	73.78 5.47 -2.37	61.41 4.64 0.00	61.97 4.56 0.00	55.05 4.12 0.00	63.53 3.61 -12.53	39.65 2.65 0.00	38.62 2.33 0.00
BARRETT_IC_10 23701	39.19 1.96 0.00	41.91 1.95 0.00	47.50 1.92 0.00	44.08 1.87 0.00	45.34 1.86 0.00	44.79 2.07 0.00	61.19 2.68 0.00	60.87 3.26 0.00	76.07 3.64 -0.17	68.11 3.12 -2.00	64.38 3.52 -1.48	72.94 4.19 0.00	64.72 3.69 0.00	69.98 4.10 0.00	61.77 3.66 0.00	60.73 3.55 -3.75	78.08 3.70 -15.03	73.78 5.47 -2.37	61.41 4.64 0.00	61.97 4.56 0.00	55.05 4.12 0.00	63.53 3.61 -12.53	39.65 2.65 0.00	38.62 2.33 0.00
BARRETT_IC_11 23702	39.19 1.96 0.00	41.91 1.95 0.00	47.50 1.92 0.00	44.08 1.87 0.00	45.34 1.86 0.00	44.79 2.07 0.00	61.19 2.68 0.00	60.87 3.26 0.00	76.07 3.64 -0.17	68.11 3.12 -2.00	64.38 3.52 -1.48	72.94 4.19 0.00	64.72 3.69 0.00	69.98 4.10 0.00	61.77 3.66 0.00	60.73 3.55 -3.75	78.08 3.70 -15.03	73.78 5.47 -2.37	61.41 4.64 0.00	61.97 4.56 0.00	55.05 4.12 0.00	63.53 3.61 -12.53	39.65 2.65 0.00	38.62 2.33 0.00
BARRETT_IC_12 23703	39.19 1.96 0.00	41.91 1.95 0.00	47.50 1.92 0.00	44.08 1.87 0.00	45.34 1.86 0.00	44.79 2.07 0.00	61.19 2.68 0.00	60.87 3.26 0.00	76.07 3.64 -0.17	68.11 3.12 -2.00	64.38 3.52 -1.48	72.94 4.19 0.00	64.72 3.69 0.00	69.98 4.10 0.00	61.77 3.66 0.00	60.73 3.55 -3.75	78.08 3.70 -15.03	73.78 5.47 -2.37	61.41 4.64 0.00	61.97 4.56 0.00	55.05 4.12 0.00	63.53 3.61 -12.53	39.65 2.65 0.00	38.62 2.33 0.00
BARRETT_IC_2 23705	39.19 1.96 0.00	41.91 1.95 0.00	47.50 1.92 0.00	44.08 1.87 0.00	45.34 1.86 0.00	44.79 2.07 0.00	61.19 2.68 0.00	60.87 3.26 0.00	76.07 3.64 -0.17	68.11 3.12 -2.00	64.38 3.52 -1.48	72.94 4.19 0.00	64.72 3.69 0.00	69.98 4.10 0.00	61.77 3.66 0.00	60.73 3.55 -3.75	78.08 3.70 -15.03	73.78 5.47 -2.37	61.41 4.64 0.00	61.97 4.56 0.00	55.05 4.12 0.00	63.53 3.61 -12.53	39.65 2.65 0.00	38.62 2.33 0.00
BARRETT_IC_3 23706	39.19 1.96 0.00	41.91 1.95 0.00	47.50 1.92 0.00	44.08 1.87 0.00	45.34 1.86 0.00	44.79 2.07 0.00	61.19 2.68 0.00	60.87 3.26 0.00	76.07 3.64 -0.17	68.11 3.12 -2.00	64.38 3.52 -1.48	72.94 4.19 0.00	64.72 3.69 0.00	69.98 4.10 0.00	61.77 3.66 0.00	60.73 3.55 -3.75	78.08 3.70 -15.03	73.78 5.47 -2.37	61.41 4.64 0.00	61.97 4.56 0.00	55.05 4.12 0.00	63.53 3.61 -12.53	39.65 2.65 0.00	38.62 2.33 0.00
BARRETT_IC_4 23707	39.19 1.96 0.00	41.91 1.95 0.00	47.50 1.92 0.00	44.08 1.87 0.00	45.34 1.86 0.00	44.79 2.07 0.00	61.19 2.68 0.00	60.87 3.26 0.00	76.07 3.64 -0.17	68.11 3.12 -2.00	64.38 3.52 -1.48	72.94 4.19 0.00	64.72 3.69 0.00	69.98 4.10 0.00	61.77 3.66 0.00	60.73 3.55 -3.75	78.08 3.70 -15.03	73.78 5.47 -2.37	61.41 4.64 0.00	61.97 4.56 0.00	55.05 4.12 0.00	63.53 3.61 -12.53	39.65 2.65 0.00	38.62 2.33 0.00

BARRETT_IC_5 23708	39.19 1.96 0.00	41.91 1.95 0.00	47.50 1.92 0.00	44.08 1.87 0.00	45.34 1.86 0.00	44.79 2.07 0.00	61.19 2.68 0.00	60.87 3.26 0.00	76.07 3.64 -0.17	68.11 3.12 -2.00	64.38 3.52 -1.48	72.94 4.19 0.00	64.72 3.69 0.00	69.98 4.10 0.00	61.77 3.66 0.00	60.73 3.55 -3.75	78.08 3.70 -15.03	73.78 5.47 -2.37	61.41 4.64 0.00	61.97 4.56 0.00	55.05 4.12 0.00	63.53 3.61 -12.53	39.65 2.65 0.00	38.62 2.33 0.00
BARRETT_IC_6 23709	39.19 1.96 0.00	41.91 1.95 0.00	47.50 1.92 0.00	44.08 1.87 0.00	45.34 1.86 0.00	44.79 2.07 0.00	61.19 2.68 0.00	60.87 3.26 0.00	76.07 3.64 -0.17	68.11 3.12 -2.00	64.38 3.52 -1.48	72.94 4.19 0.00	64.72 3.69 0.00	69.98 4.10 0.00	61.77 3.66 0.00	60.73 3.55 -3.75	78.08 3.70 -15.03	73.78 5.47 -2.37	61.41 4.64 0.00	61.97 4.56 0.00	55.05 4.12 0.00	63.53 3.61 -12.53	39.65 2.65 0.00	38.62 2.33 0.00
BARRETT_IC_7 23710	39.19 1.96 0.00	41.91 1.95 0.00	47.50 1.92 0.00	44.07 1.86 0.00	45.34 1.86 0.00	44.79 2.07 0.00	61.19 2.68 0.00	60.88 3.27 0.00	76.07 3.64 -0.17	68.11 3.12 -2.00	64.38 3.51 -1.48	72.94 4.19 0.00	64.72 3.69 0.00	69.98 4.10 0.00	61.77 3.66 0.00	60.73 3.55 -3.75	78.08 3.70 -15.03	73.77 5.47 -2.37	61.41 4.64 0.00	61.98 4.57 0.00	55.05 4.12 0.00	63.53 3.61 -12.53	39.65 2.65 0.00	38.62 2.33 0.00
BARRETT_IC_8 23711	39.19 1.96 0.00	41.91 1.95 0.00	47.50 1.92 0.00	44.08 1.87 0.00	45.34 1.86 0.00	44.79 2.07 0.00	61.19 2.68 0.00	60.87 3.26 0.00	76.07 3.64 -0.17	68.11 3.12 -2.00	64.38 3.52 -1.48	72.94 4.19 0.00	64.72 3.69 0.00	69.98 4.10 0.00	61.77 3.66 0.00	60.73 3.55 -3.75	78.08 3.70 -15.03	73.78 5.47 -2.37	61.41 4.64 0.00	61.97 4.56 0.00	55.05 4.12 0.00	63.53 3.61 -12.53	39.65 2.65 0.00	38.62 2.33 0.00
BARRETT_IC_9 23700	39.19 1.96 0.00	41.91 1.95 0.00	47.50 1.92 0.00	44.08 1.87 0.00	45.34 1.86 0.00	44.79 2.07 0.00	61.19 2.68 0.00	60.87 3.26 0.00	76.07 3.64 -0.17	68.11 3.12 -2.00	64.38 3.52 -1.48	72.94 4.19 0.00	64.72 3.69 0.00	69.98 4.10 0.00	61.77 3.66 0.00	60.73 3.55 -3.75	78.08 3.70 -15.03	73.78 5.47 -2.37	61.41 4.64 0.00	61.97 4.56 0.00	55.05 4.12 0.00	63.53 3.61 -12.53	39.65 2.65 0.00	38.62 2.33 0.00
BARRETT___1 23545	39.19 1.96 0.00	41.91 1.95 0.00	47.50 1.92 0.00	44.08 1.87 0.00	45.34 1.86 0.00	44.79 2.07 0.00	61.19 2.68 0.00	60.87 3.26 0.00	76.07 3.64 -0.17	68.11 3.12 -2.00	64.38 3.52 -1.48	72.94 4.19 0.00	64.72 3.69 0.00	69.98 4.10 0.00	61.77 3.66 0.00	60.73 3.55 -3.75	78.08 3.70 -15.03	73.78 5.47 -2.37	61.41 4.64 0.00	61.97 4.56 0.00	55.05 4.12 0.00	63.53 3.61 -12.53	39.65 2.65 0.00	38.62 2.33 0.00
BARRETT___2 23546	39.19 1.96 0.00	41.91 1.95 0.00	47.50 1.92 0.00	44.08 1.87 0.00	45.34 1.86 0.00	44.79 2.07 0.00	61.19 2.68 0.00	60.87 3.26 0.00	76.07 3.64 -0.17	68.11 3.12 -2.00	64.38 3.52 -1.48	72.94 4.19 0.00	64.72 3.69 0.00	69.98 4.10 0.00	61.77 3.66 0.00	60.73 3.55 -3.75	78.08 3.70 -15.03	73.78 5.47 -2.37	61.41 4.64 0.00	61.97 4.56 0.00	55.05 4.12 0.00	63.53 3.61 -12.53	39.65 2.65 0.00	38.62 2.33 0.00
BATAVIA__115KV_TB1 55881	36.01 -1.22 0.00	38.45 -1.51 0.00	44.11 -1.46 0.00	40.71 -1.51 0.00	42.15 -1.33 0.00	41.55 -1.18 0.00	56.96 -1.55 0.00	55.74 -1.86 0.00	70.96 -1.31 0.00	61.10 -1.89 0.00	57.67 -1.72 0.00	66.34 -2.41 0.00	58.78 -2.24 0.00	63.74 -2.14 0.00	56.59 -1.52 0.00	52.20 -1.23 0.00	57.99 -1.37 0.00	64.31 -1.62 0.00	54.85 -1.93 0.00	55.36 -2.04 0.00	48.86 -2.08 0.00	45.86 -1.53 0.00	36.09 -0.92 0.00	35.66 -0.64 0.00
BAYONEEC___CTG1 323682	39.01 1.78 0.00	41.69 1.73 0.00	47.29 1.72 0.00	43.86 1.65 0.00	45.17 1.69 0.00	44.55 1.83 0.00	61.08 2.57 0.00	60.77 3.16 0.00	76.24 3.80 -0.17	68.37 3.38 -2.00	64.27 3.40 -1.48	72.89 4.14 0.00	64.57 3.55 0.00	69.85 3.97 0.00	61.58 3.47 0.00	60.59 3.40 -3.76	78.24 3.82 -15.06	73.59 5.28 -2.38	61.06 4.28 0.00	61.41 4.00 0.00	54.68 3.75 0.00	63.30 3.36 -12.56	39.44 2.43 0.00	38.48 2.19 0.00
BAYONEEC___CTG10 323750	39.01 1.78 0.00	41.69 1.73 0.00	47.29 1.72 0.00	43.86 1.65 0.00	45.17 1.69 0.00	44.55 1.83 0.00	61.08 2.57 0.00	60.77 3.16 0.00	76.24 3.80 -0.17	68.37 3.38 -2.00	64.27 3.40 -1.48	72.89 4.14 0.00	64.57 3.55 0.00	69.85 3.97 0.00	61.58 3.47 0.00	60.59 3.40 -3.76	78.24 3.82 -15.06	73.59 5.28 -2.38	61.06 4.28 0.00	61.41 4.00 0.00	54.68 3.75 0.00	63.30 3.36 -12.56	39.44 2.43 0.00	38.48 2.19 0.00
BAYONEEC___CTG2 323683	39.01 1.78 0.00	41.69 1.73 0.00	47.29 1.72 0.00	43.86 1.65 0.00	45.17 1.69 0.00	44.55 1.83 0.00	61.08 2.57 0.00	60.77 3.16 0.00	76.24 3.80 -0.17	68.37 3.38 -2.00	64.27 3.40 -1.48	72.89 4.14 0.00	64.57 3.55 0.00	69.85 3.97 0.00	61.58 3.47 0.00	60.59 3.40 -3.76	78.24 3.82 -15.06	73.59 5.28 -2.38	61.06 4.28 0.00	61.41 4.00 0.00	54.68 3.75 0.00	63.30 3.36 -12.56	39.44 2.43 0.00	38.48 2.19 0.00
BAYONEEC___CTG3 323684	39.01 1.78 0.00	41.69 1.73 0.00	47.29 1.72 0.00	43.86 1.65 0.00	45.17 1.69 0.00	44.55 1.83 0.00	61.08 2.57 0.00	60.77 3.16 0.00	76.24 3.80 -0.17	68.37 3.38 -2.00	64.27 3.40 -1.48	72.89 4.14 0.00	64.57 3.55 0.00	69.85 3.97 0.00	61.58 3.47 0.00	60.59 3.40 -3.76	78.24 3.82 -15.06	73.59 5.28 -2.38	61.06 4.28 0.00	61.41 4.00 0.00	54.68 3.75 0.00	63.30 3.36 -12.56	39.44 2.43 0.00	38.48 2.19 0.00
BAYONEEC___CTG4 323685	39.01 1.78 0.00	41.69 1.73 0.00	47.29 1.72 0.00	43.86 1.65 0.00	45.17 1.69 0.00	44.55 1.83 0.00	61.08 2.57 0.00	60.77 3.16 0.00	76.24 3.80 -0.17	68.37 3.38 -2.00	64.27 3.40 -1.48	72.89 4.14 0.00	64.57 3.55 0.00	69.85 3.97 0.00	61.58 3.47 0.00	60.59 3.40 -3.76	78.24 3.82 -15.06	73.59 5.28 -2.38	61.06 4.28 0.00	61.41 4.00 0.00	54.68 3.75 0.00	63.30 3.36 -12.56	39.44 2.43 0.00	38.48 2.19 0.00
BAYONEEC___CTG5 323686	39.01 1.78 0.00	41.69 1.73 0.00	47.29 1.72 0.00	43.86 1.65 0.00	45.17 1.69 0.00	44.55 1.83 0.00	61.08 2.57 0.00	60.77 3.16 0.00	76.24 3.80 -0.17	68.37 3.38 -2.00	64.27 3.40 -1.48	72.89 4.14 0.00	64.57 3.55 0.00	69.85 3.97 0.00	61.58 3.47 0.00	60.59 3.40 -3.76	78.24 3.82 -15.06	73.59 5.28 -2.38	61.06 4.28 0.00	61.41 4.00 0.00	54.68 3.75 0.00	63.30 3.36 -12.56	39.44 2.43 0.00	38.48 2.19 0.00
BAYONEEC___CTG6 323687	39.01 1.78 0.00	41.69 1.73 0.00	47.29 1.72 0.00	43.86 1.65 0.00	45.17 1.69 0.00	44.55 1.83 0.00	61.08 2.57 0.00	60.77 3.16 0.00	76.24 3.80 -0.17	68.37 3.38 -2.00	64.27 3.40 -1.48	72.89 4.14 0.00	64.57 3.55 0.00	69.85 3.97 0.00	61.58 3.47 0.00	60.59 3.40 -3.76	78.24 3.82 -15.06	73.59 5.28 -2.38	61.06 4.28 0.00	61.41 4.00 0.00	54.68 3.75 0.00	63.30 3.36 -12.56	39.44 2.43 0.00	38.48 2.19 0.00

BAYONEEC___CTG7 323688	39.01 1.78 0.00	41.69 1.73 0.00	47.29 1.72 0.00	43.86 1.65 0.00	45.17 1.69 0.00	44.55 1.83 0.00	61.08 2.57 0.00	60.77 3.16 0.00	76.24 3.80 -0.17	68.37 3.38 -2.00	64.27 3.40 -1.48	72.89 4.14 0.00	64.57 3.55 0.00	69.85 3.97 0.00	61.58 3.47 0.00	60.59 3.40 -3.76	78.24 3.82 -15.06	73.59 5.28 -2.38	61.06 4.28 0.00	61.41 4.00 0.00	54.68 3.75 0.00	63.30 3.36 -12.56	39.44 2.43 0.00	38.48 2.19 0.00
BAYONEEC___CTG8 323689	39.01 1.78 0.00	41.69 1.73 0.00	47.29 1.72 0.00	43.86 1.65 0.00	45.17 1.69 0.00	44.55 1.83 0.00	61.08 2.57 0.00	60.77 3.16 0.00	76.24 3.80 -0.17	68.37 3.38 -2.00	64.27 3.40 -1.48	72.89 4.14 0.00	64.57 3.55 0.00	69.85 3.97 0.00	61.58 3.47 0.00	60.59 3.40 -3.76	78.24 3.82 -15.06	73.59 5.28 -2.38	61.06 4.28 0.00	61.41 4.00 0.00	54.68 3.75 0.00	63.30 3.36 -12.56	39.44 2.43 0.00	38.48 2.19 0.00
BAYONEEC___CTG9 323749	39.01 1.78 0.00	41.69 1.73 0.00	47.29 1.72 0.00	43.86 1.65 0.00	45.17 1.69 0.00	44.55 1.83 0.00	61.08 2.57 0.00	60.77 3.16 0.00	76.24 3.80 -0.17	68.37 3.38 -2.00	64.27 3.40 -1.48	72.89 4.14 0.00	64.57 3.55 0.00	69.85 3.97 0.00	61.58 3.47 0.00	60.59 3.40 -3.76	78.24 3.82 -15.06	73.59 5.28 -2.38	61.06 4.28 0.00	61.41 4.00 0.00	54.68 3.75 0.00	63.30 3.36 -12.56	39.44 2.43 0.00	38.48 2.19 0.00
BEACON___LESR 323632	38.53 1.29 0.00	41.28 1.33 0.00	46.81 1.23 0.00	43.60 1.39 0.00	44.83 1.34 0.00	44.08 1.36 0.00	60.12 1.62 0.00	59.30 1.70 0.00	74.45 2.14 -0.04	65.22 1.80 -0.44	61.55 1.85 -0.32	70.96 2.21 0.00	62.89 1.86 0.00	68.20 2.32 0.00	59.91 1.80 0.00	56.04 1.79 -0.82	64.82 2.18 -3.28	69.51 3.06 -0.52	59.30 2.52 0.00	59.84 2.43 0.00	53.08 2.15 0.00	52.09 1.96 -2.74	38.59 1.59 0.00	37.80 1.51 0.00
BEAVER RIVER___HYD 24048	36.34 -0.90 0.00	39.39 -0.57 0.00	45.21 -0.37 0.00	41.97 -0.24 0.00	43.25 -0.23 0.00	42.69 -0.03 0.00	58.95 0.44 0.00	57.97 0.37 0.00	72.25 -0.02 0.00	63.08 0.09 0.00	58.56 -0.83 0.00	68.04 -0.71 0.00	60.21 -0.82 0.00	64.05 -1.83 0.00	56.19 -1.93 0.00	51.90 -1.53 0.00	57.51 -1.84 0.00	63.19 -2.74 0.00	53.89 -2.89 0.00	54.30 -3.10 0.00	48.02 -2.91 0.00	44.47 -2.92 0.00	34.71 -2.29 0.00	34.16 -2.13 0.00
BEEBEE_GT_13 23619	35.62 -1.62 0.00	38.08 -1.88 0.00	43.61 -1.97 0.00	40.28 -1.94 0.00	41.59 -1.88 0.00	40.96 -1.77 0.00	56.18 -2.32 0.00	55.09 -2.52 0.00	69.74 -2.53 0.00	60.34 -2.65 0.00	56.97 -2.42 0.00	65.76 -2.99 0.00	58.38 -2.65 0.00	63.06 -2.82 0.00	55.86 -2.25 0.00	51.46 -1.97 0.00	57.18 -2.17 0.00	63.51 -2.42 0.00	54.30 -2.47 0.00	54.83 -2.57 0.00	48.48 -2.45 0.00	45.32 -2.07 0.00	35.58 -1.43 0.00	35.05 -1.25 0.00
BENSHRST_27_KV_BENSHRST_1 355998	39.46 2.22 0.00	42.15 2.19 0.00	47.83 2.24 0.00	44.35 2.13 0.00	45.65 2.17 0.00	45.01 2.29 0.00	61.78 3.28 0.00	61.45 3.84 0.00	77.08 4.64 -0.17	69.06 4.07 -2.00	64.96 4.09 -1.48	73.65 4.90 0.00	65.26 4.24 0.00	70.61 4.73 0.00	62.24 4.12 0.00	61.22 4.03 -3.75	78.97 4.57 -15.05	74.43 6.13 -2.37	61.78 5.00 0.00	62.16 4.76 0.00	55.33 4.40 0.00	63.90 3.96 -12.55	39.87 2.86 0.00	38.90 2.61 0.00
BETHLEHEM___GRP 23843	37.93 0.69 0.00	40.73 0.78 0.00	46.31 0.73 0.00	43.05 0.83 0.00	44.22 0.74 0.00	43.38 0.65 0.00	58.82 0.31 0.00	58.05 0.45 0.00	72.87 0.57 -0.04	63.87 0.45 -0.44	60.22 0.51 -0.32	69.45 0.69 0.00	61.57 0.54 0.00	66.70 0.83 0.00	58.69 0.57 0.00	54.92 0.67 -0.82	63.47 0.85 -3.28	67.92 1.47 -0.52	57.96 1.18 0.00	58.48 1.08 0.00	51.93 1.00 0.00	51.03 0.90 -2.73	37.89 0.88 0.00	37.14 0.85 0.00
BETHLEHEM___GS1 323560	37.93 0.69 0.00	40.73 0.78 0.00	46.31 0.73 0.00	43.05 0.83 0.00	44.22 0.74 0.00	43.38 0.65 0.00	58.82 0.31 0.00	58.05 0.44 0.00	72.87 0.57 -0.04	63.87 0.45 -0.44	60.22 0.51 -0.32	69.45 0.69 0.00	61.57 0.54 0.00	66.71 0.83 0.00	58.69 0.57 0.00	54.92 0.67 -0.82	63.47 0.84 -3.28	67.92 1.47 -0.52	57.96 1.18 0.00	58.48 1.08 0.00	51.93 1.00 0.00	51.03 0.91 -2.73	37.89 0.88 0.00	37.14 0.85 0.00
BETHLEHEM___GS2 323561	37.93 0.69 0.00	40.73 0.78 0.00	46.31 0.73 0.00	43.05 0.83 0.00	44.22 0.74 0.00	43.38 0.65 0.00	58.82 0.31 0.00	58.05 0.44 0.00	72.87 0.57 -0.04	63.87 0.45 -0.44	60.22 0.51 -0.32	69.45 0.69 0.00	61.57 0.54 0.00	66.71 0.83 0.00	58.69 0.57 0.00	54.92 0.67 -0.82	63.47 0.84 -3.28	67.92 1.47 -0.52	57.96 1.18 0.00	58.48 1.08 0.00	51.93 1.00 0.00	51.03 0.91 -2.73	37.89 0.88 0.00	37.14 0.85 0.00
BETHLEHEM___GS3 323562	37.93 0.69 0.00	40.73 0.78 0.00	46.31 0.73 0.00	43.05 0.83 0.00	44.22 0.74 0.00	43.38 0.65 0.00	58.82 0.31 0.00	58.05 0.44 0.00	72.87 0.57 -0.04	63.87 0.45 -0.44	60.22 0.51 -0.32	69.45 0.69 0.00	61.57 0.54 0.00	66.71 0.83 0.00	58.69 0.57 0.00	54.92 0.67 -0.82	63.47 0.84 -3.28	67.92 1.47 -0.52	57.96 1.18 0.00	58.48 1.08 0.00	51.93 1.00 0.00	51.03 0.91 -2.73	37.89 0.88 0.00	37.14 0.85 0.00
BETHLEHEM___STEEL 23779	35.47 -1.77 0.00	37.91 -2.05 0.00	43.60 -1.98 0.00	40.21 -2.01 0.00	41.66 -1.83 0.00	40.92 -1.80 0.00	56.09 -2.41 0.00	54.78 -2.82 0.00	69.76 -2.51 0.00	60.09 -2.90 0.00	56.79 -2.59 0.00	65.55 -3.20 0.00	58.14 -2.88 0.00	62.66 -3.22 0.00	55.64 -2.48 0.00	51.25 -2.18 0.00	56.84 -2.52 0.00	62.98 -2.95 0.00	53.60 -3.18 0.00	54.13 -3.27 0.00	47.80 -3.14 0.00	45.06 -2.33 0.00	35.65 -1.35 0.00	35.30 -0.99 0.00
BETHLHEM_115KV_TB1 79974	37.96 0.73 0.00	40.77 0.81 0.00	46.36 0.78 0.00	43.08 0.87 0.00	44.26 0.78 0.00	43.42 0.70 0.00	58.95 0.44 0.00	58.19 0.58 0.00	73.05 0.74 -0.04	64.02 0.60 -0.43	60.36 0.66 -0.32	69.61 0.85 0.00	61.71 0.68 0.00	66.84 0.96 0.00	58.82 0.71 0.00	55.03 0.78 -0.81	63.58 0.97 -3.27	68.05 1.60 -0.52	58.07 1.29 0.00	58.59 1.19 0.00	52.03 1.10 0.00	51.11 0.99 -2.73	37.92 0.91 0.00	37.16 0.87 0.00
BETHPAGE_CC_5 323564	39.48 2.24 0.00	42.13 2.18 0.00	47.75 2.18 0.00	44.30 2.08 0.00	45.62 2.14 0.00	45.13 2.41 0.00	61.50 3.00 0.00	61.15 3.55 0.00	76.36 3.92 -0.17	68.31 3.33 -2.00	64.61 3.75 -1.48	73.25 4.49 0.00	65.03 4.01 0.00	70.33 4.45 0.00	62.09 3.98 0.00	61.04 3.86 -3.75	78.58 4.20 -15.03	74.14 5.84 -2.37	61.72 4.94 0.00	62.34 4.94 0.00	55.37 4.43 0.00	63.76 3.84 -12.53	39.86 2.85 0.00	38.79 2.50 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.73 -1.50 0.00	38.18 -1.77 0.00	43.92 -1.66 0.00	40.51 -1.71 0.00	41.96 -1.52 0.00	41.20 -1.52 0.00	56.50 -2.00 0.00	55.22 -2.39 0.00	70.32 -1.94 0.00	60.58 -2.41 0.00	57.27 -2.12 0.00	66.10 -2.65 0.00	58.64 -2.39 0.00	63.16 -2.72 0.00	56.10 -2.02 0.00	51.66 -1.77 0.00	57.24 -2.11 0.00	63.47 -2.46 0.00	54.01 -2.76 0.00	54.56 -2.84 0.00	48.17 -2.77 0.00	45.40 -1.99 0.00	35.93 -1.08 0.00	35.55 -0.74 0.00

BINGHAMTON___COGEN 23790	36.87 -0.37 0.00	39.65 -0.31 0.00	45.35 -0.23 0.00	41.77 -0.44 0.00	43.28 -0.19 0.00	42.23 -0.50 0.00	58.28 -0.22 0.00	57.69 0.08 0.00	72.00 -0.24 0.02	62.52 -0.24 0.23	59.04 -0.18 0.17	68.56 -0.19 0.00	60.79 -0.23 0.00	65.49 -0.38 0.00	58.03 -0.09 0.00	52.73 -0.27 0.43	57.40 -0.21 1.74	65.83 0.17 0.27	56.65 -0.12 0.00	57.17 -0.24 0.00	50.58 -0.36 0.00	45.91 -0.29 1.20	36.75 -0.26 0.00	36.03 -0.26 0.00
BIXINCNT_115KV_LOAD 355685	36.17 -1.07 0.00	38.55 -1.41 0.00	44.56 -1.01 0.00	41.29 -0.92 0.00	42.71 -0.77 0.00	41.82 -0.90 0.00	57.67 -0.83 0.00	56.49 -1.11 0.00	71.92 -0.35 0.00	61.93 -1.06 0.00	58.74 -0.65 0.00	67.97 -0.79 0.00	60.23 -0.80 0.00	64.27 -1.61 0.00	57.51 -0.60 0.00	52.69 -0.74 0.00	57.69 -1.67 0.00	64.15 -1.78 0.00	54.37 -2.41 0.00	54.95 -2.45 0.00	48.49 -2.44 0.00	45.81 -1.59 0.00	36.67 -0.34 0.00	36.31 0.02 0.00
BLACK RIVER___HYD 24047	36.11 -1.12 0.00	39.21 -0.74 0.00	45.06 -0.52 0.00	41.77 -0.45 0.00	43.24 -0.24 0.00	42.64 -0.09 0.00	59.22 0.71 0.00	58.27 0.67 0.00	72.52 0.25 0.00	63.40 0.42 0.00	58.33 -1.06 0.00	67.84 -0.91 0.00	60.03 -0.99 0.00	63.89 -1.99 0.00	56.44 -1.67 0.00	52.43 -1.00 0.00	58.07 -1.28 0.00	63.65 -2.28 0.00	54.28 -2.50 0.00	54.70 -2.70 0.00	48.40 -2.53 0.00	44.82 -2.58 0.00	34.92 -2.08 0.00	34.18 -2.12 0.00
BLACKRVR_115KV_TB2 79977	36.11 -1.12 0.00	39.21 -0.74 0.00	45.06 -0.52 0.00	41.77 -0.45 0.00	43.24 -0.24 0.00	42.64 -0.09 0.00	59.21 0.71 0.00	58.27 0.67 0.00	72.51 0.25 0.00	63.40 0.41 0.00	58.33 -1.06 0.00	67.84 -0.91 0.00	60.03 -0.99 0.00	63.89 -1.99 0.00	56.45 -1.67 0.00	52.43 -1.00 0.00	58.07 -1.28 0.00	63.65 -2.28 0.00	54.28 -2.50 0.00	54.69 -2.70 0.00	48.40 -2.53 0.00	44.82 -2.58 0.00	34.92 -2.09 0.00	34.18 -2.12 0.00
BLISS_WT_PWR 323608	36.08 -1.16 0.00	38.44 -1.52 0.00	44.47 -1.11 0.00	41.22 -0.99 0.00	42.62 -0.86 0.00	41.73 -0.99 0.00	57.59 -0.91 0.00	54.85 -1.18 1.58	38.66 -0.37 33.24	61.87 -1.12 0.00	58.67 -0.71 0.00	67.91 -0.84 0.00	60.18 -0.84 0.00	64.13 -1.75 0.00	57.44 -0.67 0.00	52.63 -0.80 0.00	57.56 -1.79 0.00	63.97 -1.96 0.00	54.18 -2.60 0.00	54.75 -2.65 0.00	48.32 -2.61 0.00	45.66 -1.73 0.00	36.61 -0.40 0.00	36.26 -0.03 0.00
BLUESTONE___WT_PWR 323821	38.64 1.41 0.00	41.31 1.35 0.00	47.19 1.61 0.00	43.53 1.31 0.00	45.24 1.76 0.00	44.11 1.38 0.00	60.87 2.36 0.00	62.29 4.45 -0.24	80.12 3.81 -4.04	65.11 2.74 0.61	60.65 1.72 0.46	70.97 2.22 0.00	63.00 1.97 0.00	67.55 1.67 0.00	59.85 1.74 0.00	53.64 1.37 1.17	55.94 1.30 4.71	66.08 0.84 0.69	57.31 0.53 0.00	56.68 -0.72 0.00	50.31 -0.62 0.00	45.35 -0.78 1.26	36.16 -0.85 0.00	35.44 -0.85 0.00
BLUE_CIRC_CHEM_DRP 24182	38.29 1.05 0.00	41.17 1.21 0.00	46.90 1.32 0.00	43.53 1.31 0.00	44.76 1.28 0.00	43.90 1.18 0.00	59.74 1.24 0.00	58.92 1.32 0.00	73.88 1.58 -0.03	64.63 1.26 -0.39	60.90 1.23 -0.29	70.26 1.51 0.00	62.36 1.33 0.00	67.56 1.68 0.00	59.47 1.36 0.00	55.50 1.36 -0.71	63.80 1.63 -2.82	68.64 2.26 -0.45	58.62 1.84 0.00	59.17 1.77 0.00	52.53 1.60 0.00	51.24 1.44 -2.41	38.20 1.19 0.00	37.47 1.18 0.00
BOC_GAS_DRP 24189	37.97 0.73 0.00	40.78 0.82 0.00	46.44 0.86 0.00	43.07 0.86 0.00	44.30 0.82 0.00	43.46 0.73 0.00	59.25 0.74 0.00	58.48 0.88 0.00	73.39 1.08 -0.04	64.32 0.90 -0.43	60.65 0.94 -0.32	69.92 1.17 0.00	61.99 0.96 0.00	67.11 1.23 0.00	59.09 0.98 0.00	55.23 0.99 -0.80	63.75 1.17 -3.22	68.23 1.79 -0.51	58.22 1.44 0.00	58.77 1.37 0.00	52.19 1.26 0.00	51.20 1.12 -2.69	37.91 0.90 0.00	37.16 0.87 0.00
BOONVILLE_115KV_TB1 79983	37.37 0.13 0.00	40.29 0.33 0.00	46.12 0.54 0.00	42.75 0.54 0.00	44.13 0.65 0.00	43.45 0.73 0.00	59.92 1.42 0.00	59.01 1.41 0.00	73.85 1.59 0.00	64.40 1.41 0.00	60.29 0.90 0.00	69.93 1.18 0.00	61.94 0.91 0.00	66.51 0.63 0.00	58.63 0.51 0.00	53.98 0.55 0.00	59.87 0.52 0.00	66.32 0.39 0.00	56.82 0.04 0.00	57.31 -0.10 0.00	50.76 -0.17 0.00	47.12 -0.27 0.00	36.72 -0.28 0.00	35.97 -0.32 0.00
BORALEX_4TH_BRANCH 23824	39.72 2.48 0.00	42.52 2.56 0.00	48.26 2.68 0.00	44.89 2.68 0.00	46.07 2.59 0.00	45.33 2.61 0.00	61.77 3.26 0.00	60.84 3.24 0.00	76.56 4.25 -0.04	67.15 3.64 -0.53	63.39 3.61 -0.39	73.02 4.27 0.00	64.58 3.56 0.00	70.18 4.30 0.00	61.54 3.43 0.00	57.83 3.40 -0.99	67.17 3.84 -3.98	71.53 4.97 -0.63	60.98 4.20 0.00	61.54 4.13 0.00	54.68 3.75 0.00	54.07 3.38 -3.31	39.60 2.59 0.00	38.86 2.57 0.00
BOWLINE___1 23526	38.43 1.19 0.00	41.08 1.12 0.00	46.66 1.07 0.00	43.31 1.10 0.00	44.61 1.13 0.00	43.96 1.23 0.00	60.27 1.76 0.00	59.87 2.27 0.00	74.53 2.55 0.29	61.86 2.31 3.44	59.23 2.38 2.55	71.66 2.91 0.00	63.49 2.46 0.00	68.63 2.75 0.00	60.51 2.40 0.00	49.34 2.34 6.44	36.25 2.70 25.80	65.85 3.98 4.06	59.98 3.21 0.00	60.38 2.97 0.00	53.69 2.76 0.00	28.01 2.40 21.78	38.72 1.71 0.00	37.83 1.54 0.00
BOWLINE___2 23595	38.47 1.23 0.00	41.14 1.19 0.00	46.73 1.15 0.00	43.37 1.16 0.00	44.68 1.20 0.00	44.02 1.29 0.00	60.37 1.86 0.00	59.96 2.35 0.00	74.65 2.67 0.29	61.94 2.38 3.44	59.31 2.47 2.55	71.77 3.02 0.00	63.59 2.56 0.00	68.74 2.87 0.00	60.61 2.50 0.00	49.42 2.43 6.44	36.32 2.78 25.81	65.96 4.09 4.07	60.07 3.29 0.00	60.45 3.05 0.00	53.77 2.84 0.00	28.07 2.47 21.79	38.77 1.76 0.00	37.88 1.59 0.00
BRADY___115KV_TB2 356060	38.71 1.48 0.00	41.73 1.77 0.00	47.73 2.15 0.00	44.09 1.88 0.00	44.80 1.31 0.00	44.41 1.68 0.00	60.52 2.01 0.00	59.40 1.80 0.00	74.44 2.17 0.00	64.47 1.48 0.00	61.19 1.80 0.00	69.28 0.53 0.00	61.26 0.24 0.00	63.89 -1.99 0.00	54.84 -3.28 0.00	51.95 -1.48 0.00	58.89 -0.47 0.00	65.10 -0.83 0.00	55.48 -1.30 0.00	55.97 -1.43 0.00	49.21 -1.72 0.00	45.26 -2.13 0.00	35.51 -1.50 0.00	35.65 -0.64 0.00
BRANSCOMB___SOLAR 323811	39.34 2.10 0.00	42.18 2.22 0.00	47.93 2.35 0.00	44.49 2.28 0.00	45.75 2.26 0.00	44.95 2.23 0.00	61.55 3.05 0.00	60.70 3.10 0.00	76.22 3.92 -0.04	66.69 3.27 -0.44	63.00 3.29 -0.32	72.62 3.87 0.00	64.35 3.33 0.00	70.39 4.51 0.00	61.85 3.73 0.00	57.89 3.64 -0.82	66.89 4.24 -3.30	71.79 5.34 -0.52	61.30 4.52 0.00	61.88 4.48 0.00	54.83 3.90 0.00	53.58 3.44 -2.74	39.59 2.58 0.00	38.84 2.55 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	39.92 2.69 0.00	42.59 2.63 0.00	48.23 2.66 0.00	44.77 2.55 0.00	46.12 2.64 0.00	45.66 2.94 0.00	62.37 3.87 0.00	62.09 4.48 0.00	77.40 4.96 -0.17	68.58 3.60 -2.00	65.37 4.51 -1.48	74.16 5.40 0.00	65.89 4.86 0.00	71.23 5.35 0.00	62.80 4.68 0.00	61.47 4.29 -3.75	78.99 4.61 -15.03	74.61 6.31 -2.37	62.34 5.56 0.00	63.46 6.05 0.00	56.30 5.37 0.00	64.46 4.54 -12.53	40.29 3.29 0.00	39.17 2.88 0.00

BRISTLHL_115KV_TB1 79998	35.95 -1.29 0.00	38.56 -1.39 0.00	44.01 -1.56 0.00	40.72 -1.49 0.00	42.05 -1.44 0.00	41.30 -1.42 0.00	56.78 -1.73 0.00	56.01 -1.60 0.00	70.26 -2.01 0.00	61.14 -1.86 0.00	57.53 -1.86 0.00	66.62 -2.13 0.00	59.11 -1.92 0.00	63.84 -2.04 0.00	56.48 -1.64 0.00	51.99 -1.44 0.00	57.79 -1.57 0.00	64.36 -1.57 0.00	55.26 -1.52 0.00	55.80 -1.60 0.00	49.43 -1.50 0.00	46.00 -1.39 0.00	35.91 -1.10 0.00	35.21 -1.08 0.00
BROOKHAVEN___DRP 24191	39.78 2.54 0.00	42.45 2.49 0.00	48.07 2.49 0.00	44.61 2.40 0.00	45.95 2.47 0.00	45.53 2.81 0.00	62.03 3.53 0.00	61.74 4.14 0.00	76.97 4.53 -0.17	68.81 3.82 -2.00	65.26 4.39 -1.48	74.10 5.35 0.00	65.94 4.91 0.00	71.32 5.44 0.00	62.98 4.87 0.00	61.88 4.70 -3.75	79.44 5.07 -15.03	75.09 6.79 -2.37	62.59 5.82 0.00	63.36 5.95 0.00	56.14 5.21 0.00	64.24 4.32 -12.53	40.10 3.09 0.00	38.90 2.61 0.00
BROOKLYN_NAVY_YARD 23515	38.95 1.71 0.00	41.64 1.69 0.00	47.23 1.65 0.00	43.82 1.61 0.00	45.12 1.64 0.00	44.50 1.77 0.00	61.03 2.53 0.00	60.75 3.15 0.00	76.23 3.80 -0.17	68.34 3.35 -2.00	64.24 3.38 -1.48	72.90 4.14 0.00	64.56 3.53 0.00	69.83 3.95 0.00	61.56 3.44 0.00	60.55 3.37 -3.76	78.24 3.82 -15.06	73.56 5.25 -2.38	61.02 4.25 0.00	61.37 3.97 0.00	54.65 3.72 0.00	63.24 3.30 -12.56	39.38 2.37 0.00	38.41 2.12 0.00
BROOKLYN___ARMY_DRP 323595	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.04 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.60 3.74 -1.48	73.25 4.50 0.00	64.90 3.87 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.71 -3.75	78.59 4.19 -15.05	74.01 5.71 -2.37	61.41 4.63 0.00	61.78 4.38 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.70 2.41 0.00
BROOKVLE_69_KV_TB1 55790	39.40 2.16 0.00	42.06 2.10 0.00	47.75 2.17 0.00	44.27 2.05 0.00	45.59 2.11 0.00	45.05 2.33 0.00	61.65 3.14 0.00	61.12 3.52 0.00	76.53 4.09 -0.17	68.57 3.58 -2.00	64.69 3.83 -1.48	73.34 4.58 0.00	65.01 3.98 0.00	70.35 4.47 0.00	62.06 3.95 0.00	61.00 3.82 -3.75	78.62 4.24 -15.03	74.13 5.83 -2.37	61.61 4.83 0.00	62.09 4.69 0.00	55.27 4.33 0.00	63.76 3.84 -12.53	39.79 2.79 0.00	38.77 2.48 0.00
BROOME_2_LFGE 323671	36.87 -0.37 0.00	39.65 -0.31 0.00	45.35 -0.23 0.00	41.77 -0.44 0.00	43.29 -0.20 0.00	42.23 -0.50 0.00	58.28 -0.22 0.00	57.97 0.08 -0.28	77.81 -0.25 -5.79	62.53 -0.23 0.23	59.04 -0.17 0.17	68.56 -0.19 0.00	60.80 -0.23 0.00	65.50 -0.38 0.00	58.04 -0.08 0.00	52.72 -0.27 0.43	57.39 -0.22 1.74	65.84 0.18 0.27	56.65 -0.12 0.00	57.17 -0.23 0.00	50.57 -0.36 0.00	45.91 -0.29 1.20	36.75 -0.25 0.00	36.03 -0.26 0.00
BROOME___LFGE 323600	36.87 -0.37 0.00	39.65 -0.31 0.00	45.35 -0.23 0.00	41.77 -0.44 0.00	43.29 -0.20 0.00	42.23 -0.50 0.00	58.28 -0.22 0.00	57.97 0.08 -0.28	77.81 -0.25 -5.79	62.53 -0.23 0.23	59.04 -0.17 0.17	68.56 -0.19 0.00	60.80 -0.23 0.00	65.50 -0.38 0.00	58.04 -0.08 0.00	52.72 -0.27 0.43	57.39 -0.22 1.74	65.84 0.18 0.27	56.65 -0.12 0.00	57.17 -0.23 0.00	50.57 -0.36 0.00	45.91 -0.29 1.20	36.75 -0.25 0.00	36.03 -0.26 0.00
BROWNFLS_115KV_TB_3_5 80003	36.67 -0.57 0.00	39.66 -0.30 0.00	45.40 -0.18 0.00	42.07 -0.14 0.00	43.02 -0.46 0.00	42.55 -0.17 0.00	58.22 -0.29 0.00	57.21 -0.39 0.00	71.46 -0.80 0.00	62.25 -0.74 0.00	58.49 -0.90 0.00	67.58 -1.17 0.00	59.83 -1.20 0.00	63.46 -2.42 0.00	55.01 -3.10 0.00	50.75 -2.68 0.00	56.56 -2.79 0.00	62.21 -3.72 0.00	53.05 -3.73 0.00	53.48 -3.92 0.00	47.21 -3.72 0.00	43.62 -3.78 0.00	34.19 -2.81 0.00	34.03 -2.26 0.00
BROWNSV1_27_KV_LOAD 356125	39.35 2.12 0.00	42.04 2.08 0.00	47.70 2.12 0.00	44.22 2.01 0.00	45.55 2.07 0.00	44.94 2.21 0.00	61.67 3.17 0.00	61.39 3.79 0.00	77.05 4.61 -0.17	69.08 4.09 -2.00	64.96 4.10 -1.48	73.70 4.95 0.00	65.29 4.26 0.00	70.61 4.73 0.00	62.26 4.14 0.00	61.21 4.02 -3.76	78.95 4.53 -15.06	74.37 6.07 -2.38	61.72 4.94 0.00	62.09 4.69 0.00	55.26 4.32 0.00	63.81 3.87 -12.56	39.81 2.81 0.00	38.82 2.53 0.00
BURROWS___LYONSDAL 23803	37.05 -0.19 0.00	40.02 0.06 0.00	45.87 0.29 0.00	42.55 0.34 0.00	43.92 0.43 0.00	43.27 0.55 0.00	59.70 1.19 0.00	58.78 1.17 0.00	73.47 1.21 0.00	64.10 1.11 0.00	59.85 0.46 0.00	69.49 0.74 0.00	61.53 0.50 0.00	65.90 0.02 0.00	58.03 -0.09 0.00	53.45 0.01 0.00	59.22 -0.13 0.00	65.47 -0.46 0.00	56.03 -0.75 0.00	56.48 -0.92 0.00	50.02 -0.92 0.00	46.42 -0.98 0.00	36.18 -0.82 0.00	35.46 -0.83 0.00
CAITHNESS_CC_1 323624	39.67 2.43 0.00	42.34 2.38 0.00	47.93 2.35 0.00	44.50 2.29 0.00	45.82 2.34 0.00	45.40 2.68 0.00	61.84 3.34 0.00	61.57 3.97 0.00	76.73 4.29 -0.17	68.58 3.59 -2.00	65.03 4.17 -1.48	73.83 5.08 0.00	65.70 4.67 0.00	71.05 5.17 0.00	62.74 4.62 0.00	61.66 4.48 -3.75	79.19 4.81 -15.03	74.78 6.48 -2.37	62.36 5.58 0.00	63.12 5.71 0.00	55.95 5.02 0.00	64.09 4.17 -12.53	40.00 3.00 0.00	38.82 2.53 0.00
CALPINE BETH_PAGE_GT4 24209	39.51 2.27 0.00	42.17 2.22 0.00	47.80 2.22 0.00	44.34 2.13 0.00	45.68 2.19 0.00	45.17 2.44 0.00	61.47 2.97 0.00	61.14 3.53 0.00	76.38 3.94 -0.17	68.36 3.38 -2.00	64.61 3.75 -1.48	73.26 4.51 0.00	65.05 4.03 0.00	70.35 4.47 0.00	62.09 3.98 0.00	61.05 3.86 -3.75	78.61 4.23 -15.03	74.16 5.86 -2.37	61.71 4.93 0.00	62.34 4.94 0.00	55.37 4.43 0.00	63.75 3.83 -12.53	39.91 2.90 0.00	38.83 2.54 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.51 2.27 0.00	42.18 2.22 0.00	47.80 2.22 0.00	44.34 2.13 0.00	45.67 2.19 0.00	45.17 2.44 0.00	61.47 2.97 0.00	61.14 3.54 0.00	76.37 3.93 -0.17	68.35 3.37 -2.00	64.62 3.76 -1.48	73.26 4.51 0.00	65.05 4.03 0.00	70.35 4.46 0.00	62.09 3.98 0.00	61.04 3.86 -3.75	78.60 4.22 -15.03	74.17 5.86 -2.37	61.72 4.94 0.00	62.34 4.94 0.00	55.37 4.43 0.00	63.75 3.83 -12.53	39.90 2.90 0.00	38.83 2.54 0.00
CALPINE_BP_GT1 23823	39.51 2.27 0.00	42.18 2.22 0.00	47.80 2.22 0.00	44.34 2.13 0.00	45.67 2.19 0.00	45.17 2.44 0.00	61.47 2.97 0.00	61.14 3.54 0.00	76.37 3.93 -0.17	68.35 3.37 -2.00	64.62 3.76 -1.48	73.26 4.51 0.00	65.05 4.03 0.00	70.35 4.46 0.00	62.09 3.98 0.00	61.04 3.86 -3.75	78.60 4.22 -15.03	74.17 5.86 -2.37	61.72 4.94 0.00	62.34 4.94 0.00	55.37 4.43 0.00	63.75 3.83 -12.53	39.90 2.90 0.00	38.83 2.54 0.00
CALSPAN___DRP 24200	35.47 -1.77 0.00	37.91 -2.05 0.00	43.60 -1.98 0.00	40.21 -2.01 0.00	41.66 -1.83 0.00	40.92 -1.80 0.00	56.09 -2.41 0.00	54.78 -2.82 0.00	69.76 -2.51 0.00	60.09 -2.90 0.00	56.79 -2.59 0.00	65.55 -3.20 0.00	58.14 -2.88 0.00	62.66 -3.22 0.00	55.64 -2.48 0.00	51.25 -2.18 0.00	56.84 -2.52 0.00	62.98 -2.95 0.00	53.60 -3.18 0.00	54.13 -3.27 0.00	47.80 -3.14 0.00	45.06 -2.33 0.00	35.65 -1.35 0.00	35.30 -0.99 0.00

CALVERTON___SOLAR 323806	39.91 2.67 0.00	42.60 2.64 0.00	48.22 2.64 0.00	44.76 2.55 0.00	46.09 2.61 0.00	45.68 2.96 0.00	62.21 3.71 0.00	61.91 4.31 0.00	77.21 4.78 -0.17	69.03 4.04 -2.00	65.50 4.64 -1.48	74.39 5.64 0.00	66.21 5.18 0.00	71.60 5.72 0.00	63.23 5.12 0.00	62.13 4.95 -3.75	79.73 5.35 -15.03	75.37 7.06 -2.37	62.82 6.04 0.00	63.60 6.20 0.00	56.32 5.39 0.00	64.38 4.47 -12.53	40.19 3.18 0.00	38.96 2.67 0.00
CANDIGU_WT_PWR 323617	35.33 -1.91 0.00	38.21 -1.75 0.00	44.01 -1.57 0.00	40.60 -1.61 0.00	42.30 -1.18 0.00	41.19 -1.53 0.00	56.94 -1.57 0.00	57.04 -1.32 -0.75	86.72 -1.42 -15.87	61.33 -1.66 0.00	57.77 -1.62 0.00	66.78 -1.97 0.00	58.95 -2.07 0.00	63.38 -2.50 0.00	56.17 -1.94 0.00	51.15 -2.28 0.00	56.91 -2.45 0.00	63.45 -2.48 0.00	53.88 -2.89 0.00	54.08 -3.32 0.00	47.58 -3.35 0.00	44.63 -2.76 0.00	35.05 -1.96 0.00	34.52 -1.77 0.00
CARR STREET_E_SYR 24060	36.31 -0.93 0.00	38.96 -1.00 0.00	44.48 -1.10 0.00	41.13 -1.08 0.00	42.48 -1.00 0.00	41.72 -1.01 0.00	57.35 -1.15 0.00	56.59 -1.02 0.00	71.00 -1.27 0.00	61.80 -1.19 0.00	58.24 -1.15 0.00	67.37 -1.38 0.00	59.79 -1.24 0.00	64.55 -1.33 0.00	57.10 -1.01 0.00	52.52 -0.92 0.00	58.38 -0.97 0.00	65.04 -0.90 0.00	55.82 -0.96 0.00	56.35 -1.05 0.00	49.92 -1.01 0.00	46.46 -0.94 0.00	36.27 -0.73 0.00	35.57 -0.72 0.00
CARTHAGE___PAPER 23857	36.53 -0.71 0.00	39.64 -0.32 0.00	45.50 -0.08 0.00	42.21 0.00 0.00	43.60 0.11 0.00	43.02 0.29 0.00	59.60 1.10 0.00	58.60 1.00 0.00	73.01 0.74 0.00	63.76 0.77 0.00	58.89 -0.49 0.00	68.45 -0.30 0.00	60.53 -0.49 0.00	64.48 -1.41 0.00	56.78 -1.34 0.00	52.60 -0.83 0.00	58.30 -1.05 0.00	63.97 -1.96 0.00	54.55 -2.22 0.00	54.94 -2.46 0.00	48.61 -2.32 0.00	45.00 -2.40 0.00	35.09 -1.92 0.00	34.43 -1.86 0.00
CASSADAGA_WT_PWR 323784	34.69 -2.54 0.00	37.28 -2.68 0.00	42.99 -2.59 0.00	39.71 -2.50 0.00	41.27 -2.21 0.00	41.24 -1.48 0.00	57.44 -1.06 0.00	55.09 -1.12 1.39	42.05 -0.85 29.37	61.02 -1.97 0.00	57.85 -1.53 0.00	66.83 -1.93 0.00	58.92 -2.11 0.00	63.61 -2.26 0.00	57.04 -1.07 0.00	52.24 -1.19 0.00	57.64 -1.71 0.00	64.22 -1.71 0.00	54.25 -2.53 0.00	55.30 -2.10 0.00	49.16 -1.77 0.00	46.22 -1.17 0.00	36.63 -0.38 0.00	36.26 -0.03 0.00
CE_DUNWOOD___DRP 24194	38.82 1.58 0.00	41.49 1.54 0.00	47.11 1.53 0.00	43.71 1.50 0.00	45.01 1.53 0.00	44.37 1.65 0.00	60.83 2.33 0.00	60.46 2.85 0.00	75.82 3.37 -0.17	68.03 2.99 -2.06	63.98 3.07 -1.52	72.46 3.71 0.00	64.20 3.17 0.00	69.43 3.55 0.00	61.20 3.09 0.00	60.30 3.00 -3.87	78.27 3.42 -15.49	73.17 4.80 -2.44	60.67 3.90 0.00	61.07 3.67 0.00	54.34 3.40 0.00	63.31 2.99 -12.92	39.16 2.15 0.00	38.23 1.94 0.00
CE_MILLWOOD___DRP 24193	38.73 1.49 0.00	41.40 1.44 0.00	47.01 1.43 0.00	43.62 1.41 0.00	44.93 1.45 0.00	44.28 1.56 0.00	60.71 2.21 0.00	60.31 2.71 0.00	75.63 3.19 -0.18	67.92 2.83 -2.10	63.84 2.90 -1.55	72.27 3.52 0.00	64.03 3.00 0.00	69.24 3.37 0.00	61.05 2.93 0.00	60.22 2.86 -3.93	78.38 3.25 -15.77	73.02 4.60 -2.49	60.52 3.75 0.00	60.91 3.51 0.00	54.18 3.25 0.00	63.41 2.86 -13.16	39.06 2.05 0.00	38.15 1.85 0.00
CE_NYC2_DRP 24202	39.06 1.83 0.00	41.75 1.80 0.00	47.38 1.81 0.00	43.94 1.73 0.00	45.24 1.76 0.00	44.62 1.90 0.00	61.20 2.69 0.00	60.92 3.32 0.00	76.43 4.00 -0.17	68.49 3.50 -2.00	64.38 3.52 -1.48	73.00 4.25 0.00	64.67 3.65 0.00	69.96 4.08 0.00	61.67 3.56 0.00	60.65 3.47 -3.75	78.32 3.92 -15.05	73.68 5.38 -2.37	61.12 4.34 0.00	61.49 4.09 0.00	54.75 3.82 0.00	63.34 3.40 -12.55	39.46 2.46 0.00	38.49 2.20 0.00
CE_NYC_DRP 24195	39.05 1.82 0.00	41.74 1.78 0.00	47.36 1.77 0.00	43.91 1.70 0.00	45.22 1.74 0.00	44.60 1.87 0.00	61.17 2.67 0.00	60.88 3.28 0.00	76.40 3.97 -0.17	68.52 3.53 -2.00	64.41 3.54 -1.48	73.06 4.31 0.00	64.73 3.70 0.00	70.01 4.13 0.00	61.73 3.61 0.00	60.71 3.52 -3.76	78.41 3.99 -15.06	73.75 5.44 -2.38	61.18 4.40 0.00	61.53 4.12 0.00	54.77 3.84 0.00	63.37 3.42 -12.56	39.48 2.47 0.00	38.51 2.22 0.00
CHAFFEE___LFGE 323603	35.82 -1.42 0.00	38.26 -1.70 0.00	43.98 -1.60 0.00	40.53 -1.68 0.00	42.03 -1.45 0.00	41.28 -1.44 0.00	56.63 -1.87 0.00	53.98 -2.23 1.39	41.20 -1.73 29.34	60.72 -2.27 0.00	57.36 -2.03 0.00	66.19 -2.56 0.00	58.74 -2.29 0.00	63.30 -2.58 0.00	56.18 -1.94 0.00	51.72 -1.71 0.00	57.41 -1.95 0.00	63.64 -2.30 0.00	54.16 -2.62 0.00	54.69 -2.72 0.00	48.27 -2.67 0.00	45.49 -1.91 0.00	35.97 -1.04 0.00	35.61 -0.68 0.00
CHATEAUG_35_KV_LOAD 355732	37.61 0.38 0.00	40.37 0.42 0.00	46.15 0.57 0.00	42.60 0.39 0.00	43.61 0.13 0.00	43.37 0.65 0.00	59.54 1.03 0.00	58.27 0.66 0.00	73.33 1.06 0.00	63.63 0.63 0.00	59.98 0.59 0.00	69.72 0.96 0.00	62.14 1.12 0.00	66.87 0.99 0.00	58.71 0.60 0.00	53.68 0.25 0.00	59.66 0.30 0.00	65.48 -0.45 0.00	55.84 -0.94 0.00	56.62 -0.79 0.00	49.95 -0.99 0.00	46.33 -1.07 0.00	36.06 -0.94 0.00	35.46 -0.83 0.00
CHATEAUG_WT_PWR 323614	37.40 0.16 0.00	40.12 0.16 0.00	45.90 0.32 0.00	42.38 0.16 0.00	43.41 -0.07 0.00	43.20 0.48 0.00	59.35 0.84 0.00	58.15 0.54 0.00	73.20 0.93 0.00	63.45 0.46 0.00	59.90 0.52 0.00	69.65 0.89 0.00	62.08 1.05 0.00	66.86 0.98 0.00	58.72 0.60 0.00	53.74 0.31 0.00	59.64 0.29 0.00	65.51 -0.42 0.00	55.73 -1.05 0.00	56.47 -0.93 0.00	49.77 -1.16 0.00	46.13 -1.26 0.00	35.92 -1.09 0.00	35.31 -0.98 0.00
CHAT_HIGH_FALL_HYD 323578	37.61 0.38 0.00	40.37 0.42 0.00	46.15 0.57 0.00	42.60 0.39 0.00	43.61 0.13 0.00	43.37 0.65 0.00	59.54 1.03 0.00	58.27 0.66 0.00	73.33 1.06 0.00	63.63 0.63 0.00	59.98 0.59 0.00	69.72 0.96 0.00	62.14 1.12 0.00	66.87 0.99 0.00	58.71 0.60 0.00	53.68 0.25 0.00	59.66 0.30 0.00	65.48 -0.45 0.00	55.84 -0.94 0.00	56.62 -0.79 0.00	49.95 -0.99 0.00	46.33 -1.07 0.00	36.06 -0.94 0.00	35.46 -0.83 0.00
CHAUTAUQUA___LFGE 323629	35.04 -2.19 0.00	37.56 -2.39 0.00	43.24 -2.34 0.00	39.90 -2.31 0.00	41.44 -2.04 0.00	41.20 -1.53 0.00	56.97 -1.53 0.00	54.67 -1.64 1.29	43.91 -1.25 27.10	60.82 -2.17 0.00	57.50 -1.89 0.00	66.40 -2.36 0.00	58.74 -2.29 0.00	63.39 -2.49 0.00	56.58 -1.53 0.00	52.00 -1.43 0.00	57.38 -1.97 0.00	63.69 -2.24 0.00	54.10 -2.68 0.00	54.87 -2.53 0.00	48.56 -2.38 0.00	45.71 -1.69 0.00	36.16 -0.85 0.00	35.79 -0.50 0.00
CHERRYST_13_KV_LD 356241	39.15 1.92 0.00	41.84 1.89 0.00	47.48 1.90 0.00	44.01 1.80 0.00	45.34 1.86 0.00	44.72 2.00 0.00	61.34 2.84 0.00	61.07 3.47 0.00	76.66 4.22 -0.17	68.75 3.76 -2.00	64.64 3.77 -1.48	73.33 4.58 0.00	64.95 3.93 0.00	70.27 4.39 0.00	61.95 3.83 0.00	60.92 3.73 -3.76	78.63 4.22 -15.06	74.00 5.69 -2.38	61.38 4.60 0.00	61.72 4.31 0.00	54.93 4.00 0.00	63.51 3.56 -12.56	39.58 2.58 0.00	38.62 2.33 0.00

