

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion									
Generator Data		07/14/2024																													
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	EDT	33.27	31.16	28.27	27.18	26.70	26.29	26.20	26.96	28.49	31.21	35.09	39.43	43.52	45.32	49.26	59.25	64.67	74.71	80.16	72.72	59.78	48.31	42.20	38.56						
		2.80	2.52	2.31	2.15	2.09	2.04	2.14	2.29	2.66	2.96	3.56	3.78	3.66	3.51	4.02	4.89	5.17	5.85	5.80	4.89	4.11	3.62	3.63	3.41						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.00	0.00	0.00						
74TH STREET_GT_1 24260	EDT	33.27	31.16	28.27	27.18	26.70	26.33	26.20	26.94	28.49	31.21	35.09	39.43	43.56	45.57	49.12	59.31	64.67	74.64	80.00	72.65	59.78	48.22	42.24	38.60						
		2.80	2.52	2.31	2.15	2.09	2.09	2.14	2.27	2.66	2.97	3.56	3.78	3.71	3.76	3.89	4.95	5.18	5.78	5.65	4.82	4.11	3.53	3.66	3.44						
		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	-0.11	0.00	0.00	0.00						
74TH STREET_GT_2 24261	EDT	33.27	31.16	28.27	27.18	26.70	26.33	26.20	26.94	28.49	31.21	35.09	39.43	43.56	45.57	49.12	59.31	64.67	74.64	80.00	72.65	59.78	48.22	42.24	38.60						
		2.80	2.52	2.31	2.15	2.09	2.09	2.14	2.27	2.66	2.97	3.56	3.78	3.71	3.76	3.89	4.95	5.18	5.78	5.65	4.82	4.11	3.53	3.66	3.44						
		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	-0.11	0.00	0.00	0.00						
ADK HUDSON___FALLS 24011	EDT	32.39	30.50	27.65	26.63	26.11	25.75	25.48	25.97	27.33	29.71	32.98	37.36	41.96	43.94	47.59	57.78	63.42	73.61	80.52	73.94	62.01	48.76	41.43	37.58						
		1.92	1.86	1.69	1.60	1.50	1.50	1.42	1.31	1.50	1.47	1.45	1.71	2.11	2.13	2.35	3.42	3.93	4.75	6.17	6.11	5.22	4.07	2.85	2.43						
		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	-1.23	0.00	0.00	0.00						
ADK RESOURCE___RCVRY 23798	EDT	32.57	30.68	27.78	26.75	26.21	25.85	25.58	26.07	27.43	29.88	33.11	37.54	42.20	44.02	47.86	58.16	63.89	74.16	81.34	74.68	62.68	49.25	41.74	37.79						
		2.10	2.03	1.82	1.73	1.60	1.60	1.52	1.41	1.60	1.64	1.58	1.89	2.35	2.21	2.62	3.80	4.40	5.30	6.99	6.85	5.89	4.56	3.16	2.64						
		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	-1.24	0.00	0.00	0.00						
ADK S GLENS___FALLS 24028	EDT	32.39	30.50	27.65	26.63	26.11	25.75	25.48	25.97	27.33	29.71	32.98	37.36	41.96	43.94	47.59	57.78	63.42	73.61	80.52	73.94	62.01	48.76	41.43	37.58						
		1.92	1.86	1.69	1.60	1.50	1.50	1.42	1.31	1.50	1.47	1.45	1.71	2.11	2.13	2.35	3.42	3.93	4.75	6.17	6.11	5.22	4.07	2.85	2.43						
		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	-1.23	0.00	0.00	0.00						
ADK_NYS___DAM 23527	EDT	32.27	30.45	27.65	26.63	26.19	25.80	25.50	26.05	27.35	29.60	33.01	37.26	41.49	43.39	47.27	57.18	62.52	72.71	78.07	71.29	59.33	46.97	40.43	37.08						
		1.80	1.81	1.69	1.60	1.58	1.55	1.44	1.38	1.52	1.36	1.48	1.61	1.63	1.59	2.04	2.82	3.03	3.85	3.72	3.46	2.89	2.28	1.85	1.93						
		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	-0.89	0.00	0.00	0.00						
AIR_PRODUCTS___DRP 24190	EDT	30.99	29.30	26.82	25.88	25.47	25.12	24.88	25.38	26.47	28.70	31.91	36.04	40.17	42.22	45.69	55.23	60.44	70.03	75.47	68.85	57.15	45.45	39.12	35.75						
		0.52	0.66	0.86	0.85	0.86	0.87	0.82	0.72	0.65	0.45	0.38	0.39	0.32	0.42	0.45	0.87	0.95	1.17	1.12	1.02	0.94	0.76	0.54	0.60						
		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	-0.65	0.00	0.00	0.00						
AKWESSNE_115KV_BK 355683	EDT	30.61	28.73	25.84	24.81	24.39	23.98	23.86	24.57	25.75	28.33	31.88	36.29	40.92	43.06	46.69	56.19	61.52	71.43	73.27	66.07	54.33	43.44	39.20	35.44						
		-0.85	-0.74	-0.70	-0.70	-0.66	-0.68	-0.60	-0.57	-0.65	-0.71	-0.76	-0.86	-0.84	-0.84	-0.95	-1.41	-1.67	-2.00	-2.30	-1.76	-1.22	-1.25	-1.12	-1.12						
		-0.99	-0.83	-0.58	-0.49	-0.45	-0.41	-0.40	-0.47	-0.57	-0.80	-1.11	-1.50	-1.91	-2.09	-2.41	-3.25	-3.70	-4.57	-1.22	0.00	0.00	0.00	-1.74	-1.41						
ALBANY_1_SOLAR 323833	EDT	31.60	29.99	27.29	26.33	25.89	25.51	25.21	25.65	26.73	28.95	31.97	36.11	40.29	42.27	45.91	55.66	61.16	71.13	77.02	70.41	58.32	46.48	39.89	36.42						
		1.13	1.35	1.32	1.30	1.28	1.26	1.15	0.99	0.90	0.71	0.44	0.46	0.44	0.46	0.68	1.30	1.66	2.27	2.67	2.58	2.28	1.79	1.31	1.26						
		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	-0.49	0.00	0.00	0.00						
ALBANY_2_SOLAR 323834	EDT	31.60	29.96	27.29	26.33	25.86	25.51	25.21	25.65	26.73	28.95	31.97	36.11	40.29	42.22	45.91	55.61	61.16	71.13	76.95	70.41	58.27	46.48	39.89	36.42						
		1.13	1.32	1.32	1.30	1.25	1.26	1.15	0.99	0.90	0.71	0.44	0.46	0.44	0.42	0.68	1.25	1.66	2.27	2.60	2.58	2.22	1.79	1.31	1.26						
		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	-0.49	0.00	0.00	0.00						
ALBANY___1 23571	EDT	30.99	29.30	26.82	25.88	25.47	25.12	24.88	25.38	26.47	28.70	31.91	36.04	40.17	42.22	45.69	55.23	60.44	70.03	75.47	68.85	57.15	45.45	39.12	35.75						
		0.52	0.66	0.86	0.85	0.86	0.87	0.82	0.72	0.65	0.45	0.38	0.39	0.32	0.42	0.45	0.87	0.95	1.17	1.12	1.02	0.94	0.76	0.54	0.60						
		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	-0.65	0.00	0.00	0.00						

ALBANY___2 23572	30.99 0.52 0.00	29.30 0.66 0.00	26.82 0.86 0.00	25.88 0.85 0.00	25.47 0.86 0.00	25.12 0.87 0.00	24.88 0.82 0.00	25.38 0.72 0.00	26.47 0.65 0.00	28.70 0.45 0.00	31.91 0.38 0.00	36.04 0.39 0.00	40.17 0.32 0.00	42.22 0.42 0.00	45.69 0.45 0.00	55.23 0.87 0.00	60.44 0.95 0.00	70.03 1.17 0.00	75.47 1.12 0.00	68.85 1.02 0.00	57.15 0.94 -0.65	45.45 0.76 0.00	39.12 0.54 0.00	35.75 0.60 0.00
ALBANY___3 23573	30.99 0.52 0.00	29.30 0.66 0.00	26.82 0.86 0.00	25.88 0.85 0.00	25.47 0.86 0.00	25.12 0.87 0.00	24.88 0.82 0.00	25.38 0.72 0.00	26.47 0.65 0.00	28.70 0.45 0.00	31.91 0.38 0.00	36.04 0.39 0.00	40.17 0.32 0.00	42.22 0.42 0.00	45.69 0.45 0.00	55.23 0.87 0.00	60.44 0.95 0.00	70.03 1.17 0.00	75.47 1.12 0.00	68.85 1.02 0.00	57.15 0.94 -0.65	45.45 0.76 0.00	39.12 0.54 0.00	35.75 0.60 0.00
ALBANY___4 23574	30.99 0.52 0.00	29.30 0.66 0.00	26.82 0.86 0.00	25.88 0.85 0.00	25.47 0.86 0.00	25.12 0.87 0.00	24.88 0.82 0.00	25.38 0.72 0.00	26.47 0.65 0.00	28.70 0.45 0.00	31.91 0.38 0.00	36.04 0.39 0.00	40.17 0.32 0.00	42.22 0.42 0.00	45.69 0.45 0.00	55.23 0.87 0.00	60.44 0.95 0.00	70.03 1.17 0.00	75.47 1.12 0.00	68.85 1.02 0.00	57.15 0.94 -0.65	45.45 0.76 0.00	39.12 0.54 0.00	35.75 0.60 0.00
ALBANY___LFGE 323615	31.35 0.88 0.00	29.64 1.00 0.00	27.05 1.09 0.00	26.10 1.08 0.00	25.69 1.08 0.00	25.31 1.07 0.00	25.07 1.01 0.00	25.60 0.94 0.00	26.71 0.88 0.00	29.03 0.79 0.00	32.29 0.76 0.00	36.47 0.82 0.00	40.69 0.84 0.00	42.60 0.79 0.00	46.32 1.08 0.00	55.99 1.63 0.00	61.27 1.78 0.00	71.06 2.20 0.00	76.58 2.23 0.00	69.94 2.11 0.00	58.20 1.83 -0.82	46.12 1.43 0.00	39.65 1.08 0.00	36.21 1.05 0.00
ALCOA_PA_115KV_PL-6C 55860	31.09 -1.01 -1.62	29.14 -0.86 -1.36	26.10 -0.80 -0.94	25.02 -0.80 -0.79	24.56 -0.79 -0.73	24.12 -0.80 -0.67	24.02 -0.70 -0.66	24.76 -0.67 -0.76	25.98 -0.77 -0.93	28.70 -0.85 -1.30	32.46 -0.88 -1.81	37.10 -1.00 -2.44	41.97 -1.00 -3.11	44.21 -1.00 -3.41	48.04 -1.13 -3.94	57.98 -1.69 -5.30	63.51 -2.02 -6.04	73.92 -2.41 -7.47	73.52 -2.83 -2.00	65.73 -2.10 0.00	54.11 -1.44 0.00	43.21 -1.47 0.00	40.07 -1.35 -2.84	36.16 -1.30 -2.31
ALCOA_RYNLDS___DRP 24188	31.09 -1.01 -1.62	29.14 -0.86 -1.36	26.10 -0.80 -0.94	25.02 -0.80 -0.79	24.56 -0.79 -0.73	24.12 -0.80 -0.67	24.02 -0.70 -0.66	24.76 -0.67 -0.76	25.98 -0.77 -0.93	28.70 -0.85 -1.30	32.46 -0.88 -1.81	37.10 -1.00 -2.44	41.97 -1.00 -3.11	44.21 -1.00 -3.41	48.04 -1.13 -3.94	57.98 -1.69 -5.30	63.51 -2.02 -6.04	73.92 -2.41 -7.47	73.52 -2.83 -2.00	65.73 -2.10 0.00	54.11 -1.44 0.00	43.21 -1.47 0.00	40.07 -1.35 -2.84	36.16 -1.30 -2.31
ALCOA___DSASP 323711	31.09 -1.00 -1.62	29.14 -0.86 -1.36	26.10 -0.81 -0.94	25.02 -0.80 -0.79	24.55 -0.79 -0.73	24.12 -0.80 -0.67	23.99 -0.72 -0.66	24.76 -0.66 -0.76	25.98 -0.77 -0.93	28.70 -0.85 -1.30	32.46 -0.88 -1.81	37.10 -1.00 -2.44	41.97 -0.99 -3.11	44.13 -1.09 -3.41	48.04 -1.13 -3.94	57.98 -1.69 -5.30	63.45 -2.08 -6.04	73.92 -2.41 -7.47	73.52 -2.83 -2.00	65.73 -2.10 0.00	54.11 -1.44 0.00	43.22 -1.47 0.00	40.07 -1.35 -2.84	36.16 -1.30 -2.31
ALLEGHENY___COGEN 23514	32.27 1.80 0.00	30.10 1.46 0.00	27.03 1.06 0.00	25.93 0.90 0.00	25.40 0.79 0.00	25.00 0.75 0.00	24.59 0.53 0.00	24.96 0.30 0.00	25.83 0.00 0.00	28.33 0.08 0.00	31.31 -0.22 0.00	35.51 -0.14 0.00	39.97 0.12 0.00	40.85 -0.96 0.00	43.65 -1.58 0.00	52.08 -2.28 0.00	57.65 -1.84 0.00	67.62 -1.24 0.00	75.76 1.41 0.00	69.80 1.97 0.00	57.38 1.83 0.00	46.43 1.74 0.00	39.93 1.35 0.00	37.33 2.18 0.00
ALTAMONT_115KV_TB 2 55880	31.38 0.91 0.00	29.59 0.95 0.00	26.92 0.96 0.00	25.98 0.95 0.00	25.54 0.94 0.00	25.17 0.92 0.00	24.95 0.89 0.00	25.51 0.84 0.00	26.68 0.85 0.00	29.03 0.79 0.00	32.35 0.82 0.00	36.54 0.89 0.00	40.73 0.88 0.00	42.77 0.96 0.00	46.27 1.04 0.00	55.83 1.47 0.00	61.10 1.61 0.00	70.79 1.93 0.00	76.36 2.01 0.00	69.67 1.83 0.00	57.69 1.61 -0.52	45.99 1.30 0.00	39.66 1.08 0.00	36.21 1.05 0.00
ALTONA_WT_PWR 323606	29.48 -0.46 0.53	27.86 -0.34 0.44	25.27 -0.39 0.31	24.29 -0.48 0.26	23.90 -0.47 0.24	23.55 -0.48 0.22	23.53 -0.31 0.21	24.27 -0.15 0.25	25.47 -0.05 0.30	27.96 0.14 0.42	31.22 0.28 0.59	35.25 0.39 0.80	38.72 -0.12 1.01	40.57 -0.13 1.11	43.77 -0.18 1.28	51.27 -1.36 1.73	55.74 -1.78 1.97	64.36 -2.06 2.44	71.17 -2.53 0.65	66.14 -1.69 0.00	54.61 -0.94 0.00	43.71 -0.98 0.00	37.11 -0.54 0.93	33.41 -0.98 0.75
AMERICAN_REF_FUEL 24010	29.92 -0.55 0.00	27.90 -0.74 0.00	25.13 -0.83 0.00	24.20 -0.83 0.00	23.67 -0.94 0.00	23.40 -0.85 0.00	23.00 -1.06 0.00	23.63 -1.04 0.00	24.95 -0.88 0.00	27.76 -0.48 0.00	30.84 -0.69 0.00	35.12 -0.53 0.00	39.53 -0.32 0.00	41.68 -0.13 0.00	44.01 -1.22 0.00	52.02 -2.34 0.00	57.35 -2.14 0.00	65.83 -3.03 0.00	72.35 -2.00 0.00	65.19 -2.65 0.00	53.11 -2.44 0.00	43.39 -1.30 0.00	37.46 -1.12 0.00	34.27 -0.88 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.56 1.10 0.00	29.42 0.77 0.00	26.48 0.52 0.00	25.38 0.35 0.00	24.83 0.22 0.00	24.56 0.31 0.00	24.23 0.17 0.00	24.94 0.27 0.00	26.39 0.57 0.00	29.43 1.19 0.00	32.85 1.32 0.00	37.40 1.75 0.00	42.16 2.31 0.00	44.48 2.68 0.00	47.27 2.04 0.00	55.72 1.36 0.00	61.52 2.02 0.00	70.37 1.51 0.00	77.18 2.82 0.00	69.53 1.70 0.00	56.33 0.78 0.00	45.76 1.07 0.00	39.58 1.00 0.00	35.92 0.77 0.00
ARTHUR KILL_GT_1 23520	33.28 2.80 -0.01	31.17 2.52 -0.01	28.31 2.34 -0.01	27.11 2.08 0.00	26.63 2.02 0.00	26.07 1.82 0.00	25.94 1.88 0.00	26.66 2.00 0.01	28.17 2.35 0.01	30.92 2.68 0.01	34.83 3.31 0.01	39.17 3.53 0.01	42.95 3.11 0.01	44.72 2.93 0.01	45.05 3.26 3.44	45.27 4.35 13.44	47.36 4.58 16.71	52.80 5.10 21.15	57.30 4.83 21.89	49.74 4.07 22.17	44.84 3.50 14.21	44.65 3.17 3.21	42.21 3.63 -0.01	38.53 3.37 -0.01
ARTHUR_KILL_2 23512	33.16 2.68 -0.01	31.08 2.43 -0.01	28.20 2.23 -0.01	27.03 2.00 0.00	26.53 1.92 0.00	26.00 1.75 0.00	25.86 1.81 0.00	26.56 1.90 0.01	28.07 2.25 0.01	30.81 2.57 0.01	34.71 3.18 0.01	39.03 3.39 0.01	42.79 2.95 0.01	44.51 2.72 0.01	44.87 3.08 3.44	45.00 4.08 13.44	47.06 4.29 16.71	52.45 4.75 21.15	56.93 4.46 21.89	49.40 3.73 22.17	44.56 3.22 14.21	44.43 2.95 3.21	42.02 3.43 -0.01	38.39 3.23 -0.01
ARTHUR_KILL_3 23513	32.91 2.44 0.00	30.82 2.18 0.00	27.96 2.00 0.00	26.88 1.85 0.00	26.43 1.82 0.00	26.04 1.79 0.00	25.96 1.90 0.00	26.69 2.02 0.00	28.20 2.37 0.00	30.90 2.65 0.00	34.75 3.22 0.00	39.04 3.39 0.00	42.96 3.11 0.00	44.61 2.80 0.00	45.01 3.21 3.44	45.01 4.08 13.43	47.01 4.22 16.71	52.46 4.75 21.14	57.01 4.54 21.88	49.47 3.80 22.16	44.57 3.22 14.20	44.35 2.86 3.20	41.70 3.12 0.00	38.18 3.02 0.00

ARTHUR_KILL_COGEN 323718	33.28 2.80 -0.01	31.17 2.52 -0.01	28.31 2.34 -0.01	27.11 2.08 0.00	26.63 2.02 0.00	26.07 1.82 0.00	25.94 1.88 0.00	26.66 2.00 0.01	28.17 2.35 0.01	30.92 2.68 0.01	34.83 3.31 0.01	39.17 3.53 0.01	42.95 3.11 0.01	44.72 2.93 0.01	45.05 3.26 3.44	45.27 4.35 13.44	47.36 4.58 16.71	52.80 5.10 21.15	57.30 4.83 21.89	49.74 4.07 22.17	44.84 3.50 14.21	44.65 3.17 3.21	42.21 3.63 -0.01	38.53 3.37 -0.01
ASHOKAN____ 23654	32.45 1.98 0.00	30.65 2.00 0.00	27.88 1.92 0.00	26.81 1.78 0.00	26.31 1.70 0.00	25.80 1.55 0.00	25.38 1.32 0.00	25.75 1.08 0.00	26.99 1.16 0.00	29.29 1.05 0.00	32.54 1.01 0.00	36.76 1.11 0.00	41.09 1.24 0.00	43.18 1.38 0.00	47.04 1.81 0.00	57.29 2.93 0.00	63.18 3.69 0.00	73.75 4.89 0.00	79.93 5.58 0.00	72.99 5.15 0.00	58.78 2.89 -0.34	47.64 2.95 0.00	40.81 2.24 0.00	37.26 2.11 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.25 2.77 -0.01	31.17 2.52 -0.01	28.28 2.31 -0.01	27.19 2.15 -0.01	26.70 2.09 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.79 2.12 0.00	28.19 2.37 0.01	30.93 2.68 0.00	34.78 3.25 0.00	39.06 3.42 0.01	42.87 3.03 0.01	44.60 2.80 0.01	48.30 3.08 0.01	58.70 4.35 0.01	64.00 4.52 0.01	73.87 5.02 0.01	79.11 4.76 0.01	71.83 4.00 0.01	59.16 3.50 -0.10	47.68 2.99 0.00	41.97 3.40 0.00	38.57 3.41 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	33.25 2.77 -0.01	31.17 2.52 -0.01	28.28 2.31 -0.01	27.19 2.15 -0.01	26.70 2.09 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.79 2.12 0.00	28.19 2.37 0.01	30.93 2.68 0.00	34.78 3.25 0.00	39.06 3.42 0.01	42.87 3.03 0.01	44.60 2.80 0.01	48.30 3.08 0.01	58.70 4.35 0.01	64.00 4.52 0.01	73.87 5.02 0.01	79.11 4.76 0.01	71.83 4.00 0.01	59.16 3.50 -0.10	47.68 2.99 0.00	41.97 3.40 0.00	38.57 3.41 -0.01
ASTORIA_GT2_1 24094	33.27 2.80 0.00	31.16 2.52 0.00	28.27 2.31 0.00	27.18 2.15 0.00	26.70 2.09 0.00	26.24 1.99 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.07 3.42 0.00	43.04 3.19 0.00	44.98 3.18 0.00	48.35 3.12 0.01	58.76 4.40 0.01	64.18 4.70 0.01	73.88 5.03 0.01	79.10 4.76 0.01	71.90 4.07 0.01	59.16 3.50 -0.10	47.64 2.95 0.00	42.09 3.51 0.00	38.57 3.41 -0.01
ASTORIA_GT2_2 24095	33.27 2.80 0.00	31.16 2.52 0.00	28.27 2.31 0.00	27.18 2.15 0.00	26.70 2.09 0.00	26.24 1.99 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.07 3.42 0.00	43.04 3.19 0.00	44.98 3.18 0.00	48.35 3.12 0.01	58.76 4.40 0.01	64.18 4.70 0.01	73.88 5.03 0.01	79.10 4.76 0.01	71.90 4.07 0.01	59.16 3.50 -0.10	47.64 2.95 0.00	42.09 3.51 0.00	38.57 3.41 -0.01
ASTORIA_GT2_3 24096	33.27 2.80 0.00	31.16 2.52 0.00	28.27 2.31 0.00	27.18 2.15 0.00	26.70 2.09 0.00	26.24 1.99 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.07 3.42 0.00	43.04 3.19 0.00	44.98 3.18 0.00	48.35 3.12 0.01	58.76 4.40 0.01	64.18 4.70 0.01	73.88 5.03 0.01	79.10 4.76 0.01	71.90 4.07 0.01	59.16 3.50 -0.10	47.64 2.95 0.00	42.09 3.51 0.00	38.57 3.41 -0.01
ASTORIA_GT2_4 24097	33.27 2.80 0.00	31.16 2.52 0.00	28.27 2.31 0.00	27.18 2.15 0.00	26.70 2.09 0.00	26.24 1.99 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.07 3.42 0.00	43.04 3.19 0.00	44.98 3.18 0.00	48.35 3.12 0.01	58.76 4.40 0.01	64.18 4.70 0.01	73.88 5.03 0.01	79.10 4.76 0.01	71.90 4.07 0.01	59.16 3.50 -0.10	47.64 2.95 0.00	42.09 3.51 0.00	38.57 3.41 -0.01
ASTORIA_GT3_1 24098	33.27 2.80 0.00	31.16 2.52 0.00	28.27 2.31 0.00	27.18 2.15 0.00	26.70 2.09 0.00	26.24 1.99 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.07 3.42 0.00	43.04 3.19 0.00	44.98 3.18 0.00	48.35 3.12 0.01	58.76 4.40 0.01	64.18 4.70 0.01	73.88 5.03 0.01	79.10 4.76 0.01	71.90 4.07 0.01	59.16 3.50 -0.10	47.64 2.95 0.00	42.09 3.51 0.00	38.57 3.41 -0.01
ASTORIA_GT3_2 24099	33.27 2.80 0.00	31.16 2.52 0.00	28.27 2.31 0.00	27.18 2.15 0.00	26.70 2.09 0.00	26.24 1.99 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.07 3.42 0.00	43.04 3.19 0.00	44.98 3.18 0.00	48.35 3.12 0.01	58.76 4.40 0.01	64.18 4.70 0.01	73.88 5.03 0.01	79.10 4.76 0.01	71.90 4.07 0.01	59.16 3.50 -0.10	47.64 2.95 0.00	42.09 3.51 0.00	38.57 3.41 -0.01
ASTORIA_GT3_3 24100	33.27 2.80 0.00	31.16 2.52 0.00	28.27 2.31 0.00	27.18 2.15 0.00	26.70 2.09 0.00	26.24 1.99 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.07 3.42 0.00	43.04 3.19 0.00	44.98 3.18 0.00	48.35 3.12 0.01	58.76 4.40 0.01	64.18 4.70 0.01	73.88 5.03 0.01	79.10 4.76 0.01	71.90 4.07 0.01	59.16 3.50 -0.10	47.64 2.95 0.00	42.09 3.51 0.00	38.57 3.41 -0.01
ASTORIA_GT3_4 24101	33.27 2.80 0.00	31.16 2.52 0.00	28.27 2.31 0.00	27.18 2.15 0.00	26.70 2.09 0.00	26.24 1.99 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.07 3.42 0.00	43.04 3.19 0.00	44.98 3.18 0.00	48.35 3.12 0.01	58.76 4.40 0.01	64.18 4.70 0.01	73.88 5.03 0.01	79.10 4.76 0.01	71.90 4.07 0.01	59.16 3.50 -0.10	47.64 2.95 0.00	42.09 3.51 0.00	38.57 3.41 -0.01
ASTORIA_GT4_1 24102	33.27 2.80 0.00	31.16 2.52 0.00	28.27 2.31 0.00	27.18 2.15 0.00	26.70 2.09 0.00	26.24 1.99 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.07 3.42 0.00	43.04 3.19 0.00	44.98 3.18 0.00	48.35 3.12 0.01	58.76 4.40 0.01	64.18 4.70 0.01	73.88 5.03 0.01	79.10 4.76 0.01	71.90 4.07 0.01	59.16 3.50 -0.10	47.64 2.95 0.00	42.09 3.51 0.00	38.57 3.41 -0.01
ASTORIA_GT4_2 24103	33.27 2.80 0.00	31.16 2.52 0.00	28.27 2.31 0.00	27.18 2.15 0.00	26.70 2.09 0.00	26.24 1.99 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.07 3.42 0.00	43.04 3.19 0.00	44.98 3.18 0.00	48.35 3.12 0.01	58.76 4.40 0.01	64.18 4.70 0.01	73.88 5.03 0.01	79.10 4.76 0.01	71.90 4.07 0.01	59.16 3.50 -0.10	47.64 2.95 0.00	42.09 3.51 0.00	38.57 3.41 -0.01
ASTORIA_GT4_3 24104	33.27 2.80 0.00	31.16 2.52 0.00	28.27 2.31 0.00	27.18 2.15 0.00	26.70 2.09 0.00	26.24 1.99 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.07 3.42 0.00	43.04 3.19 0.00	44.98 3.18 0.00	48.35 3.12 0.01	58.76 4.40 0.01	64.18 4.70 0.01	73.88 5.03 0.01	79.10 4.76 0.01	71.90 4.07 0.01	59.16 3.50 -0.10	47.64 2.95 0.00	42.09 3.51 0.00	38.57 3.41 -0.01

ASTORIA_GT4_4 24105	33.27 2.80 0.00	31.16 2.52 0.00	28.27 2.31 0.00	27.18 2.15 0.00	26.70 2.09 0.00	26.24 1.99 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.07 3.42 0.00	43.04 3.19 0.00	44.98 3.18 0.00	48.35 3.12 0.01	58.76 4.40 0.01	64.18 4.70 0.01	73.88 5.03 0.01	79.10 4.76 0.01	71.90 4.07 0.01	59.16 3.50 -0.10	47.64 2.95 0.00	42.09 3.51 0.00	38.57 3.41 -0.01
ASTORIA_GT_1 23523	33.34 2.86 -0.01	31.23 2.58 -0.01	28.36 2.39 -0.01	27.24 2.20 -0.01	26.75 2.14 0.00	26.21 1.96 0.00	26.10 2.04 0.00	26.84 2.17 0.00	28.27 2.45 0.01	31.01 2.77 0.00	34.87 3.34 0.00	39.17 3.53 0.01	43.03 3.19 0.01	44.72 2.93 0.01	48.48 3.26 0.01	58.86 4.51 0.01	64.18 4.70 0.01	74.08 5.23 0.01	79.40 5.06 0.01	72.10 4.28 0.01	59.32 3.67 -0.10	47.82 3.13 0.00	42.09 3.51 0.00	38.67 3.51 -0.01
ASTORIA_GT_10 24110	33.12 2.65 0.00	31.02 2.38 0.00	28.12 2.15 0.00	27.03 2.00 0.00	26.55 1.94 0.00	26.14 1.89 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.26 2.43 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.11 3.46 0.00	43.12 3.27 0.00	45.02 3.22 0.00	48.39 3.17 0.01	54.75 4.13 3.74	55.72 4.34 8.11	63.76 4.68 9.78	78.73 4.39 0.01	66.91 3.73 4.66	53.15 3.22 5.62	47.64 2.95 0.00	42.01 3.43 0.00	38.43 3.27 -0.01
ASTORIA_GT_11 24225	33.12 2.65 0.00	31.02 2.38 0.00	28.12 2.15 0.00	27.03 2.00 0.00	26.55 1.94 0.00	26.14 1.89 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.26 2.43 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.11 3.46 0.00	43.12 3.27 0.00	45.02 3.22 0.00	48.39 3.17 0.01	54.75 4.13 3.74	55.72 4.34 8.11	63.76 4.68 9.78	78.73 4.39 0.01	66.91 3.73 4.66	53.15 3.22 5.62	47.64 2.95 0.00	42.01 3.43 0.00	38.43 3.27 -0.01
ASTORIA_GT_12 24226	33.12 2.65 0.00	31.02 2.38 0.00	28.12 2.15 0.00	27.03 2.00 0.00	26.55 1.94 0.00	26.14 1.89 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.26 2.43 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.11 3.46 0.00	43.12 3.27 0.00	45.02 3.22 0.00	48.39 3.17 0.01	54.75 4.13 3.74	55.72 4.34 8.11	63.76 4.68 9.78	78.73 4.39 0.01	66.91 3.73 4.66	53.15 3.22 5.62	47.64 2.95 0.00	42.01 3.43 0.00	38.43 3.27 -0.01
ASTORIA_GT_13 24227	33.12 2.65 0.00	31.02 2.38 0.00	28.12 2.15 0.00	27.03 2.00 0.00	26.55 1.94 0.00	26.14 1.89 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.26 2.43 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.11 3.46 0.00	43.12 3.27 0.00	45.02 3.22 0.00	48.39 3.17 0.01	54.75 4.13 3.74	55.72 4.34 8.11	63.76 4.68 9.78	78.73 4.39 0.01	66.91 3.73 4.66	53.15 3.22 5.62	47.64 2.95 0.00	42.01 3.43 0.00	38.43 3.27 -0.01
ASTORIA_GT_5 24106	33.33 2.86 0.00	31.22 2.58 0.00	28.33 2.36 0.00	27.23 2.20 0.00	26.75 2.14 0.00	26.26 2.01 0.00	26.13 2.07 0.00	26.84 2.17 0.00	28.28 2.45 0.00	31.01 2.77 0.00	34.90 3.37 0.00	39.14 3.49 0.00	43.16 3.31 0.00	45.07 3.26 0.00	48.44 3.21 0.01	58.92 4.57 0.01	64.30 4.82 0.01	74.08 5.23 0.01	79.33 4.98 0.01	72.10 4.27 0.01	59.32 3.67 -0.10	47.77 3.08 0.00	42.16 3.59 0.00	38.67 3.52 -0.01
ASTORIA_GT_7 24107	33.33 2.86 0.00	31.22 2.58 0.00	28.33 2.36 0.00	27.23 2.20 0.00	26.75 2.14 0.00	26.26 2.01 0.00	26.13 2.07 0.00	26.84 2.17 0.00	28.28 2.45 0.00	31.01 2.77 0.00	34.90 3.37 0.00	39.14 3.49 0.00	43.16 3.31 0.00	45.07 3.26 0.00	48.44 3.21 0.01	58.92 4.57 0.01	64.30 4.82 0.01	74.08 5.23 0.01	79.33 4.98 0.01	72.10 4.27 0.01	59.32 3.67 -0.10	47.77 3.08 0.00	42.16 3.59 0.00	38.67 3.52 -0.01
ASTORIA_GT_8 24108	33.33 2.86 0.00	31.22 2.58 0.00	28.33 2.36 0.00	27.23 2.20 0.00	26.75 2.14 0.00	26.26 2.01 0.00	26.13 2.07 0.00	26.84 2.17 0.00	28.28 2.45 0.00	31.01 2.77 0.00	34.90 3.37 0.00	39.14 3.49 0.00	43.16 3.31 0.00	45.07 3.26 0.00	48.44 3.21 0.01	58.92 4.57 0.01	64.30 4.82 0.01	74.08 5.23 0.01	79.33 4.98 0.01	72.10 4.27 0.01	59.32 3.67 -0.10	47.77 3.08 0.00	42.16 3.59 0.00	38.67 3.52 -0.01
ASTORIA___2 24149	33.28 2.80 -0.01	31.17 2.52 -0.01	28.31 2.34 -0.01	27.19 2.15 -0.01	26.70 2.09 0.00	26.16 1.92 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.22 2.40 0.01	30.93 2.68 0.00	34.81 3.28 0.00	39.06 3.42 0.01	42.91 3.07 0.01	44.60 2.80 0.01	48.34 3.12 0.01	58.70 4.35 0.01	64.00 4.52 0.01	73.94 5.10 0.01	79.17 4.83 0.01	71.90 4.07 0.01	59.16 3.50 -0.10	47.73 3.04 0.00	41.97 3.40 0.00	38.61 3.45 -0.01
ASTORIA___3 23516	33.12 2.65 0.00	31.02 2.38 0.00	28.14 2.18 0.00	27.03 2.00 0.00	26.55 1.94 0.00	26.09 1.84 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.00 3.15 0.00	44.69 2.88 0.00	48.39 3.17 0.01	54.75 4.13 3.74	55.60 4.22 8.11	63.82 4.75 9.78	78.80 4.46 0.01	66.90 3.73 4.66	53.15 3.22 5.62	47.73 3.04 0.00	41.97 3.40 0.00	38.46 3.30 -0.01