CHESTROR_138KV_BK263 355645	38.32 1.09 0.00	41.00 1.04 0.00	46.60 1.02 0.00	43.24 1.03 0.00	44.55 1.07 0.00	43.85 1.13 0.00	60.19 1.69 0.00	59.77 2.16 0.00	74.50 2.46 0.23	62.46 2.21 2.73	59.62 2.26 2.02	71.50 2.75 0.00	63.35 2.32 0.00	68.40 2.52 0.00	60.32 2.21 0.00	50.41 2.14 5.17	41.10 2.50 20.75	66.33 3.66 3.27	59.71 2.93 0.00	60.11 2.71 0.00	53.43 2.50 0.00	32.10 2.17 17.46	38.55 1.55 0.00	37.68 1.39 0.00
CH_MIDHUDSON___DRP 24192	38.98 1.74 0.00	41.64 1.69 0.00	47.31 1.73 0.00	43.87 1.65 0.00	45.18 1.70 0.00	44.53 1.81 0.00	61.10 2.60 0.00	60.71 3.11 0.00	76.10 3.79 -0.04	66.84 3.34 -0.51	63.16 3.39 -0.38	72.80 4.05 0.00	64.42 3.39 0.00	69.61 3.73 0.00	61.33 3.22 0.00	57.78 3.12 -1.23	68.19 3.58 -5.26	71.71 4.95 -0.83	60.85 4.07 0.00	61.22 3.81 0.00	54.50 3.57 0.00	53.74 3.20 -3.14	39.33 2.32 0.00	38.38 2.09 0.00
CH_MISC_IPPS 23765	39.09 1.86 0.00	41.78 1.82 0.00	47.45 1.87 0.00	44.01 1.80 0.00	45.35 1.87 0.00	44.70 1.98 0.00	61.39 2.89 0.00	61.01 3.40 0.00	76.41 4.14 0.00	66.63 3.64 0.00	63.02 3.63 0.00	72.97 4.22 0.00	64.48 3.45 0.00	69.50 3.62 0.00	61.21 3.10 0.00	56.45 3.02 0.00	62.90 3.54 0.00	70.98 5.04 0.00	60.95 4.17 0.00	61.22 3.82 0.00	54.73 3.80 0.00	50.79 3.40 0.00	39.45 2.45 0.00	38.50 2.20 0.00
CH_RES_BVR_FALLS 23983	37.01 -0.22 0.00	39.82 -0.13 0.00	45.59 0.01 0.00	42.26 0.05 0.00	43.44 -0.04 0.00	42.82 0.10 0.00	58.57 0.07 0.00	57.34 -0.27 0.00	72.02 -0.25 0.00	62.80 -0.19 0.00	59.14 -0.25 0.00	68.53 -0.22 0.00	60.88 -0.15 0.00	65.31 -0.57 0.00	57.25 -0.86 0.00	52.39 -1.05 0.00	58.00 -1.35 0.00	64.15 -1.79 0.00	55.46 -1.32 0.00	56.22 -1.18 0.00	49.86 -1.08 0.00	46.35 -1.04 0.00	36.20 -0.81 0.00	35.52 -0.77 0.00
CH_RES_NIAGARA 23895	34.28 -2.96 0.00	36.60 -3.36 0.00	42.07 -3.51 0.00	38.77 -3.44 0.00	40.07 -3.41 0.00	39.45 -3.28 0.00	53.55 -4.96 0.00	51.91 -5.70 0.00	66.22 -6.05 0.00	57.05 -5.94 0.00	53.90 -5.48 0.00	62.22 -6.53 0.00	55.17 -5.86 0.00	59.41 -6.47 0.00	52.73 -5.38 0.00	48.70 -4.73 0.00	53.99 -5.36 0.00	59.61 -6.32 0.00	50.78 -6.00 0.00	51.36 -6.04 0.00	45.43 -5.51 0.00	42.83 -4.56 0.00	33.97 -3.03 0.00	33.77 -2.52 0.00
CH_RES_SYRACUSE 23985	36.58 -0.65 0.00	39.21 -0.74 0.00	44.77 -0.81 0.00	41.43 -0.78 0.00	42.80 -0.67 0.00	42.03 -0.70 0.00	57.79 -0.71 0.00	57.04 -0.57 0.00	71.51 -0.76 0.00	62.21 -0.78 0.00	58.63 -0.76 0.00	67.81 -0.94 0.00	60.14 -0.89 0.00	64.96 -0.92 0.00	57.54 -0.58 0.00	52.88 -0.55 0.00	58.80 -0.55 0.00	65.53 -0.40 0.00	56.26 -0.52 0.00	56.82 -0.58 0.00	50.34 -0.60 0.00	46.81 -0.58 0.00	36.56 -0.45 0.00	35.83 -0.45 0.00
CLINTON_WT_PWR 323605	37.40 0.16 0.00	40.12 0.16 0.00	45.90 0.32 0.00	42.38 0.16 0.00	43.41 -0.07 0.00	43.20 0.48 0.00	59.35 0.84 0.00	58.15 0.54 0.00	73.20 0.93 0.00	63.45 0.46 0.00	59.90 0.52 0.00	69.65 0.89 0.00	62.08 1.05 0.00	66.86 0.98 0.00	58.72 0.60 0.00	53.74 0.31 0.00	59.64 0.29 0.00	65.51 -0.42 0.00	55.73 -1.05 0.00	56.47 -0.93 0.00	49.77 -1.16 0.00	46.13 -1.26 0.00	35.92 -1.09 0.00	35.31 -0.98 0.00
CLINTON___LFGE 323618	37.96 0.72 0.00	40.72 0.76 0.00	46.52 0.94 0.00	43.03 0.81 0.00	44.02 0.54 0.00	43.77 1.05 0.00	60.26 1.76 0.00	59.12 1.52 0.00	74.43 2.16 0.00	64.49 1.50 0.00	60.87 1.48 0.00	70.69 1.94 0.00	62.94 1.92 0.00	67.84 1.96 0.00	59.56 1.44 0.00	54.54 1.11 0.00	60.63 1.28 0.00	66.69 0.76 0.00	56.72 -0.06 0.00	57.39 -0.01 0.00	50.56 -0.37 0.00	46.87 -0.52 0.00	36.46 -0.55 0.00	35.81 -0.48 0.00
COBBLENY_34_KV_TB1 80064	35.82 -1.42 0.00	38.26 -1.70 0.00	43.98 -1.60 0.00	40.53 -1.68 0.00	42.03 -1.45 0.00	41.29 -1.44 0.00	56.63 -1.87 0.00	55.37 -2.24 0.00	70.48 -1.79 0.00	60.70 -2.28 0.00	57.35 -2.03 0.00	66.20 -2.56 0.00	58.72 -2.31 0.00	63.30 -2.58 0.00	56.18 -1.93 0.00	51.73 -1.70 0.00	57.39 -1.97 0.00	63.61 -2.32 0.00	54.16 -2.62 0.00	54.69 -2.72 0.00	48.27 -2.66 0.00	45.49 -1.91 0.00	35.98 -1.03 0.00	35.61 -0.68 0.00
COFFEEN___115KV_TB3 355620	36.34 -0.89 0.00	39.42 -0.54 0.00	45.28 -0.30 0.00	41.97 -0.24 0.00	43.45 -0.03 0.00	42.85 0.12 0.00	59.58 1.08 0.00	58.67 1.06 0.00	73.07 0.80 0.00	63.78 0.79 0.00	58.61 -0.78 0.00	68.13 -0.62 0.00	60.26 -0.76 0.00	64.15 -1.74 0.00	56.73 -1.38 0.00	52.78 -0.65 0.00	58.56 -0.79 0.00	64.29 -1.64 0.00	54.82 -1.96 0.00	55.23 -2.18 0.00	48.89 -2.05 0.00	45.24 -2.16 0.00	35.22 -1.79 0.00	34.44 -1.85 0.00
COLDSPRG_115KV_BK1 355956	36.12 -1.11 0.00	38.70 -1.26 0.00	44.55 -1.02 0.00	41.17 -1.04 0.00	42.78 -0.70 0.00	42.25 -0.47 0.00	58.37 -0.14 0.00	57.32 -0.28 0.00	72.52 0.25 0.00	62.42 -0.57 0.00	59.24 -0.15 0.00	68.50 -0.25 0.00	60.64 -0.39 0.00	65.26 -0.63 0.00	58.16 0.04 0.00	53.31 -0.13 0.00	58.72 -0.63 0.00	65.73 -0.20 0.00	55.85 -0.93 0.00	56.56 -0.84 0.00	49.98 -0.95 0.00	47.01 -0.38 0.00	37.20 0.19 0.00	36.74 0.44 0.00
COLONIE_LFGE___ 323577	38.82 1.58 0.00	41.62 1.66 0.00	47.28 1.70 0.00	43.94 1.73 0.00	45.14 1.66 0.00	44.37 1.65 0.00	60.55 2.04 0.00	59.69 2.08 0.00	75.00 2.69 -0.04	65.70 2.26 -0.45	61.99 2.27 -0.34	71.46 2.71 0.00	63.29 2.26 0.00	68.79 2.91 0.00	60.45 2.33 0.00	56.60 2.32 -0.86	65.50 2.70 -3.44	70.07 3.60 -0.54	59.79 3.01 0.00	60.34 2.94 0.00	53.56 2.63 0.00	52.57 2.32 -2.86	38.78 1.77 0.00	38.04 1.75 0.00
COOPERNY_115KV_TB1 80082	37.94 0.71 0.00	40.65 0.70 0.00	46.27 0.69 0.00	42.89 0.68 0.00	44.20 0.72 0.00	43.46 0.73 0.00	59.61 1.11 0.00	59.07 1.47 0.00	73.98 1.85 0.13	63.03 1.60 1.56	59.88 1.65 1.15	70.74 1.99 0.00	62.71 1.69 0.00	67.75 1.87 0.00	59.77 1.66 0.00	52.08 1.60 2.96	49.32 1.86 11.89	66.84 2.78 1.87	58.86 2.08 0.00	59.27 1.87 0.00	52.64 1.71 0.00	38.41 1.47 10.46	38.05 1.04 0.00	37.22 0.93 0.00
COPENHAGEN_WT_PWR 323753	35.70 -1.54 0.00	38.84 -1.12 0.00	44.71 -0.87 0.00	41.50 -0.72 0.00	42.98 -0.50 0.00	42.36 -0.36 0.00	58.82 0.32 0.00	57.86 0.26 0.00	71.87 -0.40 0.00	63.05 0.06 0.00	57.90 -1.49 0.00	67.47 -1.28 0.00	59.74 -1.29 0.00	63.58 -2.30 0.00	56.22 -1.90 0.00	52.16 -1.27 0.00	57.58 -1.78 0.00	62.90 -3.03 0.00	53.63 -3.15 0.00	54.03 -3.38 0.00	47.87 -3.07 0.00	44.34 -3.05 0.00	34.58 -2.43 0.00	33.81 -2.48 0.00
CORNELL_____ 23752	37.44 0.20 0.00	40.16 0.20 0.00	45.88 0.29 0.00	42.35 0.14 0.00	43.87 0.38 0.00	42.95 0.23 0.00	59.29 0.79 0.00	58.31 0.71 0.00	72.98 0.71 0.00	63.49 0.50 0.00	59.83 0.44 0.00	69.21 0.45 0.00	61.43 0.40 0.00	66.26 0.38 0.00	58.75 0.64 0.00	53.90 0.47 0.00	60.00 0.66 0.01	67.02 1.29 0.20	57.53 0.76 0.00	58.19 0.79 0.00	51.49 0.56 0.00	47.87 0.47 0.00	37.32 0.31 0.00	36.56 0.27 0.00

CORONA V_69_KV_TB1 355595	39.43 2.19 0.00	42.10 2.14 0.00	47.73 2.15 0.00	44.29 2.08 0.00	45.60 2.12 0.00	45.07 2.35 0.00	61.66 3.15 0.00	61.35 3.75 0.00	76.71 4.27 -0.17	68.64 3.65 -2.00	64.89 4.03 -1.48	73.53 4.77 0.00	65.21 4.19 0.00	70.53 4.65 0.00	62.24 4.13 0.00	61.18 4.00 -3.75	78.70 4.32 -15.03	74.33 6.03 -2.37	61.85 5.08 0.00	62.38 4.98 0.00	55.41 4.47 0.00	63.82 3.90 -12.53	39.84 2.83 0.00	38.80 2.51 0.00
CORTLAND_115KV_TB3 80093	37.09 -0.14 0.00	39.85 -0.10 0.00	45.53 -0.05 0.00	42.03 -0.18 0.00	43.50 0.02 0.00	42.61 -0.11 0.00	58.77 0.26 0.00	58.03 0.42 0.00	72.65 0.38 0.00	63.26 0.27 0.00	59.63 0.24 0.00	68.97 0.22 0.00	61.21 0.18 0.00	66.02 0.13 0.00	58.44 0.32 0.00	53.65 0.22 0.00	59.67 0.31 0.00	66.61 0.68 0.00	57.10 0.32 0.00	57.63 0.23 0.00	51.01 0.08 0.00	47.46 0.07 0.00	37.02 0.01 0.00	36.26 -0.03 0.00
COXSACKIE__GT 23611	39.82 2.58 0.00	42.70 2.75 0.00	48.61 3.03 0.00	45.15 2.94 0.00	46.46 2.97 0.00	45.66 2.94 0.00	62.37 3.86 0.00	61.78 4.18 0.00	77.71 5.42 -0.02	67.80 4.55 -0.26	63.83 4.25 -0.19	73.72 4.97 0.00	65.47 4.44 0.00	70.95 5.08 0.00	62.44 4.33 0.00	58.09 4.23 -0.43	66.05 5.05 -1.65	72.43 6.24 -0.26	61.95 5.17 0.00	62.26 4.86 0.00	55.12 4.18 0.00	52.69 3.70 -1.60	39.85 2.85 0.00	38.98 2.69 0.00
CPV_VALLEY__CC1 323721	38.02 0.78 0.00	40.70 0.74 0.00	46.26 0.68 0.00	42.91 0.70 0.00	44.21 0.74 0.00	43.51 0.78 0.00	59.68 1.18 0.00	59.22 1.61 0.00	73.86 1.79 0.20	62.26 1.59 2.33	59.34 1.67 1.72	70.80 2.04 0.00	62.74 1.71 0.00	67.79 1.91 0.00	59.79 1.67 0.00	50.67 1.63 4.39	43.66 1.92 17.61	66.10 2.94 2.77	59.11 2.33 0.00	59.52 2.11 0.00	52.91 1.97 0.00	34.23 1.70 14.86	38.22 1.21 0.00	37.36 1.07 0.00
CPV_VALLEY__CC2 323722	38.02 0.78 0.00	40.70 0.74 0.00	46.26 0.68 0.00	42.91 0.70 0.00	44.21 0.74 0.00	43.51 0.78 0.00	59.68 1.18 0.00	59.22 1.61 0.00	73.86 1.79 0.20	62.26 1.59 2.33	59.34 1.67 1.72	70.80 2.04 0.00	62.74 1.71 0.00	67.79 1.91 0.00	59.79 1.67 0.00	50.67 1.63 4.39	43.66 1.92 17.61	66.10 2.94 2.77	59.11 2.33 0.00	59.52 2.11 0.00	52.91 1.97 0.00	34.23 1.70 14.86	38.22 1.21 0.00	37.36 1.07 0.00
CRESCENT__HYD 24018	38.82 1.58 0.00	41.62 1.66 0.00	47.28 1.70 0.00	43.94 1.73 0.00	45.14 1.66 0.00	44.37 1.65 0.00	60.55 2.04 0.00	59.69 2.08 0.00	75.00 2.69 -0.04	65.70 2.26 -0.45	61.99 2.27 -0.34	71.46 2.71 0.00	63.29 2.26 0.00	68.79 2.91 0.00	60.45 2.33 0.00	56.60 2.32 -0.86	65.50 2.70 -3.44	70.07 3.60 -0.54	59.79 3.01 0.00	60.34 2.94 0.00	53.56 2.63 0.00	52.57 2.32 -2.86	38.78 1.77 0.00	38.04 1.75 0.00
CRICKET__VALLEY_CC1 323756	38.49 1.25 0.00	41.10 1.14 0.00	46.67 1.09 0.00	43.30 1.09 0.00	44.56 1.08 0.00	43.92 1.19 0.00	60.12 1.62 0.00	59.66 2.06 0.00	74.87 2.49 -0.11	66.55 2.23 -1.33	62.76 2.39 -0.98	71.65 2.90 0.00	63.41 2.39 0.00	68.67 2.79 0.00	60.45 2.33 0.00	58.30 2.36 -2.51	72.23 2.79 -10.08	71.52 4.00 -1.59	60.04 3.27 0.00	60.45 3.05 0.00	53.77 2.84 0.00	58.14 2.43 -8.32	38.78 1.78 0.00	37.87 1.58 0.00
CRICKET__VALLEY_CC2 323757	38.49 1.25 0.00	41.10 1.14 0.00	46.67 1.09 0.00	43.30 1.09 0.00	44.56 1.08 0.00	43.92 1.19 0.00	60.12 1.62 0.00	59.66 2.06 0.00	74.87 2.49 -0.11	66.55 2.23 -1.33	62.76 2.39 -0.98	71.65 2.90 0.00	63.41 2.39 0.00	68.67 2.79 0.00	60.45 2.33 0.00	58.30 2.36 -2.51	72.23 2.79 -10.08	71.52 4.00 -1.59	60.04 3.27 0.00	60.45 3.05 0.00	53.77 2.84 0.00	58.14 2.43 -8.32	38.78 1.78 0.00	37.87 1.58 0.00
CRICKET__VALLEY_CC3 323758	38.49 1.25 0.00	41.10 1.14 0.00	46.67 1.09 0.00	43.30 1.09 0.00	44.56 1.08 0.00	43.92 1.19 0.00	60.12 1.62 0.00	59.66 2.06 0.00	74.87 2.49 -0.11	66.55 2.23 -1.33	62.76 2.39 -0.98	71.65 2.90 0.00	63.41 2.39 0.00	68.67 2.79 0.00	60.45 2.33 0.00	58.30 2.36 -2.51	72.23 2.79 -10.08	71.52 4.00 -1.59	60.04 3.27 0.00	60.45 3.05 0.00	53.77 2.84 0.00	58.14 2.43 -8.32	38.78 1.78 0.00	37.87 1.58 0.00
CRUCIBLE_METL_DRP 24180	36.58 -0.65 0.00	39.21 -0.74 0.00	44.77 -0.81 0.00	41.43 -0.78 0.00	42.80 -0.68 0.00	42.03 -0.70 0.00	57.79 -0.71 0.00	57.04 -0.57 0.00	71.51 -0.76 0.00	62.21 -0.78 0.00	58.63 -0.76 0.00	67.81 -0.94 0.00	60.14 -0.88 0.00	64.96 -0.92 0.00	57.54 -0.57 0.00	52.88 -0.55 0.00	58.80 -0.55 0.00	65.53 -0.40 0.00	56.26 -0.52 0.00	56.82 -0.59 0.00	50.34 -0.60 0.00	46.81 -0.59 0.00	36.56 -0.45 0.00	35.83 -0.46 0.00
DAHOWA__HYDRO 323763	39.48 2.24 0.00	42.33 2.37 0.00	48.09 2.51 0.00	44.64 2.43 0.00	45.89 2.41 0.00	45.10 2.38 0.00	61.77 3.27 0.00	60.93 3.32 0.00	76.51 4.20 -0.04	66.94 3.52 -0.43	63.26 3.55 -0.32	72.95 4.20 0.00	64.64 3.61 0.00	70.81 4.93 0.00	62.19 4.08 0.00	58.20 3.95 -0.81	67.23 4.62 -3.26	72.21 5.76 -0.52	61.66 4.88 0.00	62.25 4.85 0.00	55.15 4.22 0.00	53.82 3.71 -2.71	39.78 2.77 0.00	39.05 2.76 0.00
DANC__LFGE 323619	35.86 -1.38 0.00	38.80 -1.16 0.00	44.51 -1.07 0.00	41.25 -0.97 0.00	42.67 -0.81 0.00	42.00 -0.72 0.00	58.07 -0.43 0.00	57.19 -0.41 0.00	71.31 -0.96 0.00	62.40 -0.59 0.00	57.82 -1.57 0.00	67.19 -1.56 0.00	59.54 -1.49 0.00	63.70 -2.18 0.00	56.35 -1.77 0.00	52.14 -1.30 0.00	57.72 -1.64 0.00	63.48 -2.45 0.00	54.27 -2.50 0.00	54.75 -2.66 0.00	48.52 -2.41 0.00	45.06 -2.33 0.00	35.15 -1.86 0.00	34.41 -1.88 0.00
DANSKAMMER__1 23586	39.09 1.86 0.00	41.78 1.82 0.00	47.45 1.87 0.00	44.01 1.80 0.00	45.35 1.87 0.00	44.70 1.98 0.00	61.39 2.89 0.00	61.01 3.40 0.00	76.41 4.14 0.00	66.63 3.64 0.00	63.02 3.63 0.00	72.97 4.22 0.00	64.48 3.45 0.00	69.50 3.62 0.00	61.21 3.10 0.00	56.45 3.02 0.00	62.90 3.54 0.00	70.98 5.04 0.00	60.95 4.17 0.00	61.22 3.82 0.00	54.73 3.80 0.00	50.79 3.40 0.00	39.45 2.45 0.00	38.50 2.20 0.00
DANSKAMMER__2 23589	39.09 1.86 0.00	41.78 1.82 0.00	47.45 1.87 0.00	44.01 1.80 0.00	45.35 1.87 0.00	44.70 1.98 0.00	61.39 2.89 0.00	61.01 3.40 0.00	76.41 4.14 0.00	66.63 3.64 0.00	63.02 3.63 0.00	72.97 4.22 0.00	64.48 3.45 0.00	69.50 3.62 0.00	61.21 3.10 0.00	56.45 3.02 0.00	62.90 3.54 0.00	70.98 5.04 0.00	60.95 4.17 0.00	61.22 3.82 0.00	54.73 3.80 0.00	50.79 3.40 0.00	39.45 2.45 0.00	38.50 2.20 0.00
DANSKAMMER__3 23590	39.09 1.86 0.00	41.78 1.82 0.00	47.45 1.87 0.00	44.01 1.80 0.00	45.35 1.87 0.00	44.70 1.98 0.00	61.39 2.89 0.00	61.01 3.40 0.00	76.41 4.14 0.00	66.63 3.64 0.00	63.02 3.63 0.00	72.97 4.22 0.00	64.48 3.45 0.00	69.50 3.62 0.00	61.21 3.10 0.00	56.45 3.02 0.00	62.90 3.54 0.00	70.98 5.04 0.00	60.95 4.17 0.00	61.22 3.82 0.00	54.73 3.80 0.00	50.79 3.40 0.00	39.45 2.45 0.00	38.50 2.20 0.00

DANSKAMMER___4 23591	39.09 1.86 0.00	41.78 1.82 0.00	47.45 1.87 0.00	44.01 1.80 0.00	45.35 1.87 0.00	44.70 1.98 0.00	61.39 2.89 0.00	61.01 3.40 0.00	76.41 4.14 0.00	66.63 3.64 0.00	63.02 3.63 0.00	72.97 4.22 0.00	64.48 3.45 0.00	69.50 3.62 0.00	61.21 3.10 0.00	56.45 3.02 0.00	62.90 3.54 0.00	70.98 5.04 0.00	60.95 4.17 0.00	61.22 3.82 0.00	54.73 3.80 0.00	50.79 3.40 0.00	39.45 2.45 0.00	38.50 2.20 0.00
DANSKAMMER___DIESEL 23592	39.09 1.86 0.00	41.78 1.82 0.00	47.45 1.87 0.00	44.01 1.80 0.00	45.35 1.87 0.00	44.70 1.98 0.00	61.39 2.89 0.00	61.01 3.40 0.00	76.41 4.14 0.00	66.64 3.65 0.00	63.01 3.62 0.00	72.98 4.23 0.00	64.47 3.45 0.00	69.50 3.62 0.00	61.22 3.10 0.00	56.45 3.02 0.00	62.90 3.55 0.00	70.98 5.05 0.00	60.95 4.17 0.00	61.22 3.82 0.00	54.73 3.79 0.00	50.80 3.40 0.00	39.45 2.44 0.00	38.50 2.20 0.00
DARBY___SOLAR 323810	39.34 2.10 0.00	42.18 2.22 0.00	47.92 2.34 0.00	44.49 2.28 0.00	45.74 2.26 0.00	44.94 2.22 0.00	61.55 3.04 0.00	60.71 3.10 0.00	76.22 3.92 -0.04	66.71 3.28 -0.44	63.01 3.30 -0.32	72.64 3.89 0.00	64.39 3.36 0.00	70.48 4.59 0.00	61.92 3.81 0.00	57.96 3.71 -0.82	66.98 4.34 -3.29	71.91 5.46 -0.52	61.39 4.61 0.00	61.97 4.57 0.00	54.92 3.98 0.00	53.64 3.51 -2.74	39.64 2.63 0.00	38.90 2.61 0.00
DASHVILLE___HYD 23610	39.40 2.16 0.00	42.07 2.11 0.00	47.80 2.22 0.00	44.32 2.11 0.00	45.68 2.20 0.00	45.05 2.32 0.00	61.98 3.47 0.00	61.70 4.09 0.00	77.30 5.05 0.02	67.27 4.47 0.18	63.71 4.46 0.13	74.04 5.28 0.00	65.50 4.48 0.00	70.71 4.82 0.00	62.34 4.22 0.00	56.92 4.06 0.57	61.54 4.78 2.59	71.91 6.39 0.40	62.03 5.26 0.00	62.31 4.91 0.00	55.50 4.56 0.00	50.02 3.97 1.34	39.85 2.84 0.00	38.83 2.54 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	40.31 3.08 0.00	43.07 3.11 0.00	48.77 3.19 0.00	45.27 3.05 0.00	46.58 3.10 0.00	46.17 3.45 0.00	62.66 4.16 0.00	62.20 4.60 0.00	77.82 5.39 -0.17	69.69 4.71 -2.00	66.27 5.41 -1.48	75.45 6.70 0.00	67.12 6.09 0.00	72.58 6.70 0.00	64.09 5.98 0.00	62.94 5.76 -3.75	80.68 6.31 -15.03	76.16 7.86 -2.37	63.33 6.55 0.00	64.18 6.78 0.00	56.70 5.76 0.00	64.58 4.66 -12.53	40.16 3.16 0.00	38.76 2.47 0.00
DELAWARE___LFGE 323621	38.01 0.78 0.00	40.84 0.88 0.00	46.61 1.03 0.00	43.10 0.88 0.00	44.47 0.99 0.00	43.57 0.85 0.00	59.90 1.39 0.00	59.35 1.75 0.00	74.16 1.92 0.03	64.21 1.54 0.31	60.56 1.41 0.23	70.42 1.67 0.00	62.46 1.43 0.00	67.39 1.50 0.00	59.54 1.43 0.00	54.12 1.28 0.59	58.44 1.47 2.38	67.57 2.00 0.36	58.44 1.66 0.00	58.93 1.53 0.00	52.26 1.33 0.00	47.01 1.15 1.53	37.80 0.79 0.00	37.02 0.73 0.00
DERFIELD_115KV_TB7 355931	37.27 0.04 0.00	40.01 0.05 0.00	45.63 0.05 0.00	42.27 0.06 0.00	43.56 0.08 0.00	42.76 0.03 0.00	58.52 0.01 0.00	57.72 0.11 0.00	72.35 0.08 0.00	63.11 0.12 0.00	59.50 0.12 0.00	68.90 0.15 0.00	61.15 0.12 0.00	66.05 0.17 0.00	58.23 0.11 0.00	53.54 0.11 0.00	59.48 0.12 0.00	66.25 0.31 0.00	56.99 0.21 0.00	57.58 0.17 0.00	51.09 0.15 0.00	47.53 0.13 0.00	37.08 0.07 0.00	36.35 0.06 0.00
DOGLEVILLE___HYD 23807	37.49 0.25 0.00	40.24 0.28 0.00	45.74 0.16 0.00	42.37 0.16 0.00	43.73 0.25 0.00	42.90 0.18 0.00	58.65 0.15 0.00	57.97 0.37 0.00	72.83 0.56 0.00	63.36 0.37 0.00	59.65 0.27 0.00	69.24 0.49 0.00	61.34 0.31 0.00	66.64 0.77 0.00	58.53 0.41 0.00	53.97 0.53 0.00	60.21 0.86 0.00	67.67 1.74 0.00	58.09 1.31 0.00	58.47 1.07 0.00	51.88 0.94 0.00	47.89 0.49 0.00	37.34 0.33 0.00	36.48 0.19 0.00
DUNKIRK___115KV_TB_200 55889	35.09 -2.14 0.00	37.62 -2.34 0.00	43.28 -2.31 0.00	39.93 -2.28 0.00	41.46 -2.02 0.00	41.18 -1.54 0.00	56.91 -1.60 0.00	55.85 -1.76 0.00	70.87 -1.40 0.00	60.75 -2.24 0.00	57.44 -1.95 0.00	66.31 -2.45 0.00	58.68 -2.35 0.00	63.33 -2.55 0.00	56.50 -1.61 0.00	51.95 -1.48 0.00	57.28 -2.07 0.00	63.55 -2.38 0.00	54.01 -2.77 0.00	54.77 -2.64 0.00	48.44 -2.49 0.00	45.60 -1.79 0.00	36.08 -0.93 0.00	35.71 -0.58 0.00
DUNKIRK___1 23563	35.09 -2.14 0.00	37.62 -2.34 0.00	43.28 -2.31 0.00	39.93 -2.28 0.00	41.46 -2.02 0.00	41.18 -1.54 0.00	56.91 -1.60 0.00	55.85 -1.76 0.00	70.87 -1.40 0.00	60.75 -2.24 0.00	57.44 -1.95 0.00	66.31 -2.45 0.00	58.68 -2.35 0.00	63.33 -2.55 0.00	56.50 -1.61 0.00	51.95 -1.48 0.00	57.28 -2.07 0.00	63.55 -2.38 0.00	54.01 -2.77 0.00	54.77 -2.64 0.00	48.44 -2.49 0.00	45.60 -1.79 0.00	36.08 -0.93 0.00	35.71 -0.58 0.00
DUNKIRK___2 23564	35.09 -2.14 0.00	37.62 -2.34 0.00	43.28 -2.31 0.00	39.93 -2.28 0.00	41.46 -2.02 0.00	41.18 -1.54 0.00	56.91 -1.60 0.00	55.85 -1.76 0.00	70.87 -1.40 0.00	60.75 -2.24 0.00	57.44 -1.95 0.00	66.31 -2.45 0.00	58.68 -2.35 0.00	63.33 -2.55 0.00	56.50 -1.61 0.00	51.95 -1.48 0.00	57.28 -2.07 0.00	63.55 -2.38 0.00	54.01 -2.77 0.00	54.77 -2.64 0.00	48.44 -2.49 0.00	45.60 -1.79 0.00	36.08 -0.93 0.00	35.71 -0.58 0.00
DUNKIRK___3 23565	35.19 -2.04 0.00	37.70 -2.26 0.00	43.36 -2.22 0.00	40.01 -2.21 0.00	41.51 -1.98 0.00	40.99 -1.73 0.00	56.41 -2.09 0.00	55.22 -2.38 0.00	70.18 -2.09 0.00	60.31 -2.68 0.00	57.01 -2.38 0.00	65.82 -2.93 0.00	58.29 -2.74 0.00	62.90 -2.98 0.00	55.98 -2.14 0.00	51.50 -1.93 0.00	57.07 -2.28 0.00	63.32 -2.61 0.00	53.84 -2.94 0.00	54.54 -2.87 0.00	48.19 -2.74 0.00	45.40 -2.00 0.00	35.93 -1.08 0.00	35.55 -0.74 0.00
DUNKIRK___4 23566	35.19 -2.04 0.00	37.70 -2.26 0.00	43.36 -2.22 0.00	40.01 -2.21 0.00	41.51 -1.98 0.00	40.99 -1.73 0.00	56.41 -2.09 0.00	55.22 -2.38 0.00	70.18 -2.09 0.00	60.31 -2.68 0.00	57.01 -2.38 0.00	65.82 -2.93 0.00	58.29 -2.74 0.00	62.90 -2.98 0.00	55.98 -2.14 0.00	51.50 -1.93 0.00	57.07 -2.28 0.00	63.32 -2.61 0.00	53.84 -2.94 0.00	54.54 -2.87 0.00	48.19 -2.74 0.00	45.40 -2.00 0.00	35.93 -1.08 0.00	35.55 -0.74 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.91 1.67 0.00	41.59 1.63 0.00	47.21 1.63 0.00	43.80 1.58 0.00	45.10 1.62 0.00	44.46 1.73 0.00	60.97 2.46 0.00	60.60 2.99 0.00	76.02 3.58 -0.17	68.15 3.16 -2.00	64.09 3.22 -1.48	72.65 3.90 0.00	64.38 3.35 0.00	69.61 3.73 0.00	61.36 3.25 0.00	60.35 3.16 -3.76	78.02 3.59 -15.07	73.28 4.98 -2.38	60.84 4.06 0.00	61.24 3.83 0.00	54.48 3.55 0.00	63.09 3.13 -12.57	39.27 2.26 0.00	38.33 2.04 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.70 1.46 0.00	41.37 1.41 0.00	47.01 1.43 0.00	43.60 1.39 0.00	44.94 1.46 0.00	44.27 1.54 0.00	60.80 2.30 0.00	60.41 2.81 0.00	75.50 3.32 0.09	64.85 2.94 1.09	61.55 2.97 0.81	72.27 3.52 0.00	63.98 2.95 0.00	69.05 3.17 0.00	60.89 2.77 0.00	53.91 2.68 2.20	53.48 3.15 9.02	69.01 4.50 1.42	60.44 3.66 0.00	60.77 3.37 0.00	54.13 3.20 0.00	43.15 2.79 7.03	39.00 2.00 0.00	38.08 1.80 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	39.09 1.85 0.00	41.77 1.81 0.00	47.44 1.85 0.00	43.99 1.77 0.00	45.24 1.76 0.00	44.64 1.92 0.00	61.23 2.73 0.00	60.97 3.36 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.44 3.58 -1.48	73.04 4.28 0.00	64.72 3.70 0.00	70.05 4.17 0.00	61.72 3.61 0.00	60.69 3.50 -3.75	78.38 3.97 -15.05	73.80 5.49 -2.37	61.22 4.44 0.00	61.62 4.22 0.00	54.82 3.88 0.00	63.36 3.42 -12.55	39.50 2.49 0.00	38.53 2.24 0.00
E179THST_13_KV_LOAD 356214	39.23 2.00 0.00	41.92 1.97 0.00	47.61 2.03 0.00	44.14 1.93 0.00	45.41 1.93 0.00	44.79 2.07 0.00	61.48 2.97 0.00	61.22 3.62 0.00	76.79 4.36 -0.17	68.79 3.80 -2.00	64.73 3.87 -1.48	73.39 4.64 0.00	65.03 4.01 0.00	70.39 4.51 0.00	62.01 3.90 0.00	60.96 3.77 -3.75	78.68 4.27 -15.05	74.15 5.84 -2.37	61.52 4.75 0.00	61.91 4.51 0.00	55.06 4.13 0.00	63.59 3.65 -12.55	39.67 2.66 0.00	38.68 2.39 0.00
EAST HAMPTON___GT 23717	40.54 3.31 0.00	43.37 3.42 0.00	49.13 3.55 0.00	45.60 3.39 0.00	46.86 3.38 0.00	46.43 3.70 0.00	62.64 4.14 0.00	61.98 4.38 0.00	77.88 5.44 -0.17	69.90 4.91 -2.00	66.71 5.84 -1.48	76.14 7.39 0.00	67.69 6.66 0.00	73.17 7.29 0.00	64.59 6.48 0.00	63.43 6.25 -3.75	81.23 6.85 -15.03	76.41 8.10 -2.37	63.29 6.51 0.00	64.29 6.89 0.00	56.63 5.69 0.00	64.34 4.42 -12.53	39.76 2.76 0.00	38.15 1.86 0.00
EAST RIVER___6 23660	39.07 1.84 0.00	41.76 1.81 0.00	47.38 1.80 0.00	43.89 1.67 0.00	45.21 1.73 0.00	44.60 1.87 0.00	61.17 2.67 0.00	60.89 3.29 0.00	76.44 4.00 -0.17	68.60 3.61 -2.00	64.48 3.61 -1.48	73.12 4.37 0.00	64.79 3.77 0.00	70.08 4.20 0.00	61.80 3.69 0.00	60.80 3.61 -3.76	78.47 4.06 -15.06	73.83 5.53 -2.38	61.26 4.48 0.00	61.58 4.17 0.00	54.82 3.88 0.00	63.41 3.46 -12.56	39.49 2.48 0.00	38.54 2.24 0.00
EAST RIVER___7 23524	39.07 1.84 0.00	41.76 1.81 0.00	47.38 1.80 0.00	43.89 1.67 0.00	45.21 1.73 0.00	44.60 1.87 0.00	61.17 2.67 0.00	60.89 3.29 0.00	76.44 4.00 -0.17	68.60 3.61 -2.00	64.48 3.61 -1.48	73.12 4.37 0.00	64.79 3.77 0.00	70.08 4.20 0.00	61.80 3.69 0.00	60.80 3.61 -3.76	78.47 4.06 -15.06	73.83 5.53 -2.38	61.26 4.48 0.00	61.58 4.17 0.00	54.82 3.88 0.00	63.41 3.46 -12.56	39.49 2.48 0.00	38.54 2.24 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.82 1.58 0.00	41.49 1.54 0.00	47.11 1.53 0.00	43.71 1.50 0.00	45.01 1.53 0.00	44.37 1.65 0.00	60.83 2.33 0.00	60.46 2.85 0.00	75.82 3.37 -0.17	68.03 2.99 -2.06	63.98 3.07 -1.52	72.46 3.71 0.00	64.20 3.17 0.00	69.43 3.55 0.00	61.20 3.09 0.00	60.30 3.00 -3.87	78.27 3.42 -15.49	73.17 4.80 -2.44	60.67 3.90 0.00	61.07 3.67 0.00	54.34 3.40 0.00	63.31 2.99 -12.92	39.16 2.15 0.00	38.23 1.94 0.00
EAST_HAMPTON___DIESEL 23722	40.53 3.30 0.00	43.36 3.41 0.00	49.13 3.55 0.00	45.59 3.38 0.00	46.85 3.37 0.00	46.41 3.69 0.00	62.58 4.07 0.00	61.89 4.29 0.00	77.78 5.34 -0.17	69.83 4.85 -2.00	66.66 5.80 -1.48	76.12 7.37 0.00	67.69 6.66 0.00	73.15 7.27 0.00	64.57 6.46 0.00	63.43 6.25 -3.75	81.21 6.82 -15.03	76.33 8.03 -2.37	63.20 6.42 0.00	64.23 6.82 0.00	56.54 5.61 0.00	64.25 4.33 -12.53	39.67 2.66 0.00	38.04 1.74 0.00
EAST_POINT___SOLAR 323840	39.40 2.17 0.00	42.25 2.30 0.00	48.32 2.74 0.00	44.73 2.52 0.00	46.16 2.68 0.00	45.46 2.73 0.00	62.93 4.43 0.00	62.18 4.57 0.00	77.62 5.33 -0.03	67.65 4.37 -0.29	63.08 3.47 -0.22	72.85 4.10 0.00	64.79 3.76 0.00	70.04 4.16 0.00	61.66 3.55 0.00	57.46 3.47 -0.55	65.82 4.27 -2.21	71.32 5.04 -0.35	61.00 4.22 0.00	61.52 4.12 0.00	54.41 3.47 0.00	52.35 3.06 -1.90	39.12 2.12 0.00	38.18 1.89 0.00
EAST_PULASKI___ESR 323781	36.05 -1.19 0.00	38.79 -1.17 0.00	44.34 -1.24 0.00	41.04 -1.17 0.00	42.41 -1.07 0.00	41.69 -1.03 0.00	57.42 -1.09 0.00	56.59 -1.01 0.00	70.85 -1.42 0.00	61.81 -1.18 0.00	57.82 -1.56 0.00	66.97 -1.79 0.00	59.42 -1.60 0.00	63.90 -1.98 0.00	56.53 -1.58 0.00	52.18 -1.25 0.00	57.94 -1.41 0.00	64.15 -1.78 0.00	55.01 -1.77 0.00	55.49 -1.91 0.00	49.23 -1.70 0.00	45.79 -1.60 0.00	35.74 -1.26 0.00	35.02 -1.27 0.00
EAST_RIVER___1 323558	39.05 1.82 0.00	41.74 1.78 0.00	47.35 1.77 0.00	43.91 1.70 0.00	45.22 1.74 0.00	44.60 1.87 0.00	61.17 2.67 0.00	60.88 3.27 0.00	76.40 3.96 -0.17	68.52 3.53 -2.00	64.41 3.55 -1.48	73.06 4.31 0.00	64.73 3.70 0.00	70.01 4.13 0.00	61.73 3.61 0.00	60.71 3.52 -3.76	78.40 3.98 -15.06	73.74 5.43 -2.38	61.18 4.40 0.00	61.53 4.13 0.00	54.78 3.85 0.00	63.37 3.42 -12.56	39.48 2.47 0.00	38.52 2.23 0.00
EAST_RIVER___2 323559	39.07 1.84 0.00	41.76 1.81 0.00	47.38 1.80 0.00	43.89 1.67 0.00	45.21 1.73 0.00	44.60 1.87 0.00	61.17 2.67 0.00	60.89 3.29 0.00	76.44 4.00 -0.17	68.60 3.61 -2.00	64.48 3.61 -1.48	73.12 4.37 0.00	64.79 3.77 0.00	70.08 4.20 0.00	61.80 3.69 0.00	60.80 3.61 -3.76	78.47 4.06 -15.06	73.83 5.53 -2.38	61.26 4.48 0.00	61.58 4.17 0.00	54.82 3.88 0.00	63.41 3.46 -12.56	39.49 2.48 0.00	38.54 2.24 0.00
EAST___DELAWARE_HYD 23607	39.33 2.10 0.00	42.05 2.09 0.00	47.80 2.22 0.00	44.33 2.12 0.00	45.71 2.23 0.00	45.05 2.33 0.00	62.00 3.49 0.00	61.61 4.01 0.00	77.18 4.98 0.07	66.52 4.38 0.85	63.06 4.31 0.63	73.78 5.03 0.00	65.38 4.35 0.00	70.54 4.66 0.00	62.22 4.11 0.00	55.53 3.87 1.78	56.59 4.59 7.35	70.82 6.04 1.15	61.73 4.95 0.00	62.05 4.64 0.00	55.15 4.22 0.00	45.21 3.72 5.90	39.67 2.66 0.00	38.70 2.40 0.00
EIGHT_POINT___WT_PWR 323820	35.12 -2.12 0.00	38.34 -1.62 0.00	44.25 -1.34 0.00	41.07 -1.14 0.00	42.72 -0.76 0.00	41.61 -1.12 0.00	57.56 -0.94 0.00	57.13 -0.48 0.00	72.16 -0.11 0.00	62.28 -0.71 0.00	58.44 -0.95 0.00	67.16 -1.59 0.00	59.13 -1.90 0.00	63.76 -2.12 0.00	56.15 -1.96 0.00	50.99 -2.44 0.00	56.71 -2.65 0.00	63.35 -2.58 0.00	53.68 -3.10 0.00	53.67 -3.73 0.00	46.76 -4.17 0.00	43.83 -3.57 0.00	34.51 -2.50 0.00	33.99 -2.30 0.00
ELBRIDGE_115KV_TB2 80188	36.41 -0.83 0.00	39.02 -0.94 0.00	44.53 -1.05 0.00	41.23 -0.98 0.00	42.62 -0.86 0.00	41.82 -0.91 0.00	57.45 -1.06 0.00	56.70 -0.91 0.00	71.10 -1.17 0.00	61.81 -1.18 0.00	58.29 -1.10 0.00	67.42 -1.34 0.00	59.75 -1.28 0.00	64.54 -1.34 0.00	57.20 -0.92 0.00	52.52 -0.91 0.00	58.40 -0.95 0.00	65.11 -0.82 0.00	55.94 -0.84 0.00	56.50 -0.91 0.00	50.05 -0.88 0.00	46.51 -0.88 0.00	36.36 -0.65 0.00	35.65 -0.64 0.00
ELEC_TRO_TEK 24086	39.25 2.01 0.00	41.93 1.98 0.00	47.53 1.95 0.00	44.10 1.88 0.00	45.42 1.94 0.00	44.88 2.16 0.00	61.37 2.86 0.00	61.04 3.44 0.00	76.33 3.89 -0.17	68.36 3.38 -2.00	64.55 3.68 -1.48	73.16 4.41 0.00	64.90 3.87 0.00	70.20 4.32 0.00	61.94 3.82 0.00	60.89 3.71 -3.75	78.42 4.05 -15.03	73.97 5.67 -2.37	61.52 4.74 0.00	62.05 4.65 0.00	55.12 4.19 0.00	63.56 3.64 -12.53	39.65 2.64 0.00	38.61 2.32 0.00

ELLENBURG_WT_PWR 323604	37.40 0.16 0.00	40.12 0.16 0.00	45.90 0.32 0.00	42.38 0.16 0.00	43.41 -0.07 0.00	43.20 0.48 0.00	59.35 0.84 0.00	58.15 0.54 0.00	73.20 0.93 0.00	63.45 0.46 0.00	59.90 0.52 0.00	69.65 0.89 0.00	62.08 1.05 0.00	66.86 0.98 0.00	58.72 0.60 0.00	53.74 0.31 0.00	59.64 0.29 0.00	65.51 -0.42 0.00	55.73 -1.05 0.00	56.47 -0.93 0.00	49.77 -1.16 0.00	46.13 -1.26 0.00	35.92 -1.09 0.00	35.31 -0.98 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.13 -2.10 0.00	37.55 -2.41 0.00	43.18 -2.40 0.00	39.82 -2.40 0.00	41.23 -2.25 0.00	40.55 -2.18 0.00	55.51 -3.00 0.00	54.17 -3.43 0.00	69.01 -3.26 0.00	59.42 -3.57 0.00	56.15 -3.24 0.00	64.82 -3.94 0.00	57.50 -3.53 0.00	61.96 -3.92 0.00	55.01 -3.10 0.00	50.70 -2.74 0.00	56.20 -3.15 0.00	62.22 -3.71 0.00	52.98 -3.80 0.00	53.53 -3.87 0.00	47.28 -3.65 0.00	44.57 -2.83 0.00	35.27 -1.74 0.00	34.94 -1.35 0.00
EMPIRE_CC_1 323656	38.18 0.94 0.00	41.01 1.05 0.00	46.55 0.97 0.00	43.42 1.21 0.00	44.55 1.06 0.00	43.75 1.03 0.00	59.45 0.95 0.00	58.64 1.03 0.00	73.61 1.30 -0.05	64.68 1.16 -0.53	60.95 1.17 -0.39	70.23 1.48 0.00	62.19 1.17 0.00	67.44 1.56 0.00	59.22 1.11 0.00	55.66 1.23 -1.01	64.82 1.43 -4.04	68.83 2.26 -0.64	58.65 1.87 0.00	59.14 1.73 0.00	52.56 1.63 0.00	52.19 1.45 -3.35	38.15 1.14 0.00	37.43 1.14 0.00
EMPIRE_CC_2 323658	38.18 0.94 0.00	41.01 1.05 0.00	46.55 0.97 0.00	43.42 1.21 0.00	44.55 1.06 0.00	43.75 1.03 0.00	59.45 0.95 0.00	58.64 1.03 0.00	73.61 1.30 -0.05	64.68 1.16 -0.53	60.95 1.17 -0.39	70.23 1.48 0.00	62.19 1.17 0.00	67.44 1.56 0.00	59.22 1.11 0.00	55.66 1.23 -1.01	64.82 1.43 -4.04	68.83 2.26 -0.64	58.65 1.87 0.00	59.14 1.73 0.00	52.56 1.63 0.00	52.19 1.45 -3.35	38.15 1.14 0.00	37.43 1.14 0.00
ENORWICH_115KV_TB1 80156	39.53 2.29 0.00	42.35 2.40 0.00	48.45 2.87 0.00	44.62 2.40 0.00	46.38 2.90 0.00	45.42 2.70 0.00	63.48 4.97 0.00	67.25 9.64 0.00	81.87 9.65 0.04	70.03 7.51 0.47	65.31 6.27 0.35	76.07 7.32 0.00	67.69 6.66 0.00	72.28 6.40 0.00	64.24 6.13 0.00	58.05 5.51 0.90	61.85 6.09 3.59	69.37 3.85 0.41	61.55 4.77 0.00	60.37 2.97 0.00	53.36 2.42 0.00	48.26 1.98 1.12	38.27 1.27 0.00	37.41 1.12 0.00
ERIE_ST_34_KV_TB1-2 80199	36.30 -0.94 0.00	38.78 -1.18 0.00	44.57 -1.00 0.00	41.09 -1.12 0.00	42.61 -0.87 0.00	41.81 -0.91 0.00	57.32 -1.18 0.00	56.03 -1.58 0.00	71.33 -0.94 0.00	61.50 -1.49 0.00	58.20 -1.19 0.00	67.13 -1.62 0.00	59.62 -1.41 0.00	64.22 -1.66 0.00	57.02 -1.10 0.00	52.44 -0.99 0.00	58.10 -1.25 0.00	64.56 -1.38 0.00	54.98 -1.80 0.00	55.49 -1.92 0.00	48.97 -1.96 0.00	46.14 -1.25 0.00	36.46 -0.55 0.00	36.05 -0.24 0.00
ERIE_WT_PWR 323693	35.49 -1.75 0.00	37.90 -2.06 0.00	43.61 -1.97 0.00	40.22 -2.00 0.00	41.68 -1.80 0.00	40.92 -1.80 0.00	56.10 -2.40 0.00	53.61 -2.78 1.21	44.33 -2.38 25.55	60.15 -2.84 0.00	56.80 -2.59 0.00	65.57 -3.18 0.00	58.18 -2.85 0.00	62.73 -3.15 0.00	55.68 -2.43 0.00	51.28 -2.15 0.00	56.89 -2.46 0.00	63.04 -2.89 0.00	53.64 -3.14 0.00	54.18 -3.22 0.00	47.81 -3.12 0.00	45.11 -2.28 0.00	35.68 -1.32 0.00	35.32 -0.97 0.00
ESPRGFLD_115KV_TB1 80157	38.41 1.17 0.00	41.23 1.27 0.00	47.19 1.61 0.00	43.63 1.42 0.00	45.07 1.58 0.00	44.31 1.58 0.00	61.35 2.85 0.00	60.69 3.08 0.00	76.00 3.73 0.00	66.15 3.16 0.00	62.03 2.64 0.00	71.79 3.04 0.00	63.77 2.74 0.00	68.48 2.60 0.00	60.48 2.36 0.00	55.59 2.15 0.00	61.77 2.42 0.00	68.64 2.70 0.00	58.98 2.20 0.00	59.34 1.94 0.00	52.48 1.54 0.00	48.78 1.39 0.00	37.88 0.88 0.00	37.00 0.71 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.36 0.12 0.00	40.07 0.12 0.00	45.78 0.21 0.00	42.27 0.05 0.00	43.78 0.30 0.00	42.87 0.15 0.00	59.15 0.65 0.00	58.19 0.58 0.00	72.82 0.55 0.00	63.35 0.36 0.00	59.70 0.31 0.00	69.05 0.30 0.00	61.28 0.25 0.00	66.09 0.21 0.00	58.60 0.49 0.00	53.75 0.32 0.00	59.83 0.49 0.01	66.84 1.11 0.20	57.39 0.61 0.00	58.07 0.67 0.00	51.36 0.43 0.00	47.75 0.35 0.00	37.23 0.23 0.00	36.47 0.18 0.00
ETNA____115KV_TB2 80207	37.36 0.12 0.00	40.07 0.12 0.00	45.78 0.21 0.00	42.27 0.05 0.00	43.78 0.30 0.00	42.87 0.15 0.00	59.15 0.65 0.00	58.19 0.58 0.00	72.82 0.55 0.00	63.35 0.36 0.00	59.70 0.31 0.00	69.05 0.30 0.00	61.28 0.25 0.00	66.09 0.21 0.00	58.60 0.49 0.00	53.75 0.32 0.00	59.83 0.49 0.01	66.84 1.11 0.20	57.39 0.61 0.00	58.07 0.67 0.00	51.36 0.43 0.00	47.75 0.35 0.00	37.23 0.23 0.00	36.47 0.18 0.00
EUCLID____115KV_TB2 356179	36.14 -1.09 0.00	38.77 -1.19 0.00	44.27 -1.31 0.00	40.94 -1.27 0.00	42.27 -1.21 0.00	41.51 -1.21 0.00	57.04 -1.46 0.00	56.25 -1.36 0.00	70.57 -1.70 0.00	61.43 -1.56 0.00	57.88 -1.51 0.00	66.96 -1.79 0.00	59.43 -1.60 0.00	64.17 -1.72 0.00	56.74 -1.37 0.00	52.20 -1.23 0.00	58.02 -1.34 0.00	64.61 -1.32 0.00	55.48 -1.30 0.00	56.02 -1.38 0.00	49.64 -1.29 0.00	46.19 -1.20 0.00	36.08 -0.93 0.00	35.39 -0.91 0.00
E_CANADA_CAP_HY 24051	38.71 1.47 0.00	41.55 1.59 0.00	47.55 1.97 0.00	44.04 1.83 0.00	45.44 1.96 0.00	44.75 2.03 0.00	61.88 3.37 0.00	61.03 3.43 0.00	76.31 4.02 -0.02	66.69 3.46 -0.24	62.49 2.92 -0.18	72.09 3.34 0.00	64.07 3.04 0.00	68.93 3.05 0.00	60.70 2.59 0.00	56.30 2.42 -0.46	64.00 2.82 -1.83	69.33 3.10 -0.29	59.31 2.53 0.00	59.85 2.45 0.00	52.95 2.02 0.00	50.85 1.84 -1.62	38.23 1.22 0.00	37.31 1.02 0.00
E_CANADA_MHWK_HY 24050	37.49 0.25 0.00	40.24 0.28 0.00	45.74 0.16 0.00	42.37 0.16 0.00	43.73 0.25 0.00	42.90 0.18 0.00	58.65 0.15 0.00	57.97 0.37 0.00	72.83 0.56 0.00	63.36 0.37 0.00	59.65 0.27 0.00	69.24 0.49 0.00	61.34 0.31 0.00	66.64 0.77 0.00	58.53 0.41 0.00	53.97 0.53 0.00	60.21 0.86 0.00	67.67 1.74 0.00	58.09 1.31 0.00	58.47 1.07 0.00	51.88 0.94 0.00	47.89 0.49 0.00	37.34 0.33 0.00	36.48 0.19 0.00
E_FISHKILL____LBMP 23776	38.72 1.48 0.00	41.39 1.43 0.00	47.00 1.42 0.00	43.59 1.38 0.00	44.89 1.41 0.00	44.23 1.50 0.00	60.60 2.09 0.00	60.18 2.58 0.00	75.47 3.08 -0.12	67.16 2.71 -1.46	63.27 2.81 -1.08	72.16 3.40 0.00	63.90 2.87 0.00	69.15 3.27 0.00	60.93 2.81 0.00	58.94 2.75 -2.76	73.59 3.17 -11.08	72.12 4.44 -1.75	60.41 3.63 0.00	60.82 3.42 0.00	54.10 3.17 0.00	59.33 2.78 -9.17	39.02 2.02 0.00	38.09 1.80 0.00
FALCON____SEABRD_CC1 323796	37.65 0.41 0.00	40.41 0.45 0.00	46.17 0.59 0.00	42.71 0.50 0.00	43.70 0.21 0.00	43.43 0.71 0.00	59.79 1.28 0.00	58.65 1.05 0.00	73.89 1.62 0.00	64.04 1.05 0.00	60.45 1.06 0.00	70.24 1.48 0.00	62.51 1.49 0.00	67.41 1.53 0.00	59.18 1.07 0.00	54.18 0.74 0.00	60.15 0.80 0.00	66.15 0.22 0.00	56.24 -0.54 0.00	56.89 -0.51 0.00	50.13 -0.81 0.00	46.50 -0.89 0.00	36.19 -0.82 0.00	35.56 -0.73 0.00