ASTORIA___4 23517	33.12 2.65 0.00	31.02 2.38 0.00	28.12 2.15 0.00	27.03 2.00 0.00	26.55 1.94 0.00	26.14 1.89 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.26 2.43 0.00	30.93 2.68 0.00	34.84 3.31 0.00	39.11 3.46 0.00	43.12 3.27 0.00	45.02 3.22 0.00	48.39 3.17 0.01	54.75 4.13 3.74	55.72 4.34 8.11	63.76 4.68 9.78	78.73 4.39 0.01	66.84 3.66 4.66	53.15 3.22 5.62	47.64 2.95 0.00	42.01 3.43 0.00	38.43 3.27 -0.01
ASTORIA___5 23518	33.12 2.65 0.00	31.02 2.38 0.00	28.14 2.18 0.00	27.03 2.00 0.00	26.55 1.94 0.00	26.09 1.84 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.00 3.15 0.00	44.69 2.88 0.00	48.39 3.17 0.01	54.75 4.13 3.74	55.60 4.22 8.11	63.82 4.75 9.78	78.80 4.46 0.01	66.90 3.73 4.66	53.15 3.22 5.62	47.73 3.04 0.00	41.97 3.40 0.00	38.46 3.30 -0.01
AST_ENERGY_2_CC3 323677	33.00 2.53 0.00	30.93 2.29 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.50 1.90 0.00	26.12 1.87 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.75 3.22 0.00	39.07 3.42 0.00	43.04 3.19 0.00	44.82 3.01 0.00	48.67 3.44 0.00	58.71 4.35 0.00	63.96 4.46 0.00	73.95 5.10 0.00	79.26 4.91 0.00	71.97 4.14 0.00	59.17 3.50 -0.11	47.77 3.08 0.00	41.82 3.24 0.00	38.25 3.09 0.00
AST_ENERGY_2_CC4 323678	33.00 2.53 0.00	30.93 2.29 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.50 1.90 0.00	26.12 1.87 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.75 3.22 0.00	39.07 3.42 0.00	43.04 3.19 0.00	44.82 3.01 0.00	48.67 3.44 0.00	58.71 4.35 0.00	63.96 4.46 0.00	73.95 5.10 0.00	79.26 4.91 0.00	71.97 4.14 0.00	59.17 3.50 -0.11	47.77 3.08 0.00	41.82 3.24 0.00	38.25 3.09 0.00

ATHENS_STG_1 23668	31.66 1.19 0.00	29.76 1.12 0.00	27.05 1.09 0.00	26.10 1.08 0.00	25.64 1.03 0.00	25.29 1.04 0.00	25.09 1.03 0.00	25.70 1.04 0.00	26.96 1.14 0.00	29.37 1.13 0.00	32.85 1.32 0.00	37.08 1.43 0.00	41.16 1.31 0.00	43.06 1.25 0.00	46.77 1.54 0.00	56.37 2.01 0.00	61.57 2.08 0.00	71.27 2.41 0.00	76.66 2.31 0.00	69.80 1.97 0.00	57.36 1.72 -0.09	46.16 1.47 0.00	39.96 1.39 0.00	36.52 1.37 0.00
ATHENS_STG_2 23670	31.66 1.19 0.00	29.76 1.12 0.00	27.05 1.09 0.00	26.10 1.08 0.00	25.64 1.03 0.00	25.29 1.04 0.00	25.09 1.03 0.00	25.70 1.04 0.00	26.96 1.14 0.00	29.37 1.13 0.00	32.85 1.32 0.00	37.08 1.43 0.00	41.16 1.31 0.00	43.06 1.25 0.00	46.77 1.54 0.00	56.37 2.01 0.00	61.57 2.08 0.00	71.27 2.41 0.00	76.66 2.31 0.00	69.80 1.97 0.00	57.36 1.72 -0.09	46.16 1.47 0.00	39.96 1.39 0.00	36.52 1.37 0.00
ATHENS_STG_3 23677	31.66 1.19 0.00	29.76 1.12 0.00	27.05 1.09 0.00	26.10 1.08 0.00	25.64 1.03 0.00	25.29 1.04 0.00	25.09 1.03 0.00	25.70 1.04 0.00	26.96 1.14 0.00	29.37 1.13 0.00	32.85 1.32 0.00	37.08 1.43 0.00	41.16 1.31 0.00	43.06 1.25 0.00	46.77 1.54 0.00	56.37 2.01 0.00	61.57 2.08 0.00	71.27 2.41 0.00	76.66 2.31 0.00	69.80 1.97 0.00	57.36 1.72 -0.09	46.16 1.47 0.00	39.96 1.39 0.00	36.52 1.37 0.00
AUBURN___LFGE 323710	31.54 0.43 -0.64	29.33 0.32 -0.37	26.06 0.18 0.08	25.11 0.15 0.07	24.67 0.12 0.06	24.29 0.10 0.06	24.07 0.07 0.06	24.70 0.10 0.07	25.88 0.13 0.08	28.66 0.34 -0.08	32.33 0.32 -0.48	37.02 0.46 -0.91	41.77 0.68 -1.24	43.63 0.67 -1.15	47.65 0.86 -1.56	57.79 0.87 -2.56	64.20 1.13 -3.58	74.77 1.45 -4.47	82.30 2.16 -5.79	74.96 1.83 -5.30	59.68 1.22 -2.91	47.63 1.07 -1.87	40.15 0.85 -0.72	36.77 0.63 -0.98
BABYLON_RES_REC 323704	44.48 3.20 -10.81	43.84 2.92 -12.28	40.29 2.65 -11.68	36.52 2.48 -9.01	33.32 2.39 -6.33	31.56 2.38 -4.94	26.35 2.29 0.00	27.18 2.52 0.00	39.24 2.87 -10.54	43.35 3.16 -11.94	41.48 3.38 -6.57	51.07 3.56 -11.86	55.54 3.27 -12.42	59.17 3.26 -14.10	60.52 3.75 -11.54	64.64 4.35 -5.93	79.65 4.94 -15.23	93.79 5.85 -19.08	95.00 5.80 -14.84	85.84 4.68 -13.33	66.73 3.78 -7.40	60.90 3.53 -12.69	53.28 3.40 -11.31	49.97 3.16 -11.65
BABYLON__69_KV_BK2 356345	44.95 3.66 -10.82	44.30 3.38 -12.28	40.66 3.01 -11.68	36.85 2.80 -9.01	33.67 2.73 -6.33	31.90 2.72 -4.94	26.70 2.65 0.00	27.48 2.81 0.00	39.60 3.23 -10.54	43.80 3.62 -11.94	44.06 4.19 -8.34	58.33 4.46 -18.22	68.73 4.42 -24.46	73.06 4.64 -26.61	73.85 5.02 -23.60	78.60 5.87 -18.37	108.88 6.72 -42.67	122.68 7.78 -46.05	128.17 7.81 -46.01	115.65 6.51 -41.31	83.53 5.28 -22.70	74.40 4.74 -24.97	59.79 4.44 -16.77	53.89 4.18 -14.55
BALL_HILL_WT_PWR 323825	30.99 0.52 0.00	28.90 0.26 0.00	26.02 0.05 0.00	24.95 -0.07 0.00	24.44 -0.17 0.00	24.15 -0.10 0.00	23.82 -0.24 0.00	24.50 -0.17 0.00	25.91 0.08 0.00	28.84 0.59 0.00	32.13 0.60 0.00	36.57 0.93 0.00	41.21 1.36 0.00	43.48 1.67 0.00	46.14 0.90 0.00	54.47 0.11 0.00	60.09 0.59 0.00	68.86 0.00 0.00	75.54 1.19 0.00	68.11 0.27 0.00	55.28 -0.28 0.00	45.05 0.36 0.00	38.96 0.39 0.00	35.50 0.35 0.00
BARON_WINDS___WT_PWR 323822	31.33 0.67 -0.19	29.22 0.46 -0.12	26.25 0.29 0.00	25.21 0.18 0.00	24.71 0.10 0.00	24.39 0.15 0.00	24.11 0.05 0.00	24.74 0.07 0.00	26.06 0.23 0.00	28.91 0.62 -0.05	32.32 0.63 -0.16	36.78 0.85 -0.27	41.41 1.19 -0.37	43.54 1.38 -0.35	46.55 0.86 -0.46	55.52 0.43 -0.73	61.38 0.89 -1.00	70.79 0.69 -1.24	77.51 1.71 -1.44	70.27 1.15 -1.28	56.76 0.50 -0.70	45.95 0.81 -0.45	39.54 0.73 -0.24	36.00 0.56 -0.29
BARRETT_IC_1 23704	44.02 2.74 -10.81	43.41 2.49 -12.28	40.03 2.39 -11.68	36.32 2.28 -9.01	33.15 2.22 -6.33	31.37 2.18 -4.94	26.20 2.14 0.00	27.01 2.34 0.00	39.03 2.66 -10.54	43.01 2.82 -11.94	40.57 3.31 -5.73	48.00 3.53 -8.82	49.97 3.43 -6.69	53.25 3.30 -8.14	54.78 3.75 -5.80	58.82 4.46 0.00	66.65 5.00 -2.16	80.81 5.71 -6.24	79.93 5.58 0.00	72.45 4.62 0.00	59.44 3.78 -0.11	55.01 3.49 -6.84	50.88 3.59 -8.71	48.46 3.37 -9.94
BARRETT_IC_10 23701	44.02 2.74 -10.81	43.41 2.49 -12.28	40.03 2.39 -11.68	36.32 2.28 -9.01	33.15 2.22 -6.33	31.37 2.18 -4.94	26.20 2.14 0.00	27.01 2.34 0.00	39.03 2.66 -10.54	43.01 2.82 -11.94	40.57 3.31 -5.73	48.00 3.53 -8.82	49.97 3.43 -6.69	53.25 3.30 -8.14	54.78 3.75 -5.80	58.82 4.46 0.00	66.65 5.00 -2.16	80.81 5.71 -6.24	79.93 5.58 0.00	72.45 4.62 0.00	59.44 3.78 -0.11	55.01 3.49 -6.84	50.88 3.59 -8.71	48.46 3.37 -9.94
BARRETT_IC_11 23702	44.02 2.74 -10.81	43.41 2.49 -12.28	40.03 2.39 -11.68	36.32 2.28 -9.01	33.15 2.22 -6.33	31.37 2.18 -4.94	26.20 2.14 0.00	27.01 2.34 0.00	39.03 2.66 -10.54	43.01 2.82 -11.94	40.57 3.31 -5.73	48.00 3.53 -8.82	49.97 3.43 -6.69	53.25 3.30 -8.14	54.78 3.75 -5.80	58.82 4.46 0.00	66.65 5.00 -2.16	80.81 5.71 -6.24	79.93 5.58 0.00	72.45 4.62 0.00	59.44 3.78 -0.11	55.01 3.49 -6.84	50.88 3.59 -8.71	48.46 3.37 -9.94
BARRETT_IC_12 23703	44.02 2.74 -10.81	43.41 2.49 -12.28	40.03 2.39 -11.68	36.32 2.28 -9.01	33.15 2.22 -6.33	31.37 2.18 -4.94	26.20 2.14 0.00	27.01 2.34 0.00	39.03 2.66 -10.54	43.01 2.82 -11.94	40.57 3.31 -5.73	48.00 3.53 -8.82	49.97 3.43 -6.69	53.25 3.30 -8.14	54.78 3.75 -5.80	58.82 4.46 0.00	66.65 5.00 -2.16	80.81 5.71 -6.24	79.93 5.58 0.00	72.45 4.62 0.00	59.44 3.78 -0.11	55.01 3.49 -6.84	50.88 3.59 -8.71	48.46 3.37 -9.94
BARRETT_IC_2 23705	44.02 2.74 -10.81	43.41 2.49 -12.28	40.03 2.39 -11.68	36.32 2.28 -9.01	33.15 2.22 -6.33	31.37 2.18 -4.94	26.20 2.14 0.00	27.01 2.34 0.00	39.03 2.66 -10.54	43.01 2.82 -11.94	40.57 3.31 -5.73	48.00 3.53 -8.82	49.97 3.43 -6.69	53.25 3.30 -8.14	54.78 3.75 -5.80	58.82 4.46 0.00	66.65 5.00 -2.16	80.81 5.71 -6.24	79.93 5.58 0.00	72.45 4.62 0.00	59.44 3.78 -0.11	55.01 3.49 -6.84	50.88 3.59 -8.71	48.46 3.37 -9.94
BARRETT_IC_3 23706	44.02 2.74 -10.81	43.41 2.49 -12.28	40.03 2.39 -11.68	36.32 2.28 -9.01	33.15 2.22 -6.33	31.37 2.18 -4.94	26.20 2.14 0.00	27.01 2.34 0.00	39.03 2.66 -10.54	43.01 2.82 -11.94	40.57 3.31 -5.73	48.00 3.53 -8.82	49.97 3.43 -6.69	53.25 3.30 -8.14	54.78 3.75 -5.80	58.82 4.46 0.00	66.65 5.00 -2.16	80.81 5.71 -6.24	79.93 5.58 0.00	72.45 4.62 0.00	59.44 3.78 -0.11	55.01 3.49 -6.84	50.88 3.59 -8.71	48.46 3.37 -9.94
BARRETT_IC_4 23707	44.02 2.74 -10.81	43.41 2.49 -12.28	40.03 2.39 -11.68	36.32 2.28 -9.01	33.15 2.22 -6.33	31.37 2.18 -4.94	26.20 2.14 0.00	27.01 2.34 0.00	39.03 2.66 -10.54	43.01 2.82 -11.94	40.57 3.31 -5.73	48.00 3.53 -8.82	49.97 3.43 -6.69	53.25 3.30 -8.14	54.78 3.75 -5.80	58.82 4.46 0.00	66.65 5.00 -2.16	80.81 5.71 -6.24	79.93 5.58 0.00	72.45 4.62 0.00	59.44 3.78 -0.11	55.01 3.49 -6.84	50.88 3.59 -8.71	48.46 3.37 -9.94

BARRETT_IC_5 23708	44.02 2.74 -10.81	43.41 2.49 -12.28	40.03 2.39 -11.68	36.32 2.28 -9.01	33.15 2.22 -6.33	31.37 2.18 -4.94	26.20 2.14 0.00	27.01 2.34 0.00	39.03 2.66 -10.54	43.01 2.82 -11.94	40.57 3.31 -5.73	48.00 3.53 -8.82	49.97 3.43 -6.69	53.25 3.30 -8.14	54.78 3.75 -5.80	58.82 4.46 0.00	66.65 5.00 -2.16	80.81 5.71 -6.24	79.93 5.58 0.00	72.45 4.62 0.00	59.44 3.78 -0.11	55.01 3.49 -6.84	50.88 3.59 -8.71	48.46 3.37 -9.94
BARRETT_IC_6 23709	44.02 2.74 -10.81	43.41 2.49 -12.28	40.03 2.39 -11.68	36.32 2.28 -9.01	33.15 2.22 -6.33	31.37 2.18 -4.94	26.20 2.14 0.00	27.01 2.34 0.00	39.03 2.66 -10.54	43.01 2.82 -11.94	40.57 3.31 -5.73	48.00 3.53 -8.82	49.97 3.43 -6.69	53.25 3.30 -8.14	54.78 3.75 -5.80	58.82 4.46 0.00	66.65 5.00 -2.16	80.81 5.71 -6.24	79.93 5.58 0.00	72.45 4.62 0.00	59.44 3.78 -0.11	55.01 3.49 -6.84	50.88 3.59 -8.71	48.46 3.37 -9.94
BARRETT_IC_7 23710	44.05 2.77 -10.81	43.41 2.49 -12.28	40.01 2.36 -11.68	36.32 2.28 -9.01	33.15 2.21 -6.33	31.39 2.21 -4.94	26.25 2.19 0.00	26.99 2.32 0.00	39.03 2.66 -10.54	43.04 2.85 -11.94	40.57 3.31 -5.73	47.97 3.49 -8.82	50.01 3.47 -6.69	53.50 3.55 -8.14	54.79 3.75 -5.80	58.87 4.51 0.00	66.70 5.06 -2.16	80.81 5.72 -6.24	79.78 5.43 0.00	72.31 4.48 0.00	59.44 3.78 -0.11	54.97 3.44 -6.84	50.87 3.59 -8.70	48.46 3.37 -9.93
BARRETT_IC_8 23711	44.02 2.74 -10.81	43.41 2.49 -12.28	40.03 2.39 -11.68	36.32 2.28 -9.01	33.15 2.22 -6.33	31.37 2.18 -4.94	26.20 2.14 0.00	27.01 2.34 0.00	39.03 2.66 -10.54	43.01 2.82 -11.94	40.57 3.31 -5.73	48.00 3.53 -8.82	49.97 3.43 -6.69	53.25 3.30 -8.14	54.78 3.75 -5.80	58.82 4.46 0.00	66.65 5.00 -2.16	80.81 5.71 -6.24	79.93 5.58 0.00	72.45 4.62 0.00	59.44 3.78 -0.11	55.01 3.49 -6.84	50.88 3.59 -8.71	48.46 3.37 -9.94
BARRETT_IC_9 23700	44.02 2.74 -10.81	43.41 2.49 -12.28	40.03 2.39 -11.68	36.32 2.28 -9.01	33.15 2.22 -6.33	31.37 2.18 -4.94	26.20 2.14 0.00	27.01 2.34 0.00	39.03 2.66 -10.54	43.01 2.82 -11.94	40.57 3.31 -5.73	48.00 3.53 -8.82	49.97 3.43 -6.69	53.25 3.30 -8.14	54.78 3.75 -5.80	58.82 4.46 0.00	66.65 5.00 -2.16	80.81 5.71 -6.24	79.93 5.58 0.00	72.45 4.62 0.00	59.44 3.78 -0.11	55.01 3.49 -6.84	50.88 3.59 -8.71	48.46 3.37 -9.94
BARRETT___1 23545	44.02 2.74 -10.81	43.41 2.49 -12.28	40.03 2.39 -11.68	36.32 2.28 -9.01	33.15 2.22 -6.33	31.37 2.18 -4.94	26.20 2.14 0.00	27.01 2.34 0.00	39.03 2.66 -10.54	43.01 2.82 -11.94	40.57 3.31 -5.73	48.00 3.53 -8.82	49.97 3.43 -6.69	53.25 3.30 -8.14	54.78 3.75 -5.80	58.82 4.46 0.00	66.65 5.00 -2.16	80.81 5.71 -6.24	79.93 5.58 0.00	72.45 4.62 0.00	59.44 3.78 -0.11	55.01 3.49 -6.84	50.88 3.59 -8.71	48.46 3.37 -9.94
BARRETT___2 23546	44.02 2.74 -10.81	43.41 2.49 -12.28	40.03 2.39 -11.68	36.32 2.28 -9.01	33.15 2.22 -6.33	31.37 2.18 -4.94	26.20 2.14 0.00	27.01 2.34 0.00	39.03 2.66 -10.54	43.01 2.82 -11.94	40.57 3.31 -5.73	48.00 3.53 -8.82	49.97 3.43 -6.69	53.25 3.30 -8.14	54.78 3.75 -5.80	58.82 4.46 0.00	66.65 5.00 -2.16	80.81 5.71 -6.24	79.93 5.58 0.00	72.45 4.62 0.00	59.44 3.78 -0.11	55.01 3.49 -6.84	50.88 3.59 -8.71	48.46 3.37 -9.94