FALCON___SEABRD_CC2 323797	37.65 0.41 0.00	40.41 0.45 0.00	46.17 0.59 0.00	42.71 0.50 0.00	43.70 0.21 0.00	43.43 0.71 0.00	59.79 1.28 0.00	58.65 1.05 0.00	73.89 1.62 0.00	64.04 1.05 0.00	60.45 1.06 0.00	70.24 1.48 0.00	62.51 1.49 0.00	67.41 1.53 0.00	59.18 1.07 0.00	54.18 0.74 0.00	60.15 0.80 0.00	66.15 0.22 0.00	56.24 -0.54 0.00	56.89 -0.51 0.00	50.13 -0.81 0.00	46.50 -0.89 0.00	36.19 -0.82 0.00	35.56 -0.73 0.00
FAR ROCKAWAY___4 23548	39.71 2.47 0.00	42.40 2.45 0.00	48.05 2.46 0.00	44.57 2.36 0.00	45.91 2.42 0.00	45.40 2.67 0.00	62.14 3.64 0.00	61.86 4.26 0.00	77.31 4.88 -0.17	69.00 4.02 -2.00	65.44 4.57 -1.48	74.16 5.41 0.00	65.81 4.78 0.00	71.16 5.28 0.00	62.79 4.68 0.00	61.70 4.52 -3.75	79.15 4.77 -15.03	74.87 6.57 -2.37	62.43 5.65 0.00	62.93 5.53 0.00	55.87 4.94 0.00	64.22 4.30 -12.53	40.14 3.13 0.00	39.07 2.78 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.08 1.84 0.00	41.76 1.80 0.00	47.39 1.81 0.00	43.94 1.73 0.00	45.26 1.77 0.00	44.63 1.91 0.00	61.22 2.71 0.00	60.91 3.31 0.00	76.46 4.02 -0.17	68.55 3.56 -2.00	64.45 3.59 -1.48	73.09 4.33 0.00	64.76 3.73 0.00	70.03 4.15 0.00	61.75 3.64 0.00	60.72 3.54 -3.76	78.41 4.00 -15.06	73.77 5.46 -2.38	61.21 4.43 0.00	61.57 4.16 0.00	54.80 3.87 0.00	63.40 3.45 -12.56	39.50 2.49 0.00	38.55 2.26 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.04 1.80 0.00	41.72 1.76 0.00	47.33 1.75 0.00	43.90 1.69 0.00	45.21 1.73 0.00	44.59 1.86 0.00	61.15 2.64 0.00	60.84 3.23 0.00	76.33 3.89 -0.17	68.44 3.46 -2.00	64.34 3.48 -1.48	72.98 4.23 0.00	64.65 3.62 0.00	69.94 4.06 0.00	61.66 3.54 0.00	60.66 3.47 -3.76	78.32 3.90 -15.06	73.67 5.37 -2.38	61.12 4.34 0.00	61.47 4.07 0.00	54.73 3.80 0.00	63.33 3.38 -12.56	39.45 2.45 0.00	38.49 2.20 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.06 1.83 0.00	41.74 1.78 0.00	47.36 1.77 0.00	43.92 1.70 0.00	45.24 1.76 0.00	44.61 1.89 0.00	61.18 2.68 0.00	60.89 3.29 0.00	76.40 3.97 -0.17	68.51 3.52 -2.00	64.40 3.54 -1.48	73.06 4.30 0.00	64.71 3.68 0.00	70.01 4.13 0.00	61.72 3.60 0.00	60.71 3.52 -3.76	78.39 3.98 -15.06	73.74 5.43 -2.38	61.17 4.40 0.00	61.53 4.12 0.00	54.76 3.83 0.00	63.36 3.41 -12.56	39.49 2.48 0.00	38.52 2.22 0.00
FARRAGUT___LBMP 323566	39.04 1.80 0.00	41.72 1.76 0.00	47.33 1.75 0.00	43.90 1.69 0.00	45.21 1.73 0.00	44.59 1.86 0.00	61.15 2.64 0.00	60.84 3.23 0.00	76.33 3.89 -0.17	68.44 3.46 -2.00	64.34 3.48 -1.48	72.98 4.23 0.00	64.65 3.62 0.00	69.94 4.06 0.00	61.66 3.54 0.00	60.66 3.47 -3.76	78.32 3.90 -15.06	73.67 5.37 -2.38	61.12 4.34 0.00	61.47 4.07 0.00	54.73 3.80 0.00	63.33 3.38 -12.56	39.45 2.45 0.00	38.49 2.20 0.00
FENNER___WINDPWR 24204	37.43 0.19 0.00	40.26 0.30 0.00	46.04 0.46 0.00	42.55 0.34 0.00	44.05 0.57 0.00	43.28 0.55 0.00	59.66 1.16 0.00	58.83 1.22 0.00	73.69 1.42 0.00	64.20 1.21 0.00	60.46 1.08 0.00	69.93 1.17 0.00	61.98 0.95 0.00	66.87 0.99 0.00	59.00 0.89 0.00	54.16 0.73 0.00	60.18 0.83 0.00	66.89 0.96 0.00	57.40 0.62 0.00	57.90 0.50 0.00	51.30 0.37 0.00	47.68 0.29 0.00	37.18 0.17 0.00	36.39 0.10 0.00
FIBERTEK___ENERGY 23856	36.58 -0.65 0.00	39.21 -0.74 0.00	44.77 -0.81 0.00	41.43 -0.78 0.00	42.80 -0.68 0.00	42.03 -0.70 0.00	57.79 -0.71 0.00	57.04 -0.57 0.00	71.51 -0.76 0.00	62.21 -0.78 0.00	58.63 -0.76 0.00	67.81 -0.94 0.00	60.14 -0.88 0.00	64.96 -0.92 0.00	57.54 -0.57 0.00	52.88 -0.55 0.00	58.80 -0.55 0.00	65.53 -0.40 0.00	56.26 -0.52 0.00	56.82 -0.59 0.00	50.34 -0.60 0.00	46.81 -0.59 0.00	36.56 -0.45 0.00	35.83 -0.46 0.00
FITZPATRICK____ 23598	35.69 -1.55 0.00	38.29 -1.67 0.00	43.69 -1.89 0.00	40.44 -1.77 0.00	41.71 -1.77 0.00	40.96 -1.76 0.00	56.20 -2.31 0.00	55.38 -2.22 0.00	69.50 -2.77 0.00	60.52 -2.47 0.00	57.03 -2.36 0.00	65.99 -2.76 0.00	58.56 -2.46 0.00	63.21 -2.67 0.00	55.88 -2.23 0.00	51.41 -2.03 0.00	57.12 -2.23 0.00	63.57 -2.36 0.00	54.61 -2.17 0.00	55.17 -2.23 0.00	48.92 -2.01 0.00	45.52 -1.88 0.00	35.55 -1.46 0.00	34.88 -1.41 0.00
FLOWRFLD_69_KV_BK1 356044	39.84 2.60 0.00	42.49 2.54 0.00	48.11 2.53 0.00	44.65 2.44 0.00	46.00 2.52 0.00	45.59 2.87 0.00	62.24 3.73 0.00	61.98 4.38 0.00	76.95 4.51 -0.17	68.76 3.77 -2.00	65.19 4.33 -1.48	74.04 5.28 0.00	66.11 5.09 0.00	71.49 5.61 0.00	63.12 5.00 0.00	62.01 4.83 -3.75	79.43 5.05 -15.03	75.15 6.85 -2.37	62.83 6.06 0.00	63.54 6.14 0.00	56.31 5.37 0.00	64.42 4.50 -12.53	40.24 3.23 0.00	39.06 2.77 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.17 1.93 0.00	41.86 1.90 0.00	47.54 1.96 0.00	44.10 1.89 0.00	45.44 1.96 0.00	44.80 2.07 0.00	61.51 3.01 0.00	61.15 3.54 0.00	76.60 4.30 -0.03	67.08 3.79 -0.29	63.38 3.77 -0.22	73.17 4.42 0.00	64.67 3.64 0.00	69.75 3.87 0.00	61.45 3.34 0.00	57.13 3.23 -0.46	64.88 3.78 -1.75	71.48 5.27 -0.28	61.16 4.38 0.00	61.44 4.03 0.00	54.86 3.93 0.00	52.65 3.51 -1.74	39.54 2.54 0.00	38.57 2.29 0.00
FORT ORANGE____ 23900	38.34 1.10 0.00	41.15 1.20 0.00	46.80 1.22 0.00	43.49 1.28 0.00	44.70 1.22 0.00	43.87 1.15 0.00	59.63 1.12 0.00	58.88 1.28 0.00	73.92 1.62 -0.04	64.74 1.33 -0.42	61.02 1.33 -0.31	70.37 1.62 0.00	62.42 1.39 0.00	67.63 1.75 0.00	59.51 1.40 0.00	55.64 1.42 -0.78	64.22 1.74 -3.13	68.93 2.51 -0.49	58.82 2.04 0.00	59.34 1.94 0.00	52.67 1.73 0.00	51.58 1.55 -2.63	38.32 1.32 0.00	37.55 1.26 0.00
FORT_DRUM_COGEN 23780	36.13 -1.10 0.00	39.22 -0.73 0.00	45.07 -0.51 0.00	41.78 -0.43 0.00	43.24 -0.24 0.00	42.64 -0.08 0.00	59.20 0.70 0.00	58.25 0.64 0.00	72.50 0.23 0.00	63.40 0.41 0.00	58.35 -1.04 0.00	67.86 -0.89 0.00	60.05 -0.98 0.00	63.90 -1.98 0.00	56.44 -1.68 0.00	52.39 -1.04 0.00	58.04 -1.31 0.00	63.62 -2.31 0.00	54.25 -2.53 0.00	54.65 -2.76 0.00	48.38 -2.56 0.00	44.78 -2.61 0.00	34.91 -2.10 0.00	34.17 -2.12 0.00
FOX_HILLS___ESR 323835	39.24 2.01 0.00	41.94 1.99 0.00	47.61 2.03 0.00	44.15 1.94 0.00	45.44 1.96 0.00	44.78 2.06 0.00	61.41 2.91 0.00	61.03 3.43 0.00	76.46 4.03 -0.17	68.52 3.53 -2.00	64.43 3.57 -1.48	73.06 4.31 0.00	64.73 3.70 0.00	70.03 4.15 0.00	61.73 3.61 0.00	60.74 3.56 -3.75	78.43 4.03 -15.05	73.85 5.54 -2.37	61.28 4.50 0.00	61.66 4.26 0.00	54.92 3.98 0.00	63.54 3.60 -12.55	39.61 2.61 0.00	38.67 2.38 0.00
FPL FAR_ROCK_GT1 24212	39.71 2.47 0.00	42.41 2.45 0.00	48.04 2.46 0.00	44.58 2.37 0.00	45.90 2.42 0.00	45.40 2.67 0.00	62.14 3.64 0.00	61.86 4.25 0.00	77.31 4.87 -0.17	69.00 4.02 -2.00	65.44 4.57 -1.48	74.16 5.41 0.00	65.81 4.78 0.00	71.16 5.28 0.00	62.80 4.68 0.00	61.70 4.52 -3.75	79.15 4.77 -15.03	74.87 6.56 -2.37	62.43 5.65 0.00	62.93 5.52 0.00	55.87 4.94 0.00	64.22 4.30 -12.53	40.14 3.13 0.00	39.07 2.78 0.00

FPL FAR_ROCK_GT2 23815	39.71 2.47 0.00	42.41 2.45 0.00	48.04 2.46 0.00	44.58 2.37 0.00	45.90 2.42 0.00	45.40 2.67 0.00	62.14 3.64 0.00	61.86 4.25 0.00	77.31 4.87 -0.17	69.00 4.02 -2.00	65.44 4.57 -1.48	74.16 5.41 0.00	65.81 4.78 0.00	71.16 5.28 0.00	62.80 4.68 0.00	61.70 4.52 -3.75	79.15 4.77 -15.03	74.87 6.56 -2.37	62.43 5.65 0.00	62.93 5.52 0.00	55.87 4.94 0.00	64.22 4.30 -12.53	40.14 3.13 0.00	39.07 2.78 0.00
FRANKLIN_FALL_HYD 24054	37.98 0.74 0.00	40.80 0.84 0.00	46.62 1.04 0.00	43.07 0.86 0.00	44.00 0.52 0.00	43.75 1.03 0.00	59.93 1.43 0.00	58.73 1.12 0.00	73.88 1.61 0.00	64.09 1.10 0.00	60.56 1.18 0.00	70.10 1.35 0.00	62.44 1.41 0.00	66.86 0.98 0.00	58.36 0.24 0.00	53.51 0.08 0.00	59.66 0.30 0.00	65.56 -0.37 0.00	55.90 -0.88 0.00	56.57 -0.83 0.00	49.85 -1.09 0.00	46.10 -1.29 0.00	35.98 -1.03 0.00	35.53 -0.76 0.00
FREEPORT_EQUS_GT1 23764	39.54 2.30 0.00	42.22 2.26 0.00	47.84 2.27 0.00	44.37 2.16 0.00	45.69 2.21 0.00	45.22 2.49 0.00	61.62 3.12 0.00	61.29 3.68 0.00	76.58 4.14 -0.17	68.53 3.54 -2.00	64.78 3.92 -1.48	73.40 4.65 0.00	65.16 4.13 0.00	70.47 4.59 0.00	62.19 4.08 0.00	61.16 3.98 -3.75	78.71 4.33 -15.03	74.31 6.01 -2.37	61.84 5.06 0.00	62.48 5.07 0.00	55.60 4.66 0.00	63.95 4.03 -12.53	39.94 2.94 0.00	38.86 2.57 0.00
FREEPORT___CT2 23818	39.54 2.30 0.00	42.22 2.26 0.00	47.84 2.27 0.00	44.37 2.16 0.00	45.69 2.21 0.00	45.22 2.49 0.00	61.62 3.12 0.00	61.29 3.68 0.00	76.58 4.14 -0.17	68.53 3.54 -2.00	64.78 3.92 -1.48	73.40 4.65 0.00	65.16 4.13 0.00	70.47 4.59 0.00	62.19 4.08 0.00	61.16 3.98 -3.75	78.71 4.33 -15.03	74.31 6.01 -2.37	61.84 5.06 0.00	62.48 5.07 0.00	55.60 4.66 0.00	63.95 4.03 -12.53	39.94 2.94 0.00	38.86 2.57 0.00
FRESHKLS_33_KV_LOAD 356253	39.27 2.04 0.00	41.98 2.02 0.00	47.66 2.08 0.00	44.19 1.98 0.00	45.48 2.00 0.00	44.84 2.12 0.00	61.48 2.97 0.00	61.06 3.45 0.00	76.46 4.02 -0.17	68.50 3.51 -2.00	64.40 3.53 -1.48	73.01 4.26 0.00	64.71 3.68 0.00	70.01 4.14 0.00	61.70 3.58 0.00	60.73 3.55 -3.75	78.43 4.02 -15.05	73.85 5.54 -2.37	61.29 4.51 0.00	61.67 4.27 0.00	54.93 4.00 0.00	63.53 3.59 -12.55	39.61 2.60 0.00	38.68 2.40 0.00
FULTON COGEN____ 23766	35.95 -1.29 0.00	38.56 -1.39 0.00	44.01 -1.56 0.00	40.72 -1.49 0.00	42.05 -1.44 0.00	41.30 -1.42 0.00	56.78 -1.73 0.00	56.01 -1.60 0.00	70.26 -2.01 0.00	61.14 -1.86 0.00	57.53 -1.86 0.00	66.62 -2.13 0.00	59.11 -1.92 0.00	63.84 -2.04 0.00	56.48 -1.64 0.00	51.99 -1.44 0.00	57.79 -1.57 0.00	64.36 -1.57 0.00	55.26 -1.52 0.00	55.80 -1.60 0.00	49.43 -1.50 0.00	46.00 -1.39 0.00	35.91 -1.10 0.00	35.21 -1.08 0.00
FULTON___LFGE 323630	39.09 1.86 0.00	41.94 1.98 0.00	47.91 2.33 0.00	44.35 2.14 0.00	45.76 2.28 0.00	45.02 2.30 0.00	62.16 3.65 0.00	61.43 3.82 0.00	76.86 4.57 -0.03	67.13 3.83 -0.31	62.94 3.33 -0.23	72.45 3.69 0.00	64.41 3.38 0.00	69.61 3.73 0.00	61.39 3.27 0.00	57.09 3.08 -0.57	65.32 3.67 -2.30	70.68 4.38 -0.37	60.43 3.65 0.00	60.95 3.55 0.00	53.96 3.03 0.00	52.06 2.70 -1.97	38.88 1.87 0.00	37.97 1.68 0.00
G.F.CEMENT___DRP 24184	39.64 2.40 0.00	42.47 2.51 0.00	48.26 2.68 0.00	44.78 2.56 0.00	46.03 2.55 0.00	45.22 2.50 0.00	62.03 3.53 0.00	61.22 3.61 0.00	76.89 4.59 -0.04	67.26 3.84 -0.42	63.61 3.91 -0.31	73.36 4.60 0.00	65.05 4.03 0.00	71.67 5.79 0.00	62.95 4.83 0.00	58.93 4.70 -0.80	68.04 5.49 -3.20	73.23 6.80 -0.51	62.56 5.78 0.00	63.18 5.78 0.00	55.93 4.99 0.00	54.44 4.38 -2.67	40.27 3.26 0.00	39.55 3.26 0.00
GARDENVILLE___LBMP 24039	35.31 -1.93 0.00	37.74 -2.21 0.00	43.40 -2.18 0.00	40.03 -2.18 0.00	41.48 -2.01 0.00	40.77 -1.95 0.00	55.87 -2.64 0.00	54.58 -3.03 0.00	69.48 -2.79 0.00	59.84 -3.15 0.00	56.55 -2.83 0.00	65.29 -3.47 0.00	57.88 -3.15 0.00	62.40 -3.48 0.00	55.40 -2.71 0.00	51.02 -2.41 0.00	56.56 -2.79 0.00	62.67 -3.26 0.00	53.36 -3.42 0.00	53.88 -3.52 0.00	47.58 -3.35 0.00	44.86 -2.53 0.00	35.50 -1.51 0.00	35.15 -1.14 0.00
GARDNVLA_35_KV_LD 355827	35.53 -1.71 0.00	37.96 -2.00 0.00	43.66 -1.92 0.00	40.26 -1.96 0.00	41.71 -1.77 0.00	40.97 -1.75 0.00	56.16 -2.35 0.00	54.87 -2.74 0.00	69.89 -2.38 0.00	60.20 -2.80 0.00	56.88 -2.51 0.00	65.65 -3.11 0.00	58.22 -2.80 0.00	62.76 -3.12 0.00	55.74 -2.37 0.00	51.35 -2.08 0.00	56.94 -2.41 0.00	63.09 -2.85 0.00	53.71 -3.07 0.00	54.24 -3.17 0.00	47.88 -3.05 0.00	45.15 -2.24 0.00	35.71 -1.29 0.00	35.35 -0.94 0.00
GELCKHM___115KV_LOAD 80723	36.31 -0.93 0.00	38.94 -1.02 0.00	44.46 -1.12 0.00	41.13 -1.08 0.00	42.47 -1.01 0.00	41.72 -1.01 0.00	57.33 -1.17 0.00	56.54 -1.06 0.00	70.93 -1.33 0.00	61.74 -1.25 0.00	58.18 -1.21 0.00	67.30 -1.45 0.00	59.70 -1.32 0.00	64.47 -1.41 0.00	57.05 -1.07 0.00	52.46 -0.97 0.00	58.31 -1.04 0.00	64.96 -0.97 0.00	55.78 -0.99 0.00	56.32 -1.08 0.00	49.90 -1.03 0.00	46.43 -0.96 0.00	36.27 -0.74 0.00	35.55 -0.74 0.00
GENERAL___MILLS 23808	35.47 -1.77 0.00	37.91 -2.05 0.00	43.60 -1.98 0.00	40.21 -2.01 0.00	41.66 -1.83 0.00	40.92 -1.80 0.00	56.09 -2.41 0.00	54.78 -2.82 0.00	69.76 -2.51 0.00	60.09 -2.90 0.00	56.79 -2.59 0.00	65.55 -3.20 0.00	58.14 -2.88 0.00	62.66 -3.22 0.00	55.64 -2.48 0.00	51.25 -2.18 0.00	56.84 -2.52 0.00	62.98 -2.95 0.00	53.60 -3.18 0.00	54.13 -3.27 0.00	47.80 -3.14 0.00	45.06 -2.33 0.00	35.65 -1.35 0.00	35.30 -0.99 0.00
GE_PLASTICS___DRP 24183	38.08 0.84 0.00	40.90 0.94 0.00	46.55 0.97 0.00	43.21 1.00 0.00	44.43 0.95 0.00	43.59 0.87 0.00	59.35 0.85 0.00	58.58 0.98 0.00	73.52 1.22 -0.04	64.40 0.99 -0.42	60.72 1.02 -0.31	70.04 1.29 0.00	62.09 1.06 0.00	67.24 1.36 0.00	59.18 1.07 0.00	55.32 1.10 -0.79	63.83 1.31 -3.17	68.40 1.97 -0.50	58.38 1.60 0.00	58.92 1.52 0.00	52.31 1.38 0.00	51.28 1.24 -2.65	38.03 1.03 0.00	37.27 0.98 0.00
GILBOA___1 23756	38.07 0.84 0.00	41.03 1.07 0.00	46.85 1.27 0.00	43.29 1.08 0.00	44.56 1.07 0.00	43.48 0.75 0.00	59.50 1.00 0.00	58.82 1.22 0.00	73.74 1.44 -0.02	64.37 1.12 -0.25	60.74 1.16 -0.19	70.17 1.41 0.00	62.19 1.16 0.00	67.30 1.42 0.00	59.37 1.26 0.00	55.07 1.16 -0.48	62.58 1.29 -1.94	68.21 1.97 -0.31	58.42 1.64 0.00	59.01 1.61 0.00	52.40 1.47 0.00	50.28 1.29 -1.60	37.98 0.96 0.00	37.22 0.93 0.00
GILBOA___2 23757	38.07 0.84 0.00	41.03 1.07 0.00	46.85 1.27 0.00	43.29 1.08 0.00	44.56 1.07 0.00	43.48 0.75 0.00	59.50 1.00 0.00	58.82 1.22 0.00	73.74 1.44 -0.02	64.37 1.12 -0.25	60.74 1.16 -0.19	70.17 1.41 0.00	62.19 1.16 0.00	67.30 1.42 0.00	59.37 1.26 0.00	55.07 1.16 -0.48	62.58 1.29 -1.94	68.21 1.97 -0.31	58.42 1.64 0.00	59.01 1.61 0.00	52.40 1.47 0.00	50.28 1.29 -1.60	37.98 0.96 0.00	37.22 0.93 0.00

GILBOA___3 23758	38.07 0.84 0.00	41.03 1.07 0.00	46.85 1.27 0.00	43.29 1.08 0.00	44.56 1.07 0.00	43.48 0.75 0.00	59.50 1.00 0.00	58.82 1.22 0.00	73.74 1.44 -0.02	64.37 1.12 -0.25	60.74 1.16 -0.19	70.17 1.41 0.00	62.19 1.16 0.00	67.30 1.42 0.00	59.37 1.26 0.00	55.07 1.16 -0.48	62.58 1.29 -1.94	68.21 1.97 -0.31	58.42 1.64 0.00	59.01 1.61 0.00	52.40 1.47 0.00	50.28 1.29 -1.60	37.98 0.96 0.00	37.22 0.93 0.00
GILBOA___4 23759	38.07 0.84 0.00	41.03 1.07 0.00	46.85 1.27 0.00	43.29 1.08 0.00	44.56 1.07 0.00	43.48 0.75 0.00	59.50 1.00 0.00	58.82 1.22 0.00	73.74 1.44 -0.02	64.37 1.12 -0.25	60.74 1.16 -0.19	70.17 1.41 0.00	62.19 1.16 0.00	67.30 1.42 0.00	59.37 1.26 0.00	55.07 1.16 -0.48	62.58 1.29 -1.94	68.21 1.97 -0.31	58.42 1.64 0.00	59.01 1.61 0.00	52.40 1.47 0.00	50.28 1.29 -1.60	37.98 0.96 0.00	37.22 0.93 0.00
GILBOA___ 23599	38.07 0.83 0.00	41.03 1.07 0.00	46.86 1.27 0.00	43.29 1.08 0.00	44.56 1.07 0.00	43.48 0.75 0.00	59.50 1.00 0.00	58.82 1.22 0.00	73.74 1.44 -0.02	64.37 1.12 -0.25	60.73 1.16 -0.19	70.17 1.41 0.00	62.19 1.17 0.00	67.30 1.42 0.00	59.37 1.25 0.00	55.07 1.16 -0.48	62.58 1.29 -1.94	68.21 1.97 -0.31	58.42 1.64 0.00	59.01 1.61 0.00	52.40 1.47 0.00	50.29 1.30 -1.60	37.98 0.97 0.00	37.22 0.93 0.00
GINNA___ 23603	34.20 -3.03 0.00	36.58 -3.38 0.00	41.88 -3.70 0.00	38.71 -3.51 0.00	40.00 -3.48 0.00	39.41 -3.32 0.00	54.10 -4.41 0.00	52.69 -4.48 0.44	57.88 -5.15 9.25	58.11 -4.87 0.00	54.82 -4.56 0.00	63.28 -5.47 0.00	56.24 -4.79 0.00	60.76 -5.12 0.00	53.79 -4.32 0.00	49.55 -3.88 0.00	55.10 -4.25 0.00	61.21 -4.72 0.00	52.35 -4.43 0.00	52.86 -4.55 0.00	46.74 -4.20 0.00	43.61 -3.78 0.00	34.17 -2.83 0.00	33.63 -2.66 0.00
GLEN PARK___ 23778	36.26 -0.98 0.00	39.33 -0.62 0.00	45.19 -0.39 0.00	41.89 -0.33 0.00	43.36 -0.12 0.00	42.77 0.04 0.00	59.44 0.94 0.00	58.51 0.91 0.00	72.87 0.60 0.00	63.64 0.65 0.00	58.49 -0.90 0.00	68.00 -0.76 0.00	60.15 -0.88 0.00	64.01 -1.87 0.00	56.60 -1.51 0.00	52.65 -0.78 0.00	58.38 -0.97 0.00	64.06 -1.88 0.00	54.62 -2.16 0.00	55.04 -2.36 0.00	48.71 -2.22 0.00	45.08 -2.31 0.00	35.11 -1.90 0.00	34.33 -1.96 0.00
GLENDALE_27_KV_LOAD 356172	39.21 1.98 0.00	41.90 1.95 0.00	47.54 1.96 0.00	44.09 1.87 0.00	45.39 1.91 0.00	44.78 2.06 0.00	61.45 2.95 0.00	61.18 3.57 0.00	76.77 4.33 -0.17	68.80 3.81 -2.00	64.68 3.81 -1.48	73.34 4.59 0.00	64.98 3.96 0.00	70.31 4.43 0.00	61.97 3.86 0.00	60.94 3.75 -3.75	78.63 4.23 -15.05	74.03 5.73 -2.37	61.44 4.66 0.00	61.80 4.40 0.00	55.01 4.08 0.00	63.58 3.64 -12.55	39.64 2.63 0.00	38.65 2.36 0.00
GLENWOOD_IC_1_G5 23712	39.23 2.00 0.00	41.90 1.94 0.00	47.53 1.95 0.00	44.08 1.87 0.00	45.41 1.93 0.00	44.85 2.12 0.00	61.36 2.86 0.00	60.65 3.05 0.00	75.99 3.55 -0.17	68.10 3.11 -2.00	64.21 3.34 -1.48	72.77 4.02 0.00	64.51 3.49 0.00	69.79 3.91 0.00	61.56 3.44 0.00	60.54 3.36 -3.75	78.11 3.73 -15.03	73.55 5.24 -2.37	61.11 4.33 0.00	61.58 4.18 0.00	54.88 3.95 0.00	63.53 3.61 -12.53	39.62 2.61 0.00	38.61 2.32 0.00
GLENWOOD_IC_2_G1 23688	39.05 1.82 0.00	41.73 1.77 0.00	47.34 1.75 0.00	43.92 1.70 0.00	45.23 1.75 0.00	44.64 1.91 0.00	61.13 2.62 0.00	60.75 3.14 0.00	76.10 3.67 -0.17	68.19 3.21 -2.00	64.25 3.39 -1.48	72.82 4.07 0.00	64.55 3.52 0.00	69.82 3.94 0.00	61.57 3.46 0.00	60.54 3.36 -3.75	78.14 3.76 -15.03	73.54 5.23 -2.37	61.09 4.31 0.00	61.54 4.13 0.00	54.73 3.80 0.00	63.25 3.33 -12.53	39.43 2.42 0.00	38.44 2.15 0.00
GLENWOOD_IC_3_G1 23689	39.05 1.82 0.00	41.73 1.77 0.00	47.34 1.75 0.00	43.92 1.70 0.00	45.23 1.75 0.00	44.64 1.91 0.00	61.13 2.62 0.00	60.75 3.14 0.00	76.10 3.67 -0.17	68.19 3.21 -2.00	64.25 3.39 -1.48	72.82 4.07 0.00	64.55 3.52 0.00	69.82 3.94 0.00	61.57 3.46 0.00	60.54 3.36 -3.75	78.14 3.76 -15.03	73.54 5.23 -2.37	61.09 4.31 0.00	61.54 4.13 0.00	54.73 3.80 0.00	63.25 3.33 -12.53	39.43 2.42 0.00	38.44 2.15 0.00
GLENWOOD___4 23550	39.23 2.00 0.00	41.90 1.94 0.00	47.53 1.95 0.00	44.08 1.87 0.00	45.41 1.93 0.00	44.85 2.12 0.00	61.37 2.87 0.00	60.80 3.20 0.00	76.17 3.74 -0.17	68.25 3.26 -2.00	64.35 3.48 -1.48	72.95 4.20 0.00	64.66 3.63 0.00	69.96 4.08 0.00	61.70 3.59 0.00	60.67 3.49 -3.75	78.26 3.88 -15.03	73.71 5.41 -2.37	61.25 4.47 0.00	61.71 4.31 0.00	54.95 4.02 0.00	63.53 3.61 -12.53	39.62 2.61 0.00	38.61 2.32 0.00
GLENWOOD___5 23614	39.23 2.00 0.00	41.90 1.94 0.00	47.53 1.95 0.00	44.08 1.87 0.00	45.41 1.93 0.00	44.85 2.12 0.00	61.37 2.87 0.00	60.80 3.20 0.00	76.17 3.74 -0.17	68.25 3.26 -2.00	64.35 3.48 -1.48	72.95 4.20 0.00	64.66 3.63 0.00	69.96 4.08 0.00	61.70 3.59 0.00	60.67 3.49 -3.75	78.26 3.88 -15.03	73.71 5.41 -2.37	61.25 4.47 0.00	61.71 4.31 0.00	54.95 4.02 0.00	63.53 3.61 -12.53	39.62 2.61 0.00	38.61 2.32 0.00
GLOBAL GREEN_PORT_GT1 23814	40.57 3.33 0.00	43.36 3.41 0.00	49.10 3.53 0.00	45.58 3.36 0.00	46.89 3.41 0.00	46.47 3.75 0.00	62.90 4.40 0.00	62.35 4.75 0.00	78.20 5.76 -0.17	70.09 5.11 -2.00	66.79 5.93 -1.48	76.12 7.37 0.00	67.70 6.67 0.00	73.21 7.32 0.00	64.63 6.52 0.00	63.44 6.26 -3.75	81.23 6.85 -15.03	76.65 8.35 -2.37	63.60 6.82 0.00	64.54 7.13 0.00	56.91 5.98 0.00	64.68 4.76 -12.53	40.12 3.11 0.00	38.59 2.30 0.00
GLOBE___DSASP 323697	34.22 -3.01 0.00	36.54 -3.42 0.00	42.00 -3.58 0.00	38.72 -3.50 0.00	40.02 -3.46 0.00	39.38 -3.34 0.00	53.43 -5.07 0.00	51.79 -5.82 0.00	66.07 -6.20 0.00	56.91 -6.09 0.00	53.77 -5.62 0.00	62.08 -6.68 0.00	55.04 -5.98 0.00	59.28 -6.60 0.00	52.61 -5.50 0.00	48.60 -4.84 0.00	53.87 -5.48 0.00	59.48 -6.45 0.00	50.67 -6.11 0.00	51.24 -6.16 0.00	45.32 -5.62 0.00	42.74 -4.65 0.00	33.91 -3.10 0.00	33.71 -2.58 0.00
GOETHSLN___LBMP 323567	38.88 1.64 0.00	41.55 1.60 0.00	47.13 1.55 0.00	43.72 1.51 0.00	45.02 1.54 0.00	44.41 1.68 0.00	60.83 2.33 0.00	60.54 2.93 0.00	75.90 3.46 -0.17	68.11 3.12 -2.00	63.99 3.13 -1.48	72.61 3.86 0.00	64.33 3.30 0.00	69.58 3.70 0.00	61.35 3.23 0.00	60.37 3.19 -3.76	77.99 3.58 -15.06	73.34 5.04 -2.38	60.85 4.07 0.00	61.20 3.79 0.00	54.50 3.56 0.00	63.13 3.18 -12.56	39.32 2.31 0.00	38.38 2.09 0.00
GOLAH___69_KV_TB 1_2 80279	35.81 -1.43 0.00	38.26 -1.70 0.00	43.83 -1.75 0.00	40.48 -1.73 0.00	41.84 -1.64 0.00	41.22 -1.50 0.00	56.53 -1.97 0.00	55.44 -2.17 0.00	70.25 -2.02 0.00	60.88 -2.11 0.00	57.28 -2.10 0.00	66.05 -2.70 0.00	58.65 -2.38 0.00	63.41 -2.46 0.00	56.19 -1.93 0.00	51.76 -1.67 0.00	57.55 -1.80 0.00	63.92 -2.01 0.00	54.63 -2.14 0.00	55.15 -2.25 0.00	48.74 -2.19 0.00	45.60 -1.79 0.00	35.80 -1.20 0.00	35.28 -1.01 0.00

GOODYEAR_LAKE_HYD 323669	38.26 1.02 0.00	41.08 1.12 0.00	46.93 1.35 0.00	43.37 1.16 0.00	44.79 1.31 0.00	43.94 1.21 0.00	60.61 2.11 0.00	60.06 2.46 0.00	75.20 2.95 0.02	65.24 2.43 0.19	61.37 2.12 0.14	71.24 2.49 0.00	63.23 2.20 0.00	68.08 2.20 0.00	60.16 2.05 0.00	54.93 1.86 0.36	60.00 2.11 1.45	68.33 2.62 0.21	58.93 2.16 0.00	59.30 1.89 0.00	52.52 1.59 0.00	48.76 1.37 0.00	37.92 0.91 0.00	37.09 0.80 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.86 -0.37 0.00	39.65 -0.31 0.00	45.36 -0.22 0.00	41.76 -0.45 0.00	43.30 -0.18 0.00	42.21 -0.52 0.00	58.27 -0.23 0.00	57.72 0.11 0.00	71.98 -0.27 0.02	62.53 -0.23 0.23	59.07 -0.15 0.17	68.58 -0.17 0.00	60.80 -0.22 0.00	65.48 -0.40 0.00	58.04 -0.07 0.00	52.72 -0.28 0.43	57.40 -0.23 1.72	65.85 0.18 0.27	56.64 -0.13 0.00	57.16 -0.24 0.00	50.56 -0.37 0.00	45.91 -0.30 1.19	36.75 -0.26 0.00	36.03 -0.26 0.00
GOUDEY___7 23579	36.86 -0.37 0.00	39.65 -0.31 0.00	45.36 -0.22 0.00	41.76 -0.45 0.00	43.30 -0.18 0.00	42.21 -0.52 0.00	58.27 -0.23 0.00	57.72 0.11 0.00	71.98 -0.27 0.02	62.53 -0.23 0.23	59.07 -0.15 0.17	68.58 -0.17 0.00	60.80 -0.22 0.00	65.48 -0.40 0.00	58.04 -0.07 0.00	52.72 -0.28 0.43	57.40 -0.23 1.72	65.85 0.18 0.27	56.64 -0.13 0.00	57.16 -0.24 0.00	50.56 -0.37 0.00	45.91 -0.30 1.19	36.75 -0.26 0.00	36.03 -0.26 0.00
GOUDEY___8 23580	36.86 -0.37 0.00	39.65 -0.31 0.00	45.36 -0.22 0.00	41.76 -0.45 0.00	43.30 -0.18 0.00	42.21 -0.52 0.00	58.27 -0.23 0.00	57.72 0.11 0.00	71.98 -0.27 0.02	62.53 -0.23 0.23	59.07 -0.15 0.17	68.58 -0.17 0.00	60.80 -0.22 0.00	65.48 -0.40 0.00	58.04 -0.07 0.00	52.72 -0.28 0.43	57.40 -0.23 1.72	65.85 0.18 0.27	56.64 -0.13 0.00	57.16 -0.24 0.00	50.56 -0.37 0.00	45.91 -0.30 1.19	36.75 -0.26 0.00	36.03 -0.26 0.00
GOWANUS_GT1_1 24077	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.04 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.60 3.74 -1.48	73.25 4.50 0.00	64.90 3.87 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.71 -3.75	78.59 4.19 -15.05	74.01 5.71 -2.37	61.41 4.63 0.00	61.78 4.38 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.70 2.41 0.00
GOWANUS_GT1_2 24078	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.04 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.60 3.74 -1.48	73.25 4.50 0.00	64.90 3.87 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.71 -3.75	78.59 4.19 -15.05	74.01 5.71 -2.37	61.41 4.63 0.00	61.78 4.38 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.70 2.41 0.00
GOWANUS_GT1_3 24079	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.04 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.60 3.74 -1.48	73.25 4.50 0.00	64.90 3.87 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.71 -3.75	78.59 4.19 -15.05	74.01 5.71 -2.37	61.41 4.63 0.00	61.78 4.38 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.70 2.41 0.00
GOWANUS_GT1_4 24080	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.04 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.60 3.74 -1.48	73.25 4.50 0.00	64.90 3.87 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.71 -3.75	78.59 4.19 -15.05	74.01 5.71 -2.37	61.41 4.63 0.00	61.78 4.38 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.70 2.41 0.00
GOWANUS_GT1_5 24084	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.04 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.60 3.74 -1.48	73.25 4.50 0.00	64.90 3.87 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.71 -3.75	78.59 4.19 -15.05	74.01 5.71 -2.37	61.41 4.63 0.00	61.78 4.38 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.70 2.41 0.00
GOWANUS_GT1_6 24111	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.04 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.60 3.74 -1.48	73.25 4.50 0.00	64.90 3.87 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.71 -3.75	78.59 4.19 -15.05	74.01 5.71 -2.37	61.41 4.63 0.00	61.78 4.38 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.70 2.41 0.00
GOWANUS_GT1_7 24112	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.04 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.60 3.74 -1.48	73.25 4.50 0.00	64.90 3.87 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.71 -3.75	78.59 4.19 -15.05	74.01 5.71 -2.37	61.41 4.63 0.00	61.78 4.38 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.70 2.41 0.00
GOWANUS_GT1_8 24113	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.04 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.60 3.74 -1.48	73.25 4.50 0.00	64.90 3.87 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.71 -3.75	78.59 4.19 -15.05	74.01 5.71 -2.37	61.41 4.63 0.00	61.78 4.38 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.70 2.41 0.00
GOWANUS_GT2_1 24114	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.95 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.57 3.71 -1.48	73.20 4.45 0.00	64.87 3.85 0.00	70.19 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.66 -2.37	61.39 4.61 0.00	61.76 4.36 0.00	54.98 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
GOWANUS_GT2_2 24115	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.95 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.57 3.71 -1.48	73.20 4.45 0.00	64.87 3.85 0.00	70.19 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.66 -2.37	61.39 4.61 0.00	61.76 4.36 0.00	54.98 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
GOWANUS_GT2_3 24116	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.95 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.57 3.71 -1.48	73.20 4.45 0.00	64.87 3.85 0.00	70.19 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.66 -2.37	61.39 4.61 0.00	61.76 4.36 0.00	54.98 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00

GOWANUS_GT2_4 24117	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.95 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.57 3.71 -1.48	73.20 4.45 0.00	64.87 3.85 0.00	70.19 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.66 -2.37	61.39 4.61 0.00	61.76 4.36 0.00	54.98 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
GOWANUS_GT2_5 24118	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.95 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.57 3.71 -1.48	73.20 4.45 0.00	64.87 3.85 0.00	70.19 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.66 -2.37	61.39 4.61 0.00	61.76 4.36 0.00	54.98 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
GOWANUS_GT2_6 24119	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.95 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.57 3.71 -1.48	73.20 4.45 0.00	64.87 3.85 0.00	70.19 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.66 -2.37	61.39 4.61 0.00	61.76 4.36 0.00	54.98 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
GOWANUS_GT2_7 24120	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.95 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.57 3.71 -1.48	73.20 4.45 0.00	64.87 3.85 0.00	70.19 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.66 -2.37	61.39 4.61 0.00	61.76 4.36 0.00	54.98 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
GOWANUS_GT2_8 24121	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.95 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.57 3.71 -1.48	73.20 4.45 0.00	64.87 3.85 0.00	70.19 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.66 -2.37	61.39 4.61 0.00	61.76 4.36 0.00	54.98 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
GOWANUS_GT3_1 24122	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
GOWANUS_GT3_2 24123	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
GOWANUS_GT3_3 24124	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
GOWANUS_GT3_4 24125	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
GOWANUS_GT3_5 24126	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
GOWANUS_GT3_6 24127	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
GOWANUS_GT3_7 24128	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
GOWANUS_GT3_8 24129	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
GOWANUS_GT4_1 24130	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.94 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.56 3.70 -1.48	73.20 4.45 0.00	64.87 3.84 0.00	70.18 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.67 -2.37	61.39 4.61 0.00	61.77 4.36 0.00	54.97 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
GOWANUS_GT4_2 24131	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.94 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.56 3.70 -1.48	73.20 4.45 0.00	64.87 3.84 0.00	70.18 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.67 -2.37	61.39 4.61 0.00	61.77 4.36 0.00	54.97 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00

GOWANUS_GT4_3 24132	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.94 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.56 3.70 -1.48	73.20 4.45 0.00	64.87 3.84 0.00	70.18 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.67 -2.37	61.39 4.61 0.00	61.77 4.36 0.00	54.97 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
GOWANUS_GT4_4 24133	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.94 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.56 3.70 -1.48	73.20 4.45 0.00	64.87 3.84 0.00	70.18 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.67 -2.37	61.39 4.61 0.00	61.77 4.36 0.00	54.97 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
GOWANUS_GT4_5 24134	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.94 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.56 3.70 -1.48	73.20 4.45 0.00	64.87 3.84 0.00	70.18 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.67 -2.37	61.39 4.61 0.00	61.77 4.36 0.00	54.97 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
GOWANUS_GT4_6 24135	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.94 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.56 3.70 -1.48	73.20 4.45 0.00	64.87 3.84 0.00	70.18 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.67 -2.37	61.39 4.61 0.00	61.77 4.36 0.00	54.97 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
GOWANUS_GT4_7 24136	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.94 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.56 3.70 -1.48	73.20 4.45 0.00	64.87 3.84 0.00	70.18 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.67 -2.37	61.39 4.61 0.00	61.77 4.36 0.00	54.97 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
GOWANUS_GT4_8 24137	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.94 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.56 3.70 -1.48	73.20 4.45 0.00	64.87 3.84 0.00	70.18 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.67 -2.37	61.39 4.61 0.00	61.77 4.36 0.00	54.97 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
GREENBSH_115KV_TB3 55895	38.08 0.84 0.00	40.89 0.93 0.00	46.50 0.91 0.00	43.21 1.00 0.00	44.40 0.92 0.00	43.57 0.84 0.00	59.14 0.63 0.00	58.37 0.77 0.00	73.29 0.98 -0.04	64.24 0.81 -0.44	60.57 0.86 -0.32	69.83 1.08 0.00	61.90 0.87 0.00	67.09 1.21 0.00	59.01 0.89 0.00	55.20 0.95 -0.82	63.80 1.17 -3.28	68.31 1.86 -0.52	58.28 1.50 0.00	58.80 1.40 0.00	52.22 1.28 0.00	51.30 1.17 -2.74	38.04 1.04 0.00	37.30 1.00 0.00
GREENIDGE_115KV_TB5 80291	36.29 -0.95 0.00	39.02 -0.94 0.00	44.71 -0.87 0.00	41.24 -0.97 0.00	42.84 -0.64 0.00	41.91 -0.82 0.00	57.63 -0.88 0.00	57.01 -0.60 0.00	71.29 -0.98 0.00	62.02 -0.97 0.00	58.23 -1.16 0.00	67.17 -1.58 0.00	59.69 -1.34 0.00	64.45 -1.43 0.00	57.15 -0.96 0.00	52.29 -1.14 0.00	58.30 -1.05 0.00	65.03 -0.90 0.00	55.49 -1.29 0.00	55.90 -1.51 0.00	49.42 -1.52 0.00	46.03 -1.36 0.00	36.23 -0.78 0.00	35.55 -0.74 0.00
GREENIDGE___3 23582	36.29 -0.95 0.00	39.02 -0.94 0.00	44.71 -0.87 0.00	41.24 -0.97 0.00	42.84 -0.64 0.00	41.91 -0.82 0.00	57.63 -0.88 0.00	57.01 -0.60 0.00	71.29 -0.98 0.00	62.02 -0.97 0.00	58.23 -1.16 0.00	67.17 -1.58 0.00	59.69 -1.34 0.00	64.45 -1.43 0.00	57.15 -0.96 0.00	52.29 -1.14 0.00	58.30 -1.05 0.00	65.03 -0.90 0.00	55.49 -1.29 0.00	55.90 -1.51 0.00	49.42 -1.52 0.00	46.03 -1.36 0.00	36.23 -0.78 0.00	35.55 -0.74 0.00
GREENIDGE___4 23583	36.29 -0.95 0.00	39.02 -0.94 0.00	44.71 -0.87 0.00	41.24 -0.97 0.00	42.85 -0.63 0.00	41.90 -0.82 0.00	57.63 -0.87 0.00	57.47 -0.59 -0.46	80.85 -0.98 -9.56	62.03 -0.96 0.00	58.23 -1.16 0.00	67.18 -1.58 0.00	59.69 -1.34 0.00	64.45 -1.43 0.00	57.16 -0.96 0.00	52.29 -1.15 0.00	58.30 -1.05 0.00	65.04 -0.89 0.00	55.49 -1.29 0.00	55.89 -1.51 0.00	49.42 -1.52 0.00	46.04 -1.35 0.00	36.22 -0.78 0.00	35.56 -0.74 0.00
GREENLWN_69_KV_BK 3 55738	39.49 2.26 0.00	42.18 2.22 0.00	47.77 2.19 0.00	44.33 2.12 0.00	45.67 2.19 0.00	45.18 2.45 0.00	61.71 3.21 0.00	61.41 3.80 0.00	76.66 4.22 -0.17	68.57 3.58 -2.00	64.87 4.01 -1.48	73.58 4.82 0.00	65.33 4.30 0.00	70.62 4.74 0.00	62.39 4.28 0.00	61.32 4.13 -3.75	78.84 4.46 -15.03	74.43 6.13 -2.37	61.97 5.19 0.00	62.62 5.21 0.00	55.56 4.63 0.00	63.86 3.95 -12.53	39.85 2.84 0.00	38.77 2.48 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.04 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.60 3.74 -1.48	73.25 4.50 0.00	64.90 3.87 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.71 -3.75	78.59 4.19 -15.05	74.01 5.71 -2.37	61.41 4.63 0.00	61.78 4.38 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.70 2.41 0.00
GRISSOM___SOLAR 323813	39.09 1.85 0.00	41.93 1.98 0.00	47.88 2.30 0.00	44.32 2.11 0.00	45.71 2.23 0.00	44.95 2.23 0.00	62.01 3.50 0.00	61.28 3.67 0.00	76.67 4.37 -0.03	66.97 3.66 -0.32	62.82 3.20 -0.23	72.27 3.52 0.00	64.27 3.24 0.00	69.54 3.66 0.00	61.34 3.22 0.00	57.09 3.07 -0.60	65.38 3.64 -2.39	70.70 4.39 -0.38	60.44 3.66 0.00	60.96 3.56 0.00	53.99 3.06 0.00	52.15 2.72 -2.04	38.92 1.91 0.00	38.03 1.74 0.00
GROVEVILLE___HYD 323602	39.17 1.93 0.00	41.86 1.90 0.00	47.54 1.96 0.00	44.10 1.89 0.00	45.44 1.96 0.00	44.80 2.07 0.00	61.51 3.01 0.00	61.15 3.54 0.00	76.60 4.30 -0.03	67.08 3.79 -0.29	63.38 3.77 -0.22	73.17 4.42 0.00	64.67 3.64 0.00	69.75 3.87 0.00	61.45 3.34 0.00	57.13 3.23 -0.46	64.88 3.78 -1.75	71.48 5.27 -0.28	61.16 4.38 0.00	61.44 4.03 0.00	54.86 3.93 0.00	52.65 3.51 -1.74	39.54 2.54 0.00	38.57 2.29 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.58 -0.65 0.00	39.21 -0.74 0.00	44.77 -0.81 0.00	41.43 -0.78 0.00	42.80 -0.68 0.00	42.03 -0.70 0.00	57.79 -0.71 0.00	57.04 -0.57 0.00	71.51 -0.76 0.00	62.21 -0.78 0.00	58.63 -0.76 0.00	67.81 -0.94 0.00	60.14 -0.88 0.00	64.96 -0.92 0.00	57.54 -0.57 0.00	52.88 -0.55 0.00	58.80 -0.55 0.00	65.53 -0.40 0.00	56.26 -0.52 0.00	56.82 -0.59 0.00	50.34 -0.60 0.00	46.81 -0.59 0.00	36.56 -0.45 0.00	35.83 -0.46 0.00

HAMLTNNY_34_KV_TB 80303	36.63 -0.60 0.00	39.25 -0.71 0.00	44.79 -0.80 0.00	41.48 -0.74 0.00	42.88 -0.60 0.00	42.08 -0.65 0.00	57.82 -0.68 0.00	57.06 -0.55 0.00	71.61 -0.65 0.00	62.22 -0.77 0.00	58.64 -0.75 0.00	67.81 -0.94 0.00	60.11 -0.92 0.00	64.98 -0.90 0.00	57.60 -0.51 0.00	52.90 -0.54 0.00	58.81 -0.54 0.00	65.58 -0.35 0.00	56.33 -0.45 0.00	56.87 0.00 0.00	50.38 -0.56 0.00	46.84 -0.55 0.00	36.60 -0.41 0.00	35.89 -0.40 0.00
HAMPSHIRE___PAPER_HYD 323593	36.67 -0.57 0.00	39.66 -0.30 0.00	45.40 -0.18 0.00	42.07 -0.15 0.00	43.02 -0.46 0.00	42.55 -0.17 0.00	58.22 -0.29 0.00	57.22 -0.39 0.00	71.46 -0.80 0.00	62.25 -0.74 0.00	58.49 -0.90 0.00	67.59 -1.17 0.00	59.82 -1.21 0.00	63.46 -2.42 0.00	55.02 -3.10 0.00	50.75 -2.68 0.00	56.56 -2.79 0.00	62.21 -3.72 0.00	53.05 -3.73 0.00	53.48 -3.92 0.00	47.21 -3.72 0.00	43.62 -3.78 0.00	34.19 -2.81 0.00	34.03 -2.26 0.00
HARDSCRABBLE_WT_PWR 323673	37.29 0.06 0.00	40.06 0.10 0.00	45.59 0.01 0.00	42.27 0.05 0.00	43.62 0.14 0.00	42.84 0.12 0.00	58.56 0.06 0.00	57.72 0.12 0.00	72.52 0.25 0.00	63.17 0.19 0.00	59.38 -0.01 0.00	68.95 0.20 0.00	61.09 0.06 0.00	66.19 0.31 0.00	58.00 -0.12 0.00	53.48 0.04 0.00	59.61 0.25 0.00	66.80 0.87 0.00	57.32 0.54 0.00	57.75 0.35 0.00	51.21 0.28 0.00	47.31 -0.08 0.00	36.93 -0.08 0.00	36.08 -0.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.62 1.39 0.00	41.30 1.35 0.00	46.93 1.35 0.00	43.54 1.33 0.00	44.88 1.40 0.00	44.21 1.48 0.00	60.71 2.21 0.00	60.32 2.72 0.00	75.20 3.17 0.24	62.93 2.82 2.88	60.13 2.87 2.13	72.23 3.47 0.00	63.99 2.97 0.00	69.12 3.23 0.00	60.96 2.84 0.00	50.73 2.73 5.43	40.70 3.15 21.80	66.97 4.47 3.43	60.38 3.61 0.00	60.77 3.37 0.00	54.02 3.09 0.00	31.74 2.71 18.36	38.93 1.92 0.00	38.02 1.72 0.00
HARSNRAD_115KV_TB1 81005	34.90 -2.34 0.00	37.27 -2.69 0.00	42.83 -2.75 0.00	39.48 -2.73 0.00	40.86 -2.62 0.00	40.20 -2.52 0.00	54.92 -3.59 0.00	53.49 -4.12 0.00	68.27 -4.00 0.00	58.75 -4.24 0.00	55.50 -3.89 0.00	63.99 -4.76 0.00	56.75 -4.28 0.00	61.25 -4.63 0.00	54.36 -3.75 0.00	50.16 -3.27 0.00	55.62 -3.73 0.00	61.53 -4.40 0.00	52.41 -4.37 0.00	52.95 -4.46 0.00	46.78 -4.15 0.00	44.09 -3.30 0.00	34.88 -2.12 0.00	34.60 -1.69 0.00
HARZA MOOSE___RIVER 24016	37.05 -0.19 0.00	40.02 0.06 0.00	45.87 0.29 0.00	42.55 0.34 0.00	43.92 0.43 0.00	43.27 0.55 0.00	59.70 1.19 0.00	58.78 1.17 0.00	73.47 1.21 0.00	64.10 1.11 0.00	59.85 0.46 0.00	69.49 0.74 0.00	61.53 0.50 0.00	65.90 0.02 0.00	58.03 -0.09 0.00	53.45 0.01 0.00	59.22 -0.13 0.00	65.47 -0.46 0.00	56.03 -0.75 0.00	56.48 -0.92 0.00	50.02 -0.92 0.00	46.42 -0.98 0.00	36.18 -0.82 0.00	35.46 -0.83 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.31 -0.93 0.00	38.94 -1.01 0.00	44.46 -1.12 0.00	41.11 -1.10 0.00	42.47 -1.01 0.00	41.69 -1.03 0.00	57.33 -1.17 0.00	56.56 -1.04 0.00	70.93 -1.33 0.00	61.75 -1.24 0.00	58.21 -1.18 0.00	67.31 -1.45 0.00	59.74 -1.28 0.00	64.52 -1.36 0.00	57.08 -1.03 0.00	52.49 -0.94 0.00	58.35 -1.00 0.00	65.01 -0.93 0.00	55.79 -0.99 0.00	56.32 -1.08 0.00	49.90 -1.04 0.00	46.44 -0.95 0.00	36.26 -0.74 0.00	35.55 -0.74 0.00
HELLGATE_13_KV_LD 55870	39.06 1.82 0.00	41.74 1.78 0.00	47.37 1.79 0.00	43.93 1.72 0.00	45.23 1.74 0.00	44.61 1.88 0.00	61.19 2.68 0.00	60.91 3.30 0.00	76.41 3.97 -0.17	68.46 3.47 -2.00	64.37 3.51 -1.48	72.97 4.22 0.00	64.63 3.61 0.00	69.94 4.06 0.00	61.65 3.54 0.00	60.63 3.44 -3.75	78.26 3.86 -15.05	73.64 5.33 -2.37	61.10 4.32 0.00	61.46 4.06 0.00	54.73 3.79 0.00	63.32 3.38 -12.55	39.45 2.44 0.00	38.48 2.19 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.06 1.82 0.00	41.74 1.78 0.00	47.37 1.79 0.00	43.93 1.72 0.00	45.23 1.74 0.00	44.61 1.88 0.00	61.19 2.68 0.00	60.91 3.30 0.00	76.41 3.97 -0.17	68.46 3.47 -2.00	64.37 3.51 -1.48	72.97 4.22 0.00	64.63 3.61 0.00	69.94 4.06 0.00	61.65 3.54 0.00	60.63 3.44 -3.75	78.26 3.86 -15.05	73.64 5.33 -2.37	61.10 4.32 0.00	61.46 4.06 0.00	54.73 3.79 0.00	63.32 3.38 -12.55	39.45 2.44 0.00	38.48 2.19 0.00
HEMPSTEAD____ 23647	39.23 1.99 0.00	41.90 1.94 0.00	47.49 1.91 0.00	44.06 1.85 0.00	45.38 1.90 0.00	44.86 2.13 0.00	61.28 2.78 0.00	60.87 3.26 0.00	76.12 3.69 -0.17	68.17 3.19 -2.00	64.38 3.52 -1.48	72.97 4.22 0.00	64.74 3.71 0.00	70.02 4.14 0.00	61.79 3.68 0.00	60.77 3.59 -3.75	78.31 3.93 -15.03	73.81 5.51 -2.37	61.39 4.61 0.00	61.94 4.53 0.00	55.08 4.15 0.00	63.53 3.61 -12.53	39.63 2.62 0.00	38.58 2.29 0.00
HEWLETT_69_KV_BK3 55828	39.55 2.31 0.00	42.25 2.29 0.00	47.87 2.29 0.00	44.41 2.20 0.00	45.73 2.25 0.00	45.21 2.49 0.00	61.87 3.36 0.00	61.58 3.97 0.00	76.97 4.53 -0.17	68.79 3.80 -2.00	65.14 4.27 -1.48	73.82 5.07 0.00	65.49 4.46 0.00	70.83 4.95 0.00	62.50 4.39 0.00	61.42 4.24 -3.75	78.90 4.52 -15.03	74.56 6.26 -2.37	62.12 5.34 0.00	62.63 5.22 0.00	55.61 4.68 0.00	63.99 4.07 -12.53	39.97 2.97 0.00	38.91 2.62 0.00
HICKLING___1 23621	36.15 -1.09 0.00	39.01 -0.95 0.00	44.82 -0.76 0.00	41.13 -1.08 0.00	42.90 -0.58 0.00	41.63 -1.10 0.00	57.79 -0.71 0.00	57.34 -0.26 0.00	71.53 -0.72 0.01	62.14 -0.68 0.17	58.64 -0.63 0.13	68.01 -0.74 0.00	60.18 -0.85 0.00	64.68 -1.20 0.00	57.47 -0.64 0.00	52.09 -1.02 0.32	57.06 -1.00 1.29	65.04 -0.69 0.20	55.61 -1.17 0.00	55.97 -1.44 0.00	49.31 -1.62 0.00	46.09 -1.30 0.00	36.06 -0.95 0.00	35.41 -0.88 0.00
HICKLING___2 23622	36.15 -1.09 0.00	39.01 -0.95 0.00	44.82 -0.76 0.00	41.13 -1.08 0.00	42.90 -0.58 0.00	41.63 -1.10 0.00	57.79 -0.71 0.00	57.34 -0.26 0.00	71.53 -0.72 0.01	62.14 -0.68 0.17	58.64 -0.63 0.13	68.01 -0.74 0.00	60.18 -0.85 0.00	64.68 -1.20 0.00	57.47 -0.64 0.00	52.09 -1.02 0.32	57.06 -1.00 1.29	65.04 -0.69 0.20	55.61 -1.17 0.00	55.97 -1.44 0.00	49.31 -1.62 0.00	46.09 -1.30 0.00	36.06 -0.95 0.00	35.41 -0.88 0.00
HIGH FALLS___HY 23754	39.50 2.27 0.00	42.18 2.22 0.00	47.92 2.34 0.00	44.43 2.21 0.00	45.83 2.35 0.00	45.20 2.48 0.00	62.35 3.85 0.00	62.10 4.49 0.00	77.73 5.49 0.03	67.49 4.86 0.36	63.94 4.82 0.26	74.43 5.67 0.00	65.86 4.83 0.00	71.02 5.14 0.00	62.65 4.54 0.00	56.84 4.31 0.90	60.52 5.06 3.88	72.03 6.71 0.61	62.33 5.55 0.00	62.62 5.22 0.00	55.74 4.80 0.00	49.08 4.20 2.51	39.98 2.98 0.00	38.95 2.66 0.00
HIGH_RIVER___SOLAR 323847	38.50 1.27 0.00	41.32 1.36 0.00	47.12 1.54 0.00	43.65 1.44 0.00	44.97 1.49 0.00	44.17 1.44 0.00	60.68 2.18 0.00	59.91 2.30 0.00	75.07 2.77 -0.03	65.61 2.26 -0.36	61.72 2.07 -0.26	71.08 2.32 0.00	63.11 2.08 0.00	68.41 2.53 0.00	60.30 2.18 0.00	56.21 2.10 -0.67	64.55 2.50 -2.70	69.49 3.13 -0.43	59.38 2.60 0.00	59.92 2.51 0.00	53.12 2.19 0.00	51.60 1.94 -2.27	38.41 1.40 0.00	37.60 1.31 0.00