BATAVIA__115KV_TB1 55881	31.08 0.61 0.00	29.01 0.37 0.00	26.02 0.05 0.00	25.00 -0.03 0.00	24.46 -0.15 0.00	24.03 -0.22 0.00	23.75 -0.31 0.00	24.42 -0.25 0.00	25.70 -0.13 0.00	28.67 0.42 0.00	31.66 0.13 0.00	36.29 0.64 0.00	40.69 0.84 0.00	41.89 0.08 0.00	45.87 0.63 0.00	54.36 0.00 0.00	59.49 0.00 0.00	69.13 0.28 0.00	76.21 1.86 0.00	68.65 0.81 0.00	56.05 0.50 0.00	45.63 0.94 0.00	39.23 0.66 0.00	35.71 0.56 0.00
BAYONEEC___CTG1 323682	33.03 2.56 0.00	30.93 2.29 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.53 1.92 0.00	26.12 1.87 0.00	26.03 1.97 0.00	26.79 2.12 0.00	28.28 2.45 0.00	30.98 2.74 0.00	34.81 3.28 0.00	39.15 3.50 0.00	43.12 3.27 0.00	44.82 3.01 0.00	45.23 3.44 3.44	45.57 4.35 13.14	47.30 4.52 16.71	54.27 5.17 19.75	59.58 4.91 19.68	51.22 4.14 20.76	44.85 3.50 14.20	45.57 3.13 2.25	41.85 3.28 0.00	38.32 3.16 0.00
BAYONEEC___CTG10 323750	33.03 2.56 0.00	30.93 2.29 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.53 1.92 0.00	26.12 1.87 0.00	26.03 1.97 0.00	26.79 2.12 0.00	28.28 2.45 0.00	30.98 2.74 0.00	34.81 3.28 0.00	39.15 3.50 0.00	43.12 3.27 0.00	44.82 3.01 0.00	45.23 3.44 3.44	45.57 4.35 13.14	47.30 4.52 16.71	54.27 5.17 19.75	59.58 4.91 19.68	51.22 4.14 20.76	44.85 3.50 14.20	45.57 3.13 2.25	41.85 3.28 0.00	38.32 3.16 0.00
BAYONEEC___CTG2 323683	33.03 2.56 0.00	30.93 2.29 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.53 1.92 0.00	26.12 1.87 0.00	26.03 1.97 0.00	26.79 2.12 0.00	28.28 2.45 0.00	30.98 2.74 0.00	34.81 3.28 0.00	39.15 3.50 0.00	43.12 3.27 0.00	44.82 3.01 0.00	45.23 3.44 3.44	45.57 4.35 13.14	47.30 4.52 16.71	54.27 5.17 19.75	59.58 4.91 19.68	51.22 4.14 20.76	44.85 3.50 14.20	45.57 3.13 2.25	41.85 3.28 0.00	38.32 3.16 0.00
BAYONEEC___CTG3 323684	33.03 2.56 0.00	30.93 2.29 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.53 1.92 0.00	26.12 1.87 0.00	26.03 1.97 0.00	26.79 2.12 0.00	28.28 2.45 0.00	30.98 2.74 0.00	34.81 3.28 0.00	39.15 3.50 0.00	43.12 3.27 0.00	44.82 3.01 0.00	45.23 3.44 3.44	45.57 4.35 13.14	47.30 4.52 16.71	54.27 5.17 19.75	59.58 4.91 19.68	51.22 4.14 20.76	44.85 3.50 14.20	45.57 3.13 2.25	41.85 3.28 0.00	38.32 3.16 0.00
BAYONEEC___CTG4 323685	33.03 2.56 0.00	30.93 2.29 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.53 1.92 0.00	26.12 1.87 0.00	26.03 1.97 0.00	26.79 2.12 0.00	28.28 2.45 0.00	30.98 2.74 0.00	34.81 3.28 0.00	39.15 3.50 0.00	43.12 3.27 0.00	44.82 3.01 0.00	45.23 3.44 3.44	45.57 4.35 13.14	47.30 4.52 16.71	54.27 5.17 19.75	59.58 4.91 19.68	51.22 4.14 20.76	44.85 3.50 14.20	45.57 3.13 2.25	41.85 3.28 0.00	38.32 3.16 0.00
BAYONEEC___CTG5 323686	33.03 2.56 0.00	30.93 2.29 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.53 1.92 0.00	26.12 1.87 0.00	26.03 1.97 0.00	26.79 2.12 0.00	28.28 2.45 0.00	30.98 2.74 0.00	34.81 3.28 0.00	39.15 3.50 0.00	43.12 3.27 0.00	44.82 3.01 0.00	45.23 3.44 3.44	45.57 4.35 13.14	47.30 4.52 16.71	54.27 5.17 19.75	59.58 4.91 19.68	51.22 4.14 20.76	44.85 3.50 14.20	45.57 3.13 2.25	41.85 3.28 0.00	38.32 3.16 0.00
BAYONEEC___CTG6 323687	33.03 2.56 0.00	30.93 2.29 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.53 1.92 0.00	26.12 1.87 0.00	26.03 1.97 0.00	26.79 2.12 0.00	28.28 2.45 0.00	30.98 2.74 0.00	34.81 3.28 0.00	39.15 3.50 0.00	43.12 3.27 0.00	44.82 3.01 0.00	45.23 3.44 3.44	45.57 4.35 13.14	47.30 4.52 16.71	54.27 5.17 19.75	59.58 4.91 19.68	51.22 4.14 20.76	44.85 3.50 14.20	45.57 3.13 2.25	41.85 3.28 0.00	38.32 3.16 0.00

BAYONEEC___CTG7 323688	33.03 2.56 0.00	30.93 2.29 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.53 1.92 0.00	26.12 1.87 0.00	26.03 1.97 0.00	26.79 2.12 0.00	28.28 2.45 0.00	30.98 2.74 0.00	34.81 3.28 0.00	39.15 3.50 0.00	43.12 3.27 0.00	44.82 3.01 0.00	45.23 3.44 0.00	45.57 4.35 13.14	47.30 4.52 16.71	54.27 5.17 19.75	59.58 4.91 19.68	51.22 4.14 20.76	44.85 3.50 14.20	45.57 3.13 2.25	41.85 3.28 0.00	38.32 3.16 0.00
BAYONEEC___CTG8 323689	33.03 2.56 0.00	30.93 2.29 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.53 1.92 0.00	26.12 1.87 0.00	26.03 1.97 0.00	26.79 2.12 0.00	28.28 2.45 0.00	30.98 2.74 0.00	34.81 3.28 0.00	39.15 3.50 0.00	43.12 3.27 0.00	44.82 3.01 0.00	45.23 3.44 0.00	45.57 4.35 13.14	47.30 4.52 16.71	54.27 5.17 19.75	59.58 4.91 19.68	51.22 4.14 20.76	44.85 3.50 14.20	45.57 3.13 2.25	41.85 3.28 0.00	38.32 3.16 0.00
BAYONEEC___CTG9 323749	33.03 2.56 0.00	30.93 2.29 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.53 1.92 0.00	26.12 1.87 0.00	26.03 1.97 0.00	26.79 2.12 0.00	28.28 2.45 0.00	30.98 2.74 0.00	34.81 3.28 0.00	39.15 3.50 0.00	43.12 3.27 0.00	44.82 3.01 0.00	45.23 3.44 0.00	45.57 4.35 13.14	47.30 4.52 16.71	54.27 5.17 19.75	59.58 4.91 19.68	51.22 4.14 20.76	44.85 3.50 14.20	45.57 3.13 2.25	41.85 3.28 0.00	38.32 3.16 0.00
BEACON___LESR 323632	31.51 1.04 0.00	29.79 1.15 0.00	27.16 1.19 0.00	26.21 1.18 0.00	25.77 1.16 0.00	25.41 1.16 0.00	25.17 1.11 0.00	25.68 1.01 0.00	26.83 1.01 0.00	29.15 0.90 0.00	32.38 0.85 0.00	36.61 0.96 0.00	40.85 1.00 0.00	42.77 0.96 0.00	46.50 1.26 0.00	56.26 1.90 0.00	61.69 2.20 0.00	71.54 2.68 0.00	77.18 2.82 0.00	70.41 2.58 0.00	58.44 2.22 -0.66	46.43 1.74 0.00	39.85 1.27 0.00	36.35 1.20 0.00
BEAVER RIVER___HYD 24048	27.38 -0.79 2.30	25.84 -0.77 2.03	23.59 -0.78 1.60	22.88 -0.80 1.35	22.57 -0.79 1.25	22.33 -0.78 1.14	22.12 -0.82 1.12	22.46 -0.91 1.30	23.19 -1.06 1.58	24.99 -1.16 2.10	27.44 -1.39 2.70	30.72 -1.43 3.50	33.85 -1.60 4.41	35.35 -1.50 4.95	37.88 -1.76 5.59	45.10 -2.01 7.25	49.65 -1.96 7.88	57.29 -1.86 9.72	73.17 -1.26 -0.08	70.45 -0.47 -3.09	57.03 -0.22 -1.69	45.38 -0.40 -1.09	33.65 -0.66 4.27	31.18 -0.74 3.24
BEEBEE_GT_13 23619	30.71 0.24 0.00	28.73 0.09 0.00	25.86 -0.10 0.00	24.83 -0.20 0.00	24.34 -0.27 0.00	23.91 -0.34 0.00	23.70 -0.36 0.00	24.35 -0.32 0.00	25.62 -0.21 0.00	28.44 0.20 0.00	31.50 -0.03 0.00	36.01 0.36 0.00	40.41 0.56 0.00	41.89 0.08 0.00	45.64 0.41 0.00	54.47 0.11 0.00	59.55 0.06 0.00	69.13 0.28 0.00	75.69 1.34 0.00	68.38 0.54 0.00	55.94 0.39 0.00	45.32 0.63 0.00	39.00 0.42 0.00	35.47 0.32 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.52 3.05 -0.01	31.37 2.72 -0.01	28.44 2.47 -0.01	27.28 2.25 0.00	26.77 2.17 0.00	26.33 2.09 0.00	26.18 2.12 0.00	26.91 2.24 0.00	28.49 2.66 0.00	31.24 2.99 0.00	35.22 3.69 0.00	39.57 3.92 0.00	43.60 3.75 0.00	45.57 3.76 0.00	49.03 3.80 0.01	64.99 5.00 -5.62	77.04 5.35 -12.20	89.35 5.78 -14.71	79.92 5.58 0.01	79.59 4.75 -7.01	70.58 4.06 -10.97	48.26 3.58 0.00	42.56 3.97 -0.01	38.89 3.73 -0.01
BETHLEHEM___GRP 23843	30.99 0.52 0.00	29.30 0.66 0.00	26.82 0.86 0.00	25.88 0.85 0.00	25.47 0.86 0.00	25.12 0.87 0.00	24.88 0.82 0.00	25.38 0.72 0.00	26.47 0.65 0.00	28.70 0.45 0.00	31.91 0.38 0.00	36.04 0.39 0.00	40.17 0.32 0.00	42.22 0.42 0.00	45.69 0.45 0.00	55.23 0.87 0.00	60.44 0.95 0.00	70.03 1.17 0.00	75.47 1.12 0.00	68.85 1.02 0.00	57.15 0.94 -0.65	45.45 0.76 0.00	39.12 0.54 0.00	35.75 0.60 0.00
BETHLEHEM___GS1 323560	30.99 0.52 0.00	29.30 0.66 0.00	26.79 0.83 0.00	25.88 0.85 0.00	25.47 0.86 0.00	25.10 0.85 0.00	24.85 0.79 0.00	25.38 0.72 0.00	26.45 0.62 0.00	28.72 0.48 0.00	31.91 0.38 0.00	36.01 0.36 0.00	40.13 0.28 0.00	42.02 0.21 0.00	45.69 0.45 0.00	55.18 0.82 0.00	60.39 0.89 0.00	70.03 1.17 0.00	75.47 1.12 0.00	68.85 1.02 0.00	57.15 0.94 -0.65	45.45 0.76 0.00	39.12 0.54 0.00	35.71 0.56 0.00
BETHLEHEM___GS2 323561	30.99 0.52 0.00	29.30 0.66 0.00	26.79 0.83 0.00	25.88 0.85 0.00	25.47 0.86 0.00	25.10 0.85 0.00	24.85 0.79 0.00	25.38 0.72 0.00	26.45 0.62 0.00	28.72 0.48 0.00	31.91 0.38 0.00	36.01 0.36 0.00	40.13 0.28 0.00	42.02 0.21 0.00	45.69 0.45 0.00	55.18 0.82 0.00	60.39 0.89 0.00	70.03 1.17 0.00	75.47 1.12 0.00	68.85 1.02 0.00	57.15 0.94 -0.65	45.45 0.76 0.00	39.12 0.54 0.00	35.71 0.56 0.00
BETHLEHEM___GS3 323562	30.99 0.52 0.00	29.30 0.66 0.00	26.79 0.83 0.00	25.88 0.85 0.00	25.47 0.86 0.00	25.10 0.85 0.00	24.85 0.79 0.00	25.38 0.72 0.00	26.45 0.62 0.00	28.72 0.48 0.00	31.91 0.38 0.00	36.01 0.36 0.00	40.13 0.28 0.00	42.02 0.21 0.00	45.69 0.45 0.00	55.18 0.82 0.00	60.39 0.89 0.00	70.03 1.17 0.00	75.47 1.12 0.00	68.85 1.02 0.00	57.15 0.94 -0.65	45.45 0.76 0.00	39.12 0.54 0.00	35.71 0.56 0.00
BETHLEHEM___STEEL 23779	30.80 0.34 0.00	28.73 0.09 0.00	25.83 -0.13 0.00	24.83 -0.20 0.00	24.29 -0.32 0.00	23.91 -0.34 0.00	23.65 -0.41 0.00	24.32 -0.35 0.00	25.62 -0.21 0.00	28.64 0.40 0.00	31.72 0.19 0.00	36.29 0.64 0.00	40.65 0.80 0.00	41.72 -0.08 0.00	45.73 0.50 0.00	54.03 -0.33 0.00	59.13 -0.36 0.00	68.31 -0.55 0.00	74.95 0.59 0.00	67.56 -0.27 0.00	54.83 -0.72 0.00	44.78 0.09 0.00	38.65 0.08 0.00	35.26 0.11 0.00
BETHLHEM_115KV_TB1 79974	31.05 0.58 0.00	29.36 0.72 0.00	26.85 0.88 0.00	25.90 0.88 0.00	25.47 0.86 0.00	25.12 0.87 0.00	24.88 0.82 0.00	25.43 0.76 0.00	26.52 0.70 0.00	28.78 0.54 0.00	32.00 0.47 0.00	36.15 0.50 0.00	40.29 0.44 0.00	42.35 0.54 0.00	45.82 0.59 0.00	55.34 0.98 0.00	60.62 1.13 0.00	70.17 1.31 0.00	75.62 1.26 0.00	68.99 1.15 0.00	57.23 1.06 -0.62	45.54 0.85 0.00	39.23 0.66 0.00	35.82 0.67 0.00
BETHPAGE_CC_5 323564	44.23 2.95 -10.81	43.61 2.69 -12.28	40.14 2.49 -11.68	36.39 2.35 -9.01	33.25 2.31 -6.33	31.46 2.28 -4.94	26.27 2.21 0.00	27.11 2.44 0.00	39.13 2.76 -10.54	43.18 2.99 -11.94	41.06 3.56 -5.97	49.19 3.85 -9.69	51.80 3.63 -8.33	55.20 3.55 -9.85	56.74 4.07 -7.44	60.78 4.73 -1.69	70.74 5.36 -5.89	85.03 6.27 -9.90	84.76 6.17 -4.24	76.66 5.02 -3.80	61.80 4.05 -2.19	56.99 3.80 -8.51	51.61 3.59 -9.45	49.41 3.37 -10.88
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.86 0.40 0.00	28.78 0.14 0.00	25.91 -0.05 0.00	24.88 -0.15 0.00	24.34 -0.27 0.00	23.96 -0.29 0.00	23.72 -0.34 0.00	24.37 -0.30 0.00	25.67 -0.15 0.00	28.70 0.45 0.00	31.81 0.28 0.00	36.43 0.78 0.00	40.81 0.96 0.00	41.89 0.08 0.00	45.91 0.68 0.00	54.25 -0.11 0.00	59.43 -0.06 0.00	68.58 -0.28 0.00	75.24 0.89 0.00	67.77 -0.07 0.00	55.05 -0.50 0.00	44.91 0.22 0.00	38.77 0.19 0.00	35.33 0.18 0.00

BINGHAMTON___COGEN 23790	31.50 0.67 -0.36	29.38 0.52 -0.22	26.33 0.36 0.00	25.35 0.33 0.00	24.88 0.27 0.00	24.54 0.29 0.00	24.32 0.26 0.00	24.94 0.27 0.00	26.16 0.34 0.00	28.92 0.59 -0.09	32.42 0.60 -0.29	36.98 0.82 -0.51	41.42 0.88 -0.69	43.22 0.75 -0.66	47.09 1.00 -0.86	56.71 0.98 -1.37	62.49 1.13 -1.86	72.49 1.31 -2.32	78.99 1.93 -2.70	71.73 1.49 -2.40	57.92 1.00 -1.37	46.52 0.98 -0.85	39.91 0.89 -0.44	36.39 0.70 -0.54
BIXINCNT_115KV_LOAD 355685	31.02 0.55 0.00	28.93 0.29 0.00	26.02 0.05 0.00	25.00 -0.03 0.00	24.46 -0.15 0.00	24.13 -0.12 0.00	23.87 -0.19 0.00	24.54 -0.12 0.00	25.90 0.08 0.00	28.95 0.71 0.00	32.16 0.63 0.00	36.75 1.11 0.00	41.13 1.28 0.00	42.18 0.38 0.00	46.27 1.04 0.00	54.58 0.22 0.00	59.85 0.36 0.00	69.00 0.14 0.00	75.62 1.26 0.00	68.17 0.34 0.00	55.33 -0.22 0.00	45.05 0.36 0.00	39.04 0.46 0.00	35.15 0.00 0.00