HILLBURN___GT 23639	38.62 1.39 0.00	41.30 1.34 0.00	46.91 1.33 0.00	43.55 1.34 0.00	44.87 1.39 0.00	44.21 1.49 0.00	60.70 2.20 0.00	60.36 2.76 0.00	75.15 3.14 0.26	62.73 2.82 3.08	59.99 2.88 2.28	72.23 3.48 0.00	64.00 2.97 0.00	69.10 3.22 0.00	60.92 2.81 0.00	50.36 2.71 5.77	39.28 3.09 23.16	66.75 4.47 3.65	60.39 3.61 0.00	60.77 3.37 0.00	54.05 3.11 0.00	30.57 2.71 19.52	38.94 1.93 0.00	38.04 1.75 0.00
HILLSIDE_115KV_TB1 80332	35.92 -1.32 0.00	38.79 -1.17 0.00	44.51 -1.07 0.00	40.74 -1.47 0.00	42.51 -0.98 0.00	41.14 -1.59 0.00	57.17 -1.33 0.00	56.78 -0.82 0.00	70.62 -1.63 0.02	61.47 -1.35 0.18	58.11 -1.14 0.13	67.39 -1.36 0.00	59.67 -1.36 0.00	64.11 -1.77 0.00	57.03 -1.08 0.00	51.62 -1.48 0.33	56.50 -1.51 1.34	64.54 -1.18 0.21	55.27 -1.51 0.00	55.70 -1.70 0.00	49.14 -1.80 0.00	45.86 -1.53 0.00	35.83 -1.18 0.00	35.15 -1.14 0.00
HISHELDN_WT_PWR 323625	34.99 -2.25 0.00	37.53 -2.43 0.00	43.15 -2.44 0.00	39.87 -2.34 0.00	41.39 -2.09 0.00	40.59 -2.14 0.00	55.78 -2.72 0.00	54.08 -2.95 0.57	57.42 -2.77 12.08	59.88 -3.11 0.00	56.43 -2.95 0.00	65.24 -3.51 0.00	57.84 -3.19 0.00	62.21 -3.67 0.00	55.16 -2.95 0.00	50.72 -2.71 0.00	56.30 -3.05 0.00	62.42 -3.52 0.00	52.98 -3.80 0.00	53.28 -4.13 0.00	47.00 -3.93 0.00	44.44 -2.95 0.00	35.17 -1.83 0.00	34.81 -1.48 0.00
HOLTSVILLE_IC_1 23690	39.64 2.40 0.00	42.30 2.34 0.00	47.89 2.31 0.00	44.46 2.25 0.00	45.79 2.31 0.00	45.35 2.63 0.00	61.83 3.33 0.00	61.55 3.95 0.00	76.69 4.25 -0.17	68.50 3.52 -2.00	64.96 4.10 -1.48	73.71 4.96 0.00	65.59 4.56 0.00	70.91 5.03 0.00	62.61 4.49 0.00	61.52 4.34 -3.75	79.03 4.65 -15.03	74.63 6.32 -2.37	62.24 5.46 0.00	63.00 5.59 0.00	55.87 4.94 0.00	64.04 4.12 -12.53	39.99 2.98 0.00	38.85 2.56 0.00
HOLTSVILLE_IC_10 23699	39.82 2.58 0.00	42.50 2.54 0.00	48.09 2.52 0.00	44.65 2.43 0.00	45.99 2.51 0.00	45.57 2.85 0.00	62.17 3.67 0.00	61.91 4.31 0.00	77.09 4.65 -0.17	68.87 3.89 -2.00	65.32 4.46 -1.48	74.15 5.40 0.00	66.05 5.02 0.00	71.40 5.52 0.00	63.03 4.91 0.00	61.93 4.76 -3.75	79.47 5.09 -15.03	75.15 6.84 -2.37	62.71 5.93 0.00	63.45 6.05 0.00	56.25 5.32 0.00	64.37 4.45 -12.53	40.21 3.21 0.00	39.04 2.75 0.00
HOLTSVILLE_IC_2 23691	39.64 2.40 0.00	42.30 2.34 0.00	47.89 2.31 0.00	44.46 2.25 0.00	45.79 2.31 0.00	45.35 2.63 0.00	61.83 3.33 0.00	61.55 3.95 0.00	76.69 4.25 -0.17	68.50 3.52 -2.00	64.96 4.10 -1.48	73.71 4.96 0.00	65.59 4.56 0.00	70.91 5.03 0.00	62.61 4.49 0.00	61.52 4.34 -3.75	79.03 4.65 -15.03	74.63 6.32 -2.37	62.24 5.46 0.00	63.00 5.59 0.00	55.87 4.94 0.00	64.04 4.12 -12.53	39.99 2.98 0.00	38.85 2.56 0.00
HOLTSVILLE_IC_3 23692	39.64 2.40 0.00	42.30 2.34 0.00	47.89 2.31 0.00	44.46 2.25 0.00	45.79 2.31 0.00	45.35 2.63 0.00	61.83 3.33 0.00	61.55 3.95 0.00	76.69 4.25 -0.17	68.50 3.52 -2.00	64.96 4.10 -1.48	73.71 4.96 0.00	65.59 4.56 0.00	70.91 5.03 0.00	62.61 4.49 0.00	61.52 4.34 -3.75	79.03 4.65 -15.03	74.63 6.32 -2.37	62.24 5.46 0.00	63.00 5.59 0.00	55.87 4.94 0.00	64.04 4.12 -12.53	39.99 2.98 0.00	38.85 2.56 0.00
HOLTSVILLE_IC_4 23693	39.64 2.40 0.00	42.30 2.34 0.00	47.89 2.31 0.00	44.46 2.25 0.00	45.79 2.31 0.00	45.35 2.63 0.00	61.83 3.33 0.00	61.55 3.95 0.00	76.69 4.25 -0.17	68.50 3.52 -2.00	64.96 4.10 -1.48	73.71 4.96 0.00	65.59 4.56 0.00	70.91 5.03 0.00	62.61 4.49 0.00	61.52 4.34 -3.75	79.03 4.65 -15.03	74.63 6.32 -2.37	62.24 5.46 0.00	63.00 5.59 0.00	55.87 4.94 0.00	64.04 4.12 -12.53	39.99 2.98 0.00	38.85 2.56 0.00
HOLTSVILLE_IC_5 23694	39.64 2.40 0.00	42.30 2.34 0.00	47.89 2.31 0.00	44.46 2.25 0.00	45.79 2.31 0.00	45.35 2.63 0.00	61.83 3.33 0.00	61.55 3.95 0.00	76.69 4.25 -0.17	68.50 3.52 -2.00	64.96 4.10 -1.48	73.71 4.96 0.00	65.59 4.56 0.00	70.91 5.03 0.00	62.61 4.49 0.00	61.52 4.34 -3.75	79.03 4.65 -15.03	74.63 6.32 -2.37	62.24 5.46 0.00	63.00 5.59 0.00	55.87 4.94 0.00	64.04 4.12 -12.53	39.99 2.98 0.00	38.85 2.56 0.00
HOLTSVILLE_IC_6 23695	39.82 2.58 0.00	42.50 2.54 0.00	48.09 2.52 0.00	44.65 2.43 0.00	45.99 2.51 0.00	45.57 2.85 0.00	62.17 3.67 0.00	61.91 4.31 0.00	77.09 4.65 -0.17	68.87 3.89 -2.00	65.32 4.46 -1.48	74.15 5.40 0.00	66.05 5.02 0.00	71.40 5.52 0.00	63.03 4.91 0.00	61.93 4.76 -3.75	79.47 5.09 -15.03	75.15 6.84 -2.37	62.71 5.93 0.00	63.45 6.05 0.00	56.25 5.32 0.00	64.37 4.45 -12.53	40.21 3.21 0.00	39.04 2.75 0.00
HOLTSVILLE_IC_7 23696	39.82 2.58 0.00	42.50 2.54 0.00	48.09 2.52 0.00	44.65 2.43 0.00	45.99 2.51 0.00	45.57 2.85 0.00	62.17 3.67 0.00	61.91 4.31 0.00	77.09 4.65 -0.17	68.87 3.89 -2.00	65.32 4.46 -1.48	74.15 5.40 0.00	66.05 5.02 0.00	71.40 5.52 0.00	63.03 4.91 0.00	61.93 4.76 -3.75	79.47 5.09 -15.03	75.15 6.84 -2.37	62.71 5.93 0.00	63.45 6.05 0.00	56.25 5.32 0.00	64.37 4.45 -12.53	40.21 3.21 0.00	39.04 2.75 0.00
HOLTSVILLE_IC_8 23697	39.82 2.58 0.00	42.50 2.54 0.00	48.09 2.52 0.00	44.65 2.43 0.00	45.99 2.51 0.00	45.57 2.85 0.00	62.17 3.67 0.00	61.91 4.31 0.00	77.09 4.65 -0.17	68.87 3.89 -2.00	65.32 4.46 -1.48	74.15 5.40 0.00	66.05 5.02 0.00	71.40 5.52 0.00	63.03 4.91 0.00	61.93 4.76 -3.75	79.47 5.09 -15.03	75.15 6.84 -2.37	62.71 5.93 0.00	63.45 6.05 0.00	56.25 5.32 0.00	64.37 4.45 -12.53	40.21 3.21 0.00	39.04 2.75 0.00
HOLTSVILLE_IC_9 23698	39.82 2.58 0.00	42.50 2.54 0.00	48.09 2.52 0.00	44.65 2.43 0.00	45.99 2.51 0.00	45.57 2.85 0.00	62.17 3.67 0.00	61.91 4.31 0.00	77.09 4.65 -0.17	68.87 3.89 -2.00	65.32 4.46 -1.48	74.15 5.40 0.00	66.05 5.02 0.00	71.40 5.52 0.00	63.03 4.91 0.00	61.93 4.76 -3.75	79.47 5.09 -15.03	75.15 6.84 -2.37	62.71 5.93 0.00	63.45 6.05 0.00	56.25 5.32 0.00	64.37 4.45 -12.53	40.21 3.21 0.00	39.04 2.75 0.00
HOMER_HL_115KV_TB2 355744	36.61 -0.62 0.00	39.18 -0.78 0.00	45.07 -0.51 0.00	41.67 -0.54 0.00	43.27 -0.21 0.00	42.30 -0.42 0.00	57.98 -0.52 0.00	56.78 -0.83 0.00	71.75 -0.52 0.00	62.16 -0.83 0.00	59.10 -0.28 0.00	68.56 -0.20 0.00	60.86 -0.16 0.00	65.20 -0.68 0.00	57.87 -0.24 0.00	52.77 -0.66 0.00	58.00 -1.35 0.00	65.35 -0.58 0.00	55.73 -1.05 0.00	56.18 -1.22 0.00	49.47 -1.46 0.00	46.62 -0.77 0.00	36.93 -0.08 0.00	36.46 0.17 0.00
HOWARD_WT_PWR 323690	35.20 -2.04 0.00	38.41 -1.55 0.00	44.31 -1.27 0.00	41.16 -1.06 0.00	42.81 -0.67 0.00	41.71 -1.01 0.00	57.69 -0.81 0.00	57.24 -0.37 0.00	72.32 0.05 0.00	62.41 -0.58 0.00	58.55 -0.84 0.00	67.33 -1.42 0.00	59.27 -1.76 0.00	63.91 -1.97 0.00	56.21 -1.90 0.00	51.02 -2.41 0.00	56.76 -2.60 0.00	63.42 -2.51 0.00	53.73 -3.05 0.00	53.72 -3.68 0.00	46.75 -4.18 0.00	43.82 -3.57 0.00	34.57 -2.44 0.00	34.03 -2.26 0.00

HQ_GEN_CEDARS 23644	37.29 0.05 0.00	40.23 0.28 0.00	46.03 0.45 0.00	42.56 0.34 0.00	43.17 -0.31 0.00	42.81 0.08 0.00	58.05 -0.45 0.00	56.98 -0.62 0.00	71.37 -0.90 0.00	62.00 -0.99 0.00	59.00 -0.39 0.00	67.71 -1.05 0.00	60.02 -1.01 0.00	63.36 -2.52 0.00	54.31 -3.81 0.00	50.26 -3.17 0.00	56.36 -2.99 0.00	62.06 -3.87 0.00	52.89 -3.89 0.00	53.39 -4.01 0.00	47.01 -3.92 0.00	43.37 -4.02 0.00	34.14 -2.87 0.00	34.34 -1.95 0.00
HQ_GEN_CEDARS_PROXY 323590	37.29 0.05 0.00	40.23 0.27 0.00	46.03 0.45 0.00	42.55 0.34 0.00	43.17 -0.31 0.00	42.81 0.08 0.00	58.05 -0.46 0.00	56.98 -0.62 0.00	71.37 -0.89 0.00	62.00 -0.99 0.00	59.00 -0.39 0.00	67.71 -1.05 0.00	60.02 -1.01 0.00	63.36 -2.52 0.00	54.31 -3.81 0.00	50.26 -3.17 0.00	56.36 -2.99 0.00	62.06 -3.87 0.00	52.89 -3.89 0.00	53.39 -4.01 0.00	47.01 -3.92 0.00	43.37 -4.02 0.00	34.14 -2.87 0.00	34.34 -1.95 0.00
HQ_GEN_IMPORT 323601	37.56 0.32 0.00	39.66 0.32 0.61	45.99 0.41 0.00	42.23 0.37 0.34	43.80 0.32 0.00	42.99 0.42 0.15	59.01 0.51 0.00	57.84 0.24 0.00	72.64 0.37 0.00	63.36 0.37 0.00	60.32 0.30 -0.63	70.72 0.30 -1.67	61.40 0.37 0.00	66.13 0.25 0.00	58.30 0.18 0.00	53.52 0.09 0.00	59.42 0.06 0.00	65.34 -0.59 0.00	56.46 -0.31 0.00	57.23 -0.17 0.00	50.78 -0.15 0.00	48.86 -0.07 -1.54	37.05 0.00 -0.05	36.32 0.03 0.00
HQ_GEN_WHEEL 23651	37.56 0.32 0.00	39.66 0.32 0.61	45.99 0.41 0.00	42.23 0.37 0.34	43.80 0.32 0.00	42.99 0.42 0.15	59.01 0.51 0.00	57.84 0.24 0.00	72.64 0.37 0.00	63.36 0.37 0.00	60.32 0.30 -0.63	70.72 0.30 -1.67	61.40 0.37 0.00	66.13 0.25 0.00	58.30 0.18 0.00	53.52 0.09 0.00	59.42 0.06 0.00	65.34 -0.59 0.00	56.46 -0.31 0.00	57.23 -0.17 0.00	50.78 -0.15 0.00	48.86 -0.07 -1.54	37.05 0.00 -0.05	36.32 0.03 0.00
HUDSON AVE_GT_3 23810	39.10 1.86 0.00	41.79 1.84 0.00	47.41 1.83 0.00	43.96 1.75 0.00	45.28 1.80 0.00	44.66 1.94 0.00	61.26 2.76 0.00	60.96 3.36 0.00	76.49 4.06 -0.17	68.61 3.62 -2.00	64.51 3.64 -1.48	73.15 4.40 0.00	64.82 3.79 0.00	70.10 4.22 0.00	61.80 3.69 0.00	60.78 3.59 -3.76	78.47 4.06 -15.06	73.84 5.53 -2.38	61.27 4.49 0.00	61.63 4.23 0.00	54.85 3.92 0.00	63.44 3.49 -12.56	39.53 2.53 0.00	38.56 2.28 0.00
HUDSON AVE_GT_4 23540	39.10 1.86 0.00	41.79 1.84 0.00	47.41 1.83 0.00	43.96 1.75 0.00	45.28 1.80 0.00	44.66 1.94 0.00	61.26 2.76 0.00	60.96 3.36 0.00	76.49 4.06 -0.17	68.61 3.62 -2.00	64.51 3.64 -1.48	73.15 4.40 0.00	64.82 3.79 0.00	70.10 4.22 0.00	61.80 3.69 0.00	60.78 3.59 -3.76	78.47 4.06 -15.06	73.84 5.53 -2.38	61.27 4.49 0.00	61.63 4.23 0.00	54.85 3.92 0.00	63.44 3.49 -12.56	39.53 2.53 0.00	38.56 2.28 0.00
HUDSON AVE_GT_5 23657	39.10 1.86 0.00	41.79 1.84 0.00	47.41 1.83 0.00	43.96 1.75 0.00	45.28 1.80 0.00	44.66 1.94 0.00	61.26 2.76 0.00	60.96 3.36 0.00	76.49 4.06 -0.17	68.61 3.62 -2.00	64.51 3.64 -1.48	73.15 4.40 0.00	64.82 3.79 0.00	70.10 4.22 0.00	61.80 3.69 0.00	60.78 3.59 -3.76	78.47 4.06 -15.06	73.84 5.53 -2.38	61.27 4.49 0.00	61.63 4.23 0.00	54.85 3.92 0.00	63.44 3.49 -12.56	39.53 2.53 0.00	38.56 2.28 0.00
HUDSON_AVE_10 24168	38.95 1.71 0.00	41.64 1.69 0.00	47.24 1.65 0.00	43.81 1.60 0.00	45.12 1.64 0.00	44.50 1.77 0.00	61.03 2.53 0.00	60.76 3.15 0.00	76.24 3.80 -0.17	68.34 3.35 -2.00	64.24 3.38 -1.48	72.89 4.14 0.00	64.56 3.54 0.00	69.83 3.95 0.00	61.56 3.45 0.00	60.55 3.36 -3.76	78.24 3.82 -15.06	73.57 5.26 -2.38	61.02 4.25 0.00	61.37 3.97 0.00	54.65 3.71 0.00	63.24 3.30 -12.56	39.37 2.36 0.00	38.41 2.12 0.00
HUDSON___115KV_TB 4 355613	39.00 1.76 0.00	41.84 1.89 0.00	47.62 2.03 0.00	44.24 2.02 0.00	45.49 2.01 0.00	44.67 1.94 0.00	60.85 2.35 0.00	60.16 2.55 0.00	75.54 3.25 -0.03	66.03 2.69 -0.35	62.22 2.57 -0.26	71.84 3.08 0.00	63.78 2.76 0.00	69.09 3.21 0.00	60.81 2.70 0.00	56.71 2.65 -0.63	65.02 3.16 -2.50	70.44 4.11 -0.40	60.17 3.39 0.00	60.65 3.24 0.00	53.80 2.87 0.00	52.12 2.54 -2.20	39.01 2.01 0.00	38.20 1.91 0.00
HUNTER MOUNT___DRP 323613	39.21 1.98 0.00	42.08 2.12 0.00	47.90 2.32 0.00	44.49 2.28 0.00	45.76 2.28 0.00	44.94 2.21 0.00	61.25 2.75 0.00	60.56 2.95 0.00	76.09 3.80 -0.02	66.40 3.15 -0.26	62.56 2.98 -0.19	72.30 3.55 0.00	64.20 3.17 0.00	69.57 3.69 0.00	61.23 3.11 0.00	56.91 3.05 -0.43	64.66 3.66 -1.65	70.81 4.62 -0.26	60.59 3.81 0.00	61.05 3.64 0.00	54.11 3.18 0.00	51.80 2.81 -1.60	39.21 2.20 0.00	38.39 2.10 0.00
HUNTINGTON_RES_REC 323705	39.68 2.45 0.00	42.35 2.39 0.00	47.95 2.37 0.00	44.51 2.29 0.00	45.84 2.36 0.00	45.40 2.67 0.00	62.01 3.50 0.00	61.73 4.13 0.00	76.89 4.45 -0.17	68.73 3.75 -2.00	65.09 4.23 -1.48	73.86 5.11 0.00	65.74 4.71 0.00	71.08 5.20 0.00	62.78 4.67 0.00	61.68 4.50 -3.75	79.18 4.80 -15.03	74.85 6.55 -2.37	62.45 5.67 0.00	63.13 5.73 0.00	55.99 5.05 0.00	64.17 4.25 -12.53	40.06 3.05 0.00	38.94 2.64 0.00
HUNTLEY___63 23557	35.19 -2.04 0.00	37.58 -2.38 0.00	43.20 -2.38 0.00	39.81 -2.40 0.00	41.20 -2.28 0.00	40.53 -2.20 0.00	55.30 -3.21 0.00	53.83 -3.77 0.00	68.70 -3.57 0.00	59.14 -3.85 0.00	55.88 -3.50 0.00	64.50 -4.25 0.00	57.17 -3.85 0.00	61.68 -4.20 0.00	54.76 -3.35 0.00	50.52 -2.91 0.00	56.00 -3.35 0.00	61.97 -3.96 0.00	52.81 -3.97 0.00	53.32 -4.08 0.00	47.12 -3.81 0.00	44.41 -2.99 0.00	35.14 -1.87 0.00	34.83 -1.46 0.00
HUNTLEY___64 23558	35.19 -2.04 0.00	37.58 -2.38 0.00	43.20 -2.38 0.00	39.81 -2.40 0.00	41.20 -2.28 0.00	40.53 -2.20 0.00	55.30 -3.21 0.00	53.83 -3.77 0.00	68.70 -3.57 0.00	59.14 -3.85 0.00	55.88 -3.50 0.00	64.50 -4.25 0.00	57.17 -3.85 0.00	61.68 -4.20 0.00	54.76 -3.35 0.00	50.52 -2.91 0.00	56.00 -3.35 0.00	61.97 -3.96 0.00	52.81 -3.97 0.00	53.32 -4.08 0.00	47.12 -3.81 0.00	44.41 -2.99 0.00	35.14 -1.87 0.00	34.83 -1.46 0.00
HUNTLEY___65 23559	35.19 -2.04 0.00	37.58 -2.38 0.00	43.20 -2.38 0.00	39.81 -2.40 0.00	41.20 -2.28 0.00	40.53 -2.20 0.00	55.30 -3.21 0.00	53.83 -3.77 0.00	68.70 -3.57 0.00	59.14 -3.85 0.00	55.88 -3.50 0.00	64.50 -4.25 0.00	57.17 -3.85 0.00	61.68 -4.20 0.00	54.76 -3.35 0.00	50.52 -2.91 0.00	56.00 -3.35 0.00	61.97 -3.96 0.00	52.81 -3.97 0.00	53.32 -4.08 0.00	47.12 -3.81 0.00	44.41 -2.99 0.00	35.14 -1.87 0.00	34.83 -1.46 0.00
HUNTLEY___66 23560	35.19 -2.04 0.00	37.58 -2.38 0.00	43.20 -2.38 0.00	39.81 -2.40 0.00	41.20 -2.28 0.00	40.53 -2.20 0.00	55.30 -3.21 0.00	53.83 -3.77 0.00	68.70 -3.57 0.00	59.14 -3.85 0.00	55.88 -3.50 0.00	64.50 -4.25 0.00	57.17 -3.85 0.00	61.68 -4.20 0.00	54.76 -3.35 0.00	50.52 -2.91 0.00	56.00 -3.35 0.00	61.97 -3.96 0.00	52.81 -3.97 0.00	53.32 -4.08 0.00	47.12 -3.81 0.00	44.41 -2.99 0.00	35.14 -1.87 0.00	34.83 -1.46 0.00

HUNTLEY___67 23561	34.84 -2.39 0.00	37.23 -2.73 0.00	42.80 -2.78 0.00	39.46 -2.76 0.00	40.85 -2.63 0.00	40.17 -2.56 0.00	54.89 -3.61 0.00	53.50 -4.10 0.00	68.20 -4.07 0.00	58.73 -4.26 0.00	55.50 -3.89 0.00	64.07 -4.68 0.00	56.83 -4.19 0.00	61.25 -4.63 0.00	54.36 -3.75 0.00	50.12 -3.31 0.00	55.56 -3.79 0.00	61.49 -4.44 0.00	52.36 -4.42 0.00	52.92 -4.48 0.00	46.77 -4.16 0.00	44.08 -3.31 0.00	34.90 -2.11 0.00	34.59 -1.70 0.00
HUNTLEY___68 23562	34.84 -2.39 0.00	37.23 -2.73 0.00	42.80 -2.78 0.00	39.46 -2.76 0.00	40.85 -2.63 0.00	40.17 -2.56 0.00	54.89 -3.61 0.00	53.50 -4.10 0.00	68.20 -4.07 0.00	58.73 -4.26 0.00	55.50 -3.89 0.00	64.07 -4.68 0.00	56.83 -4.19 0.00	61.25 -4.63 0.00	54.36 -3.75 0.00	50.12 -3.31 0.00	55.56 -3.79 0.00	61.49 -4.44 0.00	52.36 -4.42 0.00	52.92 -4.48 0.00	46.77 -4.16 0.00	44.08 -3.31 0.00	34.90 -2.11 0.00	34.59 -1.70 0.00
HYLAND___LFG 323620	37.02 -0.22 0.00	39.75 -0.21 0.00	45.65 0.06 0.00	42.21 0.00 0.00	43.80 0.32 0.00	43.15 0.43 0.00	59.64 1.14 0.00	58.85 1.25 0.00	74.43 2.15 0.00	63.90 0.91 0.00	59.80 0.42 0.00	68.55 -0.21 0.00	61.24 0.21 0.00	65.84 -0.04 0.00	57.98 -0.13 0.00	53.76 0.33 0.00	60.12 0.77 0.00	67.21 1.28 0.00	57.29 0.51 0.00	57.57 0.16 0.00	50.62 -0.31 0.00	47.30 -0.09 0.00	37.03 0.03 0.00	36.40 0.11 0.00
INDECK___CORINTH 23802	39.07 1.83 0.00	41.89 1.94 0.00	47.62 2.04 0.00	44.15 1.94 0.00	45.38 1.90 0.00	44.58 1.85 0.00	61.13 2.62 0.00	60.33 2.73 0.00	75.80 3.49 -0.04	66.30 2.89 -0.42	62.70 3.00 -0.31	72.29 3.54 0.00	64.23 3.20 0.00	71.49 5.60 0.00	62.81 4.70 0.00	58.77 4.54 -0.79	67.87 5.35 -3.17	73.04 6.61 -0.50	62.39 5.61 0.00	62.98 5.58 0.00	55.76 4.83 0.00	54.25 4.22 -2.64	40.15 3.14 0.00	39.41 3.12 0.00
INDECK___ILION 23567	37.43 0.19 0.00	40.18 0.22 0.00	45.76 0.18 0.00	42.39 0.18 0.00	43.70 0.22 0.00	42.91 0.19 0.00	58.73 0.23 0.00	57.97 0.36 0.00	72.76 0.49 0.00	63.36 0.37 0.00	59.71 0.32 0.00	69.22 0.46 0.00	61.36 0.33 0.00	66.45 0.57 0.00	58.48 0.37 0.00	53.84 0.41 0.00	59.92 0.57 0.00	67.00 1.07 0.00	57.59 0.81 0.00	58.09 0.68 0.00	51.57 0.63 0.00	47.81 0.41 0.00	37.27 0.27 0.00	36.48 0.19 0.00
INDECK___OLEAN 23982	36.61 -0.63 0.00	39.18 -0.78 0.00	45.06 -0.51 0.00	41.68 -0.54 0.00	43.28 -0.21 0.00	42.30 -0.42 0.00	57.98 -0.52 0.00	55.08 -0.82 1.71	35.71 -0.49 36.07	62.17 -0.82 0.00	59.09 -0.29 0.00	68.55 -0.20 0.00	60.88 -0.15 0.00	65.19 -0.68 0.00	57.86 -0.25 0.00	52.76 -0.67 0.00	58.02 -1.33 0.00	65.37 -0.56 0.00	55.73 -1.05 0.00	56.19 -1.21 0.00	49.47 -1.46 0.00	46.62 -0.77 0.00	36.92 -0.09 0.00	36.46 0.17 0.00
INDECK___OSWEGO 23783	35.86 -1.38 0.00	38.49 -1.47 0.00	43.96 -1.62 0.00	40.67 -1.54 0.00	41.98 -1.50 0.00	41.24 -1.49 0.00	56.65 -1.85 0.00	55.88 -1.72 0.00	70.06 -2.20 0.00	61.03 -1.96 0.00	57.41 -1.98 0.00	66.43 -2.33 0.00	58.95 -2.08 0.00	63.59 -2.28 0.00	56.24 -1.87 0.00	51.80 -1.63 0.00	57.55 -1.80 0.00	64.02 -1.91 0.00	54.98 -1.80 0.00	55.51 -1.89 0.00	49.23 -1.71 0.00	45.79 -1.60 0.00	35.74 -1.26 0.00	35.06 -1.23 0.00
INDECK___YERKES 23781	35.23 -2.01 0.00	37.62 -2.34 0.00	43.24 -2.34 0.00	39.84 -2.37 0.00	41.24 -2.24 0.00	40.57 -2.16 0.00	55.34 -3.16 0.00	52.79 -3.72 1.10	45.71 -3.46 23.10	59.22 -3.78 0.00	55.94 -3.45 0.00	64.55 -4.20 0.00	57.25 -3.78 0.00	61.75 -4.13 0.00	54.82 -3.29 0.00	50.56 -2.87 0.00	56.07 -3.28 0.00	62.04 -3.89 0.00	52.86 -3.92 0.00	53.38 -4.02 0.00	47.17 -3.76 0.00	44.45 -2.94 0.00	35.17 -1.84 0.00	34.86 -1.43 0.00
INDIAN POINT_GT_1 24139	38.67 1.43 0.00	41.35 1.39 0.00	46.95 1.37 0.00	43.56 1.35 0.00	44.86 1.38 0.00	44.22 1.49 0.00	60.62 2.12 0.00	60.24 2.64 0.00	75.53 3.08 -0.18	67.86 2.72 -2.15	63.79 2.81 -1.59	72.16 3.40 0.00	63.92 2.89 0.00	69.14 3.26 0.00	60.95 2.84 0.00	60.23 2.76 -4.04	78.69 3.16 -16.19	73.00 4.51 -2.55	60.43 3.65 0.00	60.82 3.41 0.00	54.10 3.17 0.00	63.67 2.77 -13.51	38.99 1.99 0.00	38.07 1.79 0.00
INDIAN POINT_GT_2 23659	38.67 1.43 0.00	41.35 1.39 0.00	46.95 1.37 0.00	43.56 1.35 0.00	44.86 1.38 0.00	44.22 1.49 0.00	60.62 2.12 0.00	60.24 2.64 0.00	75.53 3.08 -0.18	67.86 2.72 -2.15	63.79 2.81 -1.59	72.16 3.40 0.00	63.92 2.89 0.00	69.14 3.26 0.00	60.95 2.84 0.00	60.23 2.76 -4.04	78.69 3.16 -16.19	73.00 4.51 -2.55	60.43 3.65 0.00	60.82 3.41 0.00	54.10 3.17 0.00	63.67 2.77 -13.51	38.99 1.99 0.00	38.07 1.79 0.00
INDIAN POINT_GT_3 24019	38.67 1.43 0.00	41.35 1.39 0.00	46.95 1.37 0.00	43.56 1.35 0.00	44.86 1.38 0.00	44.22 1.49 0.00	60.62 2.12 0.00	60.24 2.64 0.00	75.53 3.08 -0.18	67.86 2.72 -2.15	63.79 2.81 -1.59	72.16 3.40 0.00	63.92 2.89 0.00	69.14 3.26 0.00	60.95 2.84 0.00	60.23 2.76 -4.04	78.69 3.16 -16.19	73.00 4.51 -2.55	60.43 3.65 0.00	60.82 3.41 0.00	54.10 3.17 0.00	63.67 2.77 -13.51	38.99 1.99 0.00	38.07 1.79 0.00
INDIAN POINT___2 23530	38.59 1.35 0.00	41.27 1.31 0.00	46.85 1.27 0.00	43.49 1.28 0.00	44.80 1.31 0.00	44.14 1.41 0.00	60.54 2.04 0.00	60.13 2.52 0.00	75.39 2.90 -0.22	68.14 2.59 -2.56	63.95 2.67 -1.89	72.00 3.25 0.00	63.79 2.76 0.00	68.97 3.09 0.00	60.80 2.69 0.00	60.84 2.62 -4.79	81.54 2.99 -19.20	73.28 4.33 -3.03	60.27 3.49 0.00	60.66 3.26 0.00	53.95 3.02 0.00	66.12 2.65 -16.08	38.90 1.90 0.00	38.00 1.70 0.00
INDIAN POINT___3 23531	38.62 1.39 0.00	41.30 1.35 0.00	46.90 1.32 0.00	43.52 1.31 0.00	44.83 1.34 0.00	44.17 1.45 0.00	60.56 2.05 0.00	60.16 2.56 0.00	75.43 2.98 -0.18	67.82 2.65 -2.18	63.71 2.72 -1.61	72.05 3.30 0.00	63.84 2.81 0.00	69.04 3.16 0.00	60.86 2.74 0.00	60.19 2.67 -4.09	78.80 3.07 -16.37	72.89 4.38 -2.58	60.32 3.55 0.00	60.72 3.32 0.00	54.01 3.08 0.00	63.76 2.70 -13.67	38.94 1.93 0.00	38.04 1.74 0.00
INGHAM_C_115KV_TB7 356103	37.49 0.25 0.00	40.24 0.28 0.00	45.74 0.16 0.00	42.37 0.16 0.00	43.73 0.25 0.00	42.90 0.17 0.00	58.65 0.15 0.00	57.97 0.36 0.00	72.83 0.56 0.00	63.36 0.37 0.00	59.65 0.27 0.00	69.24 0.49 0.00	61.34 0.31 0.00	66.64 0.76 0.00	58.53 0.41 0.00	53.97 0.53 0.00	60.21 0.86 0.00	67.67 1.74 0.00	58.09 1.31 0.00	58.47 1.07 0.00	51.88 0.94 0.00	47.89 0.49 0.00	37.34 0.33 0.00	36.48 0.19 0.00
IP CORINTH___1 23988	39.27 2.03 0.00	42.10 2.14 0.00	47.86 2.28 0.00	44.38 2.16 0.00	45.62 2.15 0.00	44.80 2.07 0.00	61.46 2.96 0.00	60.67 3.06 0.00	76.18 3.88 -0.04	66.66 3.25 -0.42	63.02 3.32 -0.31	72.67 3.92 0.00	64.55 3.52 0.00	71.49 5.61 0.00	62.81 4.70 0.00	58.77 4.55 -0.79	67.87 5.35 -3.17	73.04 6.61 -0.50	62.39 5.61 0.00	62.98 5.58 0.00	55.76 4.82 0.00	54.25 4.22 -2.64	40.15 3.14 0.00	39.42 3.13 0.00

IP___TICONDEROGA 23804	41.31 4.07 0.00	44.13 4.17 0.00	49.95 4.37 0.00	46.52 4.31 0.00	47.61 4.13 0.00	46.93 4.20 0.00	64.69 6.19 0.00	63.75 6.15 0.00	79.93 7.63 -0.04	69.90 6.48 -0.42	66.22 6.52 -0.31	76.48 7.72 0.00	67.52 6.49 0.00	73.84 7.96 0.00	64.64 6.52 0.00	60.78 6.56 -0.80	70.33 7.79 -3.19	76.05 9.61 -0.51	65.02 8.24 0.00	65.95 8.54 0.00	58.15 7.22 0.00	56.29 6.24 -2.66	41.69 4.68 0.00	41.23 4.94 0.00
ISLIP_RES_REC 323679	39.94 2.70 0.00	42.62 2.66 0.00	48.22 2.65 0.00	44.77 2.55 0.00	46.13 2.65 0.00	45.72 3.00 0.00	62.41 3.90 0.00	62.17 4.57 0.00	77.42 4.98 -0.17	69.19 4.20 -2.00	65.61 4.75 -1.48	74.48 5.72 0.00	66.36 5.33 0.00	71.74 5.86 0.00	63.31 5.20 0.00	62.21 5.03 -3.75	79.79 5.41 -15.03	75.50 7.20 -2.37	63.02 6.24 0.00	63.75 6.34 0.00	56.49 5.56 0.00	64.57 4.65 -12.53	40.36 3.35 0.00	39.17 2.88 0.00
JAMAICA__27_KV_LOAD 355505	39.20 1.96 0.00	41.91 1.96 0.00	47.53 1.94 0.00	44.11 1.90 0.00	45.41 1.92 0.00	44.74 2.01 0.00	61.40 2.90 0.00	61.17 3.56 0.00	76.76 4.32 -0.17	68.76 3.77 -2.00	64.60 3.74 -1.48	73.40 4.65 0.00	64.99 3.96 0.00	70.27 4.39 0.00	61.94 3.83 0.00	60.88 3.69 -3.76	78.63 4.21 -15.06	73.97 5.66 -2.38	61.37 4.59 0.00	61.76 4.36 0.00	55.03 4.10 0.00	63.59 3.64 -12.56	39.63 2.62 0.00	38.63 2.34 0.00
JANIS___SOLAR 323808	38.46 1.22 0.00	41.22 1.27 0.00	47.12 1.54 0.00	43.46 1.25 0.00	45.09 1.62 0.00	44.21 1.48 0.00	61.84 3.34 0.00	68.41 10.57 -0.24	87.30 10.66 -4.37	70.71 8.19 0.47	65.84 6.81 0.35	76.68 7.93 0.00	68.33 7.30 0.00	72.95 7.08 0.00	64.89 6.78 0.00	58.76 6.23 0.90	62.54 6.77 3.58	68.26 2.64 0.31	61.99 5.21 0.00	59.41 2.01 0.00	52.52 1.58 0.00	48.72 1.33 0.00	37.88 0.87 0.00	37.05 0.76 0.00
JARVIS____ 23743	37.27 0.04 0.00	40.01 0.05 0.00	45.63 0.05 0.00	42.27 0.06 0.00	43.56 0.08 0.00	42.76 0.03 0.00	58.52 0.01 0.00	57.72 0.11 0.00	72.35 0.08 0.00	63.11 0.12 0.00	59.51 0.12 0.00	68.90 0.15 0.00	61.15 0.12 0.00	66.05 0.17 0.00	58.23 0.12 0.00	53.54 0.11 0.00	59.48 0.12 0.00	66.25 0.32 0.00	56.99 0.21 0.00	57.58 0.17 0.00	51.09 0.15 0.00	47.53 0.13 0.00	37.08 0.07 0.00	36.35 0.06 0.00
JENNISON___1 23625	38.56 1.32 0.00	41.29 1.34 0.00	47.20 1.62 0.00	43.53 1.31 0.00	45.17 1.69 0.00	44.14 1.41 0.00	61.06 2.55 0.00	62.24 4.64 0.00	76.66 4.43 0.04	65.86 3.35 0.47	61.61 2.57 0.35	71.87 3.12 0.00	63.81 2.78 0.00	68.45 2.57 0.00	60.69 2.57 0.00	54.73 2.20 0.90	58.13 2.37 3.60	67.32 1.89 0.50	58.51 1.73 0.00	58.11 0.71 0.00	51.49 0.55 0.00	46.48 0.35 1.26	37.08 0.07 0.00	36.30 0.01 0.00
JENNISON___2 23626	38.56 1.32 0.00	41.29 1.34 0.00	47.20 1.62 0.00	43.53 1.31 0.00	45.17 1.69 0.00	44.14 1.41 0.00	61.06 2.55 0.00	62.24 4.64 0.00	76.66 4.43 0.04	65.86 3.35 0.47	61.61 2.57 0.35	71.87 3.12 0.00	63.81 2.78 0.00	68.45 2.57 0.00	60.69 2.57 0.00	54.73 2.20 0.90	58.13 2.37 3.60	67.32 1.89 0.50	58.51 1.73 0.00	58.11 0.71 0.00	51.49 0.55 0.00	46.48 0.35 1.26	37.08 0.07 0.00	36.30 0.01 0.00
JERICHO_RISE_WT_PWR 323719	37.50 0.26 0.00	40.24 0.28 0.00	46.02 0.44 0.00	42.47 0.26 0.00	43.48 0.00 0.00	43.26 0.53 0.00	59.36 0.86 0.00	58.07 0.46 0.00	73.12 0.85 0.00	63.44 0.46 0.00	59.86 0.48 0.00	69.56 0.81 0.00	62.05 1.02 0.00	66.75 0.87 0.00	58.58 0.46 0.00	53.56 0.13 0.00	59.47 0.12 0.00	65.21 -0.72 0.00	55.63 -1.15 0.00	56.40 -1.00 0.00	49.76 -1.18 0.00	46.14 -1.25 0.00	35.93 -1.07 0.00	35.33 -0.96 0.00
KATONAH___115KV_46KV_TB4 355592	39.02 1.79 0.00	41.71 1.76 0.00	47.35 1.77 0.00	43.93 1.72 0.00	45.25 1.77 0.00	44.62 1.90 0.00	61.22 2.72 0.00	60.84 3.23 0.00	76.31 3.91 -0.13	67.96 3.44 -1.52	64.01 3.50 -1.13	72.95 4.19 0.00	64.61 3.59 0.00	69.90 4.02 0.00	61.60 3.49 0.00	59.69 3.39 -2.87	74.74 3.89 -11.49	73.08 5.33 -1.81	61.16 4.38 0.00	61.53 4.13 0.00	54.72 3.79 0.00	60.27 3.34 -9.54	39.42 2.41 0.00	38.45 2.16 0.00
KCE_NY_1 323755	39.46 2.22 0.00	42.36 2.40 0.00	48.07 2.49 0.00	44.61 2.39 0.00	45.91 2.43 0.00	45.14 2.41 0.00	61.85 3.35 0.00	61.01 3.40 0.00	76.58 4.27 -0.04	67.00 3.58 -0.43	63.36 3.65 -0.32	72.98 4.22 0.00	64.65 3.62 0.00	70.70 4.82 0.00	62.16 4.04 0.00	58.13 3.89 -0.81	67.15 4.54 -3.26	72.14 5.69 -0.51	61.57 4.79 0.00	62.15 4.75 0.00	55.03 4.09 0.00	53.75 3.64 -2.71	39.74 2.73 0.00	38.96 2.66 0.00
KCE_NY_6_ESR 323823	35.49 -1.75 0.00	37.90 -2.06 0.00	43.61 -1.97 0.00	40.22 -2.00 0.00	41.68 -1.80 0.00	40.92 -1.80 0.00	56.10 -2.40 0.00	53.61 -2.78 1.21	44.33 -2.38 25.55	60.15 -2.84 0.00	56.80 -2.59 0.00	65.57 -3.18 0.00	58.18 -2.85 0.00	62.73 -3.15 0.00	55.68 -2.43 0.00	51.28 -2.15 0.00	56.89 -2.46 0.00	63.04 -2.89 0.00	53.64 -3.14 0.00	54.18 -3.22 0.00	47.81 -3.12 0.00	45.11 -2.28 0.00	35.68 -1.32 0.00	35.32 -0.97 0.00
KEDC_PORT_JEFF_GT2 24210	39.80 2.56 0.00	42.46 2.51 0.00	48.07 2.49 0.00	44.62 2.41 0.00	45.96 2.48 0.00	45.55 2.82 0.00	62.15 3.64 0.00	61.87 4.26 0.00	76.59 4.15 -0.17	68.45 3.47 -2.00	64.91 4.05 -1.48	73.74 4.98 0.00	66.01 4.98 0.00	71.36 5.48 0.00	63.02 4.91 0.00	61.92 4.74 -3.75	79.22 4.84 -15.03	74.88 6.58 -2.37	62.70 5.92 0.00	63.43 6.02 0.00	56.22 5.29 0.00	64.32 4.41 -12.53	40.18 3.17 0.00	39.01 2.72 0.00
KEDC_PORT_JEFF_GT3 24211	39.80 2.56 0.00	42.46 2.51 0.00	48.07 2.49 0.00	44.62 2.41 0.00	45.96 2.48 0.00	45.55 2.82 0.00	62.15 3.64 0.00	61.87 4.26 0.00	76.59 4.15 -0.17	68.45 3.47 -2.00	64.91 4.05 -1.48	73.74 4.98 0.00	66.01 4.98 0.00	71.36 5.48 0.00	63.02 4.91 0.00	61.92 4.74 -3.75	79.22 4.84 -15.03	74.88 6.58 -2.37	62.70 5.92 0.00	63.43 6.02 0.00	56.22 5.29 0.00	64.32 4.41 -12.53	40.18 3.17 0.00	39.01 2.72 0.00
KEDC_GLWD_GT4 24219	39.23 1.99 0.00	41.90 1.94 0.00	47.53 1.95 0.00	44.08 1.87 0.00	45.41 1.93 0.00	44.85 2.12 0.00	61.36 2.86 0.00	60.65 3.05 0.00	75.98 3.55 -0.17	68.10 3.11 -2.00	64.20 3.34 -1.48	72.77 4.02 0.00	64.51 3.49 0.00	69.79 3.91 0.00	61.56 3.44 0.00	60.53 3.35 -3.75	78.10 3.72 -15.03	73.55 5.24 -2.37	61.11 4.33 0.00	61.58 4.18 0.00	54.88 3.95 0.00	63.53 3.61 -12.53	39.62 2.62 0.00	38.61 2.32 0.00
KEDC_GLWD_GT5 24220	39.23 1.99 0.00	41.90 1.94 0.00	47.53 1.95 0.00	44.08 1.87 0.00	45.41 1.93 0.00	44.85 2.12 0.00	61.36 2.86 0.00	60.65 3.05 0.00	75.98 3.55 -0.17	68.10 3.11 -2.00	64.20 3.34 -1.48	72.77 4.02 0.00	64.51 3.49 0.00	69.79 3.91 0.00	61.56 3.44 0.00	60.53 3.35 -3.75	78.10 3.72 -15.03	73.55 5.24 -2.37	61.11 4.33 0.00	61.58 4.18 0.00	54.88 3.95 0.00	63.53 3.61 -12.53	39.62 2.62 0.00	38.61 2.32 0.00

KENSICO____ 23655	38.82 1.58 0.00	41.49 1.54 0.00	47.11 1.53 0.00	43.71 1.50 0.00	45.01 1.53 0.00	44.37 1.65 0.00	60.83 2.33 0.00	60.46 2.85 0.00	75.82 3.37 -0.17	68.03 2.99 -2.06	63.98 3.07 -1.52	72.46 3.71 0.00	64.20 3.17 0.00	69.43 3.55 0.00	61.20 3.09 0.00	60.30 3.00 -3.87	78.27 3.42 -15.49	73.17 4.80 -2.44	60.67 3.90 0.00	61.07 3.67 0.00	54.34 3.40 0.00	63.31 2.99 -12.92	39.16 2.15 0.00	38.23 1.94 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.45 2.22 0.00	42.15 2.19 0.00	47.91 2.33 0.00	44.40 2.19 0.00	45.80 2.32 0.00	45.16 2.43 0.00	62.21 3.71 0.00	61.89 4.29 0.00	77.49 5.28 0.05	67.04 4.67 0.62	63.55 4.62 0.46	74.20 5.44 0.00	65.68 4.65 0.00	70.85 4.97 0.00	62.49 4.38 0.00	56.22 4.16 1.37	58.48 4.90 5.77	71.49 6.46 0.90	62.11 5.33 0.00	62.40 5.00 0.00	55.52 4.59 0.00	47.14 4.02 4.27	39.88 2.87 0.00	38.88 2.58 0.00
KIAC_JFK_GT1 23816	39.08 1.84 0.00	41.79 1.83 0.00	47.38 1.80 0.00	43.98 1.77 0.00	45.27 1.79 0.00	44.60 1.88 0.00	61.18 2.68 0.00	60.95 3.34 0.00	76.48 4.04 -0.17	68.51 3.52 -2.00	64.38 3.51 -1.48	73.14 4.39 0.00	64.75 3.72 0.00	70.04 4.16 0.00	61.73 3.61 0.00	60.67 3.48 -3.76	78.39 3.98 -15.06	73.70 5.39 -2.38	61.14 4.36 0.00	61.53 4.12 0.00	54.83 3.89 0.00	63.40 3.45 -12.56	39.49 2.48 0.00	38.50 2.21 0.00
KIAC_JFK_GT2 23817	39.08 1.84 0.00	41.79 1.83 0.00	47.38 1.80 0.00	43.98 1.77 0.00	45.27 1.79 0.00	44.60 1.88 0.00	61.18 2.68 0.00	60.95 3.34 0.00	76.48 4.04 -0.17	68.51 3.52 -2.00	64.38 3.51 -1.48	73.14 4.39 0.00	64.75 3.72 0.00	70.04 4.16 0.00	61.73 3.61 0.00	60.67 3.48 -3.76	78.39 3.98 -15.06	73.70 5.39 -2.38	61.14 4.36 0.00	61.53 4.12 0.00	54.83 3.89 0.00	63.40 3.45 -12.56	39.49 2.48 0.00	38.50 2.21 0.00
KIAC_JFK____ 323774	39.08 1.84 0.00	41.79 1.83 0.00	47.38 1.80 0.00	43.98 1.77 0.00	45.27 1.79 0.00	44.60 1.87 0.00	61.18 2.68 0.00	60.94 3.34 0.00	76.48 4.04 -0.17	68.51 3.52 -2.00	64.38 3.52 -1.48	73.14 4.39 0.00	64.75 3.73 0.00	70.04 4.16 0.00	61.73 3.62 0.00	60.68 3.49 -3.76	78.38 3.97 -15.06	73.70 5.39 -2.38	61.14 4.36 0.00	61.53 4.12 0.00	54.83 3.89 0.00	63.40 3.46 -12.56	39.49 2.48 0.00	38.50 2.21 0.00
KINTIGH____ 23543	34.62 -2.62 0.00	37.00 -2.95 0.00	42.46 -3.12 0.00	39.19 -3.02 0.00	40.51 -2.97 0.00	39.85 -2.88 0.00	54.43 -4.07 0.00	53.13 -4.47 0.00	67.48 -4.79 0.00	58.28 -4.71 0.00	55.08 -4.31 0.00	63.62 -5.13 0.00	56.48 -4.55 0.00	60.89 -4.99 0.00	53.97 -4.14 0.00	49.72 -3.71 0.00	55.13 -4.23 0.00	61.14 -4.79 0.00	52.16 -4.62 0.00	52.71 -4.69 0.00	46.61 -4.32 0.00	43.78 -3.61 0.00	34.58 -2.43 0.00	34.21 -2.08 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.96 0.72 0.00	40.72 0.76 0.00	46.52 0.94 0.00	43.03 0.81 0.00	44.02 0.54 0.00	43.78 1.05 0.00	60.26 1.76 0.00	59.12 1.52 0.00	74.43 2.16 0.00	64.49 1.50 0.00	60.87 1.48 0.00	70.69 1.94 0.00	62.94 1.92 0.00	67.84 1.96 0.00	59.56 1.44 0.00	54.54 1.11 0.00	60.63 1.28 0.00	66.69 0.76 0.00	56.72 -0.06 0.00	57.39 -0.01 0.00	50.56 -0.37 0.00	46.87 -0.52 0.00	36.46 -0.55 0.00	35.81 -0.48 0.00
LACHUTE__HYDRO 323717	41.31 4.07 0.00	44.13 4.17 0.00	49.95 4.36 0.00	46.52 4.31 0.00	47.61 4.13 0.00	46.93 4.20 0.00	64.69 6.19 0.00	63.75 6.15 0.00	79.93 7.63 -0.04	69.90 6.49 -0.42	66.22 6.52 -0.31	76.47 7.72 0.00	67.52 6.49 0.00	73.84 7.95 0.00	64.64 6.52 0.00	60.78 6.55 -0.80	70.33 7.79 -3.19	76.05 9.61 -0.51	65.02 8.24 0.00	65.94 8.54 0.00	58.15 7.22 0.00	56.29 6.24 -2.66	41.69 4.68 0.00	41.23 4.94 0.00
LAWRNCV_115KV_TB1 80681	37.29 0.05 0.00	40.23 0.28 0.00	46.03 0.45 0.00	42.56 0.34 0.00	43.17 -0.31 0.00	42.81 0.08 0.00	58.05 -0.45 0.00	56.98 -0.62 0.00	71.37 -0.90 0.00	62.00 -0.99 0.00	59.00 -0.39 0.00	67.71 -1.05 0.00	60.02 -1.01 0.00	63.36 -2.52 0.00	54.31 -3.81 0.00	50.26 -3.17 0.00	56.36 -2.99 0.00	62.06 -3.87 0.00	52.89 -3.89 0.00	53.39 -4.01 0.00	47.01 -3.92 0.00	43.37 -4.02 0.00	34.14 -2.87 0.00	34.34 -1.95 0.00
LEDERLE____ 23769	38.67 1.44 0.00	41.35 1.39 0.00	46.97 1.39 0.00	43.59 1.38 0.00	44.92 1.44 0.00	44.26 1.54 0.00	60.75 2.25 0.00	60.37 2.77 0.00	75.17 3.19 0.28	62.48 2.85 3.36	59.81 2.91 2.49	72.29 3.54 0.00	64.03 3.01 0.00	69.20 3.32 0.00	61.02 2.90 0.00	50.02 2.79 6.20	37.68 3.20 24.86	66.58 4.57 3.92	60.47 3.70 0.00	60.85 3.45 0.00	54.13 3.19 0.00	29.20 2.79 20.98	38.99 1.98 0.00	38.09 1.80 0.00
LIGHTHSE_115KV_TB6 355974	36.04 -1.20 0.00	38.81 -1.15 0.00	44.41 -1.17 0.00	41.11 -1.10 0.00	42.49 -1.00 0.00	41.79 -0.94 0.00	57.57 -0.93 0.00	56.74 -0.87 0.00	70.98 -1.29 0.00	61.98 -1.01 0.00	57.87 -1.52 0.00	67.04 -1.71 0.00	59.48 -1.54 0.00	63.88 -2.00 0.00	56.52 -1.59 0.00	52.20 -1.23 0.00	57.92 -1.43 0.00	64.01 -1.92 0.00	54.86 -1.91 0.00	55.35 -2.05 0.00	49.11 -1.83 0.00	45.69 -1.71 0.00	35.65 -1.36 0.00	34.92 -1.37 0.00
LINDEN COGEN____ 23786	38.87 1.63 0.00	41.53 1.57 0.00	47.12 1.53 0.00	43.69 1.48 0.00	45.00 1.52 0.00	44.38 1.66 0.00	60.81 2.30 0.00	60.50 2.90 0.00	75.85 3.41 -0.17	68.10 3.11 -2.00	63.98 3.11 -1.48	72.58 3.83 0.00	64.31 3.28 0.00	69.54 3.67 0.00	61.33 3.21 0.00	60.36 3.17 -3.76	77.98 3.56 -15.06	73.33 5.02 -2.38	60.83 4.05 0.00	61.17 3.77 0.00	54.47 3.53 0.00	63.10 3.15 -12.56	39.31 2.30 0.00	38.36 2.07 0.00
LINDHRST_69_KV_BK1 356055	39.85 2.61 0.00	42.50 2.54 0.00	48.14 2.56 0.00	44.67 2.45 0.00	46.01 2.53 0.00	45.57 2.84 0.00	62.22 3.71 0.00	61.92 4.32 0.00	77.31 4.88 -0.17	69.04 4.05 -2.00	65.42 4.56 -1.48	74.18 5.42 0.00	65.88 4.85 0.00	71.25 5.37 0.00	62.89 4.78 0.00	61.77 4.59 -3.75	79.37 4.99 -15.03	75.09 6.79 -2.37	62.56 5.78 0.00	63.27 5.87 0.00	56.16 5.23 0.00	64.40 4.49 -12.53	40.27 3.26 0.00	39.16 2.87 0.00
LIPA_MISC_IPP 23656	39.78 2.54 0.00	42.45 2.49 0.00	48.07 2.49 0.00	44.61 2.40 0.00	45.95 2.47 0.00	45.53 2.81 0.00	62.03 3.53 0.00	61.74 4.14 0.00	76.97 4.53 -0.17	68.81 3.82 -2.00	65.26 4.39 -1.48	74.10 5.35 0.00	65.94 4.91 0.00	71.32 5.44 0.00	62.98 4.87 0.00	61.88 4.70 -3.75	79.44 5.07 -15.03	75.09 6.79 -2.37	62.59 5.82 0.00	63.36 5.95 0.00	56.14 5.21 0.00	64.24 4.32 -12.53	40.10 3.09 0.00	38.90 2.61 0.00
LISF__SOLAR 323691	39.85 2.61 0.00	42.53 2.57 0.00	48.13 2.55 0.00	44.68 2.46 0.00	46.01 2.53 0.00	45.60 2.88 0.00	62.14 3.63 0.00	61.85 4.25 0.00	77.13 4.69 -0.17	68.94 3.95 -2.00	65.39 4.52 -1.48	74.24 5.49 0.00	66.06 5.04 0.00	71.45 5.57 0.00	63.10 4.98 0.00	61.99 4.81 -3.75	79.59 5.21 -15.03	75.24 6.94 -2.37	62.74 5.96 0.00	63.49 6.09 0.00	56.26 5.33 0.00	64.33 4.41 -12.53	40.18 3.17 0.00	38.97 2.68 0.00

LITTLE FALLS___HYD 24013	37.49 0.25 0.00	40.24 0.28 0.00	45.74 0.16 0.00	42.37 0.16 0.00	43.73 0.25 0.00	42.90 0.17 0.00	58.65 0.15 0.00	57.97 0.36 0.00	72.83 0.56 0.00	63.36 0.37 0.00	59.65 0.27 0.00	69.24 0.49 0.00	61.34 0.31 0.00	66.64 0.76 0.00	58.53 0.41 0.00	53.97 0.53 0.00	60.21 0.86 0.00	67.67 1.74 0.00	58.09 1.31 0.00	58.47 1.07 0.00	51.88 0.94 0.00	47.89 0.49 0.00	37.34 0.33 0.00	36.48 0.19 0.00
LITTLRIV_115KV_TB1 356100	38.02 0.78 0.00	41.00 1.05 0.00	46.90 1.32 0.00	43.35 1.14 0.00	43.98 0.49 0.00	43.60 0.87 0.00	59.24 0.74 0.00	58.15 0.55 0.00	72.84 0.57 0.00	63.19 0.20 0.00	60.10 0.72 0.00	68.51 -0.25 0.00	60.69 -0.34 0.00	63.68 -2.20 0.00	54.58 -3.54 0.00	51.07 -2.36 0.00	57.57 -1.78 0.00	63.51 -2.42 0.00	54.12 -2.65 0.00	54.63 -2.77 0.00	48.07 -2.87 0.00	44.28 -3.11 0.00	34.80 -2.21 0.00	35.00 -1.30 0.00
LI_NEWBRDGE___DRP 323616	39.20 1.97 0.00	41.86 1.91 0.00	47.45 1.87 0.00	44.03 1.82 0.00	45.34 1.86 0.00	44.84 2.12 0.00	61.25 2.75 0.00	60.95 3.34 0.00	76.14 3.70 -0.17	68.16 3.18 -2.00	64.42 3.56 -1.48	73.02 4.27 0.00	64.79 3.77 0.00	70.07 4.19 0.00	61.84 3.73 0.00	60.82 3.64 -3.75	78.29 3.91 -15.03	73.83 5.53 -2.37	61.43 4.66 0.00	62.01 4.61 0.00	55.08 4.15 0.00	63.47 3.55 -12.53	39.58 2.57 0.00	38.53 2.24 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.97 -2.27 0.00	37.34 -2.62 0.00	42.91 -2.67 0.00	39.57 -2.65 0.00	40.93 -2.55 0.00	40.29 -2.44 0.00	55.04 -3.47 0.00	53.60 -4.00 0.00	68.41 -3.86 0.00	58.88 -4.11 0.00	55.63 -3.76 0.00	64.13 -4.62 0.00	56.84 -4.18 0.00	61.37 -4.51 0.00	54.48 -3.63 0.00	50.29 -3.14 0.00	55.77 -3.58 0.00	61.69 -4.24 0.00	52.55 -4.23 0.00	53.08 -4.32 0.00	46.91 -4.02 0.00	44.20 -3.19 0.00	34.96 -2.05 0.00	34.66 -1.63 0.00
LOCKPORT___CC1 323769	34.90 -2.34 0.00	37.27 -2.69 0.00	42.83 -2.75 0.00	39.48 -2.73 0.00	40.86 -2.62 0.00	40.20 -2.52 0.00	54.92 -3.59 0.00	52.52 -4.11 0.97	47.76 -3.95 20.56	58.76 -4.23 0.00	55.50 -3.89 0.00	63.99 -4.76 0.00	56.77 -4.26 0.00	61.24 -4.64 0.00	54.36 -3.76 0.00	50.15 -3.29 0.00	55.64 -3.71 0.00	61.54 -4.40 0.00	52.41 -4.37 0.00	52.94 -4.46 0.00	46.78 -4.15 0.00	44.10 -3.29 0.00	34.87 -2.13 0.00	34.60 -1.69 0.00
LOCKPORT___CC2 323770	34.90 -2.34 0.00	37.27 -2.69 0.00	42.83 -2.75 0.00	39.48 -2.73 0.00	40.86 -2.62 0.00	40.20 -2.52 0.00	54.92 -3.59 0.00	52.52 -4.11 0.97	47.76 -3.95 20.56	58.76 -4.23 0.00	55.50 -3.89 0.00	63.99 -4.76 0.00	56.77 -4.26 0.00	61.24 -4.64 0.00	54.36 -3.76 0.00	50.15 -3.29 0.00	55.64 -3.71 0.00	61.54 -4.40 0.00	52.41 -4.37 0.00	52.94 -4.46 0.00	46.78 -4.15 0.00	44.10 -3.29 0.00	34.87 -2.13 0.00	34.60 -1.69 0.00
LOCKPORT___CC3 323771	34.90 -2.34 0.00	37.27 -2.69 0.00	42.83 -2.75 0.00	39.48 -2.73 0.00	40.86 -2.62 0.00	40.20 -2.52 0.00	54.92 -3.59 0.00	52.52 -4.11 0.97	47.76 -3.95 20.56	58.76 -4.23 0.00	55.50 -3.89 0.00	63.99 -4.76 0.00	56.77 -4.26 0.00	61.24 -4.64 0.00	54.36 -3.76 0.00	50.15 -3.29 0.00	55.64 -3.71 0.00	61.54 -4.40 0.00	52.41 -4.37 0.00	52.94 -4.46 0.00	46.78 -4.15 0.00	44.10 -3.29 0.00	34.87 -2.13 0.00	34.60 -1.69 0.00
LONG_LAKE_PHOENIX 24014	35.95 -1.29 0.00	38.56 -1.39 0.00	44.01 -1.56 0.00	40.72 -1.49 0.00	42.05 -1.44 0.00	41.30 -1.42 0.00	56.78 -1.73 0.00	56.01 -1.60 0.00	70.26 -2.01 0.00	61.14 -1.86 0.00	57.53 -1.86 0.00	66.62 -2.13 0.00	59.11 -1.92 0.00	63.84 -2.04 0.00	56.48 -1.64 0.00	51.99 -1.44 0.00	57.79 -1.57 0.00	64.36 -1.57 0.00	55.26 -1.52 0.00	55.80 -1.60 0.00	49.43 -1.50 0.00	46.00 -1.39 0.00	35.91 -1.10 0.00	35.21 -1.08 0.00
LOVETT___3 23632	38.47 1.23 0.00	41.13 1.17 0.00	46.71 1.13 0.00	43.36 1.15 0.00	44.67 1.19 0.00	44.01 1.29 0.00	60.33 1.83 0.00	59.93 2.33 0.00	74.60 2.62 0.29	61.92 2.34 3.42	59.28 2.43 2.53	71.72 2.96 0.00	63.55 2.52 0.00	68.73 2.85 0.00	60.61 2.50 0.00	49.54 2.43 6.32	36.80 2.79 25.33	66.05 4.10 3.99	60.08 3.30 0.00	60.45 3.05 0.00	53.78 2.84 0.00	28.48 2.47 21.38	38.77 1.76 0.00	37.88 1.59 0.00
LOVETT___4 23642	38.47 1.23 0.00	41.13 1.17 0.00	46.71 1.13 0.00	43.36 1.15 0.00	44.67 1.19 0.00	44.01 1.29 0.00	60.33 1.83 0.00	59.93 2.33 0.00	74.60 2.62 0.29	61.92 2.34 3.42	59.28 2.43 2.53	71.72 2.96 0.00	63.55 2.52 0.00	68.73 2.85 0.00	60.61 2.50 0.00	49.54 2.43 6.32	36.80 2.79 25.33	66.05 4.10 3.99	60.08 3.30 0.00	60.45 3.05 0.00	53.78 2.84 0.00	28.48 2.47 21.38	38.77 1.76 0.00	37.88 1.59 0.00
LOVETT___5 23593	38.47 1.23 0.00	41.13 1.17 0.00	46.71 1.13 0.00	43.36 1.15 0.00	44.67 1.19 0.00	44.01 1.29 0.00	60.33 1.83 0.00	59.93 2.33 0.00	74.60 2.62 0.29	61.92 2.34 3.42	59.28 2.43 2.53	71.72 2.96 0.00	63.55 2.52 0.00	68.73 2.85 0.00	60.61 2.50 0.00	49.54 2.43 6.32	36.80 2.79 25.33	66.05 4.10 3.99	60.08 3.30 0.00	60.45 3.05 0.00	53.78 2.84 0.00	28.48 2.47 21.38	38.77 1.76 0.00	37.88 1.59 0.00
LOWER RAQUET___HYD 24057	37.29 0.05 0.00	40.23 0.27 0.00	46.03 0.45 0.00	42.55 0.34 0.00	43.17 -0.31 0.00	42.81 0.08 0.00	58.05 -0.46 0.00	56.98 -0.62 0.00	71.37 -0.89 0.00	62.00 -0.99 0.00	59.00 -0.39 0.00	67.71 -1.05 0.00	60.02 -1.01 0.00	63.36 -2.52 0.00	54.31 -3.81 0.00	50.26 -3.17 0.00	56.36 -2.99 0.00	62.06 -3.87 0.00	52.89 -3.89 0.00	53.39 -4.01 0.00	47.01 -3.92 0.00	43.37 -4.02 0.00	34.14 -2.87 0.00	34.34 -1.95 0.00
LOWER___HUDSON 24059	38.82 1.58 0.00	41.62 1.66 0.00	47.28 1.70 0.00	43.94 1.73 0.00	45.14 1.66 0.00	44.37 1.65 0.00	60.55 2.04 0.00	59.69 2.08 0.00	75.00 2.69 -0.04	65.70 2.26 -0.45	61.99 2.27 -0.34	71.46 2.71 0.00	63.29 2.26 0.00	68.79 2.91 0.00	60.45 2.33 0.00	56.60 2.32 -0.86	65.50 2.70 -3.44	70.07 3.60 -0.54	59.79 3.01 0.00	60.34 2.94 0.00	53.56 2.63 0.00	52.57 2.32 -2.86	38.78 1.77 0.00	38.04 1.75 0.00
LOWVILLE_115KV_TB2 356335	36.49 -0.74 0.00	39.58 -0.38 0.00	45.46 -0.12 0.00	42.25 0.04 0.00	43.59 0.11 0.00	43.01 0.28 0.00	59.42 0.91 0.00	58.44 0.84 0.00	72.86 0.59 0.00	63.62 0.63 0.00	59.05 -0.34 0.00	68.74 -0.01 0.00	60.84 -0.19 0.00	64.76 -1.12 0.00	56.94 -1.18 0.00	52.48 -0.95 0.00	58.02 -1.34 0.00	63.83 -2.10 0.00	54.50 -2.28 0.00	54.90 -2.51 0.00	48.58 -2.35 0.00	45.04 -2.35 0.00	35.15 -1.86 0.00	34.49 -1.81 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.45 2.21 0.00	42.32 2.36 0.00	48.08 2.50 0.00	44.62 2.41 0.00	45.91 2.43 0.00	45.11 2.39 0.00	61.82 3.32 0.00	60.97 3.36 0.00	76.53 4.22 -0.04	66.98 3.56 -0.43	63.28 3.58 -0.32	72.94 4.19 0.00	64.64 3.61 0.00	70.65 4.77 0.00	62.13 4.01 0.00	58.10 3.86 -0.81	67.12 4.51 -3.26	72.09 5.65 -0.51	61.53 4.75 0.00	62.11 4.70 0.00	55.02 4.09 0.00	53.73 3.63 -2.71	39.72 2.71 0.00	38.95 2.66 0.00

LUTHERNY_35_KV_BK2 355980	39.46 2.22 0.00	42.36 2.40 0.00	48.07 2.49 0.00	44.61 2.40 0.00	45.91 2.43 0.00	45.14 2.41 0.00	61.85 3.35 0.00	61.01 3.40 0.00	76.58 4.27 -0.04	67.00 3.58 -0.43	63.35 3.65 -0.32	72.98 4.22 0.00	64.64 3.61 0.00	70.70 4.82 0.00	62.16 4.04 0.00	58.13 3.89 -0.81	67.15 4.54 -3.26	72.14 5.69 -0.51	61.57 4.79 0.00	62.15 4.75 0.00	55.02 4.09 0.00	53.75 3.64 -2.71	39.74 2.73 0.00	38.96 2.67 0.00
LWR___OSWEGATCHIE_HYD 23850	36.67 -0.57 0.00	39.66 -0.30 0.00	45.40 -0.18 0.00	42.07 -0.14 0.00	43.02 -0.46 0.00	42.55 -0.17 0.00	58.22 -0.29 0.00	57.21 -0.39 0.00	71.46 -0.80 0.00	62.25 -0.74 0.00	58.49 -0.90 0.00	67.58 -1.17 0.00	59.83 -1.20 0.00	63.46 -2.42 0.00	55.01 -3.10 0.00	50.75 -2.68 0.00	56.56 -2.79 0.00	62.21 -3.72 0.00	53.05 -3.73 0.00	53.48 -3.92 0.00	47.21 -3.72 0.00	43.62 -3.78 0.00	34.19 -2.81 0.00	34.03 -2.26 0.00
LYONS_FALL_HYD 23570	37.05 -0.19 0.00	40.02 0.06 0.00	45.87 0.29 0.00	42.55 0.34 0.00	43.92 0.44 0.00	43.27 0.55 0.00	59.70 1.19 0.00	58.78 1.17 0.00	73.47 1.21 0.00	64.10 1.11 0.00	59.85 0.47 0.00	69.50 0.75 0.00	61.53 0.50 0.00	65.90 0.02 0.00	58.03 -0.08 0.00	53.45 0.01 0.00	59.22 -0.13 0.00	65.47 -0.46 0.00	56.03 -0.75 0.00	56.48 -0.92 0.00	50.02 -0.92 0.00	46.42 -0.98 0.00	36.18 -0.83 0.00	35.46 -0.83 0.00
MADISON___COUNTY_LFGE 323628	37.79 0.56 0.00	40.68 0.72 0.00	46.50 0.92 0.00	43.01 0.79 0.00	44.50 1.02 0.00	43.74 1.02 0.00	60.32 1.82 0.00	59.48 1.88 0.00	74.55 2.28 0.00	64.95 1.96 0.00	61.12 1.74 0.00	70.67 1.92 0.00	62.63 1.60 0.00	67.61 1.73 0.00	59.71 1.60 0.00	54.91 1.48 0.00	60.99 1.64 0.00	67.74 1.81 0.00	58.11 1.33 0.00	58.61 1.21 0.00	51.92 0.98 0.00	48.23 0.84 0.00	37.58 0.58 0.00	36.77 0.48 0.00
MALONE___115KV_TB1 356076	37.98 0.74 0.00	40.80 0.84 0.00	46.62 1.04 0.00	43.07 0.86 0.00	44.00 0.52 0.00	43.75 1.03 0.00	59.93 1.43 0.00	58.73 1.12 0.00	73.88 1.61 0.00	64.09 1.10 0.00	60.56 1.18 0.00	70.10 1.35 0.00	62.44 1.41 0.00	66.86 0.98 0.00	58.36 0.24 0.00	53.51 0.08 0.00	59.66 0.30 0.00	65.56 -0.37 0.00	55.90 -0.88 0.00	56.57 -0.83 0.00	49.85 -1.09 0.00	46.10 -1.29 0.00	35.98 -1.03 0.00	35.53 -0.76 0.00
MAPLEWOD_115KV_TB3 80458	38.47 1.23 0.00	41.28 1.32 0.00	46.94 1.36 0.00	43.63 1.42 0.00	44.83 1.35 0.00	44.03 1.31 0.00	59.93 1.42 0.00	59.16 1.56 0.00	74.28 1.98 -0.04	65.11 1.68 -0.44	61.39 1.68 -0.32	70.79 2.04 0.00	62.74 1.71 0.00	68.02 2.14 0.00	59.84 1.73 0.00	55.99 1.73 -0.82	64.69 2.04 -3.30	69.30 2.85 -0.52	59.13 2.35 0.00	59.65 2.24 0.00	52.95 2.02 0.00	51.95 1.81 -2.75	38.45 1.44 0.00	37.68 1.39 0.00
MAPLE_RIDGE_WT_1 323574	36.77 -0.47 0.00	39.62 -0.33 0.00	45.43 -0.15 0.00	42.13 -0.08 0.00	43.32 -0.17 0.00	42.66 -0.06 0.00	58.45 -0.06 0.00	57.33 -0.27 0.00	71.86 -0.41 0.00	62.82 -0.17 0.00	59.19 -0.19 0.00	68.58 -0.17 0.00	60.93 -0.10 0.00	65.52 -0.36 0.00	57.41 -0.70 0.00	52.41 -1.02 0.00	58.01 -1.34 0.00	64.21 -1.72 0.00	55.30 -1.48 0.00	55.94 -1.46 0.00	49.61 -1.32 0.00	46.07 -1.32 0.00	35.94 -1.06 0.00	35.24 -1.05 0.00
MAPLE_RIDGE_WT_2 323611	36.77 -0.47 0.00	39.62 -0.33 0.00	45.43 -0.15 0.00	42.13 -0.08 0.00	43.32 -0.17 0.00	42.66 -0.06 0.00	58.45 -0.06 0.00	57.33 -0.27 0.00	71.86 -0.41 0.00	62.82 -0.17 0.00	59.19 -0.19 0.00	68.58 -0.17 0.00	60.93 -0.10 0.00	65.52 -0.36 0.00	57.41 -0.70 0.00	52.41 -1.02 0.00	58.01 -1.34 0.00	64.21 -1.72 0.00	55.30 -1.48 0.00	55.94 -1.46 0.00	49.61 -1.32 0.00	46.07 -1.32 0.00	35.94 -1.06 0.00	35.24 -1.05 0.00
MARBLE_RIVER_WT_PWR 323696	37.42 0.19 0.00	40.16 0.20 0.00	45.93 0.35 0.00	42.41 0.20 0.00	43.43 -0.05 0.00	43.19 0.46 0.00	59.32 0.81 0.00	58.12 0.51 0.00	73.18 0.91 0.00	63.47 0.48 0.00	59.92 0.54 0.00	69.63 0.88 0.00	62.03 1.00 0.00	66.79 0.91 0.00	58.66 0.55 0.00	53.66 0.23 0.00	59.59 0.24 0.00	65.48 -0.46 0.00	55.77 -1.01 0.00	56.52 -0.88 0.00	49.86 -1.07 0.00	46.26 -1.13 0.00	36.02 -0.99 0.00	35.39 -0.90 0.00
MARSHVLE_115KV_TB1 80742	38.85 1.62 0.00	41.70 1.74 0.00	47.70 2.12 0.00	44.18 1.97 0.00	45.58 2.10 0.00	44.89 2.16 0.00	62.08 3.57 0.00	61.23 3.63 0.00	76.59 4.30 -0.02	66.89 3.64 -0.26	62.65 3.08 -0.19	72.25 3.50 0.00	64.24 3.21 0.00	69.18 3.30 0.00	60.94 2.82 0.00	56.56 2.65 -0.48	64.41 3.11 -1.95	69.75 3.51 -0.31	59.68 2.90 0.00	60.20 2.80 0.00	53.27 2.34 0.00	51.21 2.12 -1.70	38.43 1.42 0.00	37.51 1.22 0.00
MARSH_HILL_WT_PWR 323713	35.12 -2.12 0.00	38.34 -1.62 0.00	44.25 -1.34 0.00	41.07 -1.14 0.00	42.72 -0.76 0.00	41.61 -1.12 0.00	57.56 -0.94 0.00	57.13 -0.48 0.00	72.16 -0.11 0.00	62.28 -0.71 0.00	58.44 -0.95 0.00	67.16 -1.59 0.00	59.13 -1.90 0.00	63.76 -2.12 0.00	56.15 -1.96 0.00	50.99 -2.44 0.00	56.71 -2.65 0.00	63.34 -2.59 0.00	53.68 -3.10 0.00	53.67 -3.73 0.00	46.76 -4.17 0.00	43.83 -3.57 0.00	34.51 -2.50 0.00	33.99 -2.30 0.00
MCINTYRE_115KV_TB2 80467	38.62 1.39 0.00	41.64 1.68 0.00	47.62 2.04 0.00	43.99 1.78 0.00	44.69 1.20 0.00	44.30 1.57 0.00	60.34 1.84 0.00	59.23 1.62 0.00	74.23 1.96 0.00	64.30 1.31 0.00	61.04 1.65 0.00	69.16 0.40 0.00	61.20 0.17 0.00	63.88 -2.00 0.00	54.81 -3.31 0.00	51.85 -1.59 0.00	58.71 -0.64 0.00	64.89 -1.05 0.00	55.28 -1.50 0.00	55.78 -1.63 0.00	49.04 -1.89 0.00	45.12 -2.27 0.00	35.40 -1.60 0.00	35.56 -0.73 0.00
MECO_____69_KV_BK1 80468	39.44 2.20 0.00	42.30 2.34 0.00	48.31 2.73 0.00	44.74 2.53 0.00	46.14 2.66 0.00	45.42 2.70 0.00	62.76 4.26 0.00	62.02 4.41 0.00	77.62 5.32 -0.03	67.78 4.48 -0.31	63.61 4.00 -0.23	73.17 4.42 0.00	65.05 4.03 0.00	70.36 4.48 0.00	62.06 3.94 0.00	57.72 3.71 -0.58	66.09 4.41 -2.32	71.55 5.25 -0.37	61.14 4.36 0.00	61.64 4.24 0.00	54.56 3.63 0.00	52.60 3.23 -1.98	39.28 2.27 0.00	38.36 2.07 0.00
MENANDS___115KV_TB5 355628	38.29 1.05 0.00	41.10 1.14 0.00	46.73 1.15 0.00	43.46 1.25 0.00	44.64 1.16 0.00	43.83 1.10 0.00	59.53 1.03 0.00	58.76 1.16 0.00	73.80 1.50 -0.04	64.69 1.26 -0.44	60.99 1.28 -0.33	70.34 1.59 0.00	62.34 1.31 0.00	67.58 1.70 0.00	59.43 1.32 0.00	55.60 1.34 -0.83	64.28 1.61 -3.31	68.82 2.37 -0.52	58.73 1.95 0.00	59.23 1.83 0.00	52.60 1.66 0.00	51.64 1.49 -2.76	38.26 1.26 0.00	37.51 1.22 0.00
MG INDUSTRY___DRP 24185	38.29 1.05 0.00	41.17 1.21 0.00	46.90 1.32 0.00	43.53 1.31 0.00	44.76 1.28 0.00	43.90 1.18 0.00	59.74 1.24 0.00	58.92 1.32 0.00	73.88 1.58 -0.03	64.63 1.26 -0.39	60.90 1.23 -0.29	70.26 1.51 0.00	62.36 1.33 0.00	67.56 1.68 0.00	59.47 1.36 0.00	55.50 1.36 -0.71	63.80 1.63 -2.82	68.64 2.26 -0.45	58.62 1.84 0.00	59.17 1.77 0.00	52.53 1.60 0.00	51.24 1.44 -2.41	38.20 1.19 0.00	37.47 1.18 0.00

MID___OSWEGATCHIE_HYD 23849	36.67 -0.57 0.00	39.66 -0.30 0.00	45.40 -0.18 0.00	42.07 -0.14 0.00	43.02 -0.46 0.00	42.55 -0.17 0.00	58.22 -0.29 0.00	57.21 -0.39 0.00	71.46 -0.80 0.00	62.25 -0.74 0.00	58.49 -0.90 0.00	67.58 -1.17 0.00	59.83 -1.20 0.00	63.46 0.00 0.00	55.01 -3.10 0.00	50.75 -2.68 0.00	56.56 -2.79 0.00	62.21 -3.72 0.00	53.05 -3.73 0.00	53.48 -3.92 0.00	47.21 -3.72 0.00	43.62 -3.78 0.00	34.19 -2.81 0.00	34.03 -2.26 0.00
MID___RAQUETTE_HYD 23851	37.29 0.05 0.00	40.23 0.28 0.00	46.03 0.45 0.00	42.56 0.34 0.00	43.17 -0.31 0.00	42.81 0.08 0.00	58.05 -0.45 0.00	56.98 -0.62 0.00	71.37 -0.90 0.00	62.00 -0.99 0.00	59.00 -0.39 0.00	67.71 -1.05 0.00	60.02 -1.01 0.00	63.36 -2.52 0.00	54.31 -3.81 0.00	50.26 -3.17 0.00	56.36 -2.99 0.00	62.06 -3.87 0.00	52.89 -3.89 0.00	53.39 -4.01 0.00	47.01 -3.92 0.00	43.37 -4.02 0.00	34.14 -2.87 0.00	34.34 -1.95 0.00
MILLIKEN___1 23584	37.36 0.13 0.00	40.05 0.09 0.00	45.74 0.16 0.00	42.27 0.06 0.00	43.79 0.31 0.00	42.90 0.17 0.00	59.14 0.63 0.00	58.22 0.62 0.00	72.89 0.63 0.00	63.38 0.39 0.00	59.73 0.34 0.00	69.07 0.31 0.00	61.27 0.24 0.00	66.12 0.24 0.00	58.67 0.56 0.00	53.80 0.37 0.00	59.90 0.55 0.00	67.04 1.11 0.00	57.46 0.68 0.00	58.12 0.71 0.00	51.41 0.48 0.00	47.76 0.37 0.00	37.27 0.27 0.00	36.52 0.23 0.00
MILLIKEN___2 23585	37.36 0.13 0.00	40.05 0.09 0.00	45.74 0.16 0.00	42.27 0.06 0.00	43.79 0.31 0.00	42.90 0.17 0.00	59.14 0.63 0.00	58.22 0.62 0.00	72.89 0.63 0.00	63.38 0.39 0.00	59.73 0.34 0.00	69.07 0.31 0.00	61.27 0.24 0.00	66.12 0.24 0.00	58.67 0.56 0.00	53.80 0.37 0.00	59.90 0.55 0.00	67.04 1.11 0.00	57.46 0.68 0.00	58.12 0.71 0.00	51.41 0.48 0.00	47.76 0.37 0.00	37.27 0.27 0.00	36.52 0.23 0.00
MILLIKEN___DIESEL 23629	37.36 0.13 0.00	40.05 0.09 0.00	45.74 0.16 0.00	42.27 0.06 0.00	43.79 0.31 0.00	42.90 0.17 0.00	59.14 0.63 0.00	58.22 0.62 0.00	72.89 0.63 0.00	63.38 0.39 0.00	59.73 0.34 0.00	69.07 0.31 0.00	61.27 0.24 0.00	66.12 0.24 0.00	58.67 0.56 0.00	53.80 0.37 0.00	59.90 0.55 0.00	67.04 1.11 0.00	57.46 0.68 0.00	58.12 0.71 0.00	51.41 0.48 0.00	47.76 0.37 0.00	37.27 0.27 0.00	36.52 0.23 0.00
MILLSEAT___LFGE 323607	35.74 -1.50 0.00	38.16 -1.80 0.00	43.81 -1.77 0.00	40.41 -1.81 0.00	41.83 -1.65 0.00	41.22 -1.50 0.00	56.45 -2.06 0.00	54.30 -2.42 0.89	51.68 -1.87 18.71	60.53 -2.46 0.00	57.15 -2.24 0.00	65.76 -2.99 0.00	58.31 -2.72 0.00	63.13 -2.75 0.00	56.05 -2.07 0.00	51.69 -1.74 0.00	57.42 -1.93 0.00	63.63 -2.30 0.00	54.24 -2.54 0.00	54.77 -2.64 0.00	48.34 -2.59 0.00	45.43 -1.96 0.00	35.79 -1.22 0.00	35.40 -0.89 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.73 1.49 0.00	41.40 1.44 0.00	47.01 1.43 0.00	43.62 1.41 0.00	44.93 1.45 0.00	44.28 1.56 0.00	60.71 2.21 0.00	60.31 2.71 0.00	75.63 3.19 -0.18	67.92 2.83 -2.10	63.84 2.90 -1.55	72.27 3.52 0.00	64.03 3.00 0.00	69.24 3.37 0.00	61.05 2.93 0.00	60.22 2.86 -3.93	78.38 3.25 -15.77	73.02 4.60 -2.49	60.52 3.75 0.00	60.91 3.51 0.00	54.18 3.25 0.00	63.41 2.86 -13.16	39.06 2.05 0.00	38.15 1.85 0.00
MILLWOOD_13_KV_LOAD 356217	38.78 1.55 0.00	41.46 1.51 0.00	47.09 1.51 0.00	43.68 1.47 0.00	44.99 1.51 0.00	44.33 1.61 0.00	60.79 2.29 0.00	60.42 2.82 0.00	75.77 3.32 -0.18	68.01 2.92 -2.10	63.95 3.01 -1.55	72.40 3.64 0.00	64.14 3.11 0.00	69.37 3.49 0.00	61.15 3.03 0.00	60.31 2.94 -3.93	78.49 3.37 -15.77	73.16 4.74 -2.49	60.64 3.86 0.00	61.02 3.62 0.00	54.29 3.35 0.00	63.48 2.93 -13.16	39.12 2.11 0.00	38.19 1.90 0.00
MODEL_CITY_ENERGY 24167	34.45 -2.78 0.00	36.80 -3.16 0.00	42.28 -3.30 0.00	38.98 -3.23 0.00	40.33 -3.16 0.00	39.68 -3.05 0.00	54.12 -4.38 0.00	51.59 -4.96 1.06	44.96 -5.03 22.28	57.85 -5.14 0.00	54.63 -4.75 0.00	63.02 -5.74 0.00	55.90 -5.12 0.00	60.26 -5.62 0.00	53.49 -4.62 0.00	49.40 -4.03 0.00	54.81 -4.55 0.00	60.54 -5.39 0.00	51.56 -5.21 0.00	52.11 -5.29 0.00	46.07 -4.86 0.00	43.44 -3.95 0.00	34.39 -2.62 0.00	34.16 -2.13 0.00
MODERN_LFGE___ 323580	34.45 -2.78 0.00	36.80 -3.16 0.00	42.28 -3.30 0.00	38.98 -3.23 0.00	40.33 -3.16 0.00	39.68 -3.05 0.00	54.12 -4.38 0.00	51.59 -4.96 1.06	44.96 -5.03 22.28	57.85 -5.14 0.00	54.63 -4.75 0.00	63.02 -5.74 0.00	55.90 -5.12 0.00	60.26 -5.62 0.00	53.49 -4.62 0.00	49.40 -4.03 0.00	54.81 -4.55 0.00	60.54 -5.39 0.00	51.56 -5.21 0.00	52.11 -5.29 0.00	46.07 -4.86 0.00	43.44 -3.95 0.00	34.39 -2.62 0.00	34.16 -2.13 0.00
MOHAWK_PAPER___DRP 24187	38.47 1.23 0.00	41.28 1.32 0.00	46.94 1.36 0.00	43.63 1.42 0.00	44.83 1.35 0.00	44.03 1.31 0.00	59.93 1.42 0.00	59.16 1.56 0.00	74.28 1.98 -0.04	65.11 1.68 -0.44	61.39 1.68 -0.32	70.79 2.04 0.00	62.74 1.71 0.00	68.02 2.14 0.00	59.84 1.73 0.00	55.99 1.73 -0.82	64.69 2.04 -3.30	69.30 2.85 -0.52	59.13 2.35 0.00	59.65 2.24 0.00	52.95 2.02 0.00	51.95 1.81 -2.75	38.45 1.44 0.00	37.68 1.39 0.00
MOHICAN___35_KV_115KV_LD 80490	39.64 2.40 0.00	42.47 2.51 0.00	48.26 2.68 0.00	44.78 2.56 0.00	46.03 2.55 0.00	45.22 2.50 0.00	62.03 3.53 0.00	61.22 3.61 0.00	76.89 4.59 -0.04	67.26 3.84 -0.42	63.61 3.91 -0.31	73.36 4.60 0.00	65.05 4.03 0.00	71.67 5.79 0.00	62.95 4.83 0.00	58.93 4.70 -0.80	68.04 5.49 -3.20	73.23 6.80 -0.51	62.56 5.78 0.00	63.18 5.78 0.00	55.93 4.99 0.00	54.44 4.38 -2.67	40.27 3.26 0.00	39.55 3.26 0.00
MONGAUP___HYD 23641	38.73 1.49 0.00	41.43 1.48 0.00	47.10 1.52 0.00	43.65 1.44 0.00	44.99 1.51 0.00	44.31 1.59 0.00	60.94 2.44 0.00	60.54 2.94 0.00	75.54 3.49 0.22	63.43 3.08 2.64	60.49 3.05 1.95	72.40 3.64 0.00	64.13 3.11 0.00	69.23 3.35 0.00	61.08 2.97 0.00	51.30 2.85 4.99	42.73 3.39 20.01	67.43 4.66 3.15	60.59 3.81 0.00	60.99 3.58 0.00	54.16 3.23 0.00	33.35 2.82 16.85	39.00 1.99 0.00	38.08 1.79 0.00
MONTAUK___DIESEL 23721	40.54 3.31 0.00	43.36 3.41 0.00	49.13 3.55 0.00	45.59 3.38 0.00	46.86 3.38 0.00	46.43 3.70 0.00	62.64 4.14 0.00	61.99 4.38 0.00	77.88 5.44 -0.17	69.90 4.91 -2.00	66.70 5.84 -1.48	76.14 7.39 0.00	67.68 6.65 0.00	73.17 7.29 0.00	64.60 6.48 0.00	63.44 6.26 -3.75	81.23 6.86 -15.03	76.40 8.10 -2.37	63.28 6.51 0.00	64.29 6.89 0.00	56.62 5.69 0.00	64.34 4.42 -12.53	39.76 2.75 0.00	38.15 1.86 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.69 -2.54 0.00	37.28 -2.68 0.00	42.98 -2.60 0.00	39.70 -2.51 0.00	41.27 -2.21 0.00	41.23 -1.49 0.00	57.43 -1.07 0.00	56.48 -1.13 0.00	71.37 -0.90 0.00	60.99 -2.00 0.00	57.85 -1.54 0.00	66.83 -1.92 0.00	58.90 -2.13 0.00	63.61 -2.27 0.00	57.05 -1.06 0.00	52.26 -1.17 0.00	57.62 -1.74 0.00	64.20 -1.73 0.00	54.26 -2.52 0.00	55.30 -2.10 0.00	49.16 -1.77 0.00	46.23 -1.17 0.00	36.64 -0.37 0.00	36.26 -0.03 0.00

MORRIS_RIDGE___SOLAR 323848	35.18 -2.06 0.00	37.93 -2.03 0.00	43.65 -1.93 0.00	40.32 -1.89 0.00	41.95 -1.53 0.00	40.97 -1.75 0.00	56.53 -1.98 0.00	55.70 -1.91 0.00	70.40 -1.87 0.00	60.77 -2.21 0.00	57.22 -2.17 0.00	66.10 -2.65 0.00	58.50 -2.53 0.00	62.90 -2.98 0.00	55.72 -2.39 0.00	51.00 -2.43 0.00	56.68 -2.67 0.00	63.05 -2.88 0.00	53.51 -3.27 0.00	53.72 -3.68 0.00	47.28 -3.65 0.00	44.54 -2.85 0.00	35.12 -1.89 0.00	34.66 -1.63 0.00
MORTIMER_115KV_TB3 55949	35.55 -1.68 0.00	38.01 -1.95 0.00	43.53 -2.05 0.00	40.21 -2.01 0.00	41.54 -1.94 0.00	40.89 -1.83 0.00	56.07 -2.43 0.00	55.00 -2.60 0.00	69.61 -2.66 0.00	60.24 -2.75 0.00	56.86 -2.53 0.00	65.64 -3.12 0.00	58.28 -2.75 0.00	62.95 -2.93 0.00	55.76 -2.35 0.00	51.37 -2.06 0.00	57.08 -2.27 0.00	63.39 -2.54 0.00	54.20 -2.58 0.00	54.73 -2.67 0.00	48.40 -2.54 0.00	45.23 -2.16 0.00	35.51 -1.49 0.00	34.99 -1.30 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.00 1.76 0.00	41.68 1.72 0.00	47.29 1.72 0.00	43.87 1.65 0.00	45.18 1.70 0.00	44.55 1.83 0.00	61.09 2.58 0.00	60.77 3.16 0.00	76.25 3.81 -0.17	68.35 3.36 -2.00	64.28 3.41 -1.48	72.87 4.12 0.00	64.57 3.55 0.00	69.84 3.96 0.00	61.58 3.46 0.00	60.54 3.36 -3.75	78.20 3.81 -15.05	73.54 5.24 -2.37	61.03 4.25 0.00	61.41 4.00 0.00	54.65 3.71 0.00	63.24 3.30 -12.54	39.39 2.38 0.00	38.44 2.15 0.00
MUNSVILLE_WIND_PWR 323609	39.78 2.55 0.00	42.63 2.67 0.00	48.77 3.19 0.00	44.90 2.69 0.00	46.68 3.20 0.00	45.73 3.00 0.00	63.99 5.49 0.00	68.00 10.16 -0.24	86.84 10.20 -4.37	70.48 7.96 0.47	65.72 6.68 0.35	76.51 7.76 0.00	68.10 7.07 0.00	72.67 6.79 0.00	64.59 6.47 0.00	58.34 5.80 0.90	62.19 6.43 3.59	69.68 4.16 0.41	61.82 5.04 0.00	60.72 3.32 0.00	53.65 2.72 0.00	48.50 2.23 1.12	38.44 1.43 0.00	37.54 1.25 0.00
N SALMON___HYD 24042	37.98 0.74 0.00	40.80 0.84 0.00	46.62 1.04 0.00	43.07 0.86 0.00	44.00 0.52 0.00	43.75 1.02 0.00	59.93 1.43 0.00	58.73 1.12 0.00	73.88 1.61 0.00	64.09 1.10 0.00	60.56 1.18 0.00	70.10 1.35 0.00	62.44 1.41 0.00	66.86 0.98 0.00	58.36 0.25 0.00	53.51 0.08 0.00	59.66 0.31 0.00	65.56 -0.37 0.00	55.90 -0.88 0.00	56.57 -0.83 0.00	49.85 -1.09 0.00	46.10 -1.29 0.00	35.98 -1.03 0.00	35.53 -0.76 0.00
N.AKRON__115KV_KNAPP 355671	35.50 -1.74 0.00	37.90 -2.06 0.00	43.52 -2.06 0.00	40.13 -2.09 0.00	41.54 -1.94 0.00	40.92 -1.80 0.00	55.99 -2.51 0.00	54.66 -2.94 0.00	69.72 -2.54 0.00	59.97 -3.02 0.00	56.65 -2.74 0.00	65.24 -3.51 0.00	57.83 -3.20 0.00	62.55 -3.33 0.00	55.53 -2.58 0.00	51.24 -2.19 0.00	56.86 -2.49 0.00	62.96 -2.97 0.00	53.66 -3.12 0.00	54.19 -3.22 0.00	47.86 -3.07 0.00	45.01 -2.38 0.00	35.52 -1.49 0.00	35.17 -1.12 0.00
N.BELMOR_69_KV_BK1 55787	39.47 2.23 0.00	42.14 2.18 0.00	47.75 2.18 0.00	44.30 2.09 0.00	45.63 2.15 0.00	45.13 2.40 0.00	61.56 3.06 0.00	61.22 3.62 0.00	76.51 4.08 -0.17	68.49 3.51 -2.00	64.72 3.86 -1.48	73.35 4.59 0.00	65.10 4.07 0.00	70.41 4.53 0.00	62.14 4.03 0.00	61.10 3.92 -3.75	78.67 4.29 -15.03	74.26 5.96 -2.37	61.78 5.00 0.00	62.39 4.99 0.00	55.48 4.55 0.00	63.85 3.93 -12.53	39.88 2.87 0.00	38.80 2.51 0.00
N.E_GEN_SANDY PD 24062	39.24 1.54 -0.46	42.30 1.53 -0.82	47.10 1.52 0.00	43.90 1.57 -0.11	45.31 1.50 -0.33	45.86 1.58 -1.55	60.47 1.96 0.00	59.78 2.17 0.00	75.05 2.77 -0.01	66.29 2.39 -0.91	63.15 2.45 -1.31	73.42 3.00 -1.67	61.95 2.46 1.55	68.85 2.97 0.00	60.49 2.37 0.00	57.55 2.40 -1.72	69.06 2.80 -6.91	71.82 3.91 -1.98	68.39 3.23 -8.39	61.58 3.09 -1.09	54.63 2.83 -0.86	57.12 2.49 -7.24	39.84 1.87 -0.96	51.99 1.79 -13.91
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.52 1.28 0.00	41.19 1.23 0.00	46.79 1.21 0.00	43.42 1.21 0.00	44.74 1.26 0.00	44.09 1.36 0.00	60.50 2.00 0.00	60.12 2.52 0.00	74.87 2.89 0.29	62.15 2.57 3.41	59.51 2.65 2.53	71.97 3.21 0.00	63.77 2.74 0.00	68.89 3.00 0.00	60.72 2.61 0.00	49.70 2.53 6.26	37.15 2.90 25.10	66.22 4.24 3.95	60.18 3.40 0.00	60.57 3.16 0.00	53.88 2.94 0.00	28.76 2.55 21.18	38.83 1.82 0.00	37.94 1.65 0.00
N.QUEENS_27_KV_LOAD 356247	39.15 1.92 0.00	41.86 1.91 0.00	47.54 1.96 0.00	44.08 1.87 0.00	45.33 1.85 0.00	44.73 2.01 0.00	61.33 2.83 0.00	61.09 3.49 0.00	76.59 4.15 -0.17	68.62 3.63 -2.00	64.60 3.74 -1.48	73.20 4.45 0.00	64.88 3.85 0.00	70.22 4.34 0.00	61.84 3.73 0.00	60.77 3.59 -3.75	78.46 4.05 -15.05	73.94 5.63 -2.37	61.31 4.54 0.00	61.69 4.29 0.00	54.90 3.97 0.00	63.44 3.50 -12.55	39.58 2.57 0.00	38.59 2.30 0.00
N.TROY___115KV_TB1 355778	38.82 1.59 0.00	41.62 1.66 0.00	47.28 1.70 0.00	43.94 1.73 0.00	45.14 1.66 0.00	44.37 1.65 0.00	60.55 2.04 0.00	59.69 2.09 0.00	75.00 2.69 -0.04	65.71 2.26 -0.45	61.99 2.27 -0.34	71.46 2.71 0.00	63.29 2.26 0.00	68.79 2.91 0.00	60.44 2.33 0.00	56.61 2.32 -0.86	65.50 2.70 -3.44	70.08 3.61 -0.54	59.79 3.02 0.00	60.34 2.94 0.00	53.56 2.63 0.00	52.57 2.32 -2.86	38.78 1.77 0.00	38.04 1.75 0.00
NARROWS_GT1_1 24228	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NARROWS_GT1_2 24229	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NARROWS_GT1_3 24230	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NARROWS_GT1_4 24231	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00

NARROWS_GT1_5 24232	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NARROWS_GT1_6 24233	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NARROWS_GT1_7 24234	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NARROWS_GT1_8 24235	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NARROWS_GT2_1 24236	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NARROWS_GT2_2 24237	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NARROWS_GT2_3 24238	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NARROWS_GT2_4 24239	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NARROWS_GT2_5 24240	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NARROWS_GT2_6 24241	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NARROWS_GT2_7 24242	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NARROWS_GT2_8 24243	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.05 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.61 3.74 -1.48	73.25 4.50 0.00	64.90 3.88 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.70 -3.75	78.59 4.19 -15.05	74.01 5.70 -2.37	61.41 4.63 0.00	61.79 4.39 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.71 2.41 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.21 1.98 0.00	42.08 2.12 0.00	47.90 2.32 0.00	44.49 2.28 0.00	45.76 2.28 0.00	44.94 2.21 0.00	61.25 2.75 0.00	60.56 2.95 0.00	76.09 3.80 -0.02	66.40 3.15 -0.26	62.56 2.98 -0.19	72.30 3.55 0.00	64.20 3.17 0.00	69.57 3.69 0.00	61.23 3.11 0.00	56.91 3.05 -0.43	64.66 3.66 -1.65	70.81 4.62 -0.26	60.59 3.81 0.00	61.05 3.64 0.00	54.11 3.18 0.00	51.80 2.81 -1.60	39.21 2.20 0.00	38.39 2.10 0.00
NCHELSEA_115KV_TR2 355582	39.12 1.88 0.00	41.79 1.84 0.00	47.47 1.89 0.00	44.04 1.83 0.00	45.37 1.89 0.00	44.72 2.00 0.00	61.42 2.92 0.00	61.05 3.45 0.00	76.44 4.18 0.00	66.67 3.68 0.00	63.05 3.67 0.00	73.04 4.28 0.00	64.55 3.52 0.00	69.59 3.71 0.00	61.30 3.19 0.00	56.53 3.09 0.00	62.99 3.63 0.00	71.06 5.12 0.00	61.01 4.23 0.00	61.31 3.90 0.00	54.77 3.83 0.00	50.83 3.44 0.00	39.48 2.47 0.00	38.52 2.23 0.00
NEG CAPITAL___MECHNVIL 23645	39.48 2.25 0.00	42.34 2.38 0.00	48.12 2.55 0.00	44.66 2.45 0.00	45.94 2.45 0.00	45.15 2.42 0.00	61.84 3.34 0.00	61.02 3.41 0.00	76.61 4.30 -0.04	67.06 3.63 -0.44	63.34 3.63 -0.33	73.02 4.27 0.00	64.70 3.67 0.00	70.62 4.73 0.00	62.09 3.97 0.00	58.10 3.84 -0.83	67.16 4.49 -3.32	72.09 5.64 -0.52	61.52 4.74 0.00	62.07 4.67 0.00	55.01 4.07 0.00	53.75 3.60 -2.76	39.70 2.70 0.00	38.91 2.62 0.00

NEG CENTRAL_HIGH_ACRES 23767	35.15 -2.09 0.00	37.59 -2.37 0.00	43.03 -2.55 0.00	39.78 -2.43 0.00	41.12 -2.36 0.00	40.48 -2.25 0.00	55.60 -2.91 0.00	54.19 -3.02 0.40	60.56 -3.27 8.43	59.75 -3.24 0.00	56.34 -3.05 0.00	65.07 -3.68 0.00	57.79 -3.24 0.00	62.44 -3.44 0.00	55.30 -2.81 0.00	50.91 -2.52 0.00	56.58 -2.78 0.00	62.91 -3.02 0.00	53.80 -2.98 0.00	54.32 -3.08 0.00	48.05 -2.89 0.00	44.86 -2.53 0.00	35.15 -1.86 0.00	34.59 -1.70 0.00
NEG CENTRAL___DRP 24199	36.46 -0.78 0.00	39.09 -0.87 0.00	44.70 -0.87 0.00	41.32 -0.89 0.00	42.82 -0.66 0.00	41.97 -0.76 0.00	57.79 -0.71 0.00	57.12 -0.49 0.00	71.56 -0.71 0.00	62.18 -0.81 0.00	58.48 -0.90 0.00	67.61 -1.14 0.00	59.93 -1.09 0.00	64.81 -1.07 0.00	57.50 -0.62 0.00	52.71 -0.72 0.00	58.68 -0.67 0.00	65.46 -0.47 0.00	56.03 -0.75 0.00	56.52 -0.89 0.00	49.99 -0.95 0.00	46.50 -0.90 0.00	36.44 -0.57 0.00	35.76 -0.53 0.00
NEG CENTRAL___INDECK 23768	36.55 -0.68 0.00	39.25 -0.71 0.00	45.09 -0.49 0.00	41.67 -0.54 0.00	43.23 -0.25 0.00	42.53 -0.19 0.00	58.71 0.20 0.00	57.85 0.25 0.00	73.22 0.94 0.00	63.11 0.12 0.00	59.25 -0.14 0.00	68.14 -0.61 0.00	60.64 -0.39 0.00	65.30 -0.58 0.00	57.62 -0.49 0.00	53.16 -0.27 0.00	59.26 -0.09 0.00	66.08 0.15 0.00	56.27 -0.51 0.00	56.58 -0.83 0.00	49.78 -1.16 0.00	46.55 -0.84 0.00	36.50 -0.50 0.00	35.92 -0.37 0.00
NEG CENTRAL___SENECA 23627	36.37 -0.87 0.00	39.04 -0.92 0.00	44.71 -0.87 0.00	41.24 -0.97 0.00	42.82 -0.66 0.00	41.91 -0.82 0.00	57.77 -0.73 0.00	57.15 -0.46 0.00	71.56 -0.71 0.00	62.19 -0.80 0.00	58.46 -0.93 0.00	67.52 -1.24 0.00	59.94 -1.09 0.00	64.74 -1.14 0.00	57.45 -0.66 0.00	52.63 -0.80 0.00	58.63 -0.72 0.00	65.39 -0.54 0.00	55.84 -0.94 0.00	56.28 -1.13 0.00	49.74 -1.19 0.00	46.34 -1.05 0.00	36.36 -0.65 0.00	35.68 -0.61 0.00
NEG CENTRAL___STATE_STREET 24147	36.90 -0.34 0.00	39.43 -0.53 0.00	45.02 -0.56 0.00	41.75 -0.46 0.00	43.24 -0.24 0.00	42.40 -0.32 0.00	58.24 -0.27 0.00	57.51 -0.09 0.00	72.11 -0.15 0.00	62.53 -0.45 0.00	59.01 -0.38 0.00	68.25 -0.50 0.00	60.36 -0.67 0.00	65.25 -0.63 0.00	58.06 -0.05 0.00	53.13 -0.30 0.00	59.12 -0.24 0.00	65.96 0.03 0.00	56.71 -0.07 0.00	57.29 -0.11 0.00	50.73 -0.20 0.00	47.05 -0.34 0.00	36.85 -0.16 0.00	36.16 -0.13 0.00
NEG MILLWOOD___DRP 24198	39.23 1.99 0.00	41.92 1.96 0.00	47.59 2.01 0.00	44.14 1.93 0.00	45.48 2.00 0.00	44.85 2.13 0.00	61.58 3.08 0.00	61.24 3.63 0.00	76.77 4.42 -0.08	67.79 3.89 -0.91	63.96 3.90 -0.67	73.39 4.64 0.00	64.95 3.93 0.00	70.18 4.30 0.00	61.85 3.74 0.00	58.75 3.61 -1.71	70.38 4.17 -6.86	72.70 5.69 -1.08	61.46 4.69 0.00	61.82 4.42 0.00	55.05 4.12 0.00	56.70 3.66 -5.65	39.64 2.63 0.00	38.65 2.36 0.00
NEG NORTH_FLCN_SEA 23793	37.65 0.41 0.00	40.41 0.45 0.00	46.17 0.60 0.00	42.71 0.50 0.00	43.70 0.21 0.00	43.43 0.71 0.00	59.79 1.28 0.00	58.66 1.05 0.00	73.89 1.62 0.00	64.04 1.05 0.00	60.45 1.07 0.00	70.24 1.48 0.00	62.52 1.49 0.00	67.41 1.53 0.00	59.19 1.07 0.00	54.18 0.74 0.00	60.16 0.80 0.00	66.15 0.22 0.00	56.24 -0.54 0.00	56.89 -0.52 0.00	50.13 -0.81 0.00	46.50 -0.89 0.00	36.19 -0.82 0.00	35.56 -0.73 0.00
NEG NORTH_KES_CHATEGAY 23792	37.61 0.38 0.00	40.37 0.42 0.00	46.15 0.57 0.00	42.60 0.39 0.00	43.61 0.13 0.00	43.37 0.65 0.00	59.54 1.03 0.00	58.27 0.66 0.00	73.33 1.06 0.00	63.63 0.63 0.00	59.98 0.59 0.00	69.72 0.96 0.00	62.14 1.12 0.00	66.87 0.99 0.00	58.71 0.60 0.00	53.68 0.25 0.00	59.66 0.30 0.00	65.48 -0.45 0.00	55.84 -0.94 0.00	56.62 -0.79 0.00	49.95 -0.99 0.00	46.33 -1.07 0.00	36.06 -0.94 0.00	35.46 -0.83 0.00
NEG NORTH___ALICE_FALLS 23915	37.96 0.72 0.00	40.72 0.76 0.00	46.52 0.94 0.00	43.03 0.81 0.00	44.02 0.54 0.00	43.78 1.05 0.00	60.26 1.76 0.00	59.12 1.52 0.00	74.43 2.16 0.00	64.49 1.50 0.00	60.87 1.48 0.00	70.69 1.94 0.00	62.94 1.92 0.00	67.84 1.96 0.00	59.56 1.44 0.00	54.54 1.11 0.00	60.63 1.28 0.00	66.69 0.76 0.00	56.72 -0.06 0.00	57.39 -0.01 0.00	50.56 -0.37 0.00	46.87 -0.52 0.00	36.46 -0.55 0.00	35.81 -0.48 0.00
NEG NORTH___LWR_SARANAC 23913	37.96 0.72 0.00	40.72 0.76 0.00	46.52 0.94 0.00	43.03 0.81 0.00	44.02 0.54 0.00	43.78 1.05 0.00	60.26 1.76 0.00	59.12 1.52 0.00	74.43 2.16 0.00	64.49 1.50 0.00	60.87 1.48 0.00	70.69 1.94 0.00	62.94 1.92 0.00	67.84 1.96 0.00	59.56 1.44 0.00	54.54 1.11 0.00	60.63 1.28 0.00	66.69 0.76 0.00	56.72 -0.06 0.00	57.39 -0.01 0.00	50.56 -0.37 0.00	46.87 -0.52 0.00	36.46 -0.55 0.00	35.81 -0.48 0.00
NEG NORTH___PLATTSBURG 23628	37.96 0.72 0.00	40.72 0.76 0.00	46.52 0.94 0.00	43.03 0.81 0.00	44.02 0.54 0.00	43.77 1.05 0.00	60.26 1.76 0.00	59.12 1.52 0.00	74.43 2.16 0.00	64.49 1.50 0.00	60.87 1.48 0.00	70.69 1.94 0.00	62.94 1.92 0.00	67.84 1.96 0.00	59.56 1.44 0.00	54.54 1.11 0.00	60.63 1.28 0.00	66.69 0.76 0.00	56.72 -0.06 0.00	57.39 -0.01 0.00	50.56 -0.37 0.00	46.87 -0.52 0.00	36.46 -0.55 0.00	35.81 -0.48 0.00
NEG WEST_LEA_LOCKPORT 23791	34.90 -2.34 0.00	37.27 -2.69 0.00	42.83 -2.75 0.00	39.48 -2.73 0.00	40.86 -2.62 0.00	40.20 -2.52 0.00	54.92 -3.59 0.00	53.49 -4.12 0.00	68.27 -4.00 0.00	58.75 -4.24 0.00	55.50 -3.89 0.00	63.99 -4.76 0.00	56.75 -4.28 0.00	61.25 -4.63 0.00	54.36 -3.75 0.00	50.16 -3.27 0.00	55.62 -3.73 0.00	61.53 -4.40 0.00	52.41 -4.37 0.00	52.95 -4.46 0.00	46.78 -4.15 0.00	44.09 -3.30 0.00	34.88 -2.12 0.00	34.60 -1.69 0.00
NEG WEST___LANCASTER 23811	36.67 -0.57 0.00	39.21 -0.74 0.00	45.08 -0.50 0.00	41.56 -0.65 0.00	43.10 -0.38 0.00	42.20 -0.52 0.00	57.84 -0.66 0.00	56.54 -1.07 0.00	71.87 -0.40 0.00	62.04 -0.95 0.00	58.75 -0.64 0.00	67.87 -0.88 0.00	60.25 -0.77 0.00	64.80 -1.07 0.00	57.55 -0.57 0.00	52.84 -0.59 0.00	58.47 -0.88 0.00	65.13 -0.80 0.00	55.49 -1.29 0.00	56.00 -1.41 0.00	49.40 -1.53 0.00	46.54 -0.85 0.00	36.79 -0.22 0.00	36.37 0.08 0.00
NEG_PENN_ALLEGHNY 23528	36.91 -0.33 0.00	39.69 -0.26 0.00	45.41 -0.17 0.00	41.82 -0.39 0.00	43.33 -0.15 0.00	42.26 -0.46 0.00	58.36 -0.14 0.00	58.01 0.14 -0.26	77.52 -0.18 -5.43	62.59 -0.17 0.23	59.11 -0.11 0.17	68.63 -0.12 0.00	60.87 -0.16 0.00	65.56 -0.32 0.00	58.11 -0.01 0.00	52.79 -0.22 0.43	57.47 -0.15 1.74	65.94 0.27 0.27	56.73 -0.06 0.00	57.23 -0.17 0.00	50.63 -0.30 0.00	45.96 -0.24 1.19	36.78 -0.23 0.00	36.05 -0.24 0.00
NEG___GEN_MONROE 24207	35.81 -1.43 0.00	38.26 -1.70 0.00	43.83 -1.75 0.00	40.48 -1.73 0.00	41.84 -1.64 0.00	41.22 -1.50 0.00	56.53 -1.97 0.00	55.44 -2.17 0.00	70.25 -2.02 0.00	60.88 -2.11 0.00	57.28 -2.10 0.00	66.05 -2.70 0.00	58.65 -2.38 0.00	63.41 -2.46 0.00	56.19 -1.93 0.00	51.76 -1.67 0.00	57.55 -1.80 0.00	63.92 -2.01 0.00	54.63 -2.14 0.00	55.15 -2.25 0.00	48.74 -2.19 0.00	45.60 -1.79 0.00	35.80 -1.20 0.00	35.28 -1.01 0.00

NEPA___ENERGY 23901	35.19 -2.04 0.00	37.70 -2.26 0.00	43.36 -2.22 0.00	40.01 -2.21 0.00	41.51 -1.98 0.00	40.99 -1.73 0.00	56.41 -2.09 0.00	55.22 -2.38 0.00	70.18 -2.09 0.00	60.31 -2.68 0.00	57.01 -2.38 0.00	65.82 -2.93 0.00	58.29 -2.74 0.00	62.90 -2.98 0.00	55.98 -2.14 0.00	51.50 -1.93 0.00	57.07 -2.28 0.00	63.32 -2.61 0.00	53.84 -2.94 0.00	54.54 -2.87 0.00	48.19 -2.74 0.00	45.40 -2.00 0.00	35.93 -1.08 0.00	35.55 -0.74 0.00
NEVERSink___HYD 23608	39.32 2.08 0.00	42.04 2.08 0.00	47.79 2.21 0.00	44.33 2.12 0.00	45.71 2.23 0.00	45.05 2.33 0.00	62.00 3.49 0.00	61.60 3.99 0.00	77.17 4.98 0.07	66.47 4.36 0.87	63.02 4.28 0.65	73.75 5.00 0.00	65.35 4.32 0.00	70.50 4.62 0.00	62.19 4.08 0.00	55.47 3.85 1.81	56.42 4.55 7.48	70.75 5.99 1.17	61.70 4.92 0.00	62.02 4.61 0.00	55.11 4.18 0.00	45.03 3.68 6.05	39.65 2.64 0.00	38.68 2.39 0.00
NEWKRMKL_115KV_TB1 55635	38.17 0.93 0.00	40.97 1.02 0.00	46.59 1.01 0.00	43.30 1.09 0.00	44.50 1.02 0.00	43.66 0.94 0.00	59.28 0.78 0.00	58.52 0.92 0.00	73.48 1.18 -0.04	64.40 0.98 -0.43	60.73 1.02 -0.32	70.04 1.29 0.00	62.09 1.06 0.00	67.29 1.41 0.00	59.19 1.08 0.00	55.37 1.13 -0.81	63.99 1.38 -3.26	68.52 2.07 -0.51	58.46 1.68 0.00	58.97 1.57 0.00	52.35 1.41 0.00	51.39 1.28 -2.72	38.14 1.13 0.00	37.38 1.09 0.00
NEWTON___FALLS_HYD 23847	36.67 -0.57 0.00	39.66 -0.30 0.00	45.40 -0.18 0.00	42.07 -0.14 0.00	43.02 -0.46 0.00	42.55 -0.17 0.00	58.22 -0.29 0.00	57.21 -0.39 0.00	71.46 -0.80 0.00	62.25 -0.74 0.00	58.49 -0.90 0.00	67.58 -1.17 0.00	59.83 -1.20 0.00	63.46 -2.42 0.00	55.01 -3.10 0.00	50.75 -2.68 0.00	56.56 -2.79 0.00	62.21 -3.72 0.00	53.05 -3.73 0.00	53.48 -3.92 0.00	47.21 -3.72 0.00	43.62 -3.78 0.00	34.19 -2.81 0.00	34.03 -2.26 0.00
NGRID_A1_DSASP 323792	34.28 -2.96 0.00	36.60 -3.36 0.00	42.06 -3.52 0.00	38.77 -3.44 0.00	40.08 -3.40 0.00	39.45 -3.28 0.00	53.55 -4.95 0.00	50.80 -5.69 1.11	42.96 -6.00 23.31	57.07 -5.92 0.00	53.89 -5.50 0.00	62.21 -6.54 0.00	55.19 -5.84 0.00	59.41 -6.47 0.00	52.73 -5.39 0.00	48.70 -4.73 0.00	54.01 -5.34 0.00	59.62 -6.31 0.00	50.78 -6.00 0.00	51.36 -6.04 0.00	45.42 -5.51 0.00	42.84 -4.55 0.00	33.96 -3.04 0.00	33.78 -2.52 0.00
NGRID_A2_DSASP 323793	34.28 -2.96 0.00	36.60 -3.36 0.00	42.06 -3.52 0.00	38.77 -3.44 0.00	40.08 -3.40 0.00	39.45 -3.28 0.00	53.55 -4.95 0.00	50.80 -5.69 1.11	42.96 -6.00 23.31	57.07 -5.92 0.00	53.89 -5.50 0.00	62.21 -6.54 0.00	55.19 -5.84 0.00	59.41 -6.47 0.00	52.73 -5.39 0.00	48.70 -4.73 0.00	54.01 -5.34 0.00	59.62 -6.31 0.00	50.78 -6.00 0.00	51.36 -6.04 0.00	45.42 -5.51 0.00	42.84 -4.55 0.00	33.96 -3.04 0.00	33.78 -2.52 0.00
NGRID_A4_DSASP 323807	34.28 -2.96 0.00	36.60 -3.36 0.00	42.06 -3.52 0.00	38.77 -3.44 0.00	40.08 -3.40 0.00	39.45 -3.28 0.00	53.55 -4.95 0.00	50.80 -5.69 1.11	42.96 -6.00 23.31	57.07 -5.92 0.00	53.89 -5.50 0.00	62.21 -6.54 0.00	55.19 -5.84 0.00	59.41 -6.47 0.00	52.73 -5.39 0.00	48.70 -4.73 0.00	54.01 -5.34 0.00	59.62 -6.31 0.00	50.78 -6.00 0.00	51.36 -6.04 0.00	45.42 -5.51 0.00	42.84 -4.55 0.00	33.96 -3.04 0.00	33.78 -2.52 0.00
NIAGARA_115E_LBMP 323715	34.16 -3.08 0.00	36.49 -3.47 0.00	41.94 -3.64 0.00	38.68 -3.54 0.00	39.99 -3.49 0.00	39.34 -3.39 0.00	53.62 -4.88 0.00	51.01 -5.50 1.10	43.37 -5.71 23.19	57.26 -5.73 0.00	54.08 -5.31 0.00	62.40 -6.36 0.00	55.35 -5.67 0.00	59.62 -6.26 0.00	52.94 -5.17 0.00	48.91 -4.52 0.00	54.24 -5.11 0.00	59.88 -6.05 0.00	51.01 -5.77 0.00	51.56 -5.85 0.00	45.59 -5.34 0.00	43.02 -4.38 0.00	34.07 -2.93 0.00	33.89 -2.40 0.00
NIAGARA_115W_LBMP 323714	34.23 -3.01 0.00	36.54 -3.41 0.00	42.00 -3.58 0.00	38.72 -3.50 0.00	40.02 -3.46 0.00	39.38 -3.34 0.00	53.43 -5.07 0.00	50.69 -5.81 1.11	42.80 -6.15 23.31	56.93 -6.06 0.00	53.77 -5.62 0.00	62.07 -6.68 0.00	55.06 -5.97 0.00	59.28 -6.60 0.00	52.61 -5.50 0.00	48.59 -4.85 0.00	53.89 -5.46 0.00	59.49 -6.44 0.00	50.66 -6.12 0.00	51.24 -6.16 0.00	45.31 -5.62 0.00	42.74 -4.65 0.00	33.90 -3.11 0.00	33.71 -2.59 0.00
NIAGARA_230_LBMP 323716	34.35 -2.89 0.00	36.68 -3.28 0.00	42.16 -3.42 0.00	38.86 -3.35 0.00	40.19 -3.29 0.00	39.52 -3.20 0.00	53.86 -4.64 0.00	51.29 -5.20 1.11	43.50 -5.41 23.36	57.57 -5.42 0.00	54.38 -5.00 0.00	62.77 -5.98 0.00	55.74 -5.28 0.00	60.03 -5.85 0.00	53.26 -4.86 0.00	49.14 -4.29 0.00	54.49 -4.86 0.00	60.26 -5.67 0.00	51.33 -5.44 0.00	51.90 -5.50 0.00	45.89 -5.04 0.00	43.25 -4.14 0.00	34.24 -2.77 0.00	34.00 -2.29 0.00
NIAGARA___115KV_198_GIBSON 55903	34.22 -3.01 0.00	36.54 -3.42 0.00	42.00 -3.58 0.00	38.72 -3.50 0.00	40.02 -3.46 0.00	39.38 -3.34 0.00	53.43 -5.07 0.00	51.79 -5.82 0.00	66.07 -6.20 0.00	56.91 -6.09 0.00	53.77 -5.62 0.00	62.08 -6.68 0.00	55.04 -5.98 0.00	59.28 -6.60 0.00	52.61 -5.50 0.00	48.60 -4.84 0.00	53.87 -5.48 0.00	59.48 -6.45 0.00	50.67 -6.11 0.00	51.24 -6.16 0.00	45.32 -5.62 0.00	42.74 -4.65 0.00	33.91 -3.10 0.00	33.71 -2.58 0.00
NIAGARA___ 23760	34.35 -2.89 0.00	36.68 -3.28 0.00	42.16 -3.42 0.00	38.86 -3.35 0.00	40.19 -3.29 0.00	39.52 -3.20 0.00	53.86 -4.64 0.00	51.29 -5.20 1.11	43.55 -5.41 23.31	57.57 -5.42 0.00	54.38 -5.00 0.00	62.77 -5.98 0.00	55.74 -5.28 0.00	60.03 -5.85 0.00	53.26 -4.86 0.00	49.14 -4.29 0.00	54.49 -4.86 0.00	60.26 -5.67 0.00	51.33 -5.44 0.00	51.90 -5.50 0.00	45.89 -5.04 0.00	43.25 -4.14 0.00	34.24 -2.77 0.00	34.00 -2.29 0.00
NINE_MILE_1 23575	35.68 -1.55 0.00	38.28 -1.68 0.00	43.69 -1.90 0.00	40.43 -1.78 0.00	41.70 -1.78 0.00	40.96 -1.76 0.00	56.20 -2.31 0.00	55.38 -2.23 0.00	69.50 -2.77 0.00	60.51 -2.48 0.00	57.03 -2.36 0.00	65.99 -2.77 0.00	58.56 -2.47 0.00	63.21 -2.67 0.00	55.88 -2.23 0.00	51.40 -2.03 0.00	57.12 -2.23 0.00	63.57 -2.36 0.00	54.61 -2.17 0.00	55.17 -2.23 0.00	48.91 -2.02 0.00	45.51 -1.89 0.00	35.55 -1.46 0.00	34.88 -1.41 0.00
NINE_MILE_2 23744	35.69 -1.55 0.00	38.28 -1.68 0.00	43.69 -1.90 0.00	40.43 -1.78 0.00	41.71 -1.77 0.00	40.96 -1.76 0.00	56.20 -2.31 0.00	55.38 -2.23 0.00	69.50 -2.77 0.00	60.52 -2.47 0.00	57.03 -2.36 0.00	65.99 -2.77 0.00	58.56 -2.46 0.00	63.21 -2.67 0.00	55.88 -2.23 0.00	51.41 -2.03 0.00	57.12 -2.23 0.00	63.57 -2.36 0.00	54.61 -2.17 0.00	55.17 -2.23 0.00	48.91 -2.02 0.00	45.52 -1.88 0.00	35.55 -1.46 0.00	34.88 -1.41 0.00
NM_CAPITAL___DRP 24208	38.22 0.98 0.00	41.03 1.07 0.00	46.64 1.06 0.00	43.38 1.16 0.00	44.55 1.07 0.00	43.74 1.02 0.00	59.40 0.90 0.00	58.62 1.02 0.00	73.61 1.30 -0.04	64.53 1.10 -0.44	60.86 1.14 -0.33	70.18 1.43 0.00	62.20 1.17 0.00	67.41 1.53 0.00	59.28 1.17 0.00	55.48 1.22 -0.83	64.14 1.46 -3.33	68.65 2.19 -0.53	58.57 1.79 0.00	59.09 1.69 0.00	52.46 1.53 0.00	51.56 1.39 -2.77	38.19 1.18 0.00	37.45 1.15 0.00