BLACK RIVER___HYD 24047	28.71 -0.61 1.15	26.85 -0.66 1.13	24.17 -0.68 1.12	23.36 -0.73 0.94	23.00 -0.74 0.87	22.73 -0.73 0.80	22.49 -0.79 0.78	22.83 -0.94 0.90	23.62 -1.11 1.10	25.70 -1.19 1.35	28.57 -1.45 1.51	32.36 -1.50 1.79	36.02 -1.64 2.20	37.65 -1.55 2.61	40.54 -1.90 2.79	48.93 -2.12 3.31	54.47 -1.91 3.11	63.33 -1.72 3.81	77.13 -0.74 -3.52	73.20 0.14 -5.23	58.70 0.28 -2.87	46.58 0.04 -1.85	35.85 -0.31 2.41	33.12 -0.46 1.57
BLACKRVR_115KV_TB2 79977	28.71 -0.61 1.15	26.85 -0.66 1.13	24.17 -0.68 1.12	23.36 -0.73 0.94	23.00 -0.74 0.87	22.73 -0.73 0.80	22.46 -0.82 0.78	22.83 -0.94 0.90	23.61 -1.11 1.10	25.70 -1.19 1.35	28.53 -1.48 1.51	32.36 -1.50 1.79	36.02 -1.63 2.20	37.61 -1.59 2.61	40.54 -1.90 2.79	48.93 -2.12 3.31	54.41 -1.96 3.11	63.33 -1.72 3.81	77.13 -0.74 -3.52	73.20 0.14 -5.23	58.70 0.28 -2.87	46.58 0.04 -1.85	35.85 -0.31 2.41	33.12 -0.46 1.57
BLISS_WT_PWR 323608	30.99 0.52 0.00	28.90 0.26 0.00	26.02 0.05 0.00	24.98 -0.05 0.00	24.46 -0.15 0.00	24.18 -0.07 0.00	23.87 -0.19 0.00	24.52 -0.15 0.00	26.01 0.18 0.00	28.95 0.71 0.00	32.29 0.76 0.00	36.76 1.11 0.00	41.37 1.51 0.00	43.69 1.88 0.00	46.32 1.08 0.00	54.63 0.27 0.00	60.26 0.77 0.00	68.93 0.07 0.00	75.61 1.26 0.00	68.18 0.34 0.00	55.44 -0.11 0.00	45.00 0.32 0.00	39.12 0.54 0.00	35.15 0.00 0.00
BLUESTONE___WT_PWR 323821	33.18 2.41 -0.30	30.95 2.12 -0.19	27.75 1.79 0.00	26.68 1.65 0.00	26.19 1.58 0.00	25.87 1.62 0.00	25.58 1.52 0.00	26.12 1.45 0.00	27.38 1.55 0.00	30.21 1.89 -0.07	33.70 1.92 -0.25	38.44 2.35 -0.44	43.11 2.67 -0.59	45.59 3.22 -0.56	49.23 3.26 -0.74	59.55 4.02 -1.17	65.78 4.70 -1.59	76.42 5.58 -1.99	83.73 7.07 -2.31	76.61 6.72 -2.05	62.11 5.33 -1.22	49.57 4.16 -0.73	42.27 3.32 -0.38	38.46 2.85 -0.46
BLUE_CIRC_CHEM_DRP 24182	31.32 0.85 0.00	29.70 1.06 0.00	27.08 1.12 0.00	26.13 1.10 0.00	25.67 1.06 0.00	25.32 1.07 0.00	25.04 0.99 0.00	25.55 0.89 0.00	26.63 0.80 0.00	28.89 0.65 0.00	32.00 0.47 0.00	36.11 0.46 0.00	40.29 0.44 0.00	42.35 0.54 0.00	45.82 0.59 0.00	55.45 1.09 0.00	60.80 1.31 0.00	70.51 1.65 0.00	76.21 1.86 0.00	69.67 1.83 0.00	57.65 1.61 -0.48	45.99 1.30 0.00	39.58 1.00 0.00	36.14 0.98 0.00
BOC_GAS_DRP 24189	31.23 0.76 0.00	29.47 0.83 0.00	26.85 0.88 0.00	25.90 0.88 0.00	25.47 0.86 0.00	25.10 0.85 0.00	24.88 0.82 0.00	25.46 0.79 0.00	26.63 0.80 0.00	28.98 0.73 0.00	32.26 0.73 0.00	36.40 0.75 0.00	40.57 0.72 0.00	42.60 0.79 0.00	46.05 0.81 0.00	55.61 1.25 0.00	60.80 1.31 0.00	70.37 1.51 0.00	75.76 1.41 0.00	69.12 1.29 0.00	57.17 1.17 -0.45	45.67 0.98 0.00	39.42 0.85 0.00	36.03 0.88 0.00
BOONVILLE_115KV_TB1 79983	30.16 0.52 0.82	28.33 0.43 0.74	25.72 0.36 0.60	24.82 0.30 0.51	24.43 0.30 0.47	24.11 0.29 0.43	23.88 0.24 0.42	24.37 0.20 0.49	25.39 0.15 0.60	27.69 0.23 0.78	30.70 0.16 0.98	34.68 0.29 1.26	38.59 0.32 1.58	40.48 0.46 1.79	43.73 0.50 2.00	52.50 0.71 2.56	57.71 0.95 2.74	66.86 1.38 3.37	76.66 1.93 -0.38	71.48 2.17 -1.47	58.14 1.78 -0.81	46.51 1.30 -0.52	37.91 0.89 1.56	34.70 0.70 1.15
BORALEX_4TH_BRANCH 23824	32.27 1.80 0.00	30.45 1.80 0.00	27.65 1.69 0.00	26.63 1.60 0.00	26.18 1.57 0.00	25.82 1.58 0.00	25.50 1.44 0.00	26.07 1.41 0.00	27.38 1.55 0.00	29.60 1.36 0.00	33.04 1.51 0.00	37.25 1.60 0.00	41.56 1.71 0.00	43.77 1.96 0.00	47.31 2.08 0.00	57.24 2.88 0.00	62.64 3.15 0.00	72.71 3.86 0.00	78.14 3.79 0.00	71.29 3.46 0.00	59.39 2.94 -0.89	47.01 2.32 0.00	40.43 1.85 0.00	37.16 2.00 0.00
BOWLINE___1 23526	32.66 2.19 0.00	30.62 1.97 0.00	27.78 1.82 0.00	26.71 1.68 0.00	26.23 1.62 0.00	25.85 1.60 0.00	25.70 1.64 0.00	26.39 1.73 0.00	27.84 2.02 0.00	30.47 2.23 0.00	34.21 2.68 0.00	38.50 2.85 0.00	42.48 2.63 0.00	44.40 2.59 0.00	48.22 2.98 0.00	58.11 3.75 0.00	63.42 3.93 0.00	73.40 4.54 0.00	78.74 4.39 0.00	71.50 3.66 0.00	58.66 3.00 -0.11	47.28 2.59 0.00	41.20 2.62 0.00	37.65 2.50 0.00
BOWLINE___2 23595	32.66 2.19 0.00	30.62 1.97 0.00	27.78 1.82 0.00	26.71 1.68 0.00	26.23 1.62 0.00	25.85 1.60 0.00	25.70 1.64 0.00	26.39 1.73 0.00	27.84 2.02 0.00	30.47 2.23 0.00	34.21 2.68 0.00	38.47 2.82 0.00	42.44 2.59 0.00	44.31 2.51 0.00	48.13 2.90 0.00	58.00 3.64 0.00	63.36 3.86 0.00	73.33 4.47 0.00	78.59 4.24 0.00	71.36 3.53 0.00	58.55 2.89 -0.11	47.19 2.50 0.00	41.12 2.55 0.00	37.61 2.46 0.00
BRADY___115KV_TB2 356060	19.96 -1.01 9.51	19.80 -0.86 7.98	19.64 -0.80 5.52	19.55 -0.83 4.65	19.50 -0.81 4.30	19.49 -0.82 3.93	19.46 -0.75 3.85	19.46 -0.74 4.47	19.48 -0.90 5.44	19.64 -0.99 7.62	19.85 -1.07 10.61	20.12 -1.21 14.32	20.40 -1.20 18.26	20.61 -1.21 19.99	20.74 -1.40 23.09	21.32 -1.96 31.08	21.87 -2.20 35.42	22.51 -2.55 43.80	59.90 -2.75 11.70	66.07 -1.76 0.00	54.50 -1.06 0.00	43.44 -1.25 0.00	20.63 -1.27 16.67	20.34 -1.27 13.54
BRANSCOMB___SOLAR 323811	32.20 1.74 0.00	30.36 1.72 0.00	27.52 1.56 0.00	26.53 1.50 0.00	26.04 1.43 0.00	25.65 1.41 0.00	25.38 1.32 0.00	25.85 1.18 0.00	27.12 1.29 0.00	29.52 1.27 0.00	32.82 1.29 0.00	37.15 1.50 0.00	41.56 1.71 0.00	43.48 1.67 0.00	47.22 1.99 0.00	57.18 2.82 0.00	62.70 3.21 0.00	72.78 3.92 0.00	79.11 4.76 0.00	72.51 4.68 0.00	60.79 4.05 -1.18	47.86 3.17 0.00	40.93 2.35 0.00	37.23 2.07 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	44.67 3.38 -10.82	44.10 3.18 -12.28	40.50 2.86 -11.68	36.69 2.65 -9.01	33.52 2.58 -6.33	31.78 2.59 -4.94	26.61 2.55 0.00	27.36 2.69 0.00	39.44 3.07 -10.54	43.60 3.42 -11.94	43.78 3.88 -8.37	57.93 3.92 -18.36	68.35 3.79 -24.71	72.61 3.93 -26.88	73.29 4.21 -23.85	77.88 4.89 -18.63	108.39 5.65 -43.25	121.95 6.47 -46.62	127.41 6.39 -46.67	114.96 5.22 -41.90	82.85 4.28 -23.02	73.85 3.93 -25.23	59.44 3.97 -16.89	60.62 3.83 -21.64

BRISTLHL_115KV_TB1 79998	31.66 -0.27 -1.46	29.18 -0.32 -0.86	25.48 -0.34 0.14	24.58 -0.33 0.12	24.15 -0.34 0.11	23.78 -0.36 0.10	23.60 -0.36 0.10	24.21 -0.35 0.11	25.27 -0.41 0.14	28.12 -0.34 -0.22	32.24 -0.41 -1.12	37.33 -0.39 -2.07	42.27 -0.40 -2.82	44.03 -0.42 -2.64	48.28 -0.50 -3.54	59.47 -0.65 -5.76	66.91 -0.59 -8.01	78.24 -0.62 -10.00	86.69 -0.30 -12.64	78.92 -0.41 -11.49	61.42 -0.44 -6.31	48.48 -0.27 -4.06	40.03 -0.23 -1.69	37.13 -0.25 -2.23
BROOKHAVEN___DRP 24191	44.81 3.47 -10.87	44.14 3.21 -12.29	40.50 2.86 -11.68	36.64 2.60 -9.01	33.47 2.53 -6.33	31.73 2.55 -4.94	26.54 2.48 0.00	27.31 2.64 0.00	39.44 3.07 -10.54	43.66 3.47 -11.94	53.80 4.04 -18.23	93.86 4.31 -53.89	136.07 4.34 -91.88	143.01 4.52 -96.69	141.21 4.84 -91.14	147.98 5.54 -88.08	262.14 6.25 -196.40	273.13 7.16 -197.11	302.09 7.14 -220.60	271.87 5.97 -198.06	168.92 4.94 -108.42	142.89 4.42 -93.78	90.10 4.13 -47.40	52.48 3.87 -13.46
BROOKLYN_NAVY_YARD 23515	33.06 2.59 0.00	30.96 2.32 0.00	28.09 2.13 0.00	26.98 1.95 0.00	26.53 1.92 0.00	26.12 1.87 0.00	26.03 1.97 0.00	26.81 2.14 0.00	28.31 2.48 0.00	31.04 2.80 0.00	34.84 3.31 0.00	39.18 3.53 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.81 3.57 0.00	58.87 4.51 0.00	64.19 4.70 0.00	74.23 5.37 0.00	79.55 5.20 0.00	72.24 4.41 0.00	59.39 3.72 -0.11	47.95 3.26 0.00	41.93 3.35 0.00	38.35 3.20 0.00
BROOKLYN___ARMY_DRP 323595	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
BROOKVLE_69_KV_TB1 55790	44.51 3.23 -10.81	43.84 2.92 -12.28	40.29 2.65 -11.68	36.52 2.48 -9.01	33.35 2.41 -6.33	31.59 2.40 -4.94	26.42 2.36 0.00	27.18 2.52 0.00	39.29 2.92 -10.54	43.43 3.25 -11.94	41.20 3.94 -5.73	48.82 4.35 -8.82	50.97 4.42 -6.69	54.34 4.39 -8.14	55.78 4.75 -5.80	60.01 5.65 0.00	68.01 6.37 -2.16	82.32 7.23 -6.24	81.49 7.14 0.00	73.67 5.83 0.00	60.44 4.78 -0.11	55.86 4.33 -6.84	51.33 4.05 -8.70	49.02 3.94 -9.93
BROOME_2_LFGE 323671	31.49 0.67 -0.36	29.38 0.52 -0.22	26.35 0.39 0.00	25.35 0.32 0.00	24.88 0.27 0.00	24.56 0.31 0.00	24.30 0.24 0.00	24.94 0.27 0.00	26.19 0.36 0.00	28.92 0.59 -0.09	32.45 0.63 -0.29	36.98 0.82 -0.51	41.49 0.95 -0.69	43.59 1.13 -0.66	47.09 0.99 -0.86	56.71 0.98 -1.37	62.61 1.25 -1.86	72.49 1.31 -2.32	78.99 1.93 -2.70	71.73 1.49 -2.40	57.92 1.00 -1.37	46.52 0.98 -0.85	39.94 0.92 -0.44	36.43 0.74 -0.54
BROOME___LFGE 323600	31.49 0.67 -0.36	29.38 0.52 -0.22	26.35 0.39 0.00	25.35 0.32 0.00	24.88 0.27 0.00	24.56 0.31 0.00	24.30 0.24 0.00	24.94 0.27 0.00	26.19 0.36 0.00	28.92 0.59 -0.09	32.45 0.63 -0.29	36.98 0.82 -0.51	41.49 0.95 -0.69	43.59 1.13 -0.66	47.09 0.99 -0.86	56.71 0.98 -1.37	62.61 1.25 -1.86	72.49 1.31 -2.32	78.99 1.93 -2.70	71.73 1.49 -2.40	57.92 1.00 -1.37	46.52 0.98 -0.85	39.94 0.92 -0.44	36.43 0.74 -0.54
BROWNFLS_115KV_TB_3_5 80003	24.30 -1.52 4.64	23.25 -1.43 3.96	21.74 -1.35 2.88	21.25 -1.35 2.43	21.04 -1.33 2.24	20.89 -1.31 2.05	20.75 -1.30 2.01	21.01 -1.33 2.33	21.49 -1.50 2.84	22.71 -1.64 3.90	24.39 -1.86 5.27	26.60 -2.03 7.02	28.75 -2.19 8.91	29.75 -2.22 9.84	31.47 -2.49 11.28	36.31 -3.04 15.00	39.39 -3.27 16.83	44.55 -3.51 20.79	67.21 -3.42 3.72	67.44 -2.51 -2.11	54.93 -1.78 -1.16	43.69 -1.74 -0.75	28.54 -1.74 8.30	26.84 -1.72 6.59
BROWNSV1_27_KV_LOAD 356125	33.36 2.89 0.00	31.25 2.61 0.00	28.33 2.36 0.00	27.23 2.20 0.00	26.75 2.14 0.00	26.38 2.13 0.00	26.27 2.21 0.00	27.01 2.34 0.00	28.54 2.71 0.00	31.29 3.05 0.00	35.19 3.66 0.00	39.54 3.89 0.00	43.72 3.87 0.00	45.69 3.89 0.00	49.30 4.07 0.00	59.52 5.16 0.00	64.97 5.47 0.00	74.99 6.13 0.00	80.30 5.95 0.00	72.92 5.09 0.00	59.94 4.28 -0.11	48.40 3.71 0.00	42.36 3.78 0.00	38.74 3.59 0.00
BURROWS___LYONSDAL 23803	29.63 0.27 1.11	27.85 0.20 0.99	25.32 0.16 0.80	24.45 0.10 0.67	24.06 0.07 0.62	23.78 0.10 0.57	23.55 0.05 0.56	23.99 -0.02 0.65	24.96 -0.08 0.79	27.15 -0.06 1.04	30.05 -0.16 1.32	33.92 -0.04 1.70	37.64 -0.08 2.13	39.48 0.08 2.41	42.58 0.05 2.70	51.04 0.16 3.48	56.10 0.36 3.75	65.00 0.76 4.62	76.01 1.34 -0.32	71.32 1.70 -1.79	57.98 1.44 -0.98	46.30 0.98 -0.63	37.07 0.58 2.09	34.05 0.46 1.56
CAITHNESS_CC_1 323624	44.75 3.41 -10.86	44.11 3.18 -12.29	40.50 2.86 -11.68	36.64 2.60 -9.01	33.47 2.54 -6.33	31.68 2.50 -4.94	26.44 2.38 0.00	27.33 2.66 0.00	39.42 3.05 -10.54	43.63 3.44 -11.94	53.63 3.94 -18.16	93.48 4.20 -53.63	135.37 4.14 -91.38	142.16 4.18 -96.17	140.53 4.66 -90.63	147.25 5.33 -87.56	260.70 5.95 -195.26	271.80 6.95 -195.99	300.64 6.99 -219.30	270.50 5.76 -196.90	168.00 4.67 -107.78	142.25 4.29 -93.27	89.76 4.01 -47.17	52.37 3.76 -13.46
CALPINE BETH_PAGE_GT4 24209	44.26 2.99 -10.81	43.61 2.69 -12.28	40.11 2.47 -11.68	36.44 2.40 -9.01	33.27 2.34 -6.33	31.51 2.33 -4.94	26.34 2.29 0.00	27.11 2.44 0.00	39.18 2.82 -10.54	43.21 3.02 -11.94	41.04 3.59 -5.91	49.02 3.89 -9.49	51.50 3.71 -7.95	55.06 3.80 -9.45	56.36 4.07 -7.06	60.44 4.78 -1.30	69.93 5.41 -5.02	84.11 6.20 -9.05	83.63 6.02 -3.25	75.64 4.88 -2.92	61.32 4.06 -1.71	56.56 3.75 -8.12	51.44 3.59 -9.27	49.13 3.34 -10.64
CALPINE_BETH_PAGE_GT_4 323586	44.27 2.99 -10.81	43.61 2.69 -12.28	40.14 2.49 -11.68	36.44 2.40 -9.01	33.28 2.34 -6.33	31.49 2.30 -4.94	26.30 2.24 0.00	27.13 2.47 0.00	39.18 2.82 -10.54	43.21 3.02 -11.94	41.04 3.59 -5.91	49.03 3.89 -9.49	51.46 3.66 -7.95	54.81 3.55 -9.45	56.36 4.07 -7.06	60.39 4.73 -1.30	69.87 5.36 -5.02	84.17 6.27 -9.05	83.77 6.17 -3.25	75.77 5.02 -2.92	61.31 4.05 -1.71	56.60 3.80 -8.12	51.40 3.55 -9.28	49.13 3.34 -10.64