NM_CENTRAL___DRP 24181	36.34 -0.89 0.00	38.99 -0.97 0.00	44.51 -1.07 0.00	41.17 -1.05 0.00	42.53 -0.96 0.00	41.75 -0.97 0.00	57.41 -1.09 0.00	56.64 -0.96 0.00	71.07 -1.20 0.00	61.86 -1.13 0.00	58.30 -1.09 0.00	67.44 -1.31 0.00	59.85 -1.18 0.00	64.60 -1.27 0.00	57.15 -0.97 0.00	52.57 -0.86 0.00	58.44 -0.91 0.00	65.09 -0.84 0.00	55.86 -0.92 0.00	56.41 -1.00 0.00	49.95 -0.98 0.00	46.50 -0.90 0.00	36.30 -0.71 0.00	35.59 -0.70 0.00
NM_FRONTIER___DRP 24179	34.22 -3.01 0.00	36.54 -3.42 0.00	42.00 -3.58 0.00	38.72 -3.50 0.00	40.02 -3.46 0.00	39.38 -3.34 0.00	53.43 -5.07 0.00	51.79 -5.82 0.00	66.07 -6.20 0.00	56.91 -6.09 0.00	53.77 -5.62 0.00	62.08 -6.68 0.00	55.04 -5.98 0.00	59.28 -6.60 0.00	52.61 -5.50 0.00	48.60 -4.84 0.00	53.87 -5.48 0.00	59.48 -6.45 0.00	50.67 -6.11 0.00	51.24 -6.16 0.00	45.32 -5.62 0.00	42.74 -4.65 0.00	33.91 -3.10 0.00	33.71 -2.58 0.00
NM_ST_REGIS___HYD 24053	37.52 0.28 0.00	40.42 0.46 0.00	46.23 0.65 0.00	42.73 0.52 0.00	43.43 -0.05 0.00	43.10 0.37 0.00	58.60 0.10 0.00	57.49 -0.12 0.00	72.09 -0.18 0.00	62.59 -0.40 0.00	59.46 0.07 0.00	68.40 -0.36 0.00	60.71 -0.32 0.00	64.31 -1.57 0.00	55.37 -2.74 0.00	51.12 -2.31 0.00	57.22 -2.13 0.00	62.95 -2.98 0.00	53.65 -3.13 0.00	54.20 -3.21 0.00	47.73 -3.20 0.00	44.06 -3.33 0.00	34.60 -2.41 0.00	34.64 -1.65 0.00
NORTHPORT___1 23551	39.66 2.43 0.00	42.33 2.37 0.00	47.95 2.37 0.00	44.50 2.29 0.00	45.83 2.35 0.00	45.35 2.63 0.00	61.85 3.35 0.00	61.55 3.94 0.00	76.68 4.24 -0.17	68.50 3.52 -2.00	64.90 4.04 -1.48	73.60 4.85 0.00	65.37 4.35 0.00	70.64 4.76 0.00	62.44 4.33 0.00	61.36 4.18 -3.75	78.73 4.35 -15.03	74.27 5.97 -2.37	61.93 5.15 0.00	62.70 5.30 0.00	55.67 4.73 0.00	63.90 3.98 -12.53	39.87 2.86 0.00	38.82 2.53 0.00
NORTHPORT___2 23552	39.66 2.43 0.00	42.33 2.37 0.00	47.95 2.37 0.00	44.50 2.29 0.00	45.83 2.35 0.00	45.35 2.63 0.00	61.85 3.35 0.00	61.55 3.94 0.00	76.68 4.24 -0.17	68.50 3.52 -2.00	64.90 4.04 -1.48	73.60 4.85 0.00	65.37 4.35 0.00	70.64 4.76 0.00	62.44 4.33 0.00	61.36 4.18 -3.75	78.73 4.35 -15.03	74.27 5.97 -2.37	61.93 5.15 0.00	62.70 5.30 0.00	55.67 4.73 0.00	63.90 3.98 -12.53	39.87 2.86 0.00	38.82 2.53 0.00
NORTHPORT___3 23553	39.46 2.22 0.00	42.14 2.18 0.00	47.73 2.15 0.00	44.30 2.08 0.00	45.61 2.13 0.00	45.14 2.41 0.00	61.63 3.12 0.00	61.33 3.73 0.00	76.55 4.11 -0.17	68.42 3.43 -2.00	64.74 3.87 -1.48	73.40 4.65 0.00	65.19 4.16 0.00	70.49 4.61 0.00	62.27 4.15 0.00	61.19 4.01 -3.75	78.67 4.29 -15.03	74.21 5.91 -2.37	61.81 5.03 0.00	62.49 5.09 0.00	55.46 4.53 0.00	63.77 3.85 -12.53	39.77 2.76 0.00	38.73 2.43 0.00
NORTHPORT___4 23650	39.46 2.22 0.00	42.14 2.18 0.00	47.73 2.15 0.00	44.30 2.08 0.00	45.61 2.13 0.00	45.14 2.41 0.00	61.63 3.12 0.00	61.33 3.73 0.00	76.55 4.11 -0.17	68.42 3.43 -2.00	64.74 3.87 -1.48	73.40 4.65 0.00	65.19 4.16 0.00	70.49 4.61 0.00	62.27 4.15 0.00	61.19 4.01 -3.75	78.67 4.29 -15.03	74.21 5.91 -2.37	61.81 5.03 0.00	62.49 5.09 0.00	55.46 4.53 0.00	63.77 3.85 -12.53	39.77 2.76 0.00	38.73 2.43 0.00
NORTHPORT___IC 23718	39.66 2.42 0.00	42.32 2.37 0.00	47.95 2.37 0.00	44.49 2.27 0.00	45.83 2.35 0.00	45.35 2.63 0.00	61.85 3.35 0.00	61.55 3.94 0.00	76.69 4.25 -0.17	68.50 3.52 -2.00	64.90 4.04 -1.48	73.61 4.85 0.00	65.37 4.35 0.00	70.64 4.76 0.00	62.44 4.33 0.00	61.36 4.18 -3.75	78.72 4.34 -15.03	74.28 5.98 -2.37	61.93 5.16 0.00	62.70 5.30 0.00	55.67 4.73 0.00	63.90 3.98 -12.53	39.87 2.86 0.00	38.82 2.54 0.00
NORTH___COUNTRY_ESR 323785	37.50 0.26 0.00	40.24 0.28 0.00	46.02 0.44 0.00	42.47 0.26 0.00	43.48 0.00 0.00	43.26 0.53 0.00	59.36 0.86 0.00	58.07 0.46 0.00	73.12 0.85 0.00	63.44 0.46 0.00	59.86 0.48 0.00	69.56 0.81 0.00	62.05 1.02 0.00	66.75 0.87 0.00	58.58 0.46 0.00	53.56 0.13 0.00	59.47 0.12 0.00	65.21 -0.72 0.00	55.63 -1.15 0.00	56.40 -1.00 0.00	49.76 -1.18 0.00	46.14 -1.25 0.00	35.93 -1.07 0.00	35.33 -0.96 0.00
NPX_GEN_1385_PROXY 323591	40.74 3.50 0.00	43.48 3.52 0.00	49.27 3.69 0.00	45.72 3.50 0.00	47.10 3.62 0.00	46.58 3.85 0.00	63.29 4.78 0.00	63.00 5.40 0.00	78.76 6.32 -0.17	69.88 4.90 -2.00	65.64 4.77 -1.48	74.36 5.61 0.00	65.95 4.92 0.00	71.48 5.60 0.00	63.26 5.14 0.00	62.59 5.41 -3.75	79.53 5.15 -15.03	75.16 6.86 -2.37	62.92 6.14 0.00	64.22 6.82 0.00	56.81 5.88 0.00	64.66 4.75 -12.53	40.23 3.23 0.00	39.46 3.17 0.00
NPX_GEN_CSC 323557	39.96 2.72 0.00	42.66 2.70 0.00	48.27 2.70 0.00	44.81 2.60 0.00	46.15 2.67 0.00	45.75 3.03 0.00	62.31 3.81 0.00	62.03 4.42 0.00	77.34 4.90 -0.17	69.13 4.14 -2.00	65.62 4.75 -1.48	74.52 5.77 0.00	66.34 5.31 0.00	71.73 5.85 0.00	63.36 5.25 0.00	62.25 5.07 -3.75	79.88 5.50 -15.03	75.53 7.23 -2.37	62.98 6.20 0.00	63.77 6.36 0.00	56.47 5.53 0.00	64.50 4.58 -12.53	40.27 3.26 0.00	39.02 2.73 0.00
NSINS_S___GLNS_FALLS 23858	39.49 2.26 0.00	42.33 2.37 0.00	48.11 2.53 0.00	44.63 2.42 0.00	45.87 2.39 0.00	45.07 2.34 0.00	61.81 3.31 0.00	61.01 3.41 0.00	76.64 4.33 -0.04	67.04 3.63 -0.42	63.38 3.68 -0.31	73.09 4.33 0.00	64.86 3.83 0.00	71.60 5.72 0.00	62.89 4.78 0.00	58.87 4.64 -0.80	67.97 5.43 -3.19	73.16 6.73 -0.51	62.49 5.71 0.00	63.11 5.70 0.00	55.87 4.93 0.00	54.36 4.31 -2.66	40.22 3.21 0.00	39.50 3.21 0.00
NUCOR_STEEL___DRP 24197	36.88 -0.36 0.00	39.41 -0.54 0.00	44.97 -0.61 0.00	41.74 -0.47 0.00	43.21 -0.27 0.00	42.39 -0.33 0.00	58.18 -0.33 0.00	57.48 -0.13 0.00	72.05 -0.22 0.00	62.45 -0.54 0.00	58.98 -0.41 0.00	68.24 -0.51 0.00	60.31 -0.72 0.00	65.16 -0.72 0.00	58.00 -0.12 0.00	53.08 -0.35 0.00	59.05 -0.30 0.00	65.89 -0.04 0.00	56.68 -0.09 0.00	57.28 -0.12 0.00	50.74 -0.19 0.00	47.02 -0.37 0.00	36.85 -0.16 0.00	36.16 -0.13 0.00
NUMBER_THREE_WT_PWR 323818	36.41 -0.83 0.00	39.49 -0.47 0.00	45.38 -0.20 0.00	42.19 -0.03 0.00	43.51 0.03 0.00	42.94 0.22 0.00	59.32 0.81 0.00	58.33 0.72 0.00	72.73 0.46 0.00	63.50 0.51 0.00	58.93 -0.46 0.00	68.61 -0.14 0.00	60.72 -0.31 0.00	64.61 -1.27 0.00	56.77 -1.35 0.00	52.34 -1.09 0.00	57.82 -1.53 0.00	63.58 -2.35 0.00	54.28 -2.50 0.00	54.67 -2.73 0.00	48.38 -2.55 0.00	44.86 -2.54 0.00	35.00 -2.00 0.00	34.35 -1.94 0.00
NYISO_LBMP_REFERENCE 24008	37.24 0.00 0.00	39.96 0.00 0.00	45.58 0.00 0.00	42.21 0.00 0.00	43.48 0.00 0.00	42.72 0.00 0.00	58.50 0.00 0.00	57.61 0.00 0.00	72.27 0.00 0.00	62.99 0.00 0.00	59.39 0.00 0.00	68.75 0.00 0.00	61.03 0.00 0.00	65.88 0.00 0.00	58.11 0.00 0.00	53.43 0.00 0.00	59.35 0.00 0.00	65.93 0.00 0.00	56.78 0.00 0.00	57.40 0.00 0.00	50.93 0.00 0.00	47.39 0.00 0.00	37.01 0.00 0.00	36.29 0.00 0.00

NYPA_BRENTWD____GT 24164	39.92 2.68 0.00	42.59 2.63 0.00	48.23 2.66 0.00	44.77 2.55 0.00	46.12 2.63 0.00	45.66 2.94 0.00	62.37 3.87 0.00	62.09 4.48 0.00	77.39 4.96 -0.17	68.58 3.60 -2.00	65.37 4.51 -1.48	74.16 5.41 0.00	65.89 4.86 0.00	71.23 5.35 0.00	62.80 4.69 0.00	61.47 4.29 -3.75	78.99 4.61 -15.03	74.60 6.30 -2.37	62.34 5.56 0.00	63.46 6.05 0.00	56.30 5.37 0.00	64.47 4.55 -12.53	40.30 3.29 0.00	39.17 2.88 0.00
NYPA_GOWANUS____GT5 24156	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.95 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.57 3.71 -1.48	73.20 4.45 0.00	64.87 3.85 0.00	70.19 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.66 -2.37	61.39 4.61 0.00	61.76 4.36 0.00	54.98 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
NYPA_GOWANUS____GT6 24157	39.25 2.02 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.16 1.95 0.00	45.44 1.96 0.00	44.80 2.08 0.00	61.46 2.96 0.00	61.12 3.51 0.00	76.62 4.18 -0.17	68.68 3.69 -2.00	64.57 3.71 -1.48	73.20 4.45 0.00	64.87 3.85 0.00	70.19 4.30 0.00	61.87 3.75 0.00	60.85 3.67 -3.75	78.56 4.15 -15.05	73.97 5.66 -2.37	61.39 4.61 0.00	61.76 4.36 0.00	54.98 4.04 0.00	63.59 3.65 -12.55	39.65 2.64 0.00	38.69 2.40 0.00
NYPA_HARLEM__RVR__GT1 24160	39.08 1.85 0.00	41.79 1.84 0.00	47.45 1.88 0.00	44.01 1.80 0.00	45.26 1.78 0.00	44.65 1.93 0.00	61.24 2.73 0.00	60.97 3.37 0.00	76.44 4.00 -0.17	68.49 3.50 -2.00	64.46 3.60 -1.48	73.05 4.30 0.00	64.74 3.72 0.00	70.07 4.19 0.00	61.73 3.61 0.00	60.66 3.47 -3.75	78.34 3.93 -15.05	73.78 5.47 -2.37	61.21 4.43 0.00	61.60 4.20 0.00	54.82 3.89 0.00	63.37 3.43 -12.55	39.51 2.51 0.00	38.54 2.25 0.00
NYPA_HARLEM__RVR__GT2 24161	39.08 1.85 0.00	41.79 1.84 0.00	47.45 1.88 0.00	44.01 1.80 0.00	45.26 1.78 0.00	44.65 1.93 0.00	61.24 2.73 0.00	60.97 3.37 0.00	76.44 4.00 -0.17	68.49 3.50 -2.00	64.46 3.60 -1.48	73.05 4.30 0.00	64.74 3.72 0.00	70.07 4.19 0.00	61.73 3.61 0.00	60.66 3.47 -3.75	78.34 3.93 -15.05	73.78 5.47 -2.37	61.21 4.43 0.00	61.60 4.20 0.00	54.82 3.89 0.00	63.37 3.43 -12.55	39.51 2.51 0.00	38.54 2.25 0.00
NYPA_KENT____GT 24152	39.18 1.95 0.00	41.88 1.92 0.00	47.53 1.95 0.00	44.08 1.86 0.00	45.37 1.89 0.00	44.71 1.98 0.00	61.34 2.84 0.00	61.03 3.42 0.00	76.54 4.10 -0.17	68.59 3.60 -2.00	64.50 3.63 -1.48	73.13 4.38 0.00	64.78 3.76 0.00	70.09 4.21 0.00	61.78 3.67 0.00	60.76 3.57 -3.75	78.44 4.04 -15.05	73.83 5.53 -2.37	61.26 4.49 0.00	61.65 4.24 0.00	54.88 3.94 0.00	63.50 3.56 -12.55	39.59 2.58 0.00	38.62 2.33 0.00
NYPA_POUCH1____GT 24155	39.24 2.01 0.00	41.95 1.99 0.00	47.61 2.03 0.00	44.15 1.94 0.00	45.44 1.96 0.00	44.78 2.06 0.00	61.41 2.91 0.00	61.03 3.43 0.00	76.46 4.02 -0.17	68.52 3.53 -2.00	64.43 3.57 -1.48	73.06 4.30 0.00	64.73 3.70 0.00	70.03 4.15 0.00	61.73 3.61 0.00	60.75 3.56 -3.75	78.43 4.03 -15.05	73.84 5.54 -2.37	61.28 4.50 0.00	61.66 4.25 0.00	54.92 3.98 0.00	63.54 3.59 -12.55	39.61 2.61 0.00	38.67 2.38 0.00
NYPA_VERNON____GT2 24162	39.10 1.86 0.00	41.79 1.83 0.00	47.42 1.84 0.00	43.98 1.77 0.00	45.27 1.79 0.00	44.65 1.93 0.00	61.25 2.75 0.00	60.97 3.36 0.00	76.49 4.05 -0.17	68.55 3.56 -2.00	64.45 3.58 -1.48	73.07 4.32 0.00	64.74 3.71 0.00	70.03 4.15 0.00	61.73 3.61 0.00	60.70 3.52 -3.75	78.38 3.97 -15.05	73.75 5.45 -2.37	61.19 4.41 0.00	61.55 4.14 0.00	54.81 3.87 0.00	63.39 3.45 -12.55	39.50 2.50 0.00	38.54 2.25 0.00
NYPA_VERNON____GT3 24163	39.10 1.86 0.00	41.79 1.83 0.00	47.42 1.84 0.00	43.98 1.77 0.00	45.27 1.79 0.00	44.65 1.93 0.00	61.25 2.75 0.00	60.97 3.36 0.00	76.49 4.05 -0.17	68.55 3.56 -2.00	64.45 3.58 -1.48	73.07 4.32 0.00	64.74 3.71 0.00	70.03 4.15 0.00	61.73 3.61 0.00	60.70 3.52 -3.75	78.38 3.97 -15.05	73.75 5.45 -2.37	61.19 4.41 0.00	61.55 4.14 0.00	54.81 3.87 0.00	63.39 3.45 -12.55	39.50 2.50 0.00	38.54 2.25 0.00
NYPA__ASTORIA_CC1 323568	39.04 1.81 0.00	41.73 1.77 0.00	47.35 1.77 0.00	43.92 1.70 0.00	45.21 1.73 0.00	44.59 1.86 0.00	61.16 2.66 0.00	60.87 3.26 0.00	76.36 3.93 -0.17	68.43 3.44 -2.00	64.33 3.46 -1.48	72.93 4.18 0.00	64.60 3.58 0.00	69.90 4.02 0.00	61.60 3.49 0.00	60.59 3.41 -3.75	78.24 3.84 -15.05	73.59 5.29 -2.37	61.04 4.27 0.00	61.43 4.02 0.00	54.70 3.77 0.00	63.30 3.36 -12.55	39.44 2.43 0.00	38.46 2.17 0.00
NYPA__ASTORIA_CC2 323569	39.04 1.81 0.00	41.73 1.77 0.00	47.35 1.77 0.00	43.92 1.70 0.00	45.21 1.73 0.00	44.59 1.86 0.00	61.16 2.66 0.00	60.87 3.26 0.00	76.36 3.93 -0.17	68.43 3.44 -2.00	64.33 3.46 -1.48	72.93 4.18 0.00	64.60 3.57 0.00	69.90 4.02 0.00	61.60 3.49 0.00	60.59 3.41 -3.75	78.24 3.83 -15.05	73.59 5.28 -2.37	61.04 4.27 0.00	61.43 4.02 0.00	54.70 3.77 0.00	63.30 3.36 -12.55	39.44 2.43 0.00	38.46 2.16 0.00
NYPA__HOLTSVILL 23794	39.63 2.39 0.00	42.30 2.34 0.00	47.88 2.30 0.00	44.45 2.24 0.00	45.78 2.30 0.00	45.33 2.61 0.00	61.80 3.30 0.00	61.53 3.92 0.00	76.66 4.22 -0.17	68.49 3.50 -2.00	64.93 4.07 -1.48	73.68 4.93 0.00	65.57 4.54 0.00	70.89 5.01 0.00	62.59 4.48 0.00	61.51 4.33 -3.75	79.00 4.62 -15.03	74.61 6.31 -2.37	62.23 5.45 0.00	62.97 5.57 0.00	55.85 4.92 0.00	64.02 4.10 -12.53	39.98 2.97 0.00	38.84 2.55 0.00
NYPA__HELLGATE_GT1 24158	39.08 1.85 0.00	41.79 1.84 0.00	47.45 1.88 0.00	44.01 1.80 0.00	45.26 1.78 0.00	44.65 1.93 0.00	61.24 2.73 0.00	60.97 3.37 0.00	76.44 4.00 -0.17	68.49 3.50 -2.00	64.46 3.60 -1.48	73.05 4.30 0.00	64.74 3.72 0.00	70.07 4.19 0.00	61.73 3.61 0.00	60.66 3.47 -3.75	78.34 3.93 -15.05	73.78 5.47 -2.37	61.21 4.43 0.00	61.60 4.20 0.00	54.82 3.89 0.00	63.37 3.43 -12.55	39.51 2.51 0.00	38.54 2.25 0.00
NYPA__HELLGATE_GT2 24159	39.08 1.85 0.00	41.79 1.84 0.00	47.45 1.88 0.00	44.01 1.80 0.00	45.26 1.78 0.00	44.65 1.93 0.00	61.24 2.73 0.00	60.97 3.37 0.00	76.44 4.00 -0.17	68.49 3.50 -2.00	64.46 3.60 -1.48	73.05 4.30 0.00	64.74 3.72 0.00	70.07 4.19 0.00	61.73 3.61 0.00	60.66 3.47 -3.75	78.34 3.93 -15.05	73.78 5.47 -2.37	61.21 4.43 0.00	61.60 4.20 0.00	54.82 3.89 0.00	63.37 3.43 -12.55	39.51 2.51 0.00	38.54 2.25 0.00
NYS_BARGE__HYD 23848	34.97 -2.27 0.00	37.34 -2.62 0.00	42.91 -2.67 0.00	39.56 -2.65 0.00	40.94 -2.54 0.00	40.29 -2.44 0.00	55.04 -3.47 0.00	52.64 -4.00 0.97	48.05 -3.80 20.41	58.89 -4.10 0.00	55.62 -3.77 0.00	64.13 -4.62 0.00	56.86 -4.17 0.00	61.37 -4.51 0.00	54.47 -3.64 0.00	50.28 -3.15 0.00	55.78 -3.57 0.00	61.71 -4.22 0.00	52.55 -4.23 0.00	53.08 -4.32 0.00	46.91 -4.02 0.00	44.20 -3.19 0.00	34.95 -2.06 0.00	34.67 -1.62 0.00

OAK ORCHARD___HYD 24046	35.55 -1.68 0.00	38.01 -1.95 0.00	43.53 -2.05 0.00	40.21 -2.01 0.00	41.55 -1.93 0.00	40.89 -1.83 0.00	56.07 -2.43 0.00	54.46 -2.60 0.55	57.95 -2.63 11.69	60.25 -2.74 0.00	56.86 -2.53 0.00	65.63 -3.12 0.00	58.30 -2.73 0.00	62.95 -2.93 0.00	55.76 -2.36 0.00	51.36 -2.07 0.00	57.09 -2.26 0.00	63.40 -2.53 0.00	54.20 -2.58 0.00	54.74 -2.67 0.00	48.40 -2.54 0.00	45.24 -2.15 0.00	35.51 -1.49 0.00	34.99 -1.30 0.00
OAKDALE___35_KV_LOAD 356122	36.86 -0.38 0.00	39.63 -0.32 0.00	45.33 -0.25 0.00	41.77 -0.45 0.00	43.25 -0.22 0.00	42.22 -0.51 0.00	58.22 -0.29 0.00	57.64 0.03 0.00	71.93 -0.32 0.02	62.45 -0.31 0.23	58.98 -0.23 0.17	68.50 -0.25 0.00	60.73 -0.29 0.00	65.43 -0.45 0.00	57.97 -0.14 0.00	52.67 -0.32 0.44	57.29 -0.29 1.77	65.75 0.09 0.27	56.60 -0.18 0.00	57.12 -0.28 0.00	50.55 -0.38 0.00	45.89 -0.32 1.18	36.74 -0.27 0.00	36.02 -0.27 0.00
OCC_CHEM___DRP 24175	34.28 -2.96 0.00	36.60 -3.36 0.00	42.07 -3.51 0.00	38.77 -3.44 0.00	40.07 -3.41 0.00	39.45 -3.28 0.00	53.55 -4.96 0.00	51.91 -5.70 0.00	66.22 -6.05 0.00	57.05 -5.94 0.00	53.90 -5.48 0.00	62.22 -6.53 0.00	55.17 -5.86 0.00	59.41 -6.47 0.00	52.73 -5.38 0.00	48.70 -4.73 0.00	53.99 -5.36 0.00	59.61 -6.32 0.00	50.78 -6.00 0.00	51.36 -6.04 0.00	45.43 -5.51 0.00	42.83 -4.56 0.00	33.97 -3.03 0.00	33.77 -2.52 0.00
OH_GEN_PROXY 24063	34.40 -2.83 0.00	36.75 -3.21 0.00	42.24 -3.34 0.00	38.93 -3.29 0.00	40.25 -3.23 0.00	39.58 -3.15 0.00	53.97 -4.53 0.00	51.37 -5.04 1.20	41.70 -5.26 25.30	57.74 -5.25 0.00	54.56 -4.82 0.00	63.01 -5.74 0.00	55.95 -5.08 0.00	60.24 -5.64 0.00	53.43 -4.68 0.00	49.27 -4.16 0.00	54.63 -4.72 0.00	60.46 -5.47 0.00	51.51 -5.27 0.00	52.09 -5.32 0.00	46.05 -4.89 0.00	43.35 -4.04 0.00	34.31 -2.70 0.00	34.03 -2.26 0.00
OLIN_CORP_DRP 24177	34.22 -3.01 0.00	36.56 -3.40 0.00	42.01 -3.57 0.00	38.73 -3.48 0.00	40.06 -3.42 0.00	39.41 -3.32 0.00	53.70 -4.80 0.00	52.21 -5.40 0.00	66.63 -5.64 0.00	57.36 -5.63 0.00	54.19 -5.20 0.00	62.54 -6.22 0.00	55.45 -5.58 0.00	59.74 -6.14 0.00	53.04 -5.07 0.00	49.01 -4.42 0.00	54.33 -5.02 0.00	59.97 -5.96 0.00	51.08 -5.70 0.00	51.66 -5.74 0.00	45.69 -5.25 0.00	43.08 -4.31 0.00	34.14 -2.87 0.00	33.93 -2.36 0.00
OLIN_CORP_DSASP 323712	34.28 -2.96 0.00	36.60 -3.36 0.00	42.06 -3.52 0.00	38.77 -3.44 0.00	40.08 -3.40 0.00	39.45 -3.28 0.00	53.55 -4.95 0.00	50.80 -5.69 1.11	42.96 -6.00 23.31	57.07 -5.92 0.00	53.89 -5.50 0.00	62.21 -6.54 0.00	55.19 -5.84 0.00	59.41 -6.47 0.00	52.73 -5.39 0.00	48.70 -4.73 0.00	54.01 -5.34 0.00	59.62 -6.31 0.00	50.78 -6.00 0.00	51.36 -6.04 0.00	45.42 -5.51 0.00	42.84 -4.55 0.00	33.96 -3.04 0.00	33.78 -2.52 0.00
ONEIDA_HERK_LFGE 323681	37.38 0.14 0.00	40.29 0.33 0.00	46.12 0.54 0.00	42.74 0.53 0.00	44.12 0.64 0.00	43.44 0.71 0.00	59.87 1.37 0.00	59.00 1.39 0.00	73.83 1.56 0.00	64.37 1.38 0.00	60.29 0.90 0.00	69.92 1.17 0.00	61.92 0.90 0.00	66.51 0.63 0.00	58.65 0.54 0.00	53.98 0.55 0.00	59.87 0.52 0.00	66.37 0.44 0.00	56.87 0.09 0.00	57.36 -0.04 0.00	50.82 -0.11 0.00	47.17 -0.22 0.00	36.76 -0.24 0.00	36.01 -0.28 0.00
ONEIDA___115KV_TB4 55905	37.79 0.56 0.00	40.68 0.72 0.00	46.50 0.92 0.00	43.01 0.79 0.00	44.50 1.02 0.00	43.74 1.02 0.00	60.32 1.82 0.00	59.48 1.88 0.00	74.55 2.28 0.00	64.95 1.96 0.00	61.12 1.74 0.00	70.67 1.92 0.00	62.63 1.60 0.00	67.61 1.73 0.00	59.71 1.60 0.00	54.91 1.48 0.00	60.99 1.64 0.00	67.74 1.81 0.00	58.11 1.33 0.00	58.61 1.21 0.00	51.92 0.98 0.00	48.23 0.84 0.00	37.58 0.58 0.00	36.77 0.48 0.00
ONONDAGA_REF_OCCRA 23987	36.61 -0.63 0.00	39.28 -0.68 0.00	44.85 -0.73 0.00	41.45 -0.76 0.00	42.84 -0.64 0.00	42.05 -0.68 0.00	57.88 -0.63 0.00	57.11 -0.50 0.00	71.60 -0.67 0.00	62.33 -0.66 0.00	58.75 -0.64 0.00	67.94 -0.81 0.00	60.30 -0.73 0.00	65.11 -0.77 0.00	57.61 -0.50 0.00	52.98 -0.46 0.00	58.89 -0.46 0.00	65.65 -0.28 0.00	56.35 -0.43 0.00	56.87 -0.53 0.00	50.37 -0.56 0.00	46.87 -0.52 0.00	36.58 -0.42 0.00	35.86 -0.43 0.00
ONONDAGA___COGEN 23986	36.58 -0.65 0.00	39.21 -0.74 0.00	44.77 -0.81 0.00	41.43 -0.78 0.00	42.80 -0.68 0.00	42.03 -0.70 0.00	57.79 -0.71 0.00	57.04 -0.57 0.00	71.51 -0.76 0.00	62.21 -0.78 0.00	58.63 -0.76 0.00	67.81 -0.94 0.00	60.14 -0.88 0.00	64.96 -0.92 0.00	57.54 -0.57 0.00	52.88 -0.55 0.00	58.80 -0.55 0.00	65.53 -0.40 0.00	56.26 -0.52 0.00	56.82 -0.59 0.00	50.34 -0.60 0.00	46.81 -0.59 0.00	36.56 -0.45 0.00	35.83 -0.46 0.00
ONTARIO___LFGE 23819	36.37 -0.87 0.00	39.04 -0.92 0.00	44.71 -0.87 0.00	41.24 -0.97 0.00	42.82 -0.66 0.00	41.91 -0.82 0.00	57.77 -0.73 0.00	57.15 -0.46 0.00	71.57 -0.69 0.00	62.20 -0.79 0.00	58.46 -0.93 0.00	67.51 -1.24 0.00	59.94 -1.09 0.00	64.74 -1.14 0.00	57.45 -0.66 0.00	52.62 -0.81 0.00	58.63 -0.72 0.00	65.39 -0.54 0.00	55.84 -0.94 0.00	56.28 -1.13 0.00	49.74 -1.19 0.00	46.34 -1.05 0.00	36.36 -0.65 0.00	35.68 -0.61 0.00
ORANGEVILLE_WT_PWR 323706	34.97 -2.27 0.00	37.56 -2.40 0.00	43.18 -2.41 0.00	39.92 -2.29 0.00	41.48 -2.00 0.00	40.62 -2.11 0.00	55.91 -2.60 0.00	54.51 -2.72 0.38	61.75 -2.56 7.96	60.10 -2.89 0.00	56.60 -2.79 0.00	65.45 -3.30 0.00	58.00 -3.03 0.00	62.33 -3.55 0.00	55.27 -2.84 0.00	50.78 -2.65 0.00	56.33 -3.02 0.00	62.48 -3.45 0.00	53.01 -3.77 0.00	53.25 -4.15 0.00	46.95 -3.99 0.00	44.42 -2.97 0.00	35.14 -1.86 0.00	34.76 -1.53 0.00
ORANGEVILLE___ESR 323794	34.97 -2.27 0.00	37.56 -2.40 0.00	43.18 -2.41 0.00	39.92 -2.29 0.00	41.48 -2.00 0.00	40.62 -2.11 0.00	55.91 -2.60 0.00	54.51 -2.72 0.38	61.75 -2.56 7.96	60.10 -2.89 0.00	56.60 -2.79 0.00	65.45 -3.30 0.00	58.00 -3.03 0.00	62.33 -3.55 0.00	55.27 -2.84 0.00	50.78 -2.65 0.00	56.33 -3.02 0.00	62.48 -3.45 0.00	53.01 -3.77 0.00	53.25 -4.15 0.00	46.95 -3.99 0.00	44.42 -2.97 0.00	35.14 -1.86 0.00	34.76 -1.53 0.00
OSWEGATCHIE___HYD 24044	36.67 -0.57 0.00	39.66 -0.30 0.00	45.40 -0.18 0.00	42.07 -0.15 0.00	43.02 -0.46 0.00	42.55 -0.17 0.00	58.22 -0.29 0.00	57.22 -0.39 0.00	71.46 -0.80 0.00	62.25 -0.74 0.00	58.49 -0.90 0.00	67.59 -1.17 0.00	59.82 -1.21 0.00	63.46 -2.42 0.00	55.02 -3.10 0.00	50.75 -2.68 0.00	56.56 -2.79 0.00	62.21 -3.72 0.00	53.05 -3.73 0.00	53.48 -3.92 0.00	47.21 -3.72 0.00	43.62 -3.78 0.00	34.19 -2.81 0.00	34.03 -2.26 0.00
OSWEGO___5 23606	36.01 -1.23 0.00	38.63 -1.33 0.00	44.10 -1.49 0.00	40.80 -1.41 0.00	42.11 -1.37 0.00	41.34 -1.38 0.00	56.75 -1.75 0.00	55.95 -1.66 0.00	70.20 -2.07 0.00	61.10 -1.89 0.00	57.59 -1.79 0.00	66.62 -2.13 0.00	59.13 -1.90 0.00	63.81 -2.07 0.00	56.43 -1.68 0.00	51.89 -1.54 0.00	57.69 -1.67 0.00	64.22 -1.71 0.00	55.17 -1.61 0.00	55.71 -1.69 0.00	49.38 -1.55 0.00	45.94 -1.45 0.00	35.89 -1.12 0.00	35.21 -1.08 0.00

OSWEGO___6 23613	36.01 -1.23 0.00	38.63 -1.33 0.00	44.10 -1.49 0.00	40.80 -1.41 0.00	42.11 -1.37 0.00	41.34 -1.38 0.00	56.75 -1.75 0.00	55.95 -1.66 0.00	70.20 -2.07 0.00	61.10 -1.89 0.00	57.59 -1.79 0.00	66.62 -2.13 0.00	59.13 -1.90 0.00	63.81 -2.07 0.00	56.43 -1.68 0.00	51.89 -1.54 0.00	57.69 -1.67 0.00	64.22 -1.71 0.00	55.17 -1.61 0.00	55.71 -1.69 0.00	49.38 -1.55 0.00	45.94 -1.45 0.00	35.89 -1.12 0.00	35.21 -1.08 0.00
OUTOKUMPU-AB___DRP 24206	35.19 -2.04 0.00	37.58 -2.38 0.00	43.20 -2.38 0.00	39.81 -2.40 0.00	41.20 -2.28 0.00	40.53 -2.20 0.00	55.30 -3.21 0.00	53.83 -3.77 0.00	68.70 -3.57 0.00	59.14 -3.85 0.00	55.88 -3.50 0.00	64.50 -4.25 0.00	57.17 -3.85 0.00	61.68 -4.20 0.00	54.76 -3.35 0.00	50.52 -2.91 0.00	56.00 -3.35 0.00	61.97 -3.96 0.00	52.81 -3.97 0.00	53.32 -4.08 0.00	47.12 -3.81 0.00	44.41 -2.99 0.00	35.14 -1.87 0.00	34.83 -1.46 0.00
OXBOW___BTM 323836	34.81 -2.43 0.00	37.15 -2.80 0.00	42.71 -2.87 0.00	39.36 -2.85 0.00	40.72 -2.76 0.00	40.06 -2.66 0.00	54.53 -3.97 0.00	51.91 -4.60 1.10	44.47 -4.59 23.21	58.26 -4.73 0.00	55.03 -4.35 0.00	63.50 -5.26 0.00	56.32 -4.71 0.00	60.69 -5.18 0.00	53.87 -4.24 0.00	49.72 -3.71 0.00	55.16 -4.19 0.00	60.98 -4.95 0.00	51.92 -4.86 0.00	52.47 -4.93 0.00	46.39 -4.54 0.00	43.73 -3.66 0.00	34.62 -2.39 0.00	34.37 -1.92 0.00
OXBOW____ 24026	34.81 -2.43 0.00	37.16 -2.79 0.00	42.71 -2.87 0.00	39.36 -2.85 0.00	40.72 -2.76 0.00	40.07 -2.66 0.00	54.53 -3.98 0.00	53.01 -4.60 0.00	67.62 -4.65 0.00	58.25 -4.74 0.00	55.04 -4.34 0.00	63.50 -5.25 0.00	56.30 -4.73 0.00	60.70 -5.18 0.00	53.88 -4.23 0.00	49.74 -3.70 0.00	55.15 -4.21 0.00	60.95 -4.98 0.00	51.93 -4.85 0.00	52.48 -4.93 0.00	46.39 -4.54 0.00	43.73 -3.66 0.00	34.63 -2.38 0.00	34.37 -1.92 0.00
OXY_CHEM_DSASP 323612	34.28 -2.96 0.00	36.60 -3.36 0.00	42.07 -3.51 0.00	38.77 -3.44 0.00	40.07 -3.41 0.00	39.45 -3.28 0.00	53.55 -4.96 0.00	51.91 -5.70 0.00	66.22 -6.05 0.00	57.05 -5.94 0.00	53.90 -5.48 0.00	62.22 -6.53 0.00	55.17 -5.86 0.00	59.41 -6.47 0.00	52.73 -5.38 0.00	48.70 -4.73 0.00	53.99 -5.36 0.00	59.61 -6.32 0.00	50.78 -6.00 0.00	51.36 -6.04 0.00	45.43 -5.51 0.00	42.83 -4.56 0.00	33.97 -3.03 0.00	33.77 -2.52 0.00
OZONE_PARK_ESR 323760	39.37 2.14 0.00	42.06 2.10 0.00	47.70 2.12 0.00	44.25 2.03 0.00	45.57 2.09 0.00	44.95 2.23 0.00	61.71 3.21 0.00	61.43 3.83 0.00	77.11 4.67 -0.17	69.11 4.12 -2.00	65.00 4.13 -1.48	73.74 4.98 0.00	65.31 4.29 0.00	70.65 4.77 0.00	62.29 4.17 0.00	61.23 4.04 -3.76	78.99 4.58 -15.06	74.42 6.12 -2.38	61.78 5.00 0.00	62.14 4.74 0.00	55.30 4.37 0.00	63.84 3.89 -12.56	39.84 2.83 0.00	38.85 2.56 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	34.28 -2.96 0.00	36.60 -3.36 0.00	42.07 -3.51 0.00	38.77 -3.44 0.00	40.07 -3.41 0.00	39.45 -3.28 0.00	53.55 -4.96 0.00	51.91 -5.70 0.00	66.22 -6.05 0.00	57.05 -5.94 0.00	53.90 -5.48 0.00	62.22 -6.53 0.00	55.17 -5.86 0.00	59.41 -6.47 0.00	52.73 -5.38 0.00	48.70 -4.73 0.00	53.99 -5.36 0.00	59.61 -6.32 0.00	50.78 -6.00 0.00	51.36 -6.04 0.00	45.43 -5.51 0.00	42.83 -4.56 0.00	33.97 -3.03 0.00	33.77 -2.52 0.00
PACKARD___115KV_DUPONT_184 80571	34.28 -2.96 0.00	36.60 -3.36 0.00	42.07 -3.51 0.00	38.77 -3.44 0.00	40.07 -3.41 0.00	39.45 -3.28 0.00	53.55 -4.96 0.00	51.91 -5.70 0.00	66.22 -6.05 0.00	57.05 -5.94 0.00	53.90 -5.48 0.00	62.22 -6.53 0.00	55.17 -5.86 0.00	59.41 -6.47 0.00	52.73 -5.38 0.00	48.70 -4.73 0.00	53.99 -5.36 0.00	59.61 -6.32 0.00	50.78 -6.00 0.00	51.36 -6.04 0.00	45.43 -5.51 0.00	42.83 -4.56 0.00	33.97 -3.03 0.00	33.77 -2.52 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.09 1.85 0.00	41.77 1.81 0.00	47.44 1.86 0.00	43.99 1.77 0.00	45.25 1.77 0.00	44.65 1.92 0.00	61.24 2.73 0.00	60.97 3.37 0.00	76.45 4.01 -0.17	68.49 3.50 -2.00	64.44 3.58 -1.48	73.05 4.29 0.00	64.72 3.70 0.00	70.07 4.18 0.00	61.72 3.61 0.00	60.69 3.50 -3.75	78.38 3.97 -15.05	73.81 5.51 -2.37	61.23 4.46 0.00	61.63 4.23 0.00	54.82 3.89 0.00	63.37 3.43 -12.55	39.51 2.50 0.00	38.54 2.24 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.23 2.00 0.00	41.95 1.99 0.00	47.66 2.07 0.00	44.19 1.98 0.00	45.48 2.00 0.00	44.88 2.16 0.00	61.58 3.08 0.00	61.34 3.73 0.00	76.87 4.43 -0.17	68.82 3.83 -2.00	64.66 3.79 -1.48	73.33 4.57 0.00	64.98 3.95 0.00	70.36 4.48 0.00	61.93 3.82 0.00	60.86 3.68 -3.75	78.55 4.14 -15.05	74.01 5.70 -2.37	61.45 4.67 0.00	61.84 4.44 0.00	55.02 4.08 0.00	63.50 3.56 -12.55	39.63 2.62 0.00	38.64 2.35 0.00
PATROON___115KV_TB1 80586	38.26 1.03 0.00	41.07 1.11 0.00	46.72 1.14 0.00	43.40 1.19 0.00	44.60 1.12 0.00	43.77 1.04 0.00	59.47 0.96 0.00	58.73 1.12 0.00	73.74 1.43 -0.04	64.62 1.20 -0.43	60.94 1.23 -0.32	70.29 1.54 0.00	62.31 1.28 0.00	67.52 1.64 0.00	59.42 1.30 0.00	55.56 1.32 -0.81	64.19 1.59 -3.25	68.76 2.32 -0.51	58.67 1.89 0.00	59.17 1.77 0.00	52.54 1.61 0.00	51.54 1.44 -2.71	38.24 1.23 0.00	37.47 1.18 0.00
PATTRSNVILLE___SOLAR 323815	38.41 1.17 0.00	41.23 1.27 0.00	47.00 1.42 0.00	43.55 1.34 0.00	44.85 1.37 0.00	44.05 1.32 0.00	60.46 1.95 0.00	59.68 2.07 0.00	74.82 2.53 -0.03	65.44 2.08 -0.36	61.60 1.95 -0.27	70.97 2.22 0.00	63.00 1.97 0.00	68.26 2.38 0.00	60.16 2.04 0.00	56.09 1.97 -0.69	64.43 2.32 -2.76	69.33 2.96 -0.44	59.22 2.44 0.00	59.78 2.38 0.00	53.00 2.07 0.00	51.54 1.83 -2.32	38.35 1.34 0.00	37.55 1.26 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	36.31 -0.92 0.00	38.81 -1.15 0.00	44.61 -0.97 0.00	41.13 -1.08 0.00	42.64 -0.84 0.00	41.82 -0.90 0.00	57.32 -1.18 0.00	56.04 -1.57 0.00	71.32 -0.95 0.00	61.50 -1.49 0.00	58.20 -1.19 0.00	67.18 -1.58 0.00	59.63 -1.40 0.00	64.21 -1.67 0.00	57.00 -1.12 0.00	52.40 -1.03 0.00	58.04 -1.32 0.00	64.53 -1.40 0.00	54.97 -1.81 0.00	55.48 -1.92 0.00	48.96 -1.98 0.00	46.13 -1.26 0.00	36.46 -0.55 0.00	36.05 -0.24 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	39.23 1.99 0.00	41.92 1.96 0.00	47.59 2.01 0.00	44.14 1.93 0.00	45.48 2.00 0.00	44.85 2.13 0.00	61.58 3.08 0.00	61.24 3.63 0.00	76.77 4.42 -0.08	67.79 3.89 -0.91	63.96 3.90 -0.67	73.39 4.64 0.00	64.95 3.93 0.00	70.18 4.30 0.00	61.85 3.74 0.00	58.75 3.61 -1.71	70.38 4.17 -6.86	72.70 5.69 -1.08	61.46 4.69 0.00	61.82 4.42 0.00	55.05 4.12 0.00	56.70 3.66 -5.65	39.64 2.63 0.00	38.65 2.36 0.00
PEEKSKILL____ 23653	38.66 1.43 0.00	41.35 1.39 0.00	46.95 1.37 0.00	43.56 1.35 0.00	44.87 1.38 0.00	44.21 1.49 0.00	60.62 2.12 0.00	60.24 2.64 0.00	75.52 3.07 -0.18	67.86 2.72 -2.15	63.78 2.80 -1.59	72.15 3.40 0.00	63.92 2.90 0.00	69.14 3.26 0.00	60.95 2.84 0.00	60.23 2.76 -4.04	78.69 3.15 -16.19	72.99 4.50 -2.55	60.43 3.65 0.00	60.81 3.41 0.00	54.10 3.16 0.00	63.67 2.77 -13.51	39.00 1.99 0.00	38.07 1.78 0.00

PGE MADISON___WINDPWR 24146	39.78 2.55 0.00	42.63 2.67 0.00	48.77 3.19 0.00	44.90 2.69 0.00	46.68 3.20 0.00	45.73 3.00 0.00	63.99 5.49 0.00	68.00 10.16 -0.24	86.84 10.20 -4.37	70.48 7.96 0.47	65.72 6.68 0.35	76.51 7.76 0.00	68.10 7.07 0.00	72.67 6.79 0.00	64.59 6.47 0.00	58.34 5.80 0.90	62.19 6.43 3.59	69.68 4.16 0.41	61.82 5.04 0.00	60.72 3.32 0.00	53.65 2.72 0.00	48.50 2.23 1.12	38.44 1.43 0.00	37.54 1.25 0.00
PIERCEFIELD___HYD 23852	37.29 0.05 0.00	40.23 0.28 0.00	46.03 0.45 0.00	42.56 0.34 0.00	43.17 -0.31 0.00	42.81 0.08 0.00	58.05 -0.45 0.00	56.98 -0.62 0.00	71.37 -0.90 0.00	62.00 -0.99 0.00	59.00 -0.39 0.00	67.71 -1.05 0.00	60.02 -1.01 0.00	63.36 -2.52 0.00	54.31 -3.81 0.00	50.26 -3.17 0.00	56.36 -2.99 0.00	62.06 -3.87 0.00	52.89 -3.89 0.00	53.39 -4.01 0.00	47.01 -3.92 0.00	43.37 -4.02 0.00	34.14 -2.87 0.00	34.34 -1.95 0.00
PINELAWN_CC_1 323563	39.63 2.40 0.00	42.29 2.33 0.00	47.90 2.33 0.00	44.45 2.24 0.00	45.78 2.30 0.00	45.33 2.61 0.00	61.90 3.40 0.00	61.67 4.06 0.00	76.96 4.52 -0.17	68.77 3.79 -2.00	65.15 4.28 -1.48	73.87 5.12 0.00	65.58 4.55 0.00	70.93 5.05 0.00	62.62 4.50 0.00	61.53 4.35 -3.75	79.09 4.71 -15.03	74.71 6.40 -2.37	62.25 5.47 0.00	62.91 5.50 0.00	55.84 4.90 0.00	64.10 4.18 -12.53	40.03 3.03 0.00	38.94 2.65 0.00
PJM_GEN_HTP_PROXY 323702	39.00 1.77 0.00	41.07 1.72 0.61	47.29 1.72 0.00	43.52 1.65 0.34	45.18 1.70 0.00	44.41 1.83 0.15	61.11 2.61 0.00	60.81 3.20 0.00	76.30 3.86 -0.17	68.42 3.43 -2.00	64.98 3.47 -2.12	74.62 4.20 -1.67	64.63 3.61 0.00	69.90 4.02 0.00	61.63 3.52 0.00	60.63 3.43 -3.76	78.31 3.88 -15.08	73.63 5.32 -2.38	61.10 4.32 0.00	61.45 4.05 0.00	54.68 3.75 0.00	64.84 3.34 -14.11	39.47 2.41 -0.05	38.46 2.16 0.00
PJM_GEN_KEystone 24065	36.89 -0.34 0.00	38.16 -0.47 1.32	45.08 -0.50 0.00	41.36 -0.51 0.35	43.24 -0.36 -0.11	41.79 -0.43 0.50	58.00 -0.50 0.00	55.99 -0.30 1.32	57.82 -0.43 14.02	59.93 -0.45 2.62	57.94 -0.14 1.30	70.35 -0.07 -1.67	61.62 -0.12 -0.72	65.67 -0.21 0.00	58.04 -0.07 0.00	45.42 -0.17 7.85	39.47 -0.27 19.62	63.35 0.51 3.09	56.89 0.11 0.00	57.30 -0.10 0.00	50.78 -0.15 0.00	32.35 -0.02 15.02	37.11 0.05 -0.05	36.39 0.10 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.18 1.95 0.00	41.24 1.90 0.61	47.43 1.84 0.00	43.66 1.79 0.34	45.31 1.83 0.00	44.65 2.08 0.15	61.21 2.71 0.00	60.90 3.29 0.00	76.08 3.64 -0.17	68.11 3.12 -2.00	65.02 3.53 -2.11	74.65 4.23 -1.67	64.76 3.73 0.00	70.04 4.15 0.00	61.81 3.69 0.00	60.78 3.60 -3.75	78.26 3.88 -15.03	73.79 5.49 -2.37	61.40 4.62 0.00	61.98 4.57 0.00	55.05 4.12 0.00	64.99 3.53 -14.07	39.59 2.54 -0.05	38.51 2.21 0.00
PJM_GEN_VFT_PROXY 323633	38.87 1.63 0.00	40.92 1.57 0.61	47.12 1.53 0.00	43.35 1.48 0.34	45.00 1.52 0.00	44.24 1.66 0.15	60.81 2.30 0.00	60.50 2.90 0.00	75.85 3.41 -0.17	68.10 3.11 -2.00	64.62 3.11 -2.11	74.24 3.83 -1.67	64.31 3.28 0.00	69.54 3.67 0.00	61.33 3.21 0.00	60.36 3.17 -3.76	77.98 3.56 -15.06	73.33 5.02 -2.38	60.83 4.05 0.00	61.17 3.77 0.00	54.47 3.53 0.00	64.64 3.15 -14.10	39.36 2.30 -0.05	38.36 2.07 0.00
PLATSBURG_115KV_PMLD1 355749	37.70 0.46 0.00	40.46 0.50 0.00	46.24 0.65 0.00	42.78 0.56 0.00	43.76 0.28 0.00	43.49 0.76 0.00	59.85 1.34 0.00	58.72 1.12 0.00	73.96 1.70 0.00	64.11 1.12 0.00	60.52 1.14 0.00	70.33 1.58 0.00	62.59 1.56 0.00	67.49 1.61 0.00	59.25 1.13 0.00	54.23 0.80 0.00	60.21 0.86 0.00	66.23 0.29 0.00	56.31 -0.47 0.00	56.95 -0.45 0.00	50.18 -0.75 0.00	46.56 -0.83 0.00	36.23 -0.78 0.00	35.61 -0.68 0.00
PLEASANTVLY___LBMP 24000	38.68 1.44 0.00	41.35 1.39 0.00	46.96 1.38 0.00	43.56 1.35 0.00	44.85 1.36 0.00	44.18 1.45 0.00	60.54 2.03 0.00	60.09 2.49 0.00	75.38 2.99 -0.12	67.01 2.63 -1.38	63.14 2.73 -1.02	72.05 3.29 0.00	63.83 2.80 0.00	69.04 3.16 0.00	60.83 2.72 0.00	58.72 2.68 -2.61	72.93 3.08 -10.49	71.92 4.34 -1.66	60.32 3.55 0.00	60.74 3.34 0.00	54.03 3.09 0.00	58.76 2.71 -8.66	38.97 1.96 0.00	38.06 1.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.87 1.64 0.00	41.56 1.60 0.00	47.18 1.60 0.00	43.77 1.56 0.00	45.06 1.58 0.00	44.45 1.73 0.00	60.92 2.42 0.00	60.55 2.94 0.00	75.96 3.54 -0.15	67.94 3.14 -1.81	63.91 3.19 -1.34	72.59 3.84 0.00	64.32 3.30 0.00	69.57 3.69 0.00	61.32 3.21 0.00	59.96 3.13 -3.40	76.57 3.57 -13.65	73.02 4.93 -2.15	60.81 4.03 0.00	61.20 3.79 0.00	54.44 3.51 0.00	61.84 3.09 -11.35	39.24 2.24 0.00	38.30 2.01 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.87 1.64 0.00	41.56 1.60 0.00	47.18 1.60 0.00	43.77 1.56 0.00	45.06 1.58 0.00	44.45 1.73 0.00	60.92 2.42 0.00	60.55 2.94 0.00	75.96 3.54 -0.15	67.94 3.14 -1.81	63.91 3.19 -1.34	72.59 3.84 0.00	64.32 3.30 0.00	69.57 3.69 0.00	61.32 3.21 0.00	59.96 3.13 -3.40	76.57 3.57 -13.65	73.02 4.93 -2.15	60.81 4.03 0.00	61.20 3.79 0.00	54.44 3.51 0.00	61.84 3.09 -11.35	39.24 2.24 0.00	38.30 2.01 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.03 1.79 0.00	41.69 1.73 0.00	47.35 1.77 0.00	43.92 1.70 0.00	45.23 1.75 0.00	44.59 1.87 0.00	61.21 2.70 0.00	60.85 3.24 0.00	76.28 3.97 -0.05	67.05 3.49 -0.57	63.33 3.53 -0.42	72.95 4.20 0.00	64.56 3.54 0.00	69.76 3.88 0.00	61.49 3.38 0.00	57.98 3.27 -1.28	68.52 3.77 -5.40	71.95 5.16 -0.85	61.04 4.26 0.00	61.40 4.00 0.00	54.65 3.72 0.00	54.18 3.31 -3.48	39.40 2.39 0.00	38.43 2.14 0.00
POLETTI___ 23519	39.05 1.82 0.00	41.75 1.79 0.00	47.36 1.77 0.00	43.92 1.71 0.00	45.24 1.76 0.00	44.62 1.90 0.00	61.17 2.67 0.00	60.88 3.28 0.00	76.39 3.95 -0.17	68.49 3.50 -2.00	64.40 3.54 -1.48	73.05 4.30 0.00	64.71 3.68 0.00	70.00 4.12 0.00	61.71 3.59 0.00	60.69 3.50 -3.76	78.36 3.95 -15.06	73.72 5.41 -2.38	61.16 4.38 0.00	61.51 4.11 0.00	54.75 3.82 0.00	63.36 3.41 -12.56	39.49 2.48 0.00	38.52 2.22 0.00
POMONA___ESR 323819	38.52 1.28 0.00	41.19 1.23 0.00	46.79 1.21 0.00	43.42 1.21 0.00	44.74 1.25 0.00	44.08 1.36 0.00	60.50 2.00 0.00	60.12 2.52 0.00	74.86 2.88 0.29	62.15 2.57 3.41	59.51 2.65 2.53	71.97 3.21 0.00	63.76 2.74 0.00	68.88 3.01 0.00	60.72 2.61 0.00	49.70 2.53 6.26	37.15 2.90 25.10	66.21 4.23 3.95	60.19 3.41 0.00	60.57 3.16 0.00	53.87 2.94 0.00	28.76 2.55 21.18	38.83 1.83 0.00	37.94 1.65 0.00
PORT_JEFF_3 23555	39.78 2.54 0.00	42.45 2.49 0.00	48.04 2.46 0.00	44.60 2.39 0.00	45.94 2.46 0.00	45.51 2.79 0.00	62.09 3.59 0.00	61.81 4.21 0.00	76.77 4.33 -0.17	68.60 3.61 -2.00	65.03 4.17 -1.48	73.85 5.09 0.00	65.92 4.89 0.00	71.26 5.38 0.00	62.93 4.82 0.00	61.82 4.64 -3.75	79.23 4.85 -15.03	74.89 6.58 -2.37	62.59 5.81 0.00	63.33 5.93 0.00	56.13 5.20 0.00	64.27 4.35 -12.53	40.14 3.13 0.00	38.99 2.70 0.00

PORT_JEFF_4 23616	39.78 2.54 0.00	42.45 2.49 0.00	48.04 2.46 0.00	44.60 2.39 0.00	45.94 2.46 0.00	45.51 2.79 0.00	62.09 3.59 0.00	61.81 4.21 0.00	76.77 4.33 -0.17	68.60 3.61 -2.00	65.03 4.17 -1.48	73.85 5.09 0.00	65.92 4.89 0.00	71.26 5.38 0.00	62.93 4.82 0.00	61.82 4.64 -3.75	79.23 4.85 -15.03	74.89 6.58 -2.37	62.59 5.81 0.00	63.33 5.93 0.00	56.13 5.20 0.00	64.27 4.35 -12.53	40.14 3.13 0.00	38.99 2.70 0.00
PORT_JEFF_IC 23713	39.80 2.56 0.00	42.45 2.50 0.00	48.07 2.49 0.00	44.62 2.41 0.00	45.96 2.48 0.00	45.55 2.83 0.00	62.15 3.64 0.00	61.87 4.26 0.00	76.61 4.17 -0.17	68.45 3.47 -2.00	64.90 4.04 -1.48	73.74 4.98 0.00	66.01 4.98 0.00	71.36 5.48 0.00	63.01 4.90 0.00	61.92 4.74 -3.75	79.22 4.84 -15.03	74.89 6.58 -2.37	62.70 5.92 0.00	63.43 6.02 0.00	56.22 5.28 0.00	64.32 4.40 -12.53	40.18 3.17 0.00	39.02 2.73 0.00
PPL_PILGRIM_ST_GT1 24216	39.92 2.68 0.00	42.59 2.63 0.00	48.23 2.66 0.00	44.77 2.55 0.00	46.12 2.63 0.00	45.66 2.94 0.00	62.37 3.87 0.00	62.09 4.48 0.00	77.39 4.96 -0.17	68.58 3.60 -2.00	65.37 4.51 -1.48	74.16 5.41 0.00	65.89 4.86 0.00	71.23 5.35 0.00	62.80 4.69 0.00	61.47 4.29 -3.75	78.99 4.61 -15.03	74.60 6.30 -2.37	62.34 5.56 0.00	63.46 6.05 0.00	56.30 5.37 0.00	64.47 4.55 -12.53	40.30 3.29 0.00	39.17 2.88 0.00
PPL_PILGRIM_ST_GT2 24217	39.92 2.68 0.00	42.59 2.63 0.00	48.23 2.66 0.00	44.77 2.55 0.00	46.12 2.63 0.00	45.66 2.94 0.00	62.37 3.87 0.00	62.09 4.48 0.00	77.39 4.96 -0.17	68.58 3.60 -2.00	65.37 4.51 -1.48	74.16 5.41 0.00	65.89 4.86 0.00	71.23 5.35 0.00	62.80 4.69 0.00	61.47 4.29 -3.75	78.99 4.61 -15.03	74.60 6.30 -2.37	62.34 5.56 0.00	63.46 6.05 0.00	56.30 5.37 0.00	64.47 4.55 -12.53	40.30 3.29 0.00	39.17 2.88 0.00
PPL_SHRM_GT3 24213	39.96 2.72 0.00	42.64 2.69 0.00	48.26 2.68 0.00	44.80 2.59 0.00	46.14 2.66 0.00	45.73 3.01 0.00	62.30 3.80 0.00	62.02 4.42 0.00	77.38 4.94 -0.17	69.17 4.19 -2.00	65.62 4.76 -1.48	74.52 5.77 0.00	66.30 5.28 0.00	71.72 5.84 0.00	63.35 5.24 0.00	62.24 5.06 -3.75	79.89 5.51 -15.03	75.56 7.26 -2.37	62.97 6.19 0.00	63.74 6.34 0.00	56.46 5.53 0.00	64.49 4.57 -12.53	40.28 3.27 0.00	39.03 2.74 0.00
PPL_SHRM_GT4 24214	39.96 2.72 0.00	42.64 2.69 0.00	48.26 2.68 0.00	44.80 2.59 0.00	46.14 2.66 0.00	45.73 3.01 0.00	62.30 3.80 0.00	62.02 4.42 0.00	77.38 4.94 -0.17	69.17 4.19 -2.00	65.62 4.76 -1.48	74.52 5.77 0.00	66.30 5.28 0.00	71.72 5.84 0.00	63.35 5.24 0.00	62.24 5.06 -3.75	79.89 5.51 -15.03	75.56 7.26 -2.37	62.97 6.19 0.00	63.74 6.34 0.00	56.46 5.53 0.00	64.49 4.57 -12.53	40.28 3.27 0.00	39.03 2.74 0.00
PROJECT___ORANGE 1 24174	36.36 -0.88 0.00	39.00 -0.96 0.00	44.52 -1.05 0.00	41.17 -1.04 0.00	42.53 -0.95 0.00	41.76 -0.96 0.00	57.44 -1.06 0.00	56.67 -0.93 0.00	71.08 -1.19 0.00	61.88 -1.11 0.00	58.32 -1.07 0.00	67.45 -1.31 0.00	59.87 -1.16 0.00	64.66 -1.22 0.00	57.20 -0.92 0.00	52.60 -0.83 0.00	58.47 -0.88 0.00	65.14 -0.79 0.00	55.90 -0.88 0.00	56.43 -0.97 0.00	49.98 -0.95 0.00	46.52 -0.87 0.00	36.31 -0.69 0.00	35.61 -0.68 0.00
PROJECT___ORANGE 2 24166	36.36 -0.88 0.00	39.00 -0.96 0.00	44.52 -1.05 0.00	41.17 -1.04 0.00	42.53 -0.95 0.00	41.76 -0.96 0.00	57.44 -1.06 0.00	56.67 -0.93 0.00	71.08 -1.19 0.00	61.88 -1.11 0.00	58.32 -1.07 0.00	67.45 -1.31 0.00	59.87 -1.16 0.00	64.66 -1.22 0.00	57.20 -0.92 0.00	52.60 -0.83 0.00	58.47 -0.88 0.00	65.14 -0.79 0.00	55.90 -0.88 0.00	56.43 -0.97 0.00	49.98 -0.95 0.00	46.52 -0.87 0.00	36.31 -0.69 0.00	35.61 -0.68 0.00
PUCKETT___SOLAR 323809	37.54 0.30 0.00	40.31 0.35 0.00	46.10 0.52 0.00	42.48 0.27 0.00	44.05 0.57 0.00	43.02 0.29 0.00	59.45 0.95 0.00	59.72 1.84 -0.27	79.31 1.59 -5.45	63.85 1.17 0.30	60.09 0.93 0.22	69.91 1.16 0.00	62.02 1.00 0.00	66.68 0.80 0.00	59.11 1.00 0.00	53.62 0.77 0.58	57.91 0.88 2.32	66.64 1.05 0.34	57.51 0.73 0.00	57.74 0.33 0.00	51.10 0.17 0.00	46.32 0.14 1.21	37.01 0.00 0.00	36.27 -0.02 0.00
PYRITES___HYD 24023	38.28 1.05 0.00	41.29 1.33 0.00	47.22 1.64 0.00	43.65 1.43 0.00	44.31 0.83 0.00	43.93 1.21 0.00	59.77 1.26 0.00	58.67 1.06 0.00	73.49 1.22 0.00	63.71 0.72 0.00	60.53 1.14 0.00	68.81 0.06 0.00	60.93 -0.10 0.00	63.77 -2.11 0.00	54.69 -3.43 0.00	51.43 -2.00 0.00	58.08 -1.27 0.00	64.15 -1.78 0.00	54.69 -2.09 0.00	55.19 -2.21 0.00	48.54 -2.39 0.00	44.69 -2.70 0.00	35.09 -1.92 0.00	35.27 -1.02 0.00
QUAKERRD_115KV_BK1 80622	35.01 -2.23 0.00	37.45 -2.51 0.00	42.86 -2.72 0.00	39.61 -2.60 0.00	40.93 -2.55 0.00	40.29 -2.43 0.00	55.26 -3.24 0.00	54.26 -3.34 0.00	68.54 -3.73 0.00	59.37 -3.62 0.00	56.02 -3.37 0.00	64.70 -4.05 0.00	57.47 -3.56 0.00	62.06 -3.82 0.00	54.96 -3.16 0.00	50.61 -2.82 0.00	56.24 -3.11 0.00	62.49 -3.44 0.00	53.47 -3.30 0.00	54.00 -3.40 0.00	47.77 -3.17 0.00	44.59 -2.81 0.00	34.97 -2.04 0.00	34.42 -1.87 0.00
QUENSBRY_115KV_TB8 356137	39.56 2.32 0.00	42.38 2.42 0.00	48.15 2.58 0.00	44.67 2.46 0.00	45.91 2.42 0.00	45.12 2.39 0.00	61.92 3.42 0.00	61.12 3.52 0.00	76.80 4.49 -0.04	67.17 3.76 -0.42	63.55 3.86 -0.31	73.29 4.54 0.00	65.03 4.00 0.00	71.88 6.00 0.00	63.13 5.01 0.00	59.09 4.87 -0.79	68.25 5.72 -3.18	73.51 7.08 -0.50	62.79 6.01 0.00	63.39 5.99 0.00	56.10 5.17 0.00	54.55 4.51 -2.65	40.36 3.36 0.00	39.66 3.37 0.00
RAMAPO___LBMP 323565	38.41 1.17 0.00	41.07 1.12 0.00	46.66 1.08 0.00	43.32 1.11 0.00	44.63 1.15 0.00	43.97 1.24 0.00	60.31 1.80 0.00	59.89 2.28 0.00	74.54 2.55 0.28	61.99 2.29 3.29	59.32 2.37 2.44	71.65 2.89 0.00	63.48 2.46 0.00	68.62 2.74 0.00	60.50 2.39 0.00	49.58 2.33 6.18	37.24 2.66 24.77	66.00 3.97 3.90	59.96 3.19 0.00	60.34 2.93 0.00	53.67 2.74 0.00	28.86 2.38 20.90	38.70 1.69 0.00	37.82 1.53 0.00
RANKINE____ 23646	35.47 -1.77 0.00	37.91 -2.05 0.00	43.60 -1.98 0.00	40.21 -2.01 0.00	41.66 -1.83 0.00	40.92 -1.80 0.00	56.09 -2.41 0.00	54.78 -2.82 0.00	69.76 -2.51 0.00	60.09 -2.90 0.00	56.79 -2.59 0.00	65.55 -3.20 0.00	58.14 -2.88 0.00	62.66 -3.22 0.00	55.64 -2.48 0.00	51.25 -2.18 0.00	56.84 -2.52 0.00	62.98 -2.95 0.00	53.60 -3.18 0.00	54.13 -3.27 0.00	47.80 -3.14 0.00	45.06 -2.33 0.00	35.65 -1.35 0.00	35.30 -0.99 0.00
RAVENSWOOD_GT2_1 24244	39.02 1.78 0.00	41.69 1.73 0.00	47.31 1.73 0.00	43.88 1.66 0.00	45.19 1.71 0.00	44.56 1.84 0.00	61.12 2.61 0.00	60.81 3.20 0.00	76.27 3.83 -0.17	68.39 3.40 -2.00	64.31 3.44 -1.48	72.92 4.16 0.00	64.60 3.57 0.00	69.88 4.00 0.00	61.61 3.50 0.00	60.60 3.41 -3.75	78.25 3.85 -15.05	73.60 5.29 -2.37	61.07 4.29 0.00	61.44 4.03 0.00	54.69 3.75 0.00	63.27 3.33 -12.55	39.42 2.41 0.00	38.45 2.16 0.00

RAVENSWOOD_GT2_2 24245	39.02 1.78 0.00	41.69 1.73 0.00	47.31 1.73 0.00	43.88 1.66 0.00	45.19 1.71 0.00	44.56 1.84 0.00	61.12 2.61 0.00	60.81 3.20 0.00	76.27 3.83 -0.17	68.39 3.40 -2.00	64.31 3.44 -1.48	72.92 4.16 0.00	64.60 3.57 0.00	69.88 4.00 0.00	61.61 3.50 0.00	60.60 3.41 -3.75	78.25 3.85 -15.05	73.60 5.29 -2.37	61.07 4.29 0.00	61.44 4.03 0.00	54.69 3.75 0.00	63.27 3.33 -12.55	39.42 2.41 0.00	38.45 2.16 0.00
RAVENSWOOD_GT2_3 24246	39.02 1.79 0.00	41.71 1.76 0.00	47.33 1.75 0.00	43.90 1.68 0.00	45.21 1.73 0.00	44.58 1.86 0.00	61.15 2.64 0.00	60.83 3.22 0.00	76.32 3.88 -0.17	68.43 3.44 -2.00	64.34 3.48 -1.48	72.97 4.22 0.00	64.64 3.61 0.00	69.92 4.04 0.00	61.64 3.53 0.00	60.61 3.43 -3.75	78.29 3.88 -15.05	73.64 5.33 -2.37	61.10 4.32 0.00	61.47 4.06 0.00	54.70 3.76 0.00	63.30 3.36 -12.55	39.44 2.43 0.00	38.48 2.19 0.00
RAVENSWOOD_GT2_4 24247	39.02 1.79 0.00	41.71 1.76 0.00	47.33 1.75 0.00	43.90 1.68 0.00	45.21 1.73 0.00	44.58 1.86 0.00	61.15 2.64 0.00	60.83 3.22 0.00	76.32 3.88 -0.17	68.43 3.44 -2.00	64.34 3.48 -1.48	72.97 4.22 0.00	64.64 3.61 0.00	69.92 4.04 0.00	61.64 3.53 0.00	60.61 3.43 -3.75	78.29 3.88 -15.05	73.64 5.33 -2.37	61.10 4.32 0.00	61.47 4.06 0.00	54.70 3.76 0.00	63.30 3.36 -12.55	39.44 2.43 0.00	38.48 2.19 0.00
RAVENSWOOD_GT3_1 24248	39.02 1.78 0.00	41.69 1.73 0.00	47.31 1.73 0.00	43.88 1.66 0.00	45.19 1.71 0.00	44.57 1.84 0.00	61.12 2.61 0.00	60.81 3.20 0.00	76.27 3.84 -0.17	68.40 3.41 -2.00	64.31 3.45 -1.48	72.93 4.17 0.00	64.60 3.58 0.00	69.88 4.00 0.00	61.61 3.50 0.00	60.60 3.41 -3.75	78.26 3.85 -15.05	73.61 5.30 -2.37	61.07 4.29 0.00	61.44 4.03 0.00	54.69 3.76 0.00	63.27 3.33 -12.55	39.42 2.41 0.00	38.45 2.16 0.00
RAVENSWOOD_GT3_2 24249	39.02 1.78 0.00	41.69 1.73 0.00	47.31 1.73 0.00	43.88 1.66 0.00	45.19 1.71 0.00	44.57 1.84 0.00	61.12 2.61 0.00	60.81 3.20 0.00	76.27 3.84 -0.17	68.40 3.41 -2.00	64.31 3.45 -1.48	72.93 4.17 0.00	64.60 3.58 0.00	69.88 4.00 0.00	61.61 3.50 0.00	60.60 3.41 -3.75	78.26 3.85 -15.05	73.61 5.30 -2.37	61.07 4.29 0.00	61.44 4.03 0.00	54.69 3.76 0.00	63.27 3.33 -12.55	39.42 2.41 0.00	38.45 2.16 0.00
RAVENSWOOD_GT3_3 24250	39.06 1.82 0.00	41.75 1.79 0.00	47.37 1.79 0.00	43.93 1.72 0.00	45.25 1.76 0.00	44.62 1.90 0.00	61.20 2.70 0.00	60.89 3.29 0.00	76.40 3.97 -0.17	68.50 3.51 -2.00	64.41 3.54 -1.48	73.06 4.30 0.00	64.71 3.68 0.00	70.01 4.13 0.00	61.71 3.60 0.00	60.69 3.51 -3.75	78.36 3.96 -15.05	73.72 5.41 -2.37	61.16 4.38 0.00	61.53 4.13 0.00	54.76 3.83 0.00	63.36 3.41 -12.55	39.48 2.47 0.00	38.52 2.22 0.00
RAVENSWOOD_GT3_4 24251	39.06 1.82 0.00	41.75 1.79 0.00	47.37 1.79 0.00	43.93 1.72 0.00	45.25 1.76 0.00	44.62 1.90 0.00	61.20 2.70 0.00	60.89 3.29 0.00	76.40 3.97 -0.17	68.50 3.51 -2.00	64.41 3.54 -1.48	73.06 4.30 0.00	64.71 3.68 0.00	70.01 4.13 0.00	61.71 3.60 0.00	60.69 3.51 -3.75	78.36 3.96 -15.05	73.72 5.41 -2.37	61.16 4.38 0.00	61.53 4.13 0.00	54.76 3.83 0.00	63.36 3.41 -12.55	39.48 2.47 0.00	38.52 2.22 0.00
RAVENSWOOD_GT_1 23729	39.10 1.86 0.00	41.79 1.83 0.00	47.42 1.84 0.00	43.98 1.77 0.00	45.28 1.80 0.00	44.65 1.93 0.00	61.25 2.75 0.00	60.97 3.37 0.00	76.49 4.05 -0.17	68.55 3.56 -2.00	64.44 3.58 -1.48	73.07 4.32 0.00	64.73 3.71 0.00	70.03 4.15 0.00	61.73 3.62 0.00	60.71 3.52 -3.75	78.38 3.97 -15.05	73.76 5.46 -2.37	61.19 4.41 0.00	61.55 4.14 0.00	54.81 3.87 0.00	63.40 3.46 -12.55	39.50 2.50 0.00	38.54 2.25 0.00
RAVENSWOOD_GT_10 24258	39.01 1.78 0.00	41.69 1.73 0.00	47.31 1.73 0.00	43.87 1.66 0.00	45.19 1.71 0.00	44.56 1.84 0.00	61.12 2.61 0.00	60.80 3.20 0.00	76.27 3.83 -0.17	68.39 3.40 -2.00	64.31 3.44 -1.48	72.92 4.17 0.00	64.60 3.58 0.00	69.88 4.00 0.00	61.61 3.50 0.00	60.60 3.41 -3.75	78.25 3.85 -15.05	73.61 5.30 -2.37	61.07 4.29 0.00	61.44 4.03 0.00	54.69 3.76 0.00	63.27 3.33 -12.55	39.42 2.41 0.00	38.45 2.16 0.00
RAVENSWOOD_GT_11 24259	39.01 1.78 0.00	41.69 1.73 0.00	47.31 1.73 0.00	43.87 1.66 0.00	45.19 1.71 0.00	44.56 1.84 0.00	61.12 2.61 0.00	60.80 3.20 0.00	76.27 3.83 -0.17	68.39 3.40 -2.00	64.31 3.44 -1.48	72.92 4.17 0.00	64.60 3.58 0.00	69.88 4.00 0.00	61.61 3.50 0.00	60.60 3.41 -3.75	78.25 3.85 -15.05	73.61 5.30 -2.37	61.07 4.29 0.00	61.44 4.03 0.00	54.69 3.76 0.00	63.27 3.33 -12.55	39.42 2.41 0.00	38.45 2.16 0.00
RAVENSWOOD_GT_4 24252	39.01 1.78 0.00	41.69 1.73 0.00	47.31 1.73 0.00	43.87 1.66 0.00	45.19 1.71 0.00	44.57 1.84 0.00	61.12 2.61 0.00	60.79 3.19 0.00	76.26 3.82 -0.17	68.39 3.41 -2.00	64.31 3.44 -1.48	72.93 4.17 0.00	64.61 3.59 0.00	69.88 4.00 0.00	61.60 3.49 0.00	60.59 3.41 -3.75	78.26 3.85 -15.05	73.61 5.30 -2.37	61.08 4.30 0.00	61.44 4.03 0.00	54.68 3.75 0.00	63.27 3.33 -12.55	39.42 2.41 0.00	38.47 2.17 0.00
RAVENSWOOD_GT_5 24254	39.01 1.78 0.00	41.69 1.73 0.00	47.31 1.73 0.00	43.87 1.66 0.00	45.19 1.71 0.00	44.57 1.84 0.00	61.12 2.61 0.00	60.79 3.19 0.00	76.26 3.82 -0.17	68.39 3.41 -2.00	64.31 3.44 -1.48	72.93 4.17 0.00	64.61 3.59 0.00	69.88 4.00 0.00	61.60 3.49 0.00	60.59 3.41 -3.75	78.26 3.85 -15.05	73.61 5.30 -2.37	61.08 4.30 0.00	61.44 4.03 0.00	54.68 3.75 0.00	63.27 3.33 -12.55	39.42 2.41 0.00	38.47 2.17 0.00
RAVENSWOOD_GT_6 24253	39.01 1.78 0.00	41.69 1.73 0.00	47.31 1.73 0.00	43.87 1.66 0.00	45.19 1.71 0.00	44.57 1.84 0.00	61.12 2.61 0.00	60.79 3.19 0.00	76.26 3.82 -0.17	68.39 3.41 -2.00	64.31 3.44 -1.48	72.93 4.17 0.00	64.61 3.59 0.00	69.88 4.00 0.00	61.60 3.49 0.00	60.59 3.41 -3.75	78.26 3.85 -15.05	73.61 5.30 -2.37	61.08 4.30 0.00	61.44 4.03 0.00	54.68 3.75 0.00	63.27 3.33 -12.55	39.42 2.41 0.00	38.47 2.17 0.00
RAVENSWOOD_GT_7 24255	39.01 1.78 0.00	41.69 1.73 0.00	47.31 1.73 0.00	43.87 1.66 0.00	45.19 1.71 0.00	44.57 1.84 0.00	61.12 2.61 0.00	60.79 3.19 0.00	76.26 3.82 -0.17	68.39 3.41 -2.00	64.31 3.44 -1.48	72.93 4.17 0.00	64.61 3.59 0.00	69.88 4.00 0.00	61.60 3.49 0.00	60.59 3.41 -3.75	78.26 3.85 -15.05	73.61 5.30 -2.37	61.08 4.30 0.00	61.44 4.03 0.00	54.68 3.75 0.00	63.27 3.33 -12.55	39.42 2.41 0.00	38.47 2.17 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.01 1.78 0.00	41.69 1.73 0.00	47.31 1.73 0.00	43.87 1.66 0.00	45.19 1.71 0.00	44.56 1.84 0.00	61.12 2.61 0.00	60.80 3.20 0.00	76.27 3.83 -0.17	68.39 3.40 -2.00	64.31 3.44 -1.48	72.92 4.17 0.00	64.60 3.58 0.00	69.88 4.00 0.00	61.61 3.50 0.00	60.60 3.41 -3.75	78.25 3.85 -15.05	73.61 5.30 -2.37	61.07 4.29 0.00	61.44 4.03 0.00	54.69 3.76 0.00	63.27 3.33 -12.55	39.42 2.41 0.00	38.45 2.16 0.00

RAVENSWOOD_GT_9 24257	39.01 1.78 0.00	41.69 1.73 0.00	47.31 1.73 0.00	43.87 1.66 0.00	45.19 1.71 0.00	44.56 1.84 0.00	61.12 2.61 0.00	60.80 3.20 0.00	76.27 3.83 -0.17	68.39 3.40 -2.00	64.31 3.44 -1.48	72.92 4.17 0.00	64.60 3.58 0.00	69.88 4.00 0.00	61.61 3.50 0.00	60.60 3.41 -3.75	78.25 3.85 -15.05	73.61 5.30 -2.37	61.07 4.29 0.00	61.44 4.03 0.00	54.69 3.76 0.00	63.27 3.33 -12.55	39.42 2.41 0.00	38.45 2.16 0.00
RAVENSWOOD___1 23533	39.05 1.81 0.00	41.72 1.77 0.00	47.35 1.77 0.00	43.91 1.70 0.00	45.21 1.73 0.00	44.59 1.86 0.00	61.17 2.67 0.00	60.87 3.27 0.00	76.37 3.93 -0.17	68.44 3.45 -2.00	64.37 3.50 -1.48	72.97 4.22 0.00	64.63 3.60 0.00	69.94 4.06 0.00	61.65 3.54 0.00	60.63 3.45 -3.75	78.28 3.87 -15.05	73.64 5.34 -2.37	61.10 4.32 0.00	61.47 4.07 0.00	54.71 3.78 0.00	63.32 3.37 -12.55	39.44 2.43 0.00	38.47 2.18 0.00
RAVENSWOOD___2 23534	39.05 1.81 0.00	41.72 1.77 0.00	47.35 1.77 0.00	43.91 1.70 0.00	45.21 1.73 0.00	44.59 1.86 0.00	61.17 2.67 0.00	60.87 3.27 0.00	76.37 3.93 -0.17	68.44 3.45 -2.00	64.37 3.50 -1.48	72.97 4.22 0.00	64.63 3.60 0.00	69.94 4.06 0.00	61.65 3.54 0.00	60.63 3.45 -3.75	78.28 3.87 -15.05	73.64 5.34 -2.37	61.10 4.32 0.00	61.47 4.07 0.00	54.71 3.78 0.00	63.32 3.37 -12.55	39.44 2.43 0.00	38.47 2.18 0.00
RAVENSWOOD___3 23535	39.02 1.78 0.00	41.70 1.74 0.00	47.31 1.73 0.00	43.88 1.66 0.00	45.20 1.72 0.00	44.57 1.85 0.00	61.12 2.61 0.00	60.81 3.20 0.00	76.29 3.85 -0.17	68.41 3.42 -2.00	64.31 3.45 -1.48	72.93 4.18 0.00	64.61 3.58 0.00	69.88 4.00 0.00	61.61 3.50 0.00	60.59 3.41 -3.75	78.27 3.87 -15.05	73.61 5.30 -2.37	61.08 4.30 0.00	61.44 4.04 0.00	54.69 3.76 0.00	63.28 3.34 -12.55	39.42 2.41 0.00	38.46 2.17 0.00
RAVENSWOOD___4 23820	39.05 1.81 0.00	41.72 1.77 0.00	47.35 1.77 0.00	43.91 1.70 0.00	45.21 1.73 0.00	44.59 1.86 0.00	61.17 2.67 0.00	60.87 3.27 0.00	76.37 3.93 -0.17	68.44 3.45 -2.00	64.37 3.50 -1.48	72.97 4.22 0.00	64.63 3.60 0.00	69.94 4.06 0.00	61.65 3.54 0.00	60.63 3.45 -3.75	78.28 3.87 -15.05	73.64 5.34 -2.37	61.10 4.32 0.00	61.47 4.07 0.00	54.71 3.78 0.00	63.32 3.37 -12.55	39.44 2.43 0.00	38.47 2.18 0.00
RCPL_TRUST___DRP 24196	39.04 1.81 0.00	41.72 1.76 0.00	47.34 1.76 0.00	43.91 1.70 0.00	45.22 1.74 0.00	44.59 1.87 0.00	61.17 2.67 0.00	60.88 3.27 0.00	76.40 3.96 -0.17	68.50 3.51 -2.00	64.41 3.54 -1.48	73.06 4.30 0.00	64.71 3.68 0.00	70.01 4.13 0.00	61.72 3.61 0.00	60.70 3.51 -3.76	78.40 3.97 -15.08	73.74 5.43 -2.38	61.16 4.38 0.00	61.52 4.11 0.00	54.75 3.82 0.00	63.36 3.39 -12.57	39.45 2.45 0.00	38.49 2.20 0.00
RED___ROCHESTER 323720	35.77 -1.46 0.00	38.24 -1.71 0.00	43.80 -1.78 0.00	40.44 -1.77 0.00	41.77 -1.71 0.00	41.14 -1.59 0.00	56.43 -2.07 0.00	54.81 -2.23 0.56	58.37 -2.15 11.75	60.67 -2.32 0.00	57.26 -2.13 0.00	66.10 -2.66 0.00	58.69 -2.34 0.00	63.39 -2.48 0.00	56.16 -1.95 0.00	51.73 -1.70 0.00	57.51 -1.84 0.00	63.91 -2.02 0.00	54.63 -2.15 0.00	55.16 -2.24 0.00	48.76 -2.18 0.00	45.56 -1.83 0.00	35.75 -1.26 0.00	35.20 -1.09 0.00
REGAN___SOLAR 323812	39.30 2.06 0.00	42.15 2.19 0.00	48.13 2.55 0.00	44.58 2.36 0.00	45.96 2.48 0.00	45.23 2.50 0.00	62.43 3.92 0.00	61.70 4.09 0.00	77.20 4.91 -0.03	67.41 4.10 -0.31	63.25 3.64 -0.23	72.71 3.96 0.00	64.68 3.65 0.00	70.02 4.13 0.00	61.77 3.65 0.00	57.46 3.44 -0.59	65.85 4.13 -2.37	71.26 4.94 -0.38	60.88 4.10 0.00	61.39 3.99 0.00	54.36 3.43 0.00	52.46 3.04 -2.03	39.17 2.16 0.00	38.25 1.96 0.00
RENSSELAER___COGEN 23796	38.08 0.84 0.00	40.89 0.93 0.00	46.49 0.91 0.00	43.21 1.00 0.00	44.40 0.92 0.00	43.57 0.85 0.00	59.13 0.63 0.00	58.37 0.77 0.00	73.28 0.98 -0.04	64.24 0.81 -0.44	60.56 0.85 -0.32	69.83 1.08 0.00	61.90 0.88 0.00	67.09 1.21 0.00	59.01 0.89 0.00	55.21 0.96 -0.82	63.80 1.17 -3.28	68.31 1.86 -0.52	58.28 1.50 0.00	58.81 1.40 0.00	52.21 1.28 0.00	51.30 1.16 -2.74	38.04 1.04 0.00	37.29 1.00 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.59 4.35 0.00	44.42 4.46 0.00	50.28 4.70 0.00	46.83 4.62 0.00	47.94 4.46 0.00	47.26 4.53 0.00	65.18 6.68 0.00	64.28 6.67 0.00	80.59 8.28 -0.04	70.48 7.07 -0.42	66.79 7.09 -0.31	77.13 8.38 0.00	68.09 7.06 0.00	74.44 8.56 0.00	65.17 7.06 0.00	61.32 7.09 -0.80	70.92 8.37 -3.19	76.71 10.27 -0.51	65.57 8.79 0.00	66.58 9.18 0.00	58.70 7.77 0.00	56.74 6.69 -2.66	42.02 5.01 0.00	41.54 5.25 0.00
REVERE_CPFR_DRP 24186	38.04 0.81 0.00	40.96 1.00 0.00	46.84 1.25 0.00	43.33 1.12 0.00	44.82 1.34 0.00	44.09 1.37 0.00	60.91 2.41 0.00	60.04 2.44 0.00	75.28 3.01 0.00	65.60 2.61 0.00	61.63 2.24 0.00	71.31 2.55 0.00	63.15 2.12 0.00	68.10 2.22 0.00	60.14 2.02 0.00	55.33 1.90 0.00	61.48 2.13 0.00	68.23 2.30 0.00	58.50 1.72 0.00	58.98 1.58 0.00	52.23 1.29 0.00	48.49 1.10 0.00	37.77 0.76 0.00	36.93 0.64 0.00
REYNOLDS_115KV_TB3 80639	38.31 1.07 0.00	41.12 1.17 0.00	46.73 1.15 0.00	43.48 1.27 0.00	44.65 1.17 0.00	43.85 1.12 0.00	59.58 1.08 0.00	58.79 1.18 0.00	73.83 1.52 -0.04	64.73 1.29 -0.45	61.04 1.32 -0.33	70.39 1.64 0.00	62.36 1.33 0.00	67.61 1.73 0.00	59.44 1.33 0.00	55.66 1.38 -0.84	64.36 1.62 -3.39	68.87 2.40 -0.54	58.75 1.98 0.00	59.27 1.87 0.00	52.64 1.71 0.00	51.75 1.53 -2.82	38.27 1.26 0.00	37.52 1.23 0.00
RIVERBAY____ 323610	39.23 2.00 0.00	41.95 1.99 0.00	47.66 2.07 0.00	44.19 1.98 0.00	45.48 2.00 0.00	44.88 2.16 0.00	61.58 3.08 0.00	61.34 3.73 0.00	76.87 4.43 -0.17	68.82 3.83 -2.00	64.66 3.79 -1.48	73.33 4.57 0.00	64.98 3.95 0.00	70.36 4.48 0.00	61.93 3.82 0.00	60.86 3.68 -3.75	78.55 4.14 -15.05	74.01 5.70 -2.37	61.45 4.67 0.00	61.84 4.44 0.00	55.02 4.08 0.00	63.50 3.56 -12.55	39.63 2.62 0.00	38.64 2.35 0.00
RIVERSIDE_115KV_TB3 55908	38.22 0.98 0.00	41.03 1.07 0.00	46.64 1.06 0.00	43.38 1.16 0.00	44.55 1.07 0.00	43.74 1.02 0.00	59.40 0.90 0.00	58.62 1.02 0.00	73.61 1.30 -0.04	64.53 1.10 -0.44	60.86 1.14 -0.33	70.18 1.43 0.00	62.20 1.17 0.00	67.41 1.53 0.00	59.28 1.17 0.00	55.48 1.22 -0.83	64.14 1.46 -3.33	68.65 2.19 -0.53	58.57 1.79 0.00	59.09 1.69 0.00	52.46 1.53 0.00	51.56 1.39 -2.77	38.19 1.18 0.00	37.45 1.15 0.00
ROARING___BROOK_WT_PWR 323790	36.77 -0.47 0.00	39.62 -0.33 0.00	45.43 -0.15 0.00	42.13 -0.08 0.00	43.32 -0.17 0.00	42.66 -0.06 0.00	58.45 -0.06 0.00	57.33 -0.27 0.00	71.86 -0.41 0.00	62.82 -0.17 0.00	59.19 -0.19 0.00	68.58 -0.17 0.00	60.93 -0.10 0.00	65.52 -0.36 0.00	57.41 -0.70 0.00	52.41 -1.02 0.00	58.01 -1.34 0.00	64.21 -1.72 0.00	55.30 -1.48 0.00	55.94 -1.46 0.00	49.61 -1.32 0.00	46.07 -1.32 0.00	35.94 -1.06 0.00	35.24 -1.05 0.00

ROCHESRG_115KV_T4 355643	35.41 -1.82 0.00	37.88 -2.08 0.00	43.38 -2.20 0.00	40.06 -2.15 0.00	41.39 -2.10 0.00	40.73 -2.00 0.00	55.83 -2.67 0.00	54.74 -2.86 0.00	69.26 -3.01 0.00	59.96 -3.03 0.00	56.59 -2.80 0.00	65.34 -3.42 0.00	58.02 -3.01 0.00	62.65 -3.23 0.00	55.50 -2.62 0.00	51.12 -2.32 0.00	56.78 -2.57 0.00	63.06 -2.87 0.00	53.93 -2.85 0.00	54.46 -2.94 0.00	48.15 -2.78 0.00	45.04 -2.36 0.00	35.37 -1.64 0.00	34.86 -1.43 0.00
ROCHESTER_9_IC 23652	35.62 -1.62 0.00	38.08 -1.88 0.00	43.61 -1.97 0.00	40.28 -1.94 0.00	41.59 -1.88 0.00	40.96 -1.77 0.00	56.18 -2.32 0.00	55.09 -2.52 0.00	69.74 -2.53 0.00	60.34 -2.65 0.00	56.97 -2.42 0.00	65.76 -2.99 0.00	58.38 -2.65 0.00	63.06 -2.82 0.00	55.86 -2.25 0.00	51.46 -1.97 0.00	57.18 -2.17 0.00	63.51 -2.42 0.00	54.30 -2.47 0.00	54.83 -2.57 0.00	48.48 -2.45 0.00	45.32 -2.07 0.00	35.58 -1.43 0.00	35.05 -1.25 0.00
ROCKVIEW_13_KV_LD 356306	39.02 1.79 0.00	41.70 1.74 0.00	47.33 1.75 0.00	43.90 1.69 0.00	45.22 1.74 0.00	44.59 1.86 0.00	61.16 2.66 0.00	60.80 3.20 0.00	76.27 3.83 -0.17	68.36 3.37 -2.00	64.29 3.42 -1.48	72.92 4.16 0.00	64.60 3.57 0.00	69.88 4.00 0.00	61.59 3.48 0.00	60.55 3.36 -3.76	78.26 3.83 -15.07	73.56 5.25 -2.38	61.06 4.29 0.00	61.47 4.06 0.00	54.68 3.75 0.00	63.26 3.30 -12.57	39.40 2.39 0.00	38.44 2.15 0.00
ROME____115KV_TB2 80656	38.04 0.81 0.00	40.96 1.00 0.00	46.84 1.25 0.00	43.33 1.12 0.00	44.82 1.34 0.00	44.09 1.37 0.00	60.91 2.41 0.00	60.04 2.44 0.00	75.28 3.01 0.00	65.60 2.61 0.00	61.63 2.24 0.00	71.31 2.55 0.00	63.15 2.12 0.00	68.10 2.22 0.00	60.14 2.02 0.00	55.33 1.90 0.00	61.48 2.13 0.00	68.23 2.30 0.00	58.50 1.72 0.00	58.98 1.58 0.00	52.23 1.29 0.00	48.49 1.10 0.00	37.77 0.76 0.00	36.93 0.64 0.00
ROSETON___1 23587	38.23 0.99 0.00	40.90 0.95 0.00	46.50 0.92 0.00	43.14 0.92 0.00	44.44 0.96 0.00	43.75 1.03 0.00	60.02 1.52 0.00	59.56 1.96 0.00	74.28 2.23 0.22	62.36 1.98 2.61	59.50 2.05 1.93	71.24 2.49 0.00	63.13 2.10 0.00	68.21 2.33 0.00	60.16 2.04 0.00	50.50 1.99 4.92	41.93 2.31 19.74	66.27 3.45 3.11	59.53 2.76 0.00	59.93 2.53 0.00	53.29 2.36 0.00	32.81 2.04 16.63	38.46 1.45 0.00	37.59 1.30 0.00
ROSETON___2 23588	38.23 0.99 0.00	40.90 0.95 0.00	46.50 0.92 0.00	43.14 0.92 0.00	44.44 0.96 0.00	43.75 1.03 0.00	60.02 1.52 0.00	59.56 1.96 0.00	74.28 2.23 0.22	62.36 1.98 2.61	59.50 2.05 1.93	71.24 2.49 0.00	63.13 2.10 0.00	68.21 2.33 0.00	60.16 2.04 0.00	50.50 1.99 4.92	41.93 2.31 19.74	66.27 3.45 3.11	59.53 2.76 0.00	59.93 2.53 0.00	53.29 2.36 0.00	32.81 2.04 16.63	38.46 1.45 0.00	37.59 1.30 0.00
ROTRRDAM_115KV_TB3 80664	38.17 0.93 0.00	40.97 1.02 0.00	46.68 1.10 0.00	43.26 1.05 0.00	44.53 1.05 0.00	43.71 0.98 0.00	59.86 1.35 0.00	59.07 1.46 0.00	74.11 1.81 -0.03	64.89 1.52 -0.39	61.16 1.49 -0.28	70.53 1.78 0.00	62.55 1.52 0.00	67.79 1.91 0.00	59.72 1.61 0.00	55.72 1.56 -0.72	64.10 1.84 -2.91	68.87 2.47 -0.46	58.82 2.04 0.00	59.39 1.99 0.00	52.69 1.76 0.00	51.36 1.54 -2.43	38.15 1.14 0.00	37.38 1.09 0.00
RUSSELL___1 23602	35.78 -1.46 0.00	38.25 -1.71 0.00	43.80 -1.78 0.00	40.45 -1.76 0.00	41.78 -1.71 0.00	41.14 -1.58 0.00	56.43 -2.08 0.00	55.37 -2.24 0.00	70.11 -2.16 0.00	60.66 -2.33 0.00	57.26 -2.12 0.00	66.10 -2.65 0.00	58.68 -2.35 0.00	63.39 -2.49 0.00	56.17 -1.95 0.00	51.74 -1.69 0.00	57.50 -1.85 0.00	63.90 -2.03 0.00	54.63 -2.15 0.00	55.16 -2.24 0.00	48.75 -2.18 0.00	45.56 -1.83 0.00	35.75 -1.26 0.00	35.20 -1.09 0.00
RUSSELL___2 23532	35.78 -1.46 0.00	38.25 -1.71 0.00	43.80 -1.78 0.00	40.45 -1.76 0.00	41.78 -1.71 0.00	41.14 -1.58 0.00	56.43 -2.08 0.00	55.37 -2.24 0.00	70.11 -2.16 0.00	60.66 -2.33 0.00	57.26 -2.12 0.00	66.10 -2.65 0.00	58.68 -2.35 0.00	63.39 -2.49 0.00	56.17 -1.95 0.00	51.74 -1.69 0.00	57.50 -1.85 0.00	63.90 -2.03 0.00	54.63 -2.15 0.00	55.16 -2.24 0.00	48.75 -2.18 0.00	45.56 -1.83 0.00	35.75 -1.26 0.00	35.20 -1.09 0.00
RUSSELL___3 23549	35.78 -1.46 0.00	38.25 -1.71 0.00	43.80 -1.78 0.00	40.45 -1.76 0.00	41.78 -1.71 0.00	41.14 -1.58 0.00	56.43 -2.08 0.00	55.37 -2.24 0.00	70.11 -2.16 0.00	60.66 -2.33 0.00	57.26 -2.12 0.00	66.10 -2.65 0.00	58.68 -2.35 0.00	63.39 -2.49 0.00	56.17 -1.95 0.00	51.74 -1.69 0.00	57.50 -1.85 0.00	63.90 -2.03 0.00	54.63 -2.15 0.00	55.16 -2.24 0.00	48.75 -2.18 0.00	45.56 -1.83 0.00	35.75 -1.26 0.00	35.20 -1.09 0.00
RUSSELL___4 23556	35.78 -1.46 0.00	38.25 -1.71 0.00	43.80 -1.78 0.00	40.45 -1.76 0.00	41.78 -1.71 0.00	41.14 -1.58 0.00	56.43 -2.08 0.00	55.37 -2.24 0.00	70.11 -2.16 0.00	60.66 -2.33 0.00	57.26 -2.12 0.00	66.10 -2.65 0.00	58.68 -2.35 0.00	63.39 -2.49 0.00	56.17 -1.95 0.00	51.74 -1.69 0.00	57.50 -1.85 0.00	63.90 -2.03 0.00	54.63 -2.15 0.00	55.16 -2.24 0.00	48.75 -2.18 0.00	45.56 -1.83 0.00	35.75 -1.26 0.00	35.20 -1.09 0.00
RUSSELL___STATION 23914	35.78 -1.46 0.00	38.25 -1.71 0.00	43.80 -1.78 0.00	40.45 -1.76 0.00	41.78 -1.71 0.00	41.14 -1.58 0.00	56.43 -2.08 0.00	55.37 -2.24 0.00	70.11 -2.16 0.00	60.66 -2.33 0.00	57.26 -2.12 0.00	66.10 -2.65 0.00	58.68 -2.35 0.00	63.39 -2.49 0.00	56.17 -1.95 0.00	51.74 -1.69 0.00	57.50 -1.85 0.00	63.90 -2.03 0.00	54.63 -2.15 0.00	55.16 -2.24 0.00	48.75 -2.18 0.00	45.56 -1.83 0.00	35.75 -1.26 0.00	35.20 -1.09 0.00
S SALMON___HYD 24043	36.04 -1.20 0.00	38.81 -1.15 0.00	44.41 -1.17 0.00	41.12 -1.10 0.00	42.48 -1.00 0.00	41.79 -0.94 0.00	57.57 -0.93 0.00	56.74 -0.87 0.00	70.98 -1.29 0.00	61.97 -1.02 0.00	57.87 -1.52 0.00	67.04 -1.71 0.00	59.48 -1.54 0.00	63.88 -2.00 0.00	56.52 -1.59 0.00	52.20 -1.23 0.00	57.92 -1.43 0.00	64.01 -1.92 0.00	54.86 -1.91 0.00	55.35 -2.05 0.00	49.11 -1.83 0.00	45.69 -1.70 0.00	35.65 -1.36 0.00	34.92 -1.37 0.00
S.PERRY___115KV_TB1 80734	36.56 -0.68 0.00	39.25 -0.71 0.00	45.09 -0.49 0.00	41.67 -0.54 0.00	43.23 -0.25 0.00	42.53 -0.19 0.00	58.70 0.20 0.00	57.85 0.25 0.00	73.20 0.93 0.00	63.10 0.11 0.00	59.25 -0.14 0.00	68.15 -0.60 0.00	60.63 -0.40 0.00	65.30 -0.58 0.00	57.63 -0.49 0.00	53.16 -0.27 0.00	59.25 -0.10 0.00	66.07 0.14 0.00	56.27 -0.50 0.00	56.58 -0.83 0.00	49.77 -1.17 0.00	46.55 -0.84 0.00	36.51 -0.50 0.00	35.92 -0.38 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.93 -2.30 0.00	37.32 -2.64 0.00	42.90 -2.68 0.00	39.55 -2.66 0.00	40.94 -2.54 0.00	40.26 -2.46 0.00	55.05 -3.45 0.00	53.65 -3.95 0.00	68.40 -3.87 0.00	58.90 -4.09 0.00	55.65 -3.73 0.00	64.24 -4.51 0.00	56.99 -4.04 0.00	61.43 -4.45 0.00	54.53 -3.59 0.00	50.27 -3.17 0.00	55.73 -3.62 0.00	61.68 -4.25 0.00	52.52 -4.25 0.00	53.09 -4.31 0.00	46.92 -4.02 0.00	44.21 -3.18 0.00	34.99 -2.02 0.00	34.68 -1.61 0.00

SAWYER___23_KV_LOAD 55526	34.93 -2.30 0.00	37.32 -2.64 0.00	42.90 -2.68 0.00	39.55 -2.66 0.00	40.94 -2.54 0.00	40.26 -2.46 0.00	55.05 -3.45 0.00	53.65 -3.95 0.00	68.40 -3.87 0.00	58.90 -4.09 0.00	55.65 -3.73 0.00	64.24 -4.51 0.00	56.99 -4.04 0.00	61.43 -4.45 0.00	54.53 -3.59 0.00	50.27 -3.17 0.00	55.73 -3.62 0.00	61.68 -4.25 0.00	52.52 -4.25 0.00	53.09 -4.31 0.00	46.92 -4.02 0.00	44.21 -3.18 0.00	34.99 -2.02 0.00	34.68 -1.61 0.00
SELKIRK___I 23801	38.29 1.05 0.00	41.17 1.21 0.00	46.90 1.32 0.00	43.53 1.32 0.00	44.76 1.28 0.00	43.90 1.18 0.00	59.74 1.24 0.00	58.92 1.32 0.00	73.88 1.58 -0.03	64.63 1.26 -0.39	60.90 1.23 -0.29	70.26 1.51 0.00	62.36 1.33 0.00	67.55 1.68 0.00	59.47 1.36 0.00	55.49 1.36 -0.71	63.80 1.63 -2.82	68.64 2.26 -0.45	58.62 1.84 0.00	59.17 1.77 0.00	52.54 1.60 0.00	51.24 1.44 -2.41	38.20 1.19 0.00	37.47 1.18 0.00
SELKIRK___II 23799	38.08 0.84 0.00	40.90 0.94 0.00	46.55 0.97 0.00	43.21 1.00 0.00	44.43 0.95 0.00	43.59 0.87 0.00	59.34 0.84 0.00	58.58 0.98 0.00	73.53 1.22 -0.04	64.40 0.99 -0.42	60.73 1.03 -0.31	70.04 1.29 0.00	62.09 1.06 0.00	67.24 1.36 0.00	59.18 1.07 0.00	55.32 1.10 -0.79	63.83 1.31 -3.17	68.40 1.97 -0.50	58.38 1.60 0.00	58.92 1.52 0.00	52.31 1.38 0.00	51.28 1.24 -2.65	38.03 1.03 0.00	37.27 0.98 0.00
SENECA OSWGO___HYD 24041	35.95 -1.29 0.00	38.56 -1.39 0.00	44.01 -1.56 0.00	40.72 -1.50 0.00	42.04 -1.44 0.00	41.30 -1.42 0.00	56.78 -1.73 0.00	56.01 -1.60 0.00	70.26 -2.01 0.00	61.14 -1.86 0.00	57.52 -1.87 0.00	66.62 -2.13 0.00	59.10 -1.93 0.00	63.84 -2.04 0.00	56.48 -1.64 0.00	51.99 -1.44 0.00	57.79 -1.56 0.00	64.36 -1.57 0.00	55.26 -1.52 0.00	55.80 -1.60 0.00	49.43 -1.50 0.00	46.00 -1.39 0.00	35.91 -1.10 0.00	35.21 -1.08 0.00
SENECA___115KV_TB3 355854	35.53 -1.70 0.00	37.98 -1.98 0.00	43.67 -1.91 0.00	40.26 -1.95 0.00	41.73 -1.76 0.00	40.98 -1.74 0.00	56.20 -2.31 0.00	54.88 -2.72 0.00	69.90 -2.36 0.00	60.21 -2.78 0.00	56.91 -2.48 0.00	65.68 -3.07 0.00	58.24 -2.78 0.00	62.79 -3.09 0.00	55.75 -2.37 0.00	51.35 -2.08 0.00	56.94 -2.42 0.00	63.10 -2.83 0.00	53.71 -3.07 0.00	54.24 -3.17 0.00	47.88 -3.06 0.00	45.15 -2.25 0.00	35.71 -1.29 0.00	35.35 -0.94 0.00
SENECA___ENERGY 23797	36.24 -1.00 0.00	38.82 -1.14 0.00	44.37 -1.21 0.00	41.04 -1.17 0.00	42.51 -0.97 0.00	41.71 -1.01 0.00	57.41 -1.09 0.00	56.73 -0.88 0.00	71.16 -1.11 0.00	61.81 -1.18 0.00	58.15 -1.24 0.00	67.28 -1.47 0.00	59.62 -1.41 0.00	64.42 -1.46 0.00	57.14 -0.97 0.00	52.39 -1.04 0.00	58.32 -1.03 0.00	65.02 -0.92 0.00	55.68 -1.10 0.00	56.16 -1.24 0.00	49.66 -1.28 0.00	46.20 -1.19 0.00	36.20 -0.81 0.00	35.54 -0.75 0.00
SHOEMAKER___GT 23640	38.23 1.00 0.00	40.92 0.97 0.00	46.54 0.96 0.00	43.17 0.95 0.00	44.47 0.99 0.00	43.76 1.03 0.00	60.06 1.55 0.00	59.61 2.00 0.00	74.34 2.30 0.22	62.40 2.04 2.64	59.53 2.10 1.95	71.29 2.54 0.00	63.17 2.14 0.00	68.21 2.33 0.00	60.16 2.04 0.00	50.43 1.99 4.99	41.67 2.33 20.01	66.17 3.39 3.15	59.49 2.71 0.00	59.90 2.50 0.00	53.24 2.31 0.00	32.54 2.00 16.85	38.43 1.42 0.00	37.56 1.27 0.00
SHOEMAKR_138KV_BK 111 55601	38.22 0.98 0.00	40.91 0.96 0.00	46.53 0.95 0.00	43.14 0.93 0.00	44.46 0.98 0.00	43.75 1.03 0.00	60.04 1.54 0.00	59.59 1.99 0.00	74.33 2.28 0.22	62.42 2.02 2.59	59.54 2.07 1.92	71.27 2.52 0.00	63.15 2.12 0.00	68.20 2.32 0.00	60.15 2.03 0.00	50.51 1.98 4.90	42.00 2.31 19.65	66.21 3.38 3.10	59.48 2.70 0.00	59.89 2.49 0.00	53.22 2.29 0.00	32.82 1.99 16.55	38.42 1.41 0.00	37.56 1.27 0.00
SHOREHAM_IC_1 23715	39.96 2.72 0.00	42.64 2.69 0.00	48.26 2.68 0.00	44.80 2.59 0.00	46.14 2.66 0.00	45.73 3.01 0.00	62.30 3.80 0.00	62.02 4.42 0.00	77.38 4.94 -0.17	69.17 4.19 -2.00	65.62 4.76 -1.48	74.52 5.77 0.00	66.30 5.28 0.00	71.72 5.84 0.00	63.35 5.24 0.00	62.24 5.06 -3.75	79.89 5.51 -15.03	75.56 7.26 -2.37	62.97 6.19 0.00	63.74 6.34 0.00	56.46 5.53 0.00	64.49 4.57 -12.53	40.28 3.27 0.00	39.03 2.74 0.00
SHOREHAM_IC_2 23716	39.96 2.72 0.00	42.64 2.69 0.00	48.26 2.68 0.00	44.80 2.59 0.00	46.14 2.66 0.00	45.73 3.01 0.00	62.30 3.80 0.00	62.02 4.42 0.00	77.38 4.94 -0.17	69.17 4.19 -2.00	65.62 4.76 -1.48	74.52 5.77 0.00	66.30 5.28 0.00	71.72 5.84 0.00	63.35 5.24 0.00	62.24 5.06 -3.75	79.89 5.51 -15.03	75.56 7.26 -2.37	62.97 6.19 0.00	63.74 6.34 0.00	56.46 5.53 0.00	64.49 4.57 -12.53	40.28 3.27 0.00	39.03 2.74 0.00
SISSONVILLE___ 23735	37.29 0.05 0.00	40.23 0.28 0.00	46.03 0.45 0.00	42.56 0.34 0.00	43.17 -0.31 0.00	42.81 0.08 0.00	58.05 -0.45 0.00	56.98 -0.62 0.00	71.37 -0.90 0.00	62.00 -0.99 0.00	59.00 -0.39 0.00	67.71 -1.05 0.00	60.02 -1.01 0.00	63.36 -2.52 0.00	54.31 -3.81 0.00	50.26 -3.17 0.00	56.36 -2.99 0.00	62.06 -3.87 0.00	52.89 -3.89 0.00	53.39 -4.01 0.00	47.01 -3.92 0.00	43.37 -4.02 0.00	34.14 -2.87 0.00	34.34 -1.95 0.00
SITHE_IND_GS1 24169	35.65 -1.59 0.00	38.25 -1.71 0.00	43.65 -1.93 0.00	40.40 -1.81 0.00	41.67 -1.81 0.00	40.92 -1.80 0.00	56.14 -2.36 0.00	55.33 -2.27 0.00	69.44 -2.83 0.00	60.46 -2.53 0.00	56.97 -2.42 0.00	65.93 -2.83 0.00	58.51 -2.52 0.00	63.15 -2.73 0.00	55.84 -2.28 0.00	51.35 -2.08 0.00	57.06 -2.29 0.00	63.52 -2.41 0.00	54.56 -2.22 0.00	55.12 -2.28 0.00	48.87 -2.07 0.00	45.48 -1.92 0.00	35.52 -1.49 0.00	34.85 -1.44 0.00
SITHE_IND_GS2 24170	35.65 -1.59 0.00	38.25 -1.71 0.00	43.65 -1.93 0.00	40.40 -1.81 0.00	41.67 -1.81 0.00	40.92 -1.80 0.00	56.14 -2.36 0.00	55.33 -2.27 0.00	69.44 -2.83 0.00	60.46 -2.53 0.00	56.97 -2.42 0.00	65.93 -2.83 0.00	58.51 -2.52 0.00	63.15 -2.73 0.00	55.84 -2.28 0.00	51.35 -2.08 0.00	57.06 -2.29 0.00	63.52 -2.41 0.00	54.56 -2.22 0.00	55.12 -2.28 0.00	48.87 -2.07 0.00	45.48 -1.92 0.00	35.52 -1.49 0.00	34.85 -1.44 0.00
SITHE_IND_GS3 24171	35.65 -1.59 0.00	38.25 -1.71 0.00	43.65 -1.93 0.00	40.40 -1.81 0.00	41.67 -1.81 0.00	40.92 -1.80 0.00	56.14 -2.36 0.00	55.33 -2.27 0.00	69.44 -2.83 0.00	60.46 -2.53 0.00	56.97 -2.42 0.00	65.93 -2.83 0.00	58.51 -2.52 0.00	63.15 -2.73 0.00	55.84 -2.28 0.00	51.35 -2.08 0.00	57.06 -2.29 0.00	63.52 -2.41 0.00	54.56 -2.22 0.00	55.12 -2.28 0.00	48.87 -2.07 0.00	45.48 -1.92 0.00	35.52 -1.49 0.00	34.85 -1.44 0.00
SITHE_IND_GS4 24172	35.65 -1.59 0.00	38.25 -1.71 0.00	43.65 -1.93 0.00	40.40 -1.81 0.00	41.67 -1.81 0.00	40.92 -1.80 0.00	56.14 -2.36 0.00	55.33 -2.27 0.00	69.44 -2.83 0.00	60.46 -2.53 0.00	56.97 -2.42 0.00	65.93 -2.83 0.00	58.51 -2.52 0.00	63.15 -2.73 0.00	55.84 -2.28 0.00	51.35 -2.08 0.00	57.06 -2.29 0.00	63.52 -2.41 0.00	54.56 -2.22 0.00	55.12 -2.28 0.00	48.87 -2.07 0.00	45.48 -1.92 0.00	35.52 -1.49 0.00	34.85 -1.44 0.00