CALPINE_BP_GT1 23823	44.27 2.99 -10.81	43.61 2.69 -12.28	40.14 2.49 -11.68	36.44 2.40 -9.01	33.28 2.34 -6.33	31.49 2.30 -4.94	26.30 2.24 0.00	27.13 2.47 0.00	39.18 2.82 -10.54	43.21 3.02 -11.94	41.04 3.59 -5.91	49.03 3.89 -9.49	51.46 3.66 -7.95	54.81 3.55 -9.45	56.36 4.07 -7.06	60.39 4.73 -1.30	69.87 5.36 -5.02	84.17 6.27 -9.05	83.77 6.17 -3.25	75.77 5.02 -2.92	61.31 4.05 -1.71	56.60 3.80 -8.12	51.40 3.55 -9.28	49.13 3.34 -10.64
CALSPAN___DRP 24200	30.80 0.34 0.00	28.73 0.09 0.00	25.83 -0.13 0.00	24.83 -0.20 0.00	24.29 -0.32 0.00	23.91 -0.34 0.00	23.65 -0.41 0.00	24.32 -0.35 0.00	25.62 -0.21 0.00	28.64 0.40 0.00	31.72 0.19 0.00	36.29 0.64 0.00	40.65 0.80 0.00	41.72 -0.08 0.00	45.73 0.50 0.00	54.03 -0.33 0.00	59.13 -0.36 0.00	68.31 -0.55 0.00	74.95 0.59 0.00	67.56 -0.27 0.00	54.83 -0.72 0.00	44.78 0.09 0.00	38.65 0.08 0.00	35.26 0.11 0.00

CALVERTON___SOLAR 323806	44.90 3.56 -10.87	44.22 3.29 -12.29	40.58 2.93 -11.68	36.72 2.68 -9.01	33.54 2.61 -6.33	31.75 2.57 -4.94	26.51 2.46 0.00	27.40 2.74 0.00	39.52 3.15 -10.54	43.74 3.56 -11.94	53.95 4.16 -18.26	94.18 4.53 -54.01	136.44 4.50 -92.09	143.31 4.60 -96.91	141.69 5.11 -91.35	148.53 5.87 -88.30	262.86 6.49 -196.88	274.08 7.64 -197.58	303.23 7.73 -221.14	272.83 6.45 -198.55	169.52 5.28 -108.69	143.42 4.73 -93.99	90.39 4.32 -47.49	52.62 4.01 -13.46
CANDIGU_WT_PWR 323617	31.33 0.67 -0.19	29.22 0.46 -0.12	26.25 0.29 0.00	25.21 0.18 0.00	24.71 0.10 0.00	24.39 0.15 0.00	24.11 0.05 0.00	24.74 0.07 0.00	26.06 0.23 0.00	28.91 0.62 -0.05	32.32 0.63 -0.16	36.78 0.85 -0.27	41.41 1.19 -0.37	43.54 1.38 -0.35	46.55 0.86 -0.46	55.52 0.43 -0.73	61.38 0.89 -1.00	70.79 0.69 -1.24	77.51 1.71 -1.44	70.27 1.15 -1.28	56.76 0.50 -0.70	45.95 0.81 -0.45	39.54 0.73 -0.24	36.00 0.56 -0.29
CARR STREET_E_SYR 24060	30.72 -0.06 -0.31	28.68 -0.11 -0.15	25.67 -0.18 0.11	24.76 -0.17 0.10	24.32 -0.20 0.09	23.97 -0.19 0.08	23.76 -0.22 0.08	24.38 -0.20 0.09	25.51 -0.21 0.11	28.10 -0.11 0.03	31.60 -0.13 -0.20	36.01 -0.07 -0.43	40.38 -0.08 -0.61	42.38 0.04 -0.53	45.90 -0.09 -0.76	55.47 -0.22 -1.32	61.37 -0.06 -1.94	71.15 -0.14 -2.43	78.22 0.22 -3.64	71.35 0.07 -3.45	57.34 -0.11 -1.89	45.91 0.00 -1.22	38.83 -0.04 -0.29	35.64 0.00 -0.49
CARTHAGE___PAPER 23857	28.08 -0.79 1.59	26.36 -0.80 1.48	23.88 -0.78 1.30	23.10 -0.83 1.10	22.78 -0.81 1.02	22.50 -0.82 0.93	22.28 -0.87 0.91	22.65 -0.96 1.06	23.41 -1.14 1.29	25.33 -1.27 1.64	28.04 -1.51 1.97	31.63 -1.57 2.45	35.04 -1.75 3.06	36.57 -1.72 3.52	39.37 -1.99 3.87	47.29 -2.23 4.84	52.40 -2.14 4.96	60.76 -2.00 6.09	75.35 -1.19 -2.19	71.90 -0.34 -4.40	57.91 -0.06 -2.41	45.98 -0.27 -1.55	34.87 -0.58 3.13	32.23 -0.70 2.21
CASSADAGA_WT_PWR 323784	31.81 1.34 0.00	29.64 1.00 0.00	26.66 0.70 0.00	25.58 0.55 0.00	25.03 0.42 0.00	24.73 0.48 0.00	24.42 0.36 0.00	25.16 0.49 0.00	26.63 0.80 0.00	29.68 1.44 0.00	33.20 1.67 0.00	37.79 2.14 0.00	42.60 2.75 0.00	44.98 3.18 0.00	47.76 2.53 0.00	56.31 1.95 0.00	62.23 2.74 0.00	71.13 2.27 0.00	77.99 3.64 0.00	70.27 2.44 0.00	56.89 1.33 0.00	46.16 1.47 0.00	40.00 1.43 0.00	36.31 1.16 0.00
CE_DUNWOOD___DRP 24194	32.85 2.38 0.00	30.79 2.15 0.00	27.94 1.97 0.00	26.88 1.85 0.00	26.41 1.80 0.00	26.04 1.79 0.00	25.86 1.80 0.00	26.57 1.90 0.00	28.05 2.22 0.00	30.67 2.43 0.00	34.46 2.93 0.00	38.75 3.10 0.00	42.88 3.03 0.00	44.90 3.09 0.00	48.54 3.30 0.00	58.55 4.19 0.00	63.95 4.46 0.00	73.88 5.03 0.00	79.18 4.83 0.00	71.90 4.07 0.00	59.05 3.39 -0.11	47.64 2.95 0.00	41.51 2.93 0.00	37.93 2.78 0.00
CE_MILLWOOD___DRP 24193	32.75 2.29 0.00	30.73 2.09 0.00	27.88 1.92 0.00	26.81 1.78 0.00	26.33 1.72 0.00	25.97 1.72 0.00	25.81 1.76 0.00	26.49 1.83 0.00	28.00 2.17 0.00	30.59 2.34 0.00	34.37 2.84 0.00	38.64 2.99 0.00	42.76 2.91 0.00	44.82 3.01 0.00	48.40 3.17 0.00	58.44 4.08 0.00	63.83 4.34 0.00	73.75 4.89 0.00	79.04 4.68 0.00	71.84 4.00 0.00	59.00 3.33 -0.11	47.51 2.82 0.00	41.43 2.85 0.00	37.82 2.67 0.00
CE_NYC2_DRP 24202	33.15 2.68 0.00	31.05 2.41 0.00	28.14 2.18 0.00	27.06 2.03 0.00	26.58 1.97 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.28 2.45 0.00	30.98 2.74 0.00	34.87 3.34 0.00	39.14 3.49 0.00	43.16 3.31 0.00	45.11 3.30 0.00	48.48 3.26 0.01	54.86 4.24 3.74	55.84 4.46 8.11	63.90 4.82 9.78	78.88 4.54 0.01	66.97 3.80 4.66	53.26 3.33 5.62	47.73 3.04 0.00	42.01 3.43 0.00	38.46 3.30 -0.01
CE_NYC_DRP 24195	33.09 2.62 0.00	30.99 2.35 0.00	28.12 2.15 0.00	27.03 2.00 0.00	26.58 1.97 0.00	26.19 1.94 0.00	26.08 2.02 0.00	26.81 2.15 0.00	28.33 2.51 0.00	31.04 2.80 0.00	34.90 3.37 0.00	39.18 3.53 0.00	43.32 3.47 0.00	45.28 3.47 0.00	48.85 3.62 0.00	58.98 4.62 0.00	64.31 4.82 0.00	74.23 5.37 0.00	79.48 5.13 0.00	72.18 4.34 0.00	59.39 3.72 -0.11	47.91 3.22 0.00	41.97 3.39 0.00	38.35 3.20 0.00
CHAFFEE___LFGE 323603	30.86 0.40 0.00	28.79 0.14 0.00	25.91 -0.05 0.00	24.85 -0.17 0.00	24.31 -0.29 0.00	24.05 -0.19 0.00	23.72 -0.34 0.00	24.37 -0.29 0.00	25.78 -0.05 0.00	28.69 0.45 0.00	31.97 0.44 0.00	36.43 0.78 0.00	41.09 1.24 0.00	43.35 1.55 0.00	46.00 0.77 0.00	54.31 -0.05 0.00	59.97 0.47 0.00	68.65 -0.21 0.00	75.32 0.96 0.00	67.90 0.07 0.00	55.17 -0.39 0.00	44.96 0.27 0.00	38.88 0.31 0.00	35.47 0.32 0.00
CHATEAUG_35_KV_LOAD 355732	28.54 -0.79 1.13	27.00 -0.69 0.95	24.63 -0.68 0.66	23.77 -0.70 0.56	23.41 -0.69 0.51	23.08 -0.70 0.47	23.02 -0.58 0.46	23.69 -0.44 0.53	24.76 -0.41 0.65	27.02 -0.31 0.91	30.01 -0.25 1.27	33.69 -0.25 1.71	37.16 -0.52 2.18	38.88 -0.54 2.38	41.85 -0.63 2.75	49.08 -1.58 3.71	53.36 -1.90 4.23	61.50 -2.13 5.23	70.35 -2.60 1.40	66.00 -1.83 0.00	54.44 -1.11 0.00	43.39 -1.30 0.00	35.58 -1.00 1.99	32.24 -1.30 1.62
CHATEAUG_WT_PWR 323614	29.53 -0.30 0.63	27.91 -0.20 0.53	25.34 -0.26 0.37	24.35 -0.37 0.31	23.96 -0.37 0.28	23.58 -0.41 0.26	23.59 -0.22 0.25	24.32 -0.05 0.30	25.60 0.13 0.36	28.13 0.40 0.50	31.43 0.60 0.70	35.41 0.71 0.95	38.72 0.08 1.21	40.57 0.08 1.32	43.71 0.00 1.53	50.89 -1.41 2.06	55.30 -1.84 2.34	63.82 -2.14 2.90	71.05 -2.53 0.77	66.28 -1.56 0.00	54.78 -0.78 0.00	43.84 -0.85 0.00	37.16 -0.31 1.10	33.27 -0.98 0.90
CHAT_HIGH_FALL_HYD 323578	28.54 -0.79 1.13	27.00 -0.69 0.95	24.63 -0.68 0.66	23.77 -0.70 0.56	23.41 -0.69 0.51	23.08 -0.70 0.47	23.02 -0.58 0.46	23.69 -0.44 0.53	24.76 -0.41 0.65	27.02 -0.31 0.91	30.01 -0.25 1.27	33.69 -0.25 1.71	37.16 -0.52 2.18	38.88 -0.54 2.38	41.85 -0.63 2.75	49.08 -1.58 3.71	53.36 -1.90 4.23	61.50 -2.13 5.23	70.35 -2.60 1.40	66.00 -1.83 0.00	54.44 -1.11 0.00	43.39 -1.30 0.00	35.58 -1.00 1.99	32.24 -1.30 1.62
CHAUTAUQUA___LFGE 323629	31.41 0.95 0.00	29.27 0.63 0.00	26.35 0.39 0.00	25.28 0.25 0.00	24.73 0.12 0.00	24.47 0.22 0.00	24.13 0.07 0.00	24.84 0.17 0.00	26.27 0.44 0.00	29.29 1.05 0.00	32.66 1.13 0.00	37.18 1.53 0.00	41.88 2.03 0.00	44.19 2.38 0.00	46.95 1.72 0.00	55.39 1.03 0.00	61.16 1.66 0.00	70.03 1.17 0.00	76.73 2.38 0.00	69.19 1.36 0.00	56.11 0.56 0.00	45.63 0.94 0.00	39.50 0.92 0.00	35.89 0.74 0.00
CHERRYST_13_KV_LD 356241	33.21 2.74 0.00	31.10 2.46 0.00	28.20 2.23 0.00	27.13 2.10 0.00	26.65 2.04 0.00	26.29 2.04 0.00	26.18 2.12 0.00	26.91 2.24 0.00	28.44 2.61 0.00	31.15 2.91 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.48 3.63 0.00	45.44 3.64 0.00	49.03 3.80 0.00	59.20 4.84 0.00	64.61 5.12 0.00	74.57 5.72 0.00	79.85 5.50 0.00	72.52 4.68 0.00	59.61 3.94 -0.11	48.13 3.44 0.00	42.12 3.55 0.00	38.49 3.34 0.00

CHESTROR_138KV_BK263 355645	32.39 1.92 0.00	30.36 1.72 0.00	27.55 1.58 0.00	26.51 1.48 0.00	26.04 1.43 0.00	25.68 1.43 0.00	25.45 1.40 0.00	26.12 1.46 0.00	27.56 1.73 0.00	30.14 1.89 0.00	33.80 2.27 0.00	38.04 2.39 0.00	42.16 2.31 0.00	44.23 2.42 0.00	47.86 2.62 0.00	57.73 3.37 0.00	63.06 3.57 0.00	72.99 4.13 0.00	78.37 4.02 0.00	71.23 3.39 0.00	58.43 2.78 -0.10	47.01 2.32 0.00	40.89 2.31 0.00	37.33 2.18 0.00
CH_MIDHUDSON___DRP 24192	32.66 2.19 0.00	30.68 2.03 0.00	27.83 1.87 0.00	26.78 1.75 0.00	26.31 1.70 0.00	25.92 1.67 0.00	25.72 1.66 0.00	26.37 1.70 0.00	27.84 2.01 0.00	30.36 2.12 0.00	34.05 2.52 0.00	38.32 2.67 0.00	42.56 2.71 0.00	44.69 2.88 0.00	48.31 3.08 0.00	58.38 4.02 0.00	63.83 4.34 0.00	73.88 5.03 0.00	79.26 4.91 0.00	72.04 4.21 0.00	59.12 3.44 -0.12	47.51 2.82 0.00	41.24 2.66 0.00	37.68 2.53 0.00
CH_MISC_IPPS 23765	32.94 2.47 0.00	30.88 2.24 0.00	28.04 2.08 0.00	26.96 1.93 0.00	26.46 1.85 0.00	26.04 1.79 0.00	25.84 1.78 0.00	26.47 1.80 0.00	28.00 2.17 0.00	30.56 2.32 0.00	34.31 2.78 0.00	38.68 3.03 0.00	42.88 3.03 0.00	44.90 3.09 0.00	48.81 3.57 0.00	58.98 4.62 0.00	64.49 5.00 0.00	74.71 5.85 0.00	80.22 5.87 0.00	72.85 5.02 0.00	59.67 4.00 -0.12	47.91 3.22 0.00	41.59 3.01 0.00	37.96 2.81 0.00
CH_RES_BVR_FALLS 23983	30.25 -0.46 -0.24	28.44 -0.40 -0.20	25.71 -0.39 -0.14	24.77 -0.37 -0.12	24.35 -0.37 -0.11	23.98 -0.36 -0.10	23.84 -0.31 -0.10	24.49 -0.29 -0.11	25.66 -0.31 -0.14	28.13 -0.31 -0.19	31.45 -0.35 -0.27	35.62 -0.39 -0.36	39.88 -0.44 -0.46	41.85 -0.46 -0.51	45.32 -0.50 -0.58	54.50 -0.65 -0.79	59.61 -0.78 -0.90	69.07 -0.90 -1.11	73.68 -0.97 -0.30	67.02 -0.81 0.00	54.94 -0.61 0.00	44.06 -0.63 0.00	38.34 -0.66 -0.42	34.83 -0.67 -0.34
CH_RES_NIAGARA 23895	29.62 -0.85 0.00	27.64 -1.00 0.00	24.93 -1.04 0.00	23.90 -1.13 0.00	23.38 -1.23 0.00	23.01 -1.24 0.00	22.78 -1.28 0.00	23.41 -1.26 0.00	24.61 -1.21 0.00	27.51 -0.73 0.00	30.33 -1.20 0.00	34.76 -0.89 0.00	38.93 -0.92 0.00	39.80 -2.01 0.00	43.56 -1.67 0.00	51.42 -2.94 0.00	56.22 -3.27 0.00	65.07 -3.79 0.00	71.53 -2.83 0.00	64.38 -3.46 0.00	52.39 -3.17 0.00	42.95 -1.74 0.00	36.99 -1.58 0.00	33.89 -1.27 0.00
CH_RES_SYRACUSE 23985	31.36 0.12 -0.77	29.14 0.06 -0.44	25.84 -0.03 0.10	24.92 -0.03 0.09	24.48 -0.05 0.08	24.13 -0.05 0.07	23.92 -0.07 0.07	24.54 -0.05 0.08	25.68 -0.05 0.10	28.39 0.06 -0.09	32.17 0.06 -0.58	36.88 0.14 -1.09	41.62 0.28 -1.48	43.65 0.46 -1.38	47.41 0.32 -1.86	57.69 0.27 -3.06	64.31 0.53 -4.28	74.75 0.55 -5.35	82.25 0.96 -6.94	74.94 0.75 -6.35	59.43 0.39 -3.49	47.34 0.40 -2.24	39.75 0.31 -0.86	36.58 0.25 -1.18
CLINTON_WT_PWR 323605	29.53 -0.30 0.63	27.91 -0.20 0.53	25.34 -0.26 0.37	24.35 -0.37 0.31	23.96 -0.37 0.28	23.58 -0.41 0.26	23.59 -0.22 0.25	24.32 -0.05 0.30	25.60 0.13 0.36	28.13 0.40 0.50	31.43 0.60 0.70	35.41 0.71 0.95	38.72 0.08 1.21	40.57 0.08 1.32	43.71 0.00 1.53	50.89 -1.41 2.06	55.30 -1.84 2.34	63.82 -2.14 2.90	71.05 -2.53 0.77	66.28 -1.56 0.00	54.78 -0.78 0.00	43.84 -0.85 0.00	37.16 -0.31 1.10	33.27 -0.98 0.90
CLINTON___LFGE 323618	29.58 -0.18 0.71	27.96 -0.09 0.60	25.37 -0.18 0.41	24.41 -0.27 0.35	23.99 -0.29 0.32	23.62 -0.34 0.29	23.63 -0.14 0.29	24.38 0.05 0.33	25.58 0.16 0.41	28.07 0.40 0.57	31.31 0.57 0.79	35.29 0.71 1.07	38.69 0.20 1.36	40.48 0.17 1.49	43.64 0.14 1.73	50.89 -1.14 2.32	55.24 -1.60 2.65	63.73 -1.86 3.27	71.17 -2.31 0.87	66.54 -1.29 0.00	55.17 -0.39 0.00	44.06 -0.63 0.00	37.14 -0.19 1.25	33.40 -0.74 1.01