SITHE___BATAVIA 24024	36.06 -1.18 0.00	38.49 -1.47 0.00	44.17 -1.41 0.00	40.75 -1.47 0.00	42.20 -1.28 0.00	41.60 -1.13 0.00	57.04 -1.46 0.00	55.00 -1.77 0.83	53.62 -1.18 17.47	61.18 -1.81 0.00	57.75 -1.63 0.00	66.42 -2.33 0.00	58.89 -2.14 0.00	63.84 -2.04 0.00	56.68 -1.43 0.00	52.25 -1.18 0.00	58.07 -1.28 0.00	64.45 -1.49 0.00	54.94 -1.84 0.00	55.46 -1.95 0.00	48.95 -1.98 0.00	45.93 -1.46 0.00	36.13 -0.88 0.00	35.70 -0.60 0.00
SITHE___INDEPEND 23800	35.65 -1.59 0.00	38.25 -1.71 0.00	43.65 -1.93 0.00	40.39 -1.82 0.00	41.67 -1.81 0.00	40.92 -1.80 0.00	56.15 -2.36 0.00	55.33 -2.27 0.00	69.44 -2.83 0.00	60.46 -2.53 0.00	56.98 -2.41 0.00	65.93 -2.83 0.00	58.52 -2.51 0.00	63.15 -2.73 0.00	55.84 -2.28 0.00	51.35 -2.08 0.00	57.06 -2.29 0.00	63.52 -2.42 0.00	54.56 -2.22 0.00	55.12 -2.28 0.00	48.87 -2.06 0.00	45.48 -1.91 0.00	35.52 -1.49 0.00	34.85 -1.44 0.00
SITHE___MASSENA 23902	37.86 0.62 0.00	40.58 0.62 0.00	46.35 0.77 0.00	42.91 0.70 0.00	44.13 0.65 0.00	43.52 0.80 0.00	59.53 1.03 0.00	58.26 0.65 0.00	73.11 0.84 0.00	63.75 0.76 0.00	60.00 0.61 0.00	69.47 0.72 0.00	61.80 0.77 0.00	66.52 0.64 0.00	58.63 0.52 0.00	53.87 0.44 0.00	59.78 0.43 0.00	65.65 -0.28 0.00	56.64 -0.13 0.00	57.39 -0.01 0.00	50.87 -0.07 0.00	47.39 0.00 0.00	37.08 0.07 0.00	36.43 0.14 0.00
SITHE___OGDNSBRG 24021	38.66 1.42 0.00	41.67 1.72 0.00	47.65 2.07 0.00	44.03 1.82 0.00	44.72 1.24 0.00	44.33 1.61 0.00	60.40 1.90 0.00	59.29 1.68 0.00	74.29 2.02 0.00	64.35 1.36 0.00	61.08 1.69 0.00	69.20 0.45 0.00	61.22 0.19 0.00	63.88 -2.00 0.00	54.81 -3.30 0.00	51.88 -1.56 0.00	58.77 -0.58 0.00	64.95 -0.98 0.00	55.33 -1.45 0.00	55.83 -1.57 0.00	49.09 -1.84 0.00	45.16 -2.23 0.00	35.44 -1.57 0.00	35.59 -0.70 0.00
SITHE___STERLING 23777	37.79 0.56 0.00	40.68 0.72 0.00	46.50 0.92 0.00	43.01 0.79 0.00	44.50 1.02 0.00	43.74 1.02 0.00	60.32 1.82 0.00	59.48 1.88 0.00	74.54 2.27 0.00	64.94 1.96 0.00	61.12 1.73 0.00	70.67 1.92 0.00	62.62 1.60 0.00	67.61 1.73 0.00	59.71 1.60 0.00	54.91 1.48 0.00	60.99 1.64 0.00	67.74 1.81 0.00	58.11 1.33 0.00	58.62 1.21 0.00	51.92 0.98 0.00	48.23 0.84 0.00	37.58 0.58 0.00	36.77 0.48 0.00
SLEIGHT__34_KV_TB1 80719	35.88 -1.36 0.00	38.37 -1.59 0.00	43.86 -1.71 0.00	40.58 -1.63 0.00	41.96 -1.52 0.00	41.29 -1.44 0.00	56.75 -1.75 0.00	55.86 -1.75 0.00	70.42 -1.85 0.00	61.01 -1.98 0.00	57.56 -1.82 0.00	66.49 -2.26 0.00	59.01 -2.01 0.00	63.77 -2.11 0.00	56.53 -1.59 0.00	51.99 -1.44 0.00	57.81 -1.54 0.00	64.31 -1.63 0.00	55.10 -1.68 0.00	55.59 -1.81 0.00	49.17 -1.77 0.00	45.80 -1.59 0.00	35.88 -1.13 0.00	35.27 -1.02 0.00
SOUTH CAIRO___GT 23612	39.71 2.47 0.00	42.60 2.64 0.00	48.48 2.90 0.00	45.03 2.82 0.00	46.34 2.86 0.00	45.54 2.81 0.00	62.17 3.67 0.00	61.50 3.90 0.00	77.32 5.03 -0.02	67.44 4.18 -0.26	63.50 3.92 -0.19	73.37 4.61 0.00	65.17 4.15 0.00	70.62 4.74 0.00	62.16 4.04 0.00	57.81 3.95 -0.43	65.73 4.73 -1.65	72.04 5.85 -0.26	61.64 4.87 0.00	62.04 4.64 0.00	54.95 4.01 0.00	52.54 3.54 -1.60	39.74 2.73 0.00	38.89 2.60 0.00
SOUTH HAMPTN___IC 23720	40.18 2.95 0.00	42.92 2.96 0.00	48.58 3.01 0.00	45.10 2.88 0.00	46.43 2.95 0.00	46.03 3.31 0.00	62.54 4.04 0.00	62.19 4.58 0.00	77.68 5.25 -0.17	69.51 4.53 -2.00	66.05 5.19 -1.48	75.11 6.36 0.00	66.84 5.81 0.00	72.27 6.39 0.00	63.84 5.72 0.00	62.68 5.51 -3.75	80.38 6.00 -15.03	75.94 7.64 -2.37	63.21 6.43 0.00	64.03 6.63 0.00	56.63 5.70 0.00	64.58 4.66 -12.53	40.24 3.23 0.00	38.91 2.62 0.00
SOUTHDOW_115KV_TB1 355954	35.66 -1.58 0.00	38.25 -1.71 0.00	44.05 -1.53 0.00	40.67 -1.54 0.00	42.28 -1.20 0.00	41.93 -0.80 0.00	58.08 -0.43 0.00	57.11 -0.49 0.00	72.27 0.00 0.00	62.06 -0.93 0.00	58.83 -0.55 0.00	67.96 -0.80 0.00	60.08 -0.95 0.00	64.77 -1.10 0.00	57.84 -0.28 0.00	53.13 -0.30 0.00	58.59 -0.76 0.00	65.38 -0.55 0.00	55.46 -1.32 0.00	56.28 -1.12 0.00	49.84 -1.10 0.00	46.83 -0.56 0.00	37.05 0.05 0.00	36.61 0.32 0.00
SOUTHOLD_69_KV_BK 2 55809	40.57 3.33 0.00	43.36 3.40 0.00	49.10 3.52 0.00	45.58 3.37 0.00	46.89 3.41 0.00	46.47 3.75 0.00	62.90 4.40 0.00	62.36 4.75 0.00	78.21 5.77 -0.17	70.10 5.11 -2.00	66.79 5.92 -1.48	76.13 7.38 0.00	67.70 6.67 0.00	73.20 7.33 0.00	64.64 6.52 0.00	63.44 6.26 -3.75	81.23 6.85 -15.03	76.66 8.35 -2.37	63.60 6.82 0.00	64.53 7.13 0.00	56.91 5.98 0.00	64.67 4.75 -12.53	40.12 3.11 0.00	38.59 2.30 0.00
SOUTHOLD___IC 23719	40.57 3.33 0.00	43.36 3.41 0.00	49.10 3.53 0.00	45.58 3.36 0.00	46.89 3.41 0.00	46.47 3.75 0.00	62.90 4.40 0.00	62.35 4.75 0.00	78.20 5.76 -0.17	70.09 5.11 -2.00	66.79 5.93 -1.48	76.12 7.37 0.00	67.70 6.67 0.00	73.21 7.32 0.00	64.63 6.52 0.00	63.44 6.26 -3.75	81.23 6.85 -15.03	76.65 8.35 -2.37	63.60 6.82 0.00	64.54 7.13 0.00	56.91 5.98 0.00	64.68 4.76 -12.53	40.12 3.11 0.00	38.59 2.30 0.00
SOUTH_FORK_WT_PWR 323839	40.53 3.30 0.00	43.36 3.41 0.00	49.13 3.55 0.00	45.59 3.38 0.00	46.85 3.37 0.00	46.41 3.69 0.00	62.58 4.07 0.00	61.89 4.29 0.00	77.78 5.34 -0.17	69.83 4.85 -2.00	66.66 5.80 -1.48	76.12 7.37 0.00	67.69 6.66 0.00	73.15 7.27 0.00	64.57 6.46 0.00	63.43 6.25 -3.75	81.21 6.82 -15.03	76.33 8.03 -2.37	63.20 6.42 0.00	64.23 6.82 0.00	56.54 5.61 0.00	64.25 4.33 -12.53	39.67 2.66 0.00	38.04 1.74 0.00
SPIERFLS_115KV_TB 1 80737	39.27 2.03 0.00	42.10 2.14 0.00	47.86 2.28 0.00	44.38 2.16 0.00	45.62 2.15 0.00	44.80 2.07 0.00	61.46 2.96 0.00	60.67 3.06 0.00	76.18 3.88 -0.04	66.66 3.25 -0.42	63.02 3.32 -0.31	72.67 3.92 0.00	64.55 3.52 0.00	71.49 5.61 0.00	62.81 4.70 0.00	58.77 4.55 -0.79	67.87 5.35 -3.17	73.04 6.61 -0.50	62.39 5.61 0.00	62.98 5.58 0.00	55.76 4.82 0.00	54.25 4.22 -2.64	40.15 3.14 0.00	39.42 3.13 0.00
ST LAWRENCE____ 23600	37.49 0.25 0.00	40.19 0.23 0.00	45.91 0.33 0.00	42.50 0.29 0.00	43.69 0.21 0.00	43.09 0.36 0.00	58.94 0.44 0.00	57.69 0.08 0.00	72.42 0.15 0.00	63.17 0.18 0.00	59.46 0.07 0.00	68.85 0.09 0.00	61.24 0.21 0.00	65.91 0.03 0.00	58.07 -0.04 0.00	53.34 -0.09 0.00	59.22 -0.13 0.00	65.00 -0.93 0.00	56.11 -0.67 0.00	56.87 -0.53 0.00	50.41 -0.52 0.00	46.96 -0.43 0.00	36.74 -0.27 0.00	36.09 -0.20 0.00
STATE_CA_115KV_115_LB 55624	38.26 1.03 0.00	41.07 1.12 0.00	46.72 1.14 0.00	43.41 1.19 0.00	44.60 1.12 0.00	43.78 1.05 0.00	59.47 0.97 0.00	58.74 1.13 0.00	73.74 1.44 -0.04	64.62 1.20 -0.43	60.94 1.24 -0.32	70.29 1.54 0.00	62.32 1.29 0.00	67.54 1.66 0.00	59.42 1.30 0.00	55.56 1.32 -0.81	64.20 1.60 -3.24	68.77 2.32 -0.51	58.67 1.89 0.00	59.17 1.77 0.00	52.54 1.61 0.00	51.54 1.44 -2.70	38.24 1.23 0.00	37.48 1.19 0.00

STATE_ST_34_KV_LOAD 55959	36.90 -0.34 0.00	39.43 -0.53 0.00	45.02 -0.56 0.00	41.75 -0.46 0.00	43.24 -0.24 0.00	42.40 -0.32 0.00	58.24 -0.27 0.00	57.51 -0.09 0.00	72.11 -0.15 0.00	62.53 -0.45 0.00	59.01 -0.38 0.00	68.25 -0.50 0.00	60.36 -0.67 0.00	65.25 -0.63 0.00	58.06 -0.05 0.00	53.13 -0.30 0.00	59.12 -0.24 0.00	65.96 0.03 0.00	56.71 -0.07 0.00	57.29 -0.11 0.00	50.73 -0.20 0.00	47.05 -0.34 0.00	36.85 -0.16 0.00	36.16 -0.13 0.00
STATION 5_MISC_HYD 23604	35.62 -1.62 0.00	38.08 -1.88 0.00	43.61 -1.97 0.00	40.28 -1.94 0.00	41.59 -1.88 0.00	40.96 -1.77 0.00	56.17 -2.33 0.00	54.54 -2.51 0.56	58.01 -2.51 11.75	60.35 -2.64 0.00	56.96 -2.43 0.00	65.76 -2.99 0.00	58.39 -2.63 0.00	63.06 -2.82 0.00	55.86 -2.26 0.00	51.45 -1.98 0.00	57.19 -2.17 0.00	63.52 -2.42 0.00	54.30 -2.48 0.00	54.83 -2.57 0.00	48.48 -2.46 0.00	45.32 -2.07 0.00	35.57 -1.44 0.00	35.05 -1.24 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.98 -1.26 0.00	38.54 -1.42 0.00	44.11 -1.47 0.00	40.74 -1.48 0.00	42.23 -1.25 0.00	41.62 -1.10 0.00	57.27 -1.23 0.00	56.40 -1.21 0.00	71.08 -1.19 0.00	61.56 -1.44 0.00	58.07 -1.32 0.00	67.02 -1.74 0.00	59.53 -1.50 0.00	64.34 -1.53 0.00	57.02 -1.10 0.00	52.41 -1.02 0.00	58.30 -1.05 0.00	64.87 -1.07 0.00	55.50 -1.28 0.00	55.98 -1.42 0.00	49.50 -1.43 0.00	46.15 -1.24 0.00	36.15 -0.86 0.00	35.52 -0.77 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.47 -1.76 0.00	37.92 -2.03 0.00	43.43 -2.15 0.00	40.12 -2.09 0.00	41.46 -2.03 0.00	40.80 -1.92 0.00	55.98 -2.53 0.00	54.94 -2.66 0.00	69.49 -2.78 0.00	60.18 -2.81 0.00	56.79 -2.60 0.00	65.56 -3.19 0.00	58.23 -2.79 0.00	62.89 -2.99 0.00	55.70 -2.41 0.00	51.31 -2.12 0.00	57.02 -2.33 0.00	63.35 -2.59 0.00	54.17 -2.60 0.00	54.70 -2.70 0.00	48.36 -2.58 0.00	45.18 -2.21 0.00	35.45 -1.56 0.00	34.91 -1.38 0.00
STA_56___34_KV_BUS2 355983	35.47 -1.76 0.00	37.92 -2.03 0.00	43.43 -2.15 0.00	40.12 -2.09 0.00	41.46 -2.03 0.00	40.80 -1.92 0.00	55.98 -2.53 0.00	54.94 -2.66 0.00	69.49 -2.78 0.00	60.18 -2.81 0.00	56.79 -2.60 0.00	65.56 -3.19 0.00	58.23 -2.79 0.00	62.89 -2.99 0.00	55.70 -2.41 0.00	51.31 -2.12 0.00	57.02 -2.33 0.00	63.35 -2.59 0.00	54.17 -2.60 0.00	54.70 -2.70 0.00	48.36 -2.58 0.00	45.18 -2.21 0.00	35.45 -1.56 0.00	34.91 -1.38 0.00
STA_67___115KV_BK2 355882	35.54 -1.70 0.00	38.00 -1.96 0.00	43.52 -2.06 0.00	40.19 -2.02 0.00	41.51 -1.97 0.00	40.87 -1.86 0.00	56.03 -2.48 0.00	54.95 -2.65 0.00	69.54 -2.73 0.00	60.19 -2.80 0.00	56.82 -2.57 0.00	65.59 -3.16 0.00	58.24 -2.79 0.00	62.91 -2.98 0.00	55.72 -2.39 0.00	51.33 -2.11 0.00	57.03 -2.33 0.00	63.33 -2.60 0.00	54.17 -2.61 0.00	54.68 -2.72 0.00	48.36 -2.58 0.00	45.22 -2.18 0.00	35.50 -1.50 0.00	34.97 -1.32 0.00
STA_7___115KV_9TRANS 80674	35.78 -1.46 0.00	38.25 -1.71 0.00	43.80 -1.78 0.00	40.45 -1.76 0.00	41.78 -1.71 0.00	41.14 -1.58 0.00	56.43 -2.08 0.00	55.37 -2.24 0.00	70.11 -2.16 0.00	60.66 -2.33 0.00	57.26 -2.12 0.00	66.10 -2.65 0.00	58.68 -2.35 0.00	63.39 -2.49 0.00	56.17 -1.95 0.00	51.74 -1.69 0.00	57.50 -1.85 0.00	63.90 -2.03 0.00	54.63 -2.15 0.00	55.16 -2.24 0.00	48.75 -2.18 0.00	45.56 -1.83 0.00	35.75 -1.26 0.00	35.20 -1.09 0.00
STA_82___115KV_TB1 80780	35.55 -1.69 0.00	38.00 -1.96 0.00	43.52 -2.06 0.00	40.20 -2.01 0.00	41.54 -1.94 0.00	40.89 -1.84 0.00	56.07 -2.44 0.00	54.99 -2.61 0.00	69.60 -2.67 0.00	60.22 -2.77 0.00	56.85 -2.54 0.00	65.63 -3.13 0.00	58.26 -2.77 0.00	62.93 -2.95 0.00	55.75 -2.37 0.00	51.36 -2.07 0.00	57.06 -2.29 0.00	63.38 -2.55 0.00	54.19 -2.59 0.00	54.71 -2.69 0.00	48.38 -2.55 0.00	45.22 -2.17 0.00	35.51 -1.50 0.00	34.99 -1.30 0.00
STEEL___WIND 323596	35.49 -1.75 0.00	37.90 -2.06 0.00	43.61 -1.97 0.00	40.22 -2.00 0.00	41.68 -1.80 0.00	40.92 -1.80 0.00	56.10 -2.40 0.00	53.61 -2.78 1.21	44.33 -2.38 25.55	60.15 -2.84 0.00	56.80 -2.59 0.00	65.57 -3.18 0.00	58.18 -2.85 0.00	62.73 -3.15 0.00	55.68 -2.43 0.00	51.28 -2.15 0.00	56.89 -2.46 0.00	63.04 -2.89 0.00	53.64 -3.14 0.00	54.18 -3.22 0.00	47.81 -3.12 0.00	45.11 -2.28 0.00	35.68 -1.32 0.00	35.32 -0.97 0.00
STEPHTWN_115KV_BK_2 55603	38.53 1.29 0.00	41.28 1.33 0.00	46.81 1.23 0.00	43.60 1.39 0.00	44.83 1.35 0.00	44.08 1.36 0.00	60.12 1.62 0.00	59.30 1.70 0.00	74.45 2.14 -0.04	65.22 1.80 -0.44	61.56 1.85 -0.32	70.96 2.21 0.00	62.89 1.86 0.00	68.20 2.32 0.00	59.91 1.80 0.00	56.04 1.79 -0.82	64.82 2.18 -3.28	69.51 3.06 -0.52	59.31 2.53 0.00	59.84 2.43 0.00	53.08 2.15 0.00	52.09 1.96 -2.74	38.59 1.59 0.00	37.80 1.51 0.00
STEUBEN_REC_LFGE 323667	35.49 -1.74 0.00	38.70 -1.26 0.00	44.63 -0.96 0.00	41.44 -0.77 0.00	43.10 -0.39 0.00	42.09 -0.63 0.00	58.17 -0.34 0.00	57.59 -0.01 0.00	72.76 0.49 0.00	62.83 -0.17 0.00	58.98 -0.40 0.00	67.85 -0.90 0.00	59.82 -1.21 0.00	64.55 -1.33 0.00	56.59 -1.52 0.00	51.46 -1.97 0.00	57.20 -2.15 0.00	63.96 -1.97 0.00	54.22 -2.56 0.00	54.30 -3.11 0.00	47.33 -3.60 0.00	44.38 -3.01 0.00	35.01 -2.00 0.00	34.47 -1.82 0.00
STILLWATER___SOLAR 323814	39.39 2.15 0.00	42.24 2.28 0.00	47.99 2.41 0.00	44.54 2.33 0.00	45.83 2.35 0.00	45.02 2.30 0.00	61.69 3.19 0.00	60.83 3.23 0.00	76.36 4.06 -0.04	66.84 3.42 -0.43	63.13 3.42 -0.32	72.77 4.02 0.00	64.48 3.45 0.00	70.49 4.61 0.00	61.96 3.84 0.00	57.98 3.73 -0.82	66.98 4.35 -3.28	71.91 5.47 -0.52	61.37 4.59 0.00	61.95 4.54 0.00	54.90 3.96 0.00	53.62 3.50 -2.73	39.64 2.63 0.00	38.88 2.59 0.00
STONY___BROOK 24151	39.80 2.56 0.00	42.46 2.50 0.00	48.07 2.49 0.00	44.61 2.40 0.00	45.96 2.48 0.00	45.55 2.83 0.00	62.21 3.70 0.00	61.94 4.33 0.00	76.85 4.42 -0.17	68.68 3.69 -2.00	65.11 4.24 -1.48	73.95 5.20 0.00	66.07 5.05 0.00	71.44 5.56 0.00	63.09 4.98 0.00	61.98 4.80 -3.75	79.37 5.00 -15.03	75.07 6.76 -2.37	62.80 6.02 0.00	63.49 6.09 0.00	56.25 5.32 0.00	64.36 4.45 -12.53	40.19 3.18 0.00	39.02 2.73 0.00
STURGEON_POOL_HYD 23609	39.45 2.22 0.00	42.13 2.17 0.00	47.85 2.27 0.00	44.36 2.14 0.00	45.73 2.25 0.00	45.11 2.39 0.00	62.11 3.61 0.00	61.86 4.26 0.00	77.49 5.24 0.02	67.44 4.64 0.19	63.87 4.63 0.14	74.23 5.48 0.00	65.66 4.64 0.00	70.85 4.97 0.00	62.46 4.35 0.00	57.00 4.17 0.60	61.54 4.90 2.71	72.07 6.56 0.42	62.18 5.40 0.00	62.44 5.04 0.00	55.63 4.70 0.00	50.09 4.12 1.42	39.94 2.93 0.00	38.91 2.61 0.00
ST_LAW_115_BK7_LBMP 345037	37.49 0.25 0.00	40.18 0.23 0.00	45.90 0.32 0.00	42.49 0.28 0.00	43.69 0.21 0.00	43.09 0.36 0.00	58.94 0.44 0.00	57.68 0.08 0.00	72.40 0.13 0.00	63.15 0.16 0.00	59.46 0.07 0.00	68.83 0.07 0.00	61.21 0.19 0.00	65.89 0.01 0.00	58.06 -0.05 0.00	53.34 -0.09 0.00	59.19 -0.16 0.00	64.99 -0.94 0.00	56.09 -0.69 0.00	56.85 -0.55 0.00	50.40 -0.53 0.00	46.95 -0.44 0.00	36.74 -0.27 0.00	36.08 -0.21 0.00

ST_LAW_115_BK8_LBMP 345038	37.49 0.25 0.00	40.18 0.23 0.00	45.90 0.32 0.00	42.49 0.28 0.00	43.69 0.21 0.00	43.09 0.36 0.00	58.94 0.44 0.00	57.68 0.08 0.00	72.40 0.13 0.00	63.15 0.16 0.00	59.46 0.07 0.00	68.83 0.07 0.00	61.21 0.19 0.00	65.89 0.01 0.00	58.06 -0.05 0.00	53.34 -0.09 0.00	59.19 -0.16 0.00	64.99 -0.94 0.00	56.09 -0.69 0.00	56.85 -0.55 0.00	50.40 -0.53 0.00	46.95 -0.44 0.00	36.74 -0.27 0.00	36.08 -0.21 0.00
ST_LAW_230_BK5_LBMP 345035	37.49 0.25 0.00	40.19 0.23 0.00	45.91 0.33 0.00	42.50 0.29 0.00	43.69 0.21 0.00	43.09 0.36 0.00	58.94 0.44 0.00	57.69 0.08 0.00	72.42 0.15 0.00	63.17 0.18 0.00	59.46 0.07 0.00	68.85 0.09 0.00	61.24 0.21 0.00	65.91 0.03 0.00	58.07 -0.04 0.00	53.34 -0.09 0.00	59.22 -0.13 0.00	65.00 -0.93 0.00	56.11 -0.67 0.00	56.87 -0.53 0.00	50.41 -0.52 0.00	46.96 -0.43 0.00	36.74 -0.27 0.00	36.09 -0.20 0.00
ST_LAW_230_BK6_LBMP 345036	37.49 0.25 0.00	40.19 0.23 0.00	45.91 0.33 0.00	42.50 0.29 0.00	43.69 0.21 0.00	43.09 0.36 0.00	58.94 0.44 0.00	57.69 0.08 0.00	72.42 0.15 0.00	63.17 0.18 0.00	59.46 0.07 0.00	68.85 0.09 0.00	61.24 0.21 0.00	65.91 0.03 0.00	58.07 -0.04 0.00	53.34 -0.09 0.00	59.22 -0.13 0.00	65.00 -0.93 0.00	56.11 -0.67 0.00	56.87 -0.53 0.00	50.41 -0.52 0.00	46.96 -0.43 0.00	36.74 -0.27 0.00	36.09 -0.20 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.35 1.12 0.00	41.03 1.08 0.00	46.63 1.05 0.00	43.27 1.06 0.00	44.59 1.11 0.00	43.90 1.18 0.00	60.25 1.75 0.00	59.83 2.22 0.00	74.55 2.52 0.24	62.44 2.24 2.80	59.64 2.33 2.07	71.57 2.81 0.00	63.41 2.38 0.00	68.49 2.61 0.00	60.39 2.28 0.00	50.37 2.22 5.28	40.71 2.56 21.20	66.37 3.78 3.34	59.81 3.03 0.00	60.19 2.79 0.00	53.53 2.60 0.00	31.78 2.25 17.85	38.61 1.60 0.00	37.73 1.44 0.00
SWANROAD_115KV_TB1 355699	34.26 -2.97 0.00	36.60 -3.36 0.00	42.05 -3.53 0.00	38.77 -3.44 0.00	40.10 -3.38 0.00	39.45 -3.27 0.00	53.79 -4.72 0.00	52.27 -5.34 0.00	66.73 -5.54 0.00	57.43 -5.56 0.00	54.26 -5.13 0.00	62.61 -6.14 0.00	55.50 -5.52 0.00	59.84 -6.05 0.00	53.12 -4.99 0.00	49.07 -4.36 0.00	54.40 -4.95 0.00	60.08 -5.85 0.00	51.18 -5.59 0.00	51.73 -5.67 0.00	45.75 -5.19 0.00	43.15 -4.24 0.00	34.19 -2.82 0.00	33.98 -2.31 0.00
SYNERGY___BIOGAS 323694	36.06 -1.18 0.00	38.49 -1.47 0.00	44.17 -1.41 0.00	40.75 -1.47 0.00	42.20 -1.28 0.00	41.60 -1.13 0.00	57.04 -1.46 0.00	55.00 -1.77 0.83	53.62 -1.18 17.47	61.18 -1.81 0.00	57.75 -1.63 0.00	66.42 -2.33 0.00	58.89 -2.14 0.00	63.84 -2.04 0.00	56.68 -1.43 0.00	52.25 -1.18 0.00	58.07 -1.28 0.00	64.45 -1.49 0.00	54.94 -1.84 0.00	55.46 -1.95 0.00	48.95 -1.98 0.00	45.93 -1.46 0.00	36.13 -0.88 0.00	35.70 -0.60 0.00
SYRACUSE___ENERGY_ST1 323597	36.58 -0.65 0.00	39.21 -0.74 0.00	44.77 -0.81 0.00	41.43 -0.78 0.00	42.80 -0.68 0.00	42.03 -0.70 0.00	57.79 -0.71 0.00	57.04 -0.57 0.00	71.51 -0.76 0.00	62.21 -0.78 0.00	58.63 -0.76 0.00	67.81 -0.94 0.00	60.14 -0.88 0.00	64.96 -0.92 0.00	57.54 -0.57 0.00	52.88 -0.55 0.00	58.80 -0.55 0.00	65.53 -0.40 0.00	56.26 -0.52 0.00	56.82 -0.59 0.00	50.34 -0.60 0.00	46.81 -0.59 0.00	36.56 -0.45 0.00	35.83 -0.46 0.00
SYRACUSE___ENERGY_ST2 323598	36.58 -0.65 0.00	39.21 -0.74 0.00	44.77 -0.81 0.00	41.43 -0.78 0.00	42.80 -0.68 0.00	42.03 -0.70 0.00	57.79 -0.71 0.00	57.04 -0.57 0.00	71.51 -0.76 0.00	62.21 -0.78 0.00	58.63 -0.76 0.00	67.81 -0.94 0.00	60.14 -0.88 0.00	64.96 -0.92 0.00	57.54 -0.57 0.00	52.88 -0.55 0.00	58.80 -0.55 0.00	65.53 -0.40 0.00	56.26 -0.52 0.00	56.82 -0.59 0.00	50.34 -0.60 0.00	46.81 -0.59 0.00	36.56 -0.45 0.00	35.83 -0.46 0.00
SYRACUSE___POWER 24017	36.57 -0.67 0.00	39.22 -0.74 0.00	44.78 -0.80 0.00	41.40 -0.81 0.00	42.79 -0.69 0.00	42.00 -0.73 0.00	57.79 -0.71 0.00	57.04 -0.56 0.00	71.50 -0.76 0.00	62.25 -0.74 0.00	58.67 -0.72 0.00	67.85 -0.91 0.00	60.22 -0.80 0.00	65.02 -0.86 0.00	57.54 -0.57 0.00	52.90 -0.54 0.00	58.81 -0.54 0.00	65.57 -0.36 0.00	56.26 -0.52 0.00	56.81 -0.59 0.00	50.30 -0.63 0.00	46.81 -0.59 0.00	36.54 -0.47 0.00	35.81 -0.48 0.00
TALLMAN___138KV_BK151 55660	38.47 1.23 0.00	41.13 1.18 0.00	46.72 1.14 0.00	43.36 1.15 0.00	44.68 1.20 0.00	44.02 1.30 0.00	60.63 2.13 0.00	60.28 2.67 0.00	75.08 3.10 0.29	62.34 2.76 3.41	59.69 2.83 2.52	72.19 3.44 0.00	63.95 2.93 0.00	68.86 2.98 0.00	60.62 2.51 0.00	49.78 2.43 6.09	37.73 2.79 24.41	66.20 4.12 3.84	60.10 3.32 0.00	60.46 3.06 0.00	53.78 2.84 0.00	29.27 2.47 20.59	38.77 1.76 0.00	37.88 1.59 0.00
TEALLAVE_115KV_TB7 355573	36.34 -0.89 0.00	38.99 -0.97 0.00	44.51 -1.07 0.00	41.17 -1.05 0.00	42.53 -0.96 0.00	41.75 -0.97 0.00	57.41 -1.09 0.00	56.64 -0.96 0.00	71.07 -1.20 0.00	61.86 -1.13 0.00	58.30 -1.09 0.00	67.44 -1.31 0.00	59.85 -1.18 0.00	64.60 -1.27 0.00	57.15 -0.97 0.00	52.57 -0.86 0.00	58.44 -0.91 0.00	65.09 -0.84 0.00	55.86 -0.92 0.00	56.41 -1.00 0.00	49.95 -0.98 0.00	46.50 -0.90 0.00	36.30 -0.71 0.00	35.59 -0.70 0.00
TELGRAPH_34_KV_EAST 80808	35.31 -1.92 0.00	37.72 -2.24 0.00	43.32 -2.26 0.00	39.95 -2.27 0.00	41.34 -2.14 0.00	40.71 -2.02 0.00	55.68 -2.82 0.00	54.32 -3.29 0.00	69.28 -2.99 0.00	59.62 -3.37 0.00	56.33 -3.06 0.00	64.90 -3.85 0.00	57.53 -3.50 0.00	62.17 -3.71 0.00	55.19 -2.92 0.00	50.93 -2.50 0.00	56.50 -2.85 0.00	62.55 -3.38 0.00	53.29 -3.49 0.00	53.84 -3.56 0.00	47.57 -3.37 0.00	44.75 -2.64 0.00	35.32 -1.69 0.00	34.98 -1.31 0.00
TEMPLE___115KV_TB 2 55572	36.36 -0.88 0.00	39.00 -0.96 0.00	44.52 -1.05 0.00	41.17 -1.04 0.00	42.53 -0.95 0.00	41.76 -0.96 0.00	57.44 -1.06 0.00	56.67 -0.93 0.00	71.08 -1.19 0.00	61.88 -1.11 0.00	58.32 -1.07 0.00	67.45 -1.31 0.00	59.87 -1.16 0.00	64.66 -1.22 0.00	57.20 -0.92 0.00	52.60 -0.83 0.00	58.47 -0.88 0.00	65.14 -0.79 0.00	55.90 -0.88 0.00	56.43 -0.97 0.00	49.98 -0.95 0.00	46.52 -0.87 0.00	36.31 -0.69 0.00	35.61 -0.68 0.00
TIANA____69_KV_BK 1 55817	40.11 2.87 0.00	42.82 2.86 0.00	48.48 2.90 0.00	45.00 2.79 0.00	46.35 2.87 0.00	45.94 3.22 0.00	62.52 4.02 0.00	62.19 4.59 0.00	77.64 5.21 -0.17	69.43 4.45 -2.00	65.91 5.05 -1.48	74.94 6.18 0.00	66.67 5.64 0.00	72.11 6.23 0.00	63.69 5.57 0.00	62.56 5.38 -3.75	80.24 5.86 -15.03	75.84 7.54 -2.37	63.19 6.41 0.00	63.99 6.58 0.00	56.63 5.69 0.00	64.61 4.69 -12.53	40.30 3.29 0.00	39.01 2.72 0.00
TILDEN___115KV_TB1 80814	36.57 -0.67 0.00	39.22 -0.74 0.00	44.78 -0.80 0.00	41.40 -0.81 0.00	42.79 -0.69 0.00	42.00 -0.73 0.00	57.79 -0.71 0.00	57.04 -0.56 0.00	71.50 -0.76 0.00	62.25 -0.74 0.00	58.67 -0.72 0.00	67.85 -0.91 0.00	60.22 -0.80 0.00	65.02 -0.86 0.00	57.54 -0.57 0.00	52.90 -0.54 0.00	58.81 -0.54 0.00	65.57 -0.36 0.00	56.26 -0.52 0.00	56.81 -0.59 0.00	50.30 -0.63 0.00	46.81 -0.59 0.00	36.54 -0.47 0.00	35.81 -0.48 0.00

TRIGEN___CC 323695	39.25 2.01 0.00	41.93 1.98 0.00	47.53 1.95 0.00	44.10 1.88 0.00	45.42 1.94 0.00	44.88 2.16 0.00	61.37 2.86 0.00	61.04 3.44 0.00	76.33 3.89 -0.17	68.36 3.38 -2.00	64.55 3.68 -1.48	73.16 4.41 0.00	64.90 3.87 0.00	70.20 4.32 0.00	61.94 3.82 0.00	60.89 3.71 -3.75	78.42 4.05 -15.03	73.97 5.67 -2.37	61.52 4.74 0.00	62.05 4.65 0.00	55.12 4.19 0.00	63.56 3.64 -12.53	39.65 2.64 0.00	38.61 2.32 0.00
TRINITY___115KV___4 BK 55933	38.14 0.90 0.00	40.94 0.99 0.00	46.54 0.96 0.00	43.28 1.06 0.00	44.46 0.98 0.00	43.62 0.90 0.00	59.22 0.72 0.00	58.45 0.85 0.00	73.39 1.09 -0.04	64.34 0.91 -0.44	60.66 0.95 -0.32	69.97 1.21 0.00	62.01 0.99 0.00	67.20 1.32 0.00	59.11 1.00 0.00	55.31 1.06 -0.82	63.92 1.28 -3.30	68.43 1.97 -0.52	58.39 1.61 0.00	58.90 1.49 0.00	52.30 1.36 0.00	51.38 1.24 -2.75	38.09 1.08 0.00	37.35 1.05 0.00
UNION___PROCESSING_DRP 323587	35.55 -1.68 0.00	38.01 -1.95 0.00	43.53 -2.05 0.00	40.21 -2.01 0.00	41.54 -1.94 0.00	40.89 -1.83 0.00	56.07 -2.43 0.00	55.00 -2.60 0.00	69.61 -2.66 0.00	60.24 -2.75 0.00	56.86 -2.53 0.00	65.64 -3.12 0.00	58.28 -2.75 0.00	62.95 -2.93 0.00	55.76 -2.35 0.00	51.37 -2.06 0.00	57.08 -2.27 0.00	63.39 -2.54 0.00	54.20 -2.58 0.00	54.73 -2.67 0.00	48.40 -2.54 0.00	45.23 -2.16 0.00	35.51 -1.49 0.00	34.99 -1.30 0.00
UPPER HUDSON___HYD 24058	39.27 2.03 0.00	42.10 2.14 0.00	47.86 2.28 0.00	44.37 2.16 0.00	45.62 2.14 0.00	44.79 2.07 0.00	61.46 2.96 0.00	60.66 3.06 0.00	76.18 3.88 -0.04	66.66 3.25 -0.42	63.02 3.33 -0.31	72.67 3.92 0.00	64.54 3.52 0.00	71.49 5.60 0.00	62.81 4.70 0.00	58.77 4.54 -0.79	67.87 5.35 -3.17	73.04 6.61 -0.50	62.39 5.61 0.00	62.98 5.58 0.00	55.76 4.83 0.00	54.25 4.22 -2.64	40.15 3.14 0.00	39.41 3.12 0.00
UPPER RAQUET___HYD 24056	37.29 0.05 0.00	40.23 0.27 0.00	46.03 0.45 0.00	42.55 0.34 0.00	43.17 -0.31 0.00	42.81 0.08 0.00	58.05 -0.46 0.00	56.98 -0.62 0.00	71.37 -0.89 0.00	62.00 -0.99 0.00	59.00 -0.39 0.00	67.71 -1.05 0.00	60.02 -1.01 0.00	63.36 -2.52 0.00	54.31 -3.81 0.00	50.26 -3.17 0.00	56.36 -2.99 0.00	62.06 -3.87 0.00	52.89 -3.89 0.00	53.39 -4.01 0.00	47.01 -3.92 0.00	43.37 -4.02 0.00	34.14 -2.87 0.00	34.34 -1.95 0.00
VALLEY44_115KV_TB2 355964	36.57 -0.67 0.00	39.13 -0.83 0.00	44.99 -0.59 0.00	41.57 -0.64 0.00	43.16 -0.33 0.00	42.19 -0.54 0.00	57.79 -0.71 0.00	56.57 -1.04 0.00	71.53 -0.74 0.00	61.95 -1.04 0.00	58.89 -0.49 0.00	68.29 -0.46 0.00	60.64 -0.38 0.00	65.04 -0.84 0.00	57.70 -0.42 0.00	52.66 -0.77 0.00	57.94 -1.41 0.00	65.15 -0.78 0.00	55.57 -1.21 0.00	56.02 -1.38 0.00	49.33 -1.60 0.00	46.49 -0.90 0.00	36.82 -0.19 0.00	36.36 0.06 0.00
VALLEY___115KV_TB 1-4 80826	37.38 0.15 0.00	40.14 0.18 0.00	45.72 0.14 0.00	42.37 0.15 0.00	43.72 0.24 0.00	42.94 0.21 0.00	58.72 0.22 0.00	57.90 0.30 0.00	72.73 0.46 0.00	63.36 0.37 0.00	59.59 0.21 0.00	69.17 0.41 0.00	61.29 0.26 0.00	66.36 0.49 0.00	58.26 0.14 0.00	53.69 0.25 0.00	59.77 0.42 0.00	66.90 0.97 0.00	57.43 0.65 0.00	57.89 0.49 0.00	51.34 0.40 0.00	47.50 0.11 0.00	37.07 0.07 0.00	36.24 -0.05 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.75 1.51 0.00	41.60 1.65 0.00	47.51 1.93 0.00	43.93 1.71 0.00	45.35 1.87 0.00	44.51 1.79 0.00	61.19 2.68 0.00	60.60 3.00 0.00	75.81 3.57 0.03	65.60 2.92 0.31	61.84 2.68 0.23	71.87 3.11 0.00	63.75 2.73 0.00	68.80 2.92 0.00	60.81 2.70 0.00	55.29 2.45 0.59	59.81 2.84 2.38	69.11 3.53 0.36	59.73 2.95 0.00	60.23 2.83 0.00	53.36 2.43 0.00	47.99 2.13 1.53	38.55 1.54 0.00	37.72 1.43 0.00
VISCHER___FERRY HYD 24020	38.82 1.58 0.00	41.62 1.66 0.00	47.28 1.70 0.00	43.94 1.73 0.00	45.14 1.66 0.00	44.37 1.65 0.00	60.55 2.04 0.00	59.69 2.08 0.00	75.00 2.69 -0.04	65.70 2.26 -0.45	61.99 2.27 -0.34	71.46 2.71 0.00	63.29 2.26 0.00	68.79 2.91 0.00	60.45 2.33 0.00	56.60 2.32 -0.86	65.50 2.70 -3.44	70.07 3.60 -0.54	59.79 3.01 0.00	60.34 2.94 0.00	53.56 2.63 0.00	52.57 2.32 -2.86	38.78 1.77 0.00	38.04 1.75 0.00
V_A_10_SYNC_DSASP 323832	34.62 -2.62 0.00	37.00 -2.96 0.00	42.46 -3.12 0.00	39.19 -3.02 0.00	40.51 -2.97 0.00	39.86 -2.87 0.00	54.43 -4.07 0.00	52.23 -4.47 0.91	48.37 -4.76 19.14	58.29 -4.70 0.00	55.07 -4.31 0.00	63.62 -5.14 0.00	56.50 -4.53 0.00	60.89 -4.99 0.00	53.98 -4.14 0.00	49.71 -3.72 0.00	55.15 -4.20 0.00	61.15 -4.78 0.00	52.17 -4.61 0.00	52.72 -4.68 0.00	46.61 -4.32 0.00	43.79 -3.60 0.00	34.57 -2.44 0.00	34.21 -2.08 0.00
V_CMM_10_SYNC_DSASP 323787	37.78 0.54 0.00	40.50 0.54 0.00	46.26 0.68 0.00	42.83 0.62 0.00	44.04 0.56 0.00	43.43 0.71 0.00	59.41 0.90 0.00	58.15 0.54 0.00	73.00 0.73 0.00	63.66 0.67 0.00	59.93 0.54 0.00	69.37 0.62 0.00	61.69 0.66 0.00	66.40 0.52 0.00	58.53 0.41 0.00	53.77 0.34 0.00	59.68 0.33 0.00	65.53 -0.41 0.00	56.55 -0.23 0.00	57.30 -0.10 0.00	50.79 -0.14 0.00	47.31 -0.09 0.00	37.02 0.02 0.00	36.36 0.07 0.00
V_CMP_10_SYNC_DSASP 323788	37.70 0.46 0.00	40.46 0.50 0.00	46.24 0.65 0.00	42.78 0.56 0.00	43.76 0.28 0.00	43.48 0.76 0.00	59.85 1.34 0.00	58.72 1.12 0.00	73.96 1.70 0.00	64.11 1.12 0.00	60.53 1.14 0.00	70.33 1.58 0.00	62.58 1.56 0.00	67.49 1.61 0.00	59.25 1.14 0.00	54.23 0.80 0.00	60.21 0.86 0.00	66.23 0.30 0.00	56.31 -0.47 0.00	56.96 -0.45 0.00	50.18 -0.75 0.00	46.56 -0.83 0.00	36.23 -0.78 0.00	35.61 -0.68 0.00
V_D_10_SYNC_DSASP 323841	37.86 0.62 0.00	40.58 0.62 0.00	46.35 0.77 0.00	42.91 0.70 0.00	44.13 0.65 0.00	43.52 0.80 0.00	59.53 1.03 0.00	58.26 0.65 0.00	73.11 0.84 0.00	63.75 0.76 0.00	60.00 0.61 0.00	69.47 0.72 0.00	61.80 0.77 0.00	66.52 0.64 0.00	58.63 0.52 0.00	53.87 0.44 0.00	59.78 0.43 0.00	65.65 -0.28 0.00	56.64 -0.13 0.00	57.39 -0.01 0.00	50.87 -0.07 0.00	47.39 0.00 0.00	37.08 0.07 0.00	36.43 0.14 0.00
V_E_10_SYNC_DSASP 323830	39.78 2.55 0.00	42.63 2.67 0.00	48.77 3.19 0.00	44.90 2.69 0.00	46.68 3.20 0.00	45.73 3.00 0.00	63.99 5.49 0.00	68.00 10.16 -0.24	86.84 10.20 -4.37	70.48 7.96 0.47	65.72 6.68 0.35	76.51 7.76 0.00	68.10 7.07 0.00	72.67 6.79 0.00	64.59 6.47 0.00	58.34 5.80 0.90	62.19 6.43 3.59	69.68 4.16 0.41	61.82 5.04 0.00	60.72 3.32 0.00	53.65 2.72 0.00	48.50 2.23 1.12	38.44 1.43 0.00	37.54 1.25 0.00
V_F_30_NSYNC___DSASP 323816	39.45 2.21 0.00	42.32 2.36 0.00	48.08 2.50 0.00	44.62 2.41 0.00	45.91 2.43 0.00	45.11 2.39 0.00	61.82 3.32 0.00	60.97 3.36 0.00	76.53 4.22 -0.04	66.98 3.56 -0.43	63.28 3.58 -0.32	72.94 4.19 0.00	64.64 3.61 0.00	70.65 4.77 0.00	62.13 4.01 0.00	58.10 3.86 -0.81	67.12 4.51 -3.26	72.09 5.65 -0.51	61.53 4.75 0.00	62.11 4.70 0.00	55.02 4.08 0.00	53.73 3.63 -2.71	39.72 2.71 0.00	38.95 2.66 0.00

V_F_30_SYNC_DSASP 323786	38.26 1.03 0.00	41.07 1.11 0.00	46.72 1.14 0.00	43.40 1.19 0.00	44.60 1.12 0.00	43.77 1.04 0.00	59.47 0.96 0.00	58.73 1.12 0.00	73.74 1.43 -0.04	64.62 1.20 -0.43	60.94 1.23 -0.32	70.29 1.54 0.00	62.31 1.28 0.00	67.52 1.64 0.00	59.42 1.30 0.00	55.56 1.32 -0.81	64.19 1.59 -3.25	68.76 2.32 -0.51	58.67 1.89 0.00	59.17 1.77 0.00	52.54 1.61 0.00	51.54 1.44 -2.71	38.24 1.23 0.00	37.47 1.18 0.00
V_XM_10_SYNC_DSASP 323789	37.70 0.46 0.00	40.46 0.50 0.00	46.24 0.65 0.00	42.78 0.56 0.00	43.76 0.28 0.00	43.48 0.76 0.00	59.85 1.34 0.00	58.72 1.12 0.00	73.96 1.70 0.00	64.11 1.12 0.00	60.53 1.14 0.00	70.33 1.58 0.00	62.58 1.56 0.00	67.49 1.61 0.00	59.25 1.14 0.00	54.23 0.80 0.00	60.21 0.86 0.00	66.23 0.30 0.00	56.31 -0.47 0.00	56.96 -0.45 0.00	50.18 -0.75 0.00	46.56 -0.83 0.00	36.23 -0.78 0.00	35.61 -0.68 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.63 1.39 0.00	41.30 1.35 0.00	46.92 1.34 0.00	43.54 1.33 0.00	44.86 1.38 0.00	44.21 1.48 0.00	60.66 2.15 0.00	60.26 2.65 0.00	75.03 3.05 0.29	62.32 2.72 3.39	59.67 2.79 2.51	72.15 3.40 0.00	63.91 2.88 0.00	69.10 3.22 0.00	60.93 2.81 0.00	49.89 2.73 6.27	37.34 3.13 25.14	66.45 4.47 3.96	60.39 3.61 0.00	60.78 3.38 0.00	54.05 3.12 0.00	28.91 2.73 21.21	38.95 1.94 0.00	38.05 1.76 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.05 1.82 0.00	41.73 1.77 0.00	47.34 1.76 0.00	43.91 1.70 0.00	45.22 1.74 0.00	44.60 1.88 0.00	61.19 2.69 0.00	60.89 3.29 0.00	76.40 3.97 -0.17	68.54 3.55 -2.00	64.44 3.57 -1.48	73.08 4.32 0.00	64.73 3.71 0.00	70.03 4.15 0.00	61.74 3.62 0.00	60.72 3.52 -3.76	78.41 3.98 -15.08	73.74 5.43 -2.38	61.19 4.41 0.00	61.53 4.13 0.00	54.75 3.82 0.00	63.37 3.40 -12.57	39.47 2.46 0.00	38.51 2.21 0.00
W50THST__13_KV_LOAD 356117	39.22 1.99 0.00	41.92 1.96 0.00	47.55 1.96 0.00	44.09 1.88 0.00	45.43 1.95 0.00	44.81 2.09 0.00	61.51 3.00 0.00	61.25 3.64 0.00	76.90 4.46 -0.17	68.98 3.99 -2.00	64.86 3.99 -1.48	73.56 4.80 0.00	65.17 4.14 0.00	70.49 4.61 0.00	62.16 4.04 0.00	61.11 3.92 -3.76	78.86 4.42 -15.08	74.22 5.91 -2.38	61.56 4.79 0.00	61.89 4.48 0.00	55.05 4.12 0.00	63.64 3.67 -12.57	39.67 2.66 0.00	38.68 2.39 0.00
WADING RIVER_IC_1 23522	39.98 2.74 0.00	42.67 2.71 0.00	48.29 2.71 0.00	44.83 2.61 0.00	46.17 2.69 0.00	45.77 3.05 0.00	62.33 3.82 0.00	62.04 4.43 0.00	77.36 4.92 -0.17	69.16 4.17 -2.00	65.62 4.76 -1.48	74.55 5.80 0.00	66.36 5.34 0.00	71.78 5.90 0.00	63.39 5.28 0.00	62.26 5.08 -3.75	79.91 5.53 -15.03	75.56 7.26 -2.37	63.00 6.22 0.00	63.79 6.39 0.00	56.49 5.55 0.00	64.51 4.59 -12.53	40.28 3.27 0.00	39.03 2.74 0.00
WADING RIVER_IC_2 23547	39.98 2.74 0.00	42.67 2.71 0.00	48.29 2.71 0.00	44.83 2.61 0.00	46.17 2.69 0.00	45.77 3.05 0.00	62.33 3.82 0.00	62.04 4.43 0.00	77.36 4.92 -0.17	69.16 4.17 -2.00	65.62 4.76 -1.48	74.55 5.80 0.00	66.36 5.34 0.00	71.78 5.90 0.00	63.39 5.28 0.00	62.26 5.08 -3.75	79.91 5.53 -15.03	75.56 7.26 -2.37	63.00 6.22 0.00	63.79 6.39 0.00	56.49 5.55 0.00	64.51 4.59 -12.53	40.28 3.27 0.00	39.03 2.74 0.00
WADING RIVER_IC_3 23601	39.98 2.74 0.00	42.67 2.71 0.00	48.29 2.71 0.00	44.83 2.61 0.00	46.17 2.69 0.00	45.77 3.05 0.00	62.33 3.82 0.00	62.04 4.43 0.00	77.36 4.92 -0.17	69.16 4.17 -2.00	65.62 4.76 -1.48	74.55 5.80 0.00	66.36 5.34 0.00	71.78 5.90 0.00	63.39 5.28 0.00	62.26 5.08 -3.75	79.91 5.53 -15.03	75.56 7.26 -2.37	63.00 6.22 0.00	63.79 6.39 0.00	56.49 5.55 0.00	64.51 4.59 -12.53	40.28 3.27 0.00	39.03 2.74 0.00
WALDENNY_12_KV_BK2 80841	35.49 -1.74 0.00	37.91 -2.05 0.00	43.60 -1.98 0.00	40.20 -2.01 0.00	41.64 -1.84 0.00	40.93 -1.79 0.00	56.09 -2.41 0.00	54.77 -2.84 0.00	69.82 -2.45 0.00	60.12 -2.87 0.00	56.82 -2.57 0.00	65.56 -3.19 0.00	58.15 -2.88 0.00	62.69 -3.19 0.00	55.67 -2.44 0.00	51.29 -2.14 0.00	56.88 -2.48 0.00	62.98 -2.95 0.00	53.60 -3.18 0.00	54.16 -3.24 0.00	47.82 -3.11 0.00	45.07 -2.32 0.00	35.64 -1.36 0.00	35.30 -0.99 0.00
WALDEN__HYDRO 24148	38.71 1.47 0.00	41.39 1.43 0.00	47.04 1.46 0.00	43.62 1.41 0.00	44.96 1.48 0.00	44.29 1.57 0.00	60.84 2.34 0.00	60.45 2.84 0.00	75.55 3.37 0.09	64.88 2.98 1.09	61.58 3.00 0.81	72.33 3.58 0.00	64.02 3.00 0.00	69.10 3.22 0.00	60.93 2.81 0.00	53.96 2.74 2.20	53.54 3.21 9.02	69.08 4.56 1.42	60.50 3.72 0.00	60.83 3.43 0.00	54.18 3.25 0.00	43.20 2.84 7.03	39.03 2.02 0.00	38.11 1.82 0.00
WARRENSBURG____ 23737	39.27 2.03 0.00	42.10 2.14 0.00	47.86 2.28 0.00	44.37 2.16 0.00	45.62 2.14 0.00	44.79 2.07 0.00	61.46 2.96 0.00	60.66 3.06 0.00	76.18 3.88 -0.04	66.66 3.25 -0.42	63.02 3.33 -0.31	72.67 3.92 0.00	64.54 3.52 0.00	71.49 5.60 0.00	62.81 4.70 0.00	58.77 4.54 -0.79	67.87 5.35 -3.17	73.04 6.61 -0.50	62.39 5.61 0.00	62.98 5.58 0.00	55.76 4.83 0.00	54.25 4.22 -2.64	40.15 3.14 0.00	39.41 3.12 0.00
WATERSIDE____6 8 9 23538	39.05 1.81 0.00	41.72 1.76 0.00	47.35 1.77 0.00	43.91 1.70 0.00	45.21 1.73 0.00	44.59 1.87 0.00	61.17 2.67 0.00	60.88 3.27 0.00	76.38 3.94 -0.17	68.44 3.46 -2.00	64.36 3.50 -1.48	72.97 4.22 0.00	64.64 3.61 0.00	69.94 4.06 0.00	61.64 3.53 0.00	60.63 3.44 -3.75	78.27 3.87 -15.05	73.64 5.34 -2.37	61.10 4.32 0.00	61.47 4.07 0.00	54.71 3.78 0.00	63.32 3.37 -12.55	39.43 2.43 0.00	38.47 2.18 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.43 0.19 0.00	40.18 0.22 0.00	45.76 0.18 0.00	42.39 0.18 0.00	43.70 0.22 0.00	42.91 0.19 0.00	58.73 0.23 0.00	57.97 0.36 0.00	72.76 0.49 0.00	63.36 0.37 0.00	59.71 0.32 0.00	69.22 0.46 0.00	61.36 0.33 0.00	66.45 0.57 0.00	58.48 0.37 0.00	53.84 0.41 0.00	59.92 0.57 0.00	67.00 1.07 0.00	57.59 0.81 0.00	58.09 0.68 0.00	51.57 0.63 0.00	47.81 0.41 0.00	37.27 0.27 0.00	36.48 0.19 0.00
WATSON__69_KV_BK 1 55734	40.08 2.84 0.00	42.74 2.79 0.00	48.41 2.83 0.00	44.92 2.71 0.00	46.28 2.80 0.00	45.87 3.15 0.00	62.64 4.13 0.00	62.41 4.81 0.00	77.83 5.39 -0.17	69.30 4.32 -2.00	65.83 4.96 -1.48	74.69 5.94 0.00	66.40 5.37 0.00	71.80 5.92 0.00	63.36 5.25 0.00	62.14 4.96 -3.75	79.78 5.40 -15.03	75.51 7.21 -2.37	63.03 6.25 0.00	63.89 6.49 0.00	56.67 5.74 0.00	64.79 4.87 -12.53	40.53 3.52 0.00	39.38 3.09 0.00
WDELAWARE__HYD 323627	39.33 2.09 0.00	42.05 2.09 0.00	47.80 2.22 0.00	44.33 2.12 0.00	45.71 2.23 0.00	45.05 2.33 0.00	62.00 3.49 0.00	61.61 4.00 0.00	77.18 4.98 0.07	66.51 4.38 0.86	63.05 4.30 0.63	73.78 5.03 0.00	65.38 4.35 0.00	70.53 4.65 0.00	62.22 4.11 0.00	55.52 3.87 1.79	56.55 4.57 7.37	70.79 6.02 1.16	61.73 4.95 0.00	62.05 4.64 0.00	55.15 4.22 0.00	45.17 3.70 5.93	39.67 2.66 0.00	38.69 2.40 0.00

WEST BABYLON___IC 23714	39.96 2.73 0.00	42.62 2.66 0.00	48.28 2.70 0.00	44.79 2.58 0.00	46.14 2.66 0.00	45.71 2.99 0.00	62.42 3.91 0.00	62.18 4.57 0.00	77.58 5.14 -0.17	69.20 4.21 -2.00	65.63 4.77 -1.48	74.44 5.69 0.00	66.13 5.10 0.00	71.52 5.64 0.00	63.12 5.00 0.00	61.95 4.77 -3.75	79.57 5.19 -15.03	75.30 7.00 -2.37	62.78 6.00 0.00	63.55 6.15 0.00	56.39 5.46 0.00	64.59 4.67 -12.53	40.39 3.38 0.00	39.27 2.98 0.00
WEST CANADA___HYD 24049	37.27 0.04 0.00	40.01 0.05 0.00	45.63 0.05 0.00	42.27 0.06 0.00	43.56 0.08 0.00	42.76 0.03 0.00	58.52 0.01 0.00	57.72 0.11 0.00	72.35 0.08 0.00	63.11 0.12 0.00	59.51 0.12 0.00	68.90 0.15 0.00	61.15 0.12 0.00	66.05 0.17 0.00	58.23 0.12 0.00	53.54 0.11 0.00	59.48 0.12 0.00	66.25 0.32 0.00	56.99 0.21 0.00	57.58 0.17 0.00	51.09 0.15 0.00	47.53 0.13 0.00	37.08 0.07 0.00	36.35 0.06 0.00
WESTERN_NY_WIND 24143	36.01 -1.22 0.00	38.45 -1.51 0.00	44.11 -1.46 0.00	40.71 -1.51 0.00	42.15 -1.33 0.00	41.55 -1.18 0.00	56.96 -1.55 0.00	55.74 -1.86 0.00	70.96 -1.31 0.00	61.10 -1.89 0.00	57.67 -1.72 0.00	66.34 -2.41 0.00	58.78 -2.24 0.00	63.74 -2.14 0.00	56.59 -1.52 0.00	52.20 -1.23 0.00	57.99 -1.37 0.00	64.31 -1.62 0.00	54.85 -1.93 0.00	55.36 -2.04 0.00	48.86 -2.08 0.00	45.86 -1.53 0.00	36.09 -0.92 0.00	35.66 -0.64 0.00
WESTOVER___LESR 323668	36.86 -0.37 0.00	39.65 -0.31 0.00	45.36 -0.22 0.00	41.76 -0.45 0.00	43.30 -0.18 0.00	42.21 -0.52 0.00	58.27 -0.23 0.00	57.72 0.11 0.00	71.98 -0.27 0.02	62.53 -0.23 0.23	59.07 -0.15 0.17	68.58 -0.17 0.00	60.80 -0.22 0.00	65.48 -0.40 0.00	58.04 -0.07 0.00	52.72 -0.28 0.43	57.40 -0.23 1.72	65.85 0.18 0.27	56.64 -0.13 0.00	57.16 -0.24 0.00	50.56 -0.37 0.00	45.91 -0.30 1.19	36.75 -0.26 0.00	36.03 -0.26 0.00
WETHRSFD_WT_PWR 323626	34.98 -2.26 0.00	37.59 -2.37 0.00	43.21 -2.37 0.00	39.95 -2.26 0.00	41.52 -1.96 0.00	40.65 -2.08 0.00	55.97 -2.54 0.00	54.64 -2.64 0.32	62.91 -2.49 6.87	60.16 -2.83 0.00	56.66 -2.72 0.00	65.53 -3.23 0.00	58.05 -2.98 0.00	62.38 -3.50 0.00	55.33 -2.79 0.00	50.78 -2.65 0.00	56.37 -2.98 0.00	62.55 -3.38 0.00	53.04 -3.73 0.00	53.28 -4.12 0.00	46.97 -3.97 0.00	44.42 -2.97 0.00	35.14 -1.87 0.00	34.74 -1.55 0.00
WHAVSTOR_138KV_BK127 55557	38.46 1.23 0.00	41.12 1.16 0.00	46.70 1.12 0.00	43.35 1.14 0.00	44.66 1.18 0.00	44.00 1.28 0.00	60.32 1.82 0.00	59.93 2.32 0.00	74.60 2.62 0.29	61.92 2.34 3.42	59.28 2.42 2.53	71.72 2.96 0.00	63.54 2.51 0.00	68.71 2.83 0.00	60.60 2.48 0.00	49.54 2.41 6.31	36.84 2.78 25.28	66.03 4.08 3.98	60.06 3.28 0.00	60.44 3.03 0.00	53.76 2.83 0.00	28.51 2.46 21.34	38.76 1.75 0.00	37.87 1.58 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.46 1.23 0.00	41.12 1.16 0.00	46.70 1.12 0.00	43.35 1.14 0.00	44.66 1.18 0.00	44.00 1.28 0.00	60.32 1.82 0.00	59.93 2.32 0.00	74.60 2.62 0.29	61.92 2.34 3.42	59.28 2.42 2.53	71.72 2.96 0.00	63.54 2.51 0.00	68.71 2.83 0.00	60.60 2.48 0.00	49.54 2.41 6.31	36.84 2.78 25.28	66.03 4.08 3.98	60.06 3.28 0.00	60.44 3.03 0.00	53.76 2.83 0.00	28.51 2.46 21.34	38.76 1.75 0.00	37.87 1.58 0.00
WHITEHAL_115KV_TB1 80871	40.58 3.34 0.00	43.36 3.41 0.00	49.05 3.47 0.00	45.70 3.49 0.00	46.76 3.28 0.00	46.02 3.29 0.00	63.41 4.90 0.00	62.42 4.82 0.00	78.54 6.23 -0.04	68.66 5.25 -0.42	65.19 5.49 -0.31	75.23 6.48 0.00	66.51 5.48 0.00	72.74 6.86 0.00	63.59 5.48 0.00	59.69 5.46 -0.80	69.17 6.63 -3.19	74.72 8.28 -0.51	63.91 7.13 0.00	64.67 7.26 0.00	57.04 6.10 0.00	55.35 5.30 -2.66	41.01 4.00 0.00	40.57 4.28 0.00
WHITEPLN_13_KV_LOAD 356215	39.16 1.93 0.00	41.84 1.88 0.00	47.50 1.92 0.00	44.06 1.85 0.00	45.39 1.91 0.00	44.76 2.04 0.00	61.45 2.95 0.00	61.10 3.50 0.00	76.66 4.22 -0.17	68.77 3.72 -2.06	64.68 3.78 -1.52	73.29 4.53 0.00	64.94 3.91 0.00	70.23 4.35 0.00	61.91 3.80 0.00	60.96 3.67 -3.87	79.05 4.20 -15.49	74.06 5.68 -2.44	61.41 4.63 0.00	61.78 4.38 0.00	54.93 3.99 0.00	63.84 3.53 -12.92	39.55 2.54 0.00	38.59 2.30 0.00
WM_FLOYD_69_KV_BK2 356380	39.89 2.66 0.00	42.57 2.61 0.00	48.19 2.61 0.00	44.72 2.51 0.00	46.08 2.59 0.00	45.67 2.95 0.00	62.24 3.73 0.00	61.96 4.35 0.00	77.26 4.82 -0.17	69.06 4.08 -2.00	65.49 4.63 -1.48	74.38 5.62 0.00	66.19 5.16 0.00	71.59 5.70 0.00	63.21 5.10 0.00	62.10 4.92 -3.75	79.72 5.34 -15.03	75.38 7.08 -2.37	62.86 6.08 0.00	63.61 6.21 0.00	56.36 5.43 0.00	64.42 4.50 -12.53	40.24 3.23 0.00	39.03 2.74 0.00
WOODARD___115KV_TB2 355635	36.29 -0.95 0.00	38.93 -1.03 0.00	44.44 -1.14 0.00	41.10 -1.11 0.00	42.46 -1.02 0.00	41.70 -1.03 0.00	57.30 -1.20 0.00	56.53 -1.07 0.00	70.92 -1.35 0.00	61.74 -1.25 0.00	58.18 -1.21 0.00	67.30 -1.45 0.00	59.72 -1.31 0.00	64.47 -1.41 0.00	57.03 -1.08 0.00	52.45 -0.98 0.00	58.31 -1.05 0.00	64.96 -0.98 0.00	55.76 -1.02 0.00	56.30 -1.11 0.00	49.89 -1.04 0.00	46.41 -0.98 0.00	36.24 -0.77 0.00	35.53 -0.76 0.00
YORK___WARBASSE 23770	39.28 2.04 0.00	41.97 2.01 0.00	47.62 2.04 0.00	44.17 1.96 0.00	45.46 1.98 0.00	44.82 2.10 0.00	61.49 2.99 0.00	61.15 3.54 0.00	76.66 4.22 -0.17	68.69 3.70 -2.00	64.60 3.74 -1.48	73.25 4.50 0.00	64.90 3.87 0.00	70.22 4.34 0.00	61.89 3.78 0.00	60.89 3.71 -3.75	78.59 4.19 -15.05	74.01 5.71 -2.37	61.41 4.63 0.00	61.78 4.38 0.00	55.02 4.09 0.00	63.61 3.67 -12.55	39.66 2.66 0.00	38.70 2.41 0.00