COBBLENY_34_KV_TB1 80064	30.86 0.40 0.00	28.78 0.14 0.00	25.89 -0.08 0.00	24.85 -0.18 0.00	24.31 -0.30 0.00	23.96 -0.29 0.00	23.70 -0.36 0.00	24.37 -0.30 0.00	25.67 -0.15 0.00	28.70 0.45 0.00	31.81 0.28 0.00	36.43 0.78 0.00	40.81 0.96 0.00	41.89 0.08 0.00	45.96 0.72 0.00	54.25 -0.11 0.00	59.49 0.00 0.00	68.65 -0.21 0.00	75.32 0.97 0.00	67.83 0.00 0.00	55.11 -0.44 0.00	44.96 0.27 0.00	38.81 0.23 0.00	35.36 0.21 0.00
COFFEEN___115KV_TB3 355620	29.00 -0.40 1.07	27.08 -0.49 1.07	24.36 -0.52 1.08	23.54 -0.58 0.91	23.17 -0.59 0.84	22.89 -0.58 0.77	22.63 -0.67 0.76	22.95 -0.84 0.88	23.75 -1.01 1.07	25.84 -1.10 1.30	28.71 -1.39 1.43	32.62 -1.35 1.67	36.29 -1.51 2.05	37.93 -1.42 2.45	40.91 -1.72 2.60	49.47 -1.85 3.04	55.10 -1.61 2.79	64.15 -1.31 3.40	77.96 -0.15 -3.75	74.02 0.81 -5.37	59.39 0.89 -2.95	47.12 0.54 -1.90	36.33 0.04 2.29	33.52 -0.18 1.46
COLDSPRG_115KV_BK1 355956	31.99 1.52 0.00	29.82 1.17 0.00	26.79 0.83 0.00	25.70 0.68 0.00	25.15 0.54 0.00	24.78 0.53 0.00	24.54 0.48 0.00	25.28 0.62 0.00	26.71 0.88 0.00	29.85 1.61 0.00	33.23 1.70 0.00	38.04 2.39 0.00	42.60 2.75 0.00	43.69 1.88 0.00	48.04 2.80 0.00	56.59 2.23 0.00	62.17 2.68 0.00	71.54 2.69 0.00	78.37 4.02 0.00	70.62 2.78 0.00	57.17 1.61 0.00	46.43 1.74 0.00	40.27 1.70 0.00	36.52 1.37 0.00
COLONIE_LFGE___ 323577	31.87 1.40 0.00	30.04 1.40 0.00	27.29 1.32 0.00	26.33 1.30 0.00	25.86 1.25 0.00	25.48 1.24 0.00	25.24 1.18 0.00	25.75 1.08 0.00	26.99 1.16 0.00	29.32 1.07 0.00	32.70 1.17 0.00	36.93 1.28 0.00	41.21 1.36 0.00	43.10 1.30 0.00	46.86 1.63 0.00	56.64 2.28 0.00	62.05 2.56 0.00	71.96 3.10 0.00	77.62 3.27 0.00	70.89 3.06 0.00	59.20 2.61 -1.03	46.79 2.10 0.00	40.20 1.62 0.00	36.73 1.58 0.00
COOPERNY_115KV_TB1 80082	31.90 1.43 0.00	29.90 1.26 0.00	27.11 1.14 0.00	26.11 1.08 0.00	25.64 1.03 0.00	25.29 1.04 0.00	25.09 1.03 0.00	25.73 1.06 0.00	27.09 1.27 0.00	29.66 1.41 0.00	33.20 1.67 0.00	37.43 1.78 0.00	41.56 1.71 0.00	43.60 1.80 0.00	47.18 1.95 0.00	56.81 2.45 0.00	62.11 2.62 0.00	71.82 2.96 0.00	77.25 2.90 0.00	70.34 2.51 0.00	57.69 2.06 -0.08	46.43 1.74 0.00	40.27 1.70 0.00	36.77 1.62 0.00
COPENHAGEN_WT_PWR 323753	28.93 -0.61 0.93	27.05 -0.63 0.96	24.29 -0.65 1.03	23.46 -0.70 0.86	23.10 -0.71 0.80	22.81 -0.70 0.73	22.57 -0.77 0.72	22.95 -0.89 0.83	23.78 -1.03 1.01	25.90 -1.13 1.21	28.86 -1.39 1.29	32.79 -1.39 1.47	36.56 -1.51 1.78	38.22 -1.42 2.17	41.20 -1.76 2.26	49.79 -2.01 2.56	55.44 -1.84 2.21	64.52 -1.65 2.69	77.78 -0.74 -4.17	73.47 0.00 -5.63	58.81 0.17 -3.09	46.68 0.00 -1.99	36.20 -0.31 2.06	33.44 -0.46 1.25
CORNELL_____ 23752	32.05 1.10 -0.49	29.89 0.95 -0.30	26.69 0.73 0.00	25.70 0.68 0.00	25.25 0.64 0.00	24.88 0.63 0.00	24.66 0.60 0.00	25.26 0.59 0.00	26.40 0.57 0.00	29.13 0.76 -0.12	32.69 0.76 -0.40	37.31 0.96 -0.70	41.91 1.12 -0.94	43.84 1.13 -0.91	47.78 1.36 -1.19	57.82 1.58 -1.88	64.01 1.96 -2.56	74.53 2.48 -3.19	81.56 3.49 -3.71	74.32 3.19 -3.30	59.79 2.39 -1.84	47.82 1.97 -1.17	40.80 1.62 -0.61	37.23 1.34 -0.74

CORONA V_69_KV_TB1 355595	44.39	43.73	40.21	36.47	33.27	31.51	26.37	27.11	39.18	43.29	41.01	48.54	50.65	54.21	55.42	59.74	67.72	81.84	80.97	73.33	60.33	55.68	51.37	48.91
	3.11	2.81	2.57	2.43	2.34	2.33	2.31	2.44	2.82	3.11	3.75	4.06	4.10	4.26	4.39	5.38	6.07	6.75	6.62	5.49	4.67	4.16	4.09	3.83
	-10.81	-12.28	-11.68	-9.01	-6.33	-4.94	0.00	0.00	-10.54	-11.94	-5.73	-8.82	-6.69	-8.14	-5.80	0.00	-2.16	-6.24	0.00	0.00	-0.11	-6.84	-8.70	-9.93
CORTLAND_115KV_TB3 80093	31.65	29.53	26.44	25.45	25.00	24.64	24.43	25.04	26.18	28.83	32.35	36.89	41.36	43.29	47.11	56.96	62.99	73.16	80.45	73.49	59.13	47.37	40.14	36.68
	0.85	0.72	0.57	0.50	0.47	0.46	0.43	0.44	0.44	0.59	0.60	0.78	0.88	0.92	1.09	1.25	1.55	1.86	2.60	2.37	1.78	1.52	1.23	1.02
	-0.33	-0.17	0.09	0.08	0.07	0.07	0.06	0.07	0.09	0.01	-0.22	-0.46	-0.63	-0.57	-0.79	-1.35	-1.95	-2.44	-3.50	-3.28	-1.80	-1.16	-0.33	-0.51
COXSACKIE__GT 23611	32.54	30.90	28.17	27.11	26.60	26.16	25.74	26.10	27.30	29.52	32.57	36.86	41.37	43.52	47.40	57.84	63.83	74.78	81.27	74.49	61.11	48.49	41.16	37.47
	2.07	2.26	2.21	2.08	1.99	1.92	1.68	1.43	1.47	1.27	1.04	1.21	1.51	1.71	2.17	3.48	4.34	5.92	6.92	6.65	5.11	3.80	2.58	2.32
	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	-0.45	0.00	0.00	0.00
CPV_VALLEY__CC1 323721	32.11	30.10	27.34	26.30	25.81	25.46	25.26	25.92	27.32	29.88	33.49	37.72	41.76	43.69	47.45	57.13	62.41	72.30	77.62	70.55	57.87	46.61	40.54	37.01
	1.64	1.46	1.38	1.28	1.21	1.21	1.20	1.26	1.50	1.64	1.96	2.07	1.91	1.88	2.22	2.77	2.91	3.44	3.27	2.72	2.22	1.92	1.97	1.86
	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	-0.09	0.00	0.00	0.00
CPV_VALLEY__CC2 323722	32.11	30.10	27.34	26.30	25.81	25.46	25.26	25.92	27.32	29.88	33.49	37.72	41.76	43.69	47.45	57.13	62.41	72.30	77.62	70.55	57.87	46.61	40.54	37.01
	1.64	1.46	1.38	1.28	1.21	1.21	1.20	1.26	1.50	1.64	1.96	2.07	1.91	1.88	2.22	2.77	2.91	3.44	3.27	2.72	2.22	1.92	1.97	1.86
	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	-0.09	0.00	0.00	0.00
CRESCENT__HYD 24018	31.87	30.04	27.29	26.33	25.86	25.48	25.24	25.75	26.99	29.32	32.70	36.93	41.21	43.10	46.86	56.64	62.05	71.96	77.62	70.89	59.20	46.79	40.20	36.73
	1.40	1.40	1.32	1.30	1.25	1.24	1.18	1.08	1.16	1.07	1.17	1.28	1.36	1.30	1.63	2.28	2.56	3.10	3.27	3.06	2.61	2.10	1.62	1.58
	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	-1.03	0.00	0.00	0.00
CRICKET__VALLEY_CC1 323756	32.27	30.36	27.63	26.58	26.14	25.75	25.53	26.15	27.53	29.91	33.49	37.72	41.76	43.64	47.49	57.35	62.58	72.64	77.77	70.82	58.19	46.79	40.58	37.15
	1.80	1.72	1.66	1.55	1.53	1.50	1.47	1.48	1.70	1.67	1.96	2.07	1.91	1.84	2.26	2.99	3.09	3.78	3.42	2.98	2.50	2.10	2.00	2.00
	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	-0.14	0.00	0.00	0.00
CRICKET__VALLEY_CC2 323757	32.27	30.36	27.63	26.58	26.14	25.75	25.53	26.15	27.53	29.91	33.49	37.72	41.76	43.64	47.49	57.35	62.58	72.64	77.77	70.82	58.19	46.79	40.58	37.15
	1.80	1.72	1.66	1.55	1.53	1.50	1.47	1.48	1.70	1.67	1.96	2.07	1.91	1.84	2.26	2.99	3.09	3.78	3.42	2.98	2.50	2.10	2.00	2.00
	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	-0.14	0.00	0.00	0.00
CRICKET__VALLEY_CC3 323758	32.27	30.36	27.63	26.58	26.14	25.75	25.53	26.15	27.53	29.91	33.49	37.72	41.76	43.64	47.49	57.35	62.58	72.64	77.77	70.82	58.19	46.79	40.58	37.15
	1.80	1.72	1.66	1.55	1.53	1.50	1.47	1.48	1.70	1.67	1.96	2.07	1.91	1.84	2.26	2.99	3.09	3.78	3.42	2.98	2.50	2.10	2.00	2.00
	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	-0.14	0.00	0.00	0.00
CRUCIBLE_METL_DRP 24180	31.36	29.14	25.84	24.92	24.48	24.10	23.92	24.54	25.68	28.39	32.14	36.88	41.57	43.44	47.41	57.69	64.19	74.76	82.26	74.87	59.43	47.34	39.75	36.57
	0.12	0.06	-0.03	-0.03	-0.05	-0.07	-0.07	-0.05	-0.05	0.06	0.03	0.14	0.24	0.25	0.32	0.27	0.42	0.55	0.97	0.68	0.39	0.40	0.31	0.25
	-0.77	-0.44	0.10	0.09	0.08	0.07	0.07	0.08	0.10	-0.09	-0.58	-1.09	-1.48	-1.38	-1.86	-3.06	-4.28	-5.35	-6.94	-6.35	-3.49	-2.24	-0.86	-1.18
DAHOWA__HYDRO 323763	32.30	30.42	27.57	26.58	26.09	25.70	25.43	25.92	27.20	29.57	32.88	37.26	41.69	43.60	47.36	57.40	63.00	73.13	79.63	72.99	61.25	48.18	41.12	37.37
	1.83	1.78	1.61	1.55	1.48	1.45	1.37	1.26	1.37	1.33	1.35	1.61	1.83	1.80	2.13	3.04	3.51	4.27	5.28	5.15	4.50	3.49	2.55	2.22
	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	-1.20	0.00	0.00	0.00
DANC__LFGE 323619	29.79	27.73	24.69	23.83	23.47	23.12	22.89	23.36	24.28	26.62	29.96	34.25	38.43	40.15	43.43	52.74	58.91	68.59	80.00	74.56	59.21	46.96	37.44	34.59
	-0.52	-0.55	-0.57	-0.60	-0.59	-0.63	-0.67	-0.74	-0.85	-0.90	-1.07	-1.07	-1.12	-1.04	-1.40	-1.69	-1.55	-1.52	-0.82	-0.34	-0.22	-0.22	-0.31	-0.42
	0.16	0.36	0.70	0.59	0.55	0.50	0.49	0.57	0.69	0.72	0.50	0.33	0.31	0.61	0.40	-0.07	-0.97	-1.25	-6.46	-7.06	-3.88	-2.50	0.83	0.14
DANSKAMMER__1 23586	32.94	30.88	28.04	26.96	26.46	26.04	25.84	26.47	28.00	30.56	34.31	38.68	42.88	44.90	48.81	58.98	64.49	74.71	80.22	72.85	59.67	47.91	41.59	37.96
	2.47	2.24	2.08	1.93	1.85	1.79	1.78	1.80	2.17	2.32	2.78	3.03	3.03	3.09	3.57	4.62	5.00	5.85	5.87	5.02	4.00	3.22	3.01	2.81
	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	-0.12	0.00	0.00	0.00
DANSKAMMER__2 23589	32.94	30.88	28.04	26.96	26.46	26.04	25.84	26.47	28.00	30.56	34.31	38.68	42.88	44.90	48.81	58.98	64.49	74.71	80.22	72.85	59.67	47.91	41.59	37.96
	2.47	2.24	2.08	1.93	1.85	1.79	1.78	1.80	2.17	2.32	2.78	3.03	3.03	3.09	3.57	4.62	5.00	5.85	5.87	5.02	4.00	3.22	3.01	2.81
	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	-0.12	0.00	0.00	0.00
DANSKAMMER__3 23590	32.94	30.88	28.04	26.96	26.46	26.04	25.84	26.47	28.00	30.56	34.31	38.68	42.88	44.90	48.81	58.98	64.49	74.71	80.22	72.85	59.67	47.91	41.59	37.96
	2.47	2.24	2.08	1.93	1.85	1.79	1.78	1.80	2.17	2.32	2.78	3.03	3.03	3.09	3.57	4.62	5.00	5.85	5.87	5.02	4.00	3.22	3.01	2.81
	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	-0.12	0.00	0.00	0.00

DANSKAMMER___4 23591	32.94 2.47 0.00	30.88 2.24 0.00	28.04 2.08 0.00	26.96 1.93 0.00	26.46 1.85 0.00	26.04 1.79 0.00	25.84 1.78 0.00	26.47 1.80 0.00	28.00 2.17 0.00	30.56 2.32 0.00	34.31 2.78 0.00	38.68 3.03 0.00	42.88 3.03 0.00	44.90 3.09 0.00	48.81 3.57 0.00	58.98 4.62 0.00	64.49 5.00 0.00	74.71 5.85 0.00	80.22 5.87 0.00	72.85 5.02 0.00	59.67 4.00 -0.12	47.91 3.22 0.00	41.59 3.01 0.00	37.96 2.81 0.00
DANSKAMMER___DIESEL 23592	32.94 2.47 0.00	30.88 2.23 0.00	28.04 2.08 0.00	26.96 1.93 0.00	26.45 1.85 0.00	26.07 1.82 0.00	25.84 1.78 0.00	26.47 1.80 0.00	28.00 2.17 0.00	30.59 2.34 0.00	34.34 2.81 0.00	38.64 2.99 0.00	42.96 3.11 0.00	45.11 3.30 0.00	48.81 3.57 0.00	58.98 4.62 0.00	64.55 5.06 0.00	74.71 5.85 0.00	80.23 5.87 0.00	72.85 5.02 0.00	59.67 4.00 -0.12	47.91 3.22 0.00	41.58 3.01 0.00	37.96 2.81 0.00
DARBY___SOLAR 323810	32.20 1.74 0.00	30.36 1.72 0.00	27.52 1.56 0.00	26.53 1.50 0.00	26.04 1.43 0.00	25.65 1.41 0.00	25.38 1.32 0.00	25.88 1.21 0.00	27.17 1.34 0.00	29.57 1.33 0.00	32.88 1.35 0.00	37.22 1.57 0.00	41.65 1.79 0.00	43.56 1.76 0.00	47.32 2.08 0.00	57.29 2.93 0.00	62.88 3.39 0.00	72.92 4.06 0.00	79.26 4.91 0.00	72.58 4.75 0.00	60.84 4.11 -1.18	47.91 3.22 0.00	40.93 2.35 0.00	37.23 2.07 0.00
DASHVILLE___HYD 23610	32.60 2.13 0.00	30.50 1.86 0.00	27.68 1.71 0.00	26.61 1.58 0.00	26.13 1.53 0.00	25.73 1.48 0.00	25.48 1.42 0.00	26.10 1.43 0.00	27.58 1.76 0.00	30.14 1.89 0.00	33.89 2.36 0.00	38.11 2.46 0.00	42.28 2.43 0.00	44.40 2.59 0.00	47.99 2.76 0.00	58.00 3.64 0.00	63.42 3.93 0.00	73.40 4.54 0.00	78.66 4.31 0.00	71.43 3.60 0.00	58.25 2.50 -0.20	47.10 2.41 0.00	41.01 2.43 0.00	37.51 2.36 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	45.69 4.36 -10.87	44.94 4.01 -12.29	41.17 3.53 -11.68	37.30 3.25 -9.01	34.11 3.17 -6.33	32.34 3.15 -4.94	27.16 3.10 0.00	28.00 3.33 0.00	40.29 3.93 -10.54	44.70 4.52 -11.94	55.32 5.49 -18.30	95.94 6.13 -54.16	138.64 6.42 -92.38	145.70 6.69 -97.21	144.10 7.24 -91.63	151.32 8.37 -88.59	265.95 8.92 -197.54	277.34 10.26 -198.23	306.65 10.41 -221.89	275.67 8.62 -199.22	171.94 7.33 -109.05	145.28 6.30 -94.29	91.71 5.52 -47.62	53.68 5.06 -13.46
DELAWARE___LFGE 323621	31.91 1.28 -0.16	29.89 1.15 -0.10	26.98 1.01 0.00	26.01 0.98 0.00	25.54 0.94 0.00	25.19 0.95 0.00	24.97 0.91 0.00	25.55 0.89 0.00	26.83 1.01 0.00	29.44 1.16 -0.04	32.95 1.29 -0.13	37.34 1.46 -0.23	41.67 1.51 -0.31	43.69 1.59 -0.29	47.38 1.76 -0.38	57.20 2.23 -0.61	62.70 2.38 -0.83	72.58 2.69 -1.03	78.68 3.12 -1.20	71.69 2.78 -1.07	58.69 2.39 -0.75	46.99 1.92 -0.38	40.43 1.66 -0.20	36.90 1.51 -0.24
DERFIELD_115KV_TB7 355931	30.59 0.27 0.15	28.77 0.26 0.13	26.11 0.23 0.09	25.20 0.25 0.08	24.76 0.22 0.07	24.43 0.24 0.06	24.21 0.22 0.06	24.79 0.20 0.07	25.97 0.23 0.09	28.35 0.23 0.12	31.61 0.25 0.17	35.70 0.29 0.23	39.79 0.24 0.30	41.77 0.29 0.32	45.18 0.32 0.37	54.29 0.43 0.50	59.39 0.48 0.57	68.70 0.55 0.71	74.83 0.67 0.19	68.38 0.54 0.00	56.05 0.50 0.00	45.09 0.40 0.00	38.65 0.35 0.27	35.25 0.32 0.22
DOGLEVILLE___HYD 23807	31.32 1.00 0.15	29.43 0.92 0.13	26.70 0.83 0.09	25.75 0.80 0.08	25.30 0.76 0.07	24.94 0.75 0.06	24.72 0.72 0.06	25.28 0.69 0.07	26.49 0.75 0.09	28.97 0.85 0.12	32.27 0.91 0.17	36.45 1.03 0.23	40.71 1.16 0.30	42.74 1.25 0.32	46.22 1.36 0.37	55.54 1.69 0.50	60.76 1.85 0.57	70.35 2.20 0.71	76.69 2.53 0.19	70.27 2.44 0.00	57.61 2.06 0.00	46.30 1.61 0.00	39.62 1.31 0.27	36.13 1.20 0.22
DUNKIRK___115KV_TB_200 55889	31.32 0.85 0.00	29.21 0.57 0.00	26.28 0.31 0.00	25.23 0.20 0.00	24.68 0.07 0.00	24.32 0.07 0.00	24.06 0.00 0.00	24.77 0.10 0.00	26.14 0.31 0.00	29.20 0.96 0.00	32.41 0.88 0.00	37.08 1.43 0.00	41.52 1.67 0.00	42.64 0.84 0.00	46.77 1.54 0.00	55.18 0.82 0.00	60.56 1.07 0.00	69.82 0.96 0.00	76.51 2.16 0.00	68.99 1.15 0.00	55.89 0.33 0.00	45.54 0.85 0.00	39.31 0.73 0.00	35.75 0.60 0.00
DUNKIRK___1 23563	31.32 0.85 0.00	29.21 0.57 0.00	26.28 0.31 0.00	25.23 0.20 0.00	24.68 0.07 0.00	24.32 0.07 0.00	24.06 0.00 0.00	24.77 0.10 0.00	26.14 0.31 0.00	29.20 0.96 0.00	32.41 0.88 0.00	37.08 1.43 0.00	41.52 1.67 0.00	42.64 0.84 0.00	46.77 1.54 0.00	55.18 0.82 0.00	60.56 1.07 0.00	69.82 0.96 0.00	76.51 2.16 0.00	68.99 1.15 0.00	55.89 0.33 0.00	45.54 0.85 0.00	39.31 0.73 0.00	35.75 0.60 0.00
DUNKIRK___2 23564	31.32 0.85 0.00	29.21 0.57 0.00	26.28 0.31 0.00	25.23 0.20 0.00	24.68 0.07 0.00	24.32 0.07 0.00	24.06 0.00 0.00	24.77 0.10 0.00	26.14 0.31 0.00	29.20 0.96 0.00	32.41 0.88 0.00	37.08 1.43 0.00	41.52 1.67 0.00	42.64 0.84 0.00	46.77 1.54 0.00	55.18 0.82 0.00	60.56 1.07 0.00	69.82 0.96 0.00	76.51 2.16 0.00	68.99 1.15 0.00	55.89 0.33 0.00	45.54 0.85 0.00	39.31 0.73 0.00	35.75 0.60 0.00
DUNKIRK___3 23565	31.08 0.61 0.00	28.99 0.34 0.00	26.09 0.13 0.00	25.03 0.00 0.00	24.51 -0.10 0.00	24.15 -0.10 0.00	23.89 -0.17 0.00	24.57 -0.10 0.00	25.90 0.08 0.00	28.95 0.71 0.00	32.13 0.60 0.00	36.72 1.07 0.00	41.13 1.28 0.00	42.22 0.42 0.00	46.32 1.09 0.00	54.69 0.33 0.00	59.97 0.48 0.00	69.20 0.34 0.00	75.84 1.49 0.00	68.31 0.47 0.00	55.44 -0.11 0.00	45.18 0.49 0.00	39.04 0.46 0.00	35.50 0.35 0.00
DUNKIRK___4 23566	31.08 0.61 0.00	28.99 0.34 0.00	26.09 0.13 0.00	25.03 0.00 0.00	24.51 -0.10 0.00	24.15 -0.10 0.00	23.89 -0.17 0.00	24.57 -0.10 0.00	25.90 0.08 0.00	28.95 0.71 0.00	32.13 0.60 0.00	36.72 1.07 0.00	41.13 1.28 0.00	42.22 0.42 0.00	46.32 1.09 0.00	54.69 0.33 0.00	59.97 0.48 0.00	69.20 0.34 0.00	75.84 1.49 0.00	68.31 0.47 0.00	55.44 -0.11 0.00	45.18 0.49 0.00	39.04 0.46 0.00	35.50 0.35 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.94 2.47 0.00	30.85 2.21 0.00	27.99 2.03 0.00	26.93 1.90 0.00	26.45 1.85 0.00	26.09 1.84 0.00	25.94 1.88 0.00	26.66 2.00 0.00	28.15 2.32 0.00	30.79 2.54 0.00	34.59 3.06 0.00	38.89 3.24 0.00	43.00 3.15 0.00	45.07 3.26 0.00	48.67 3.44 0.00	58.71 4.35 0.00	64.07 4.58 0.00	74.09 5.23 0.00	79.41 5.06 0.00	72.11 4.27 0.00	59.22 3.56 -0.11	47.77 3.08 0.00	41.66 3.09 0.00	38.07 2.92 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.63 2.16 0.00	30.59 1.95 0.00	27.76 1.79 0.00	26.71 1.68 0.00	26.21 1.60 0.00	25.85 1.60 0.00	25.62 1.56 0.00	26.27 1.60 0.00	27.76 1.94 0.00	30.33 2.09 0.00	34.05 2.52 0.00	38.32 2.67 0.00	42.52 2.67 0.00	44.61 2.80 0.00	48.26 3.03 0.00	58.27 3.91 0.00	63.72 4.22 0.00	73.75 4.89 0.00	79.18 4.83 0.00	71.97 4.14 0.00	59.00 3.33 -0.11	47.42 2.73 0.00	41.20 2.62 0.00	37.61 2.46 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	33.18 2.71 0.00	31.10 2.46 0.00	28.20 2.23 0.00	27.11 2.08 0.00	26.60 1.99 0.00	26.14 1.89 0.00	25.98 1.92 0.00	26.66 2.00 0.00	28.13 2.30 0.00	30.81 2.57 0.00	34.71 3.18 0.00	38.96 3.32 0.00	42.96 3.11 0.00	44.86 3.05 0.00	48.21 2.99 0.01	58.59 4.24 0.01	63.95 4.46 0.01	73.67 4.82 0.01	78.88 4.54 0.01	71.63 3.80 0.01	58.99 3.33 -0.10	47.51 2.82 0.00	41.97 3.39 0.00	38.50 3.34 -0.01
E179THST_13_KV_LOAD 356214	33.39 2.92 0.00	31.28 2.64 0.00	28.33 2.36 0.00	27.23 2.20 0.00	26.75 2.14 0.00	26.26 2.01 0.00	26.10 2.04 0.00	26.81 2.15 0.00	28.28 2.45 0.00	31.01 2.77 0.00	34.94 3.41 0.00	39.18 3.53 0.00	43.24 3.39 0.00	45.15 3.34 0.00	48.53 3.30 0.01	58.97 4.62 0.01	64.42 4.94 0.01	74.15 5.30 0.01	79.40 5.06 0.01	72.10 4.27 0.01	59.38 3.72 -0.10	47.86 3.17 0.00	42.24 3.66 0.00	38.75 3.59 -0.01
EAST HAMPTON___GT 23717	46.15 4.81 -10.87	45.37 4.44 -12.29	41.59 3.94 -11.68	37.67 3.63 -9.01	34.48 3.54 -6.33	32.73 3.54 -4.94	27.47 3.41 0.00	28.49 3.82 0.00	40.84 4.47 -10.54	45.38 5.20 -11.94	56.17 6.34 -18.31	97.02 7.20 -54.17	139.78 7.53 -92.39	146.85 7.82 -97.23	145.48 8.60 -91.65	152.87 9.90 -88.61	266.95 9.88 -197.58	278.48 11.36 -198.27	307.96 11.67 -221.93	276.66 9.57 -199.26	173.13 8.50 -109.08	146.23 7.24 -94.31	92.34 6.13 -47.63	54.28 5.66 -13.46
EAST RIVER___6 23660	33.18 2.71 0.00	31.05 2.41 0.00	28.17 2.21 0.00	27.08 2.05 0.00	26.60 1.99 0.00	26.19 1.94 0.00	26.13 2.07 0.00	26.89 2.22 0.00	28.41 2.58 0.00	31.13 2.88 0.00	35.00 3.47 0.00	39.25 3.60 0.00	43.32 3.47 0.00	45.11 3.30 0.00	48.99 3.75 0.00	59.04 4.68 0.00	64.31 4.82 0.00	74.37 5.51 0.00	79.63 5.28 0.00	72.31 4.48 0.00	59.44 3.78 -0.11	48.04 3.35 0.00	42.01 3.43 0.00	38.38 3.23 0.00
EAST RIVER___7 23524	33.18 2.71 0.00	31.05 2.41 0.00	28.17 2.21 0.00	27.08 2.05 0.00	26.60 1.99 0.00	26.19 1.94 0.00	26.13 2.07 0.00	26.89 2.22 0.00	28.41 2.58 0.00	31.13 2.88 0.00	35.00 3.47 0.00	39.25 3.60 0.00	43.32 3.47 0.00	45.11 3.30 0.00	48.99 3.75 0.00	59.04 4.68 0.00	64.31 4.82 0.00	74.37 5.51 0.00	79.63 5.28 0.00	72.31 4.48 0.00	59.44 3.78 -0.11	48.04 3.35 0.00	42.01 3.43 0.00	38.38 3.23 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.85 2.38 0.00	30.79 2.15 0.00	27.94 1.97 0.00	26.88 1.85 0.00	26.41 1.80 0.00	26.04 1.79 0.00	25.86 1.80 0.00	26.57 1.90 0.00	28.05 2.22 0.00	30.67 2.43 0.00	34.46 2.93 0.00	38.75 3.10 0.00	42.88 3.03 0.00	44.90 3.09 0.00	48.54 3.30 0.00	58.55 4.19 0.00	63.95 4.46 0.00	73.88 5.03 0.00	79.18 4.83 0.00	71.90 4.07 0.00	59.05 3.39 -0.11	47.64 2.95 0.00	41.51 2.93 0.00	37.93 2.78 0.00
EAST_HAMPTON___DIESEL 23722	46.12 4.78 -10.87	45.37 4.44 -12.29	41.56 3.92 -11.68	37.67 3.63 -9.01	34.48 3.54 -6.33	32.73 3.54 -4.94	27.50 3.44 0.00	28.51 3.85 0.00	40.84 4.47 -10.54	45.38 5.20 -11.94	56.21 6.37 -18.31	97.05 7.23 -54.17	139.82 7.57 -92.39	146.89 7.86 -97.22	145.48 8.60 -91.65	152.86 9.90 -88.61	266.95 9.88 -197.58	278.48 11.36 -198.27	307.96 11.67 -221.93	276.66 9.57 -199.26	173.07 8.44 -109.07	146.19 7.20 -94.30	92.30 6.09 -47.63	54.24 5.62 -13.46
EAST_POINT___SOLAR 323840	33.21 2.74 0.00	31.22 2.58 0.00	28.20 2.23 0.00	27.16 2.13 0.00	26.55 1.94 0.00	26.09 1.84 0.00	25.38 1.32 0.00	25.11 0.44 0.00	26.29 0.47 0.00	28.69 0.45 0.00	31.97 0.44 0.00	36.25 0.61 0.00	40.61 0.76 0.00	42.69 0.88 0.00	46.32 1.08 0.00	56.15 1.79 0.00	61.45 1.96 0.00	72.03 3.17 0.00	82.01 7.66 0.00	76.18 8.34 0.00	63.71 7.00 -1.16	50.09 5.41 0.00	42.82 4.24 0.00	38.60 3.45 0.00
EAST_PULASKI___ESR 323781	30.92 -0.40 -0.85	28.60 -0.43 -0.39	25.14 -0.44 0.38	24.26 -0.45 0.32	23.85 -0.47 0.30	23.49 -0.48 0.27	23.29 -0.51 0.26	23.82 -0.54 0.31	24.83 -0.62 0.37	27.49 -0.59 0.16	31.30 -0.72 -0.50	36.13 -0.68 -1.16	40.81 -0.68 -1.64	42.62 -0.59 -1.40	46.24 -1.04 -2.05	56.69 -1.31 -3.63	63.72 -1.19 -5.41	74.40 -1.24 -6.78	84.12 -0.82 -10.58	77.33 -0.61 -10.11	60.55 -0.56 -5.55	47.90 -0.36 -3.57	39.02 -0.27 -0.72	36.17 -0.32 -1.34
EAST_RIVER___1 323558	33.09 2.62 0.00	30.99 2.35 0.00	28.14 2.18 0.00	27.03 2.00 0.00	26.58 1.97 0.00	26.16 1.92 0.00	26.08 2.02 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.04 2.80 0.00	34.87 3.34 0.00	39.21 3.56 0.00	43.20 3.35 0.00	44.98 3.18 0.00	48.85 3.62 0.00	58.93 4.57 0.00	64.25 4.76 0.00	74.23 5.37 0.00	79.55 5.20 0.00	72.24 4.41 0.00	59.39 3.72 -0.11	47.95 3.26 0.00	41.93 3.35 0.00	38.35 3.20 0.00
EAST_RIVER___2 323559	33.18 2.71 0.00	31.05 2.41 0.00	28.17 2.21 0.00	27.08 2.05 0.00	26.60 1.99 0.00	26.19 1.94 0.00	26.13 2.07 0.00	26.89 2.22 0.00	28.41 2.58 0.00	31.13 2.88 0.00	35.00 3.47 0.00	39.25 3.60 0.00	43.32 3.47 0.00	45.11 3.30 0.00	48.99 3.75 0.00	59.04 4.68 0.00	64.31 4.82 0.00	74.37 5.51 0.00	79.63 5.28 0.00	72.31 4.48 0.00	59.44 3.78 -0.11	48.04 3.35 0.00	42.01 3.43 0.00	38.38 3.23 0.00
EAST___DELAWARE_HYD 23607	31.99 1.52 0.00	29.96 1.32 0.00	27.16 1.19 0.00	26.08 1.05 0.00	25.59 0.99 0.00	25.19 0.94 0.00	24.97 0.91 0.00	25.58 0.91 0.00	27.04 1.21 0.00	29.54 1.30 0.00	33.14 1.61 0.00	37.36 1.71 0.00	41.45 1.60 0.00	43.48 1.67 0.00	47.22 1.99 0.00	57.08 2.72 0.00	62.52 3.03 0.00	72.57 3.72 0.00	78.14 3.79 0.00	71.09 3.26 0.00	58.18 2.50 -0.12	46.65 1.96 0.00	40.43 1.85 0.00	36.87 1.72 0.00
EIGHT_POINT___WT_PWR 323820	31.85 1.19 -0.19	29.68 0.92 -0.12	26.61 0.65 0.00	25.56 0.53 0.00	25.03 0.42 0.00	24.71 0.46 0.00	24.42 0.36 0.00	25.06 0.39 0.00	26.37 0.54 0.00	29.28 0.99 -0.05	32.70 1.01 -0.16	37.24 1.32 -0.27	42.02 1.79 -0.37	44.17 2.01 -0.36	47.19 1.49 -0.46	56.24 1.14 -0.74	62.22 1.73 -1.00	71.83 1.72 -1.25	78.86 3.05 -1.46	71.44 2.31 -1.29	57.65 1.39 -0.71	46.67 1.52 -0.46	40.08 1.27 -0.24	36.46 1.02 -0.29
ELBRIDGE_115KV_TB2 80188	31.34 0.03 -0.84	29.10 -0.03 -0.49	25.77 -0.10 0.09	24.85 -0.10 0.08	24.39 -0.15 0.07	24.04 -0.15 0.06	23.83 -0.17 0.06	24.45 -0.15 0.07	25.58 -0.15 0.09	28.31 -0.06 -0.12	32.08 -0.09 -0.64	36.84 0.00 -1.19	41.52 0.04 -1.63	43.33 0.00 -1.52	47.36 0.09 -2.04	57.69 0.00 -3.33	64.25 0.12 -4.64	74.86 0.21 -5.79	82.33 0.59 -7.38	74.97 0.41 -6.73	59.41 0.17 -3.69	47.29 0.22 -2.38	39.69 0.15 -0.96	36.54 0.11 -1.29
ELEC_TRO_TEK 24086	44.14 2.86 -10.81	43.50 2.58 -12.28	40.01 2.36 -11.68	36.27 2.23 -9.01	33.10 2.17 -6.33	31.34 2.16 -4.94	26.20 2.14 0.00	26.94 2.27 0.00	39.00 2.63 -10.54	43.10 2.91 -11.94	40.73 3.47 -5.73	48.18 3.71 -8.82	50.25 3.71 -6.69	53.75 3.80 -8.14	55.10 4.07 -5.80	59.20 4.84 0.00	67.06 5.41 -2.16	81.22 6.13 -6.24	80.30 5.95 0.00	72.79 4.95 0.00	59.72 4.06 -0.11	55.23 3.71 -6.84	50.91 3.63 -8.70	48.49 3.41 -9.93

ELLENBURG_WT_PWR 323604	29.53 -0.30 0.63	27.91 -0.20 0.53	25.34 -0.26 0.37	24.35 -0.37 0.31	23.96 -0.37 0.28	23.58 -0.41 0.26	23.59 -0.22 0.25	24.32 -0.05 0.30	25.60 0.13 0.36	28.13 0.40 0.50	31.43 0.60 0.70	35.41 0.71 0.95	38.72 0.08 1.21	40.57 0.08 1.32	43.71 0.00 1.53	50.89 -1.41 2.06	55.30 -1.84 2.34	63.82 -2.14 2.90	71.05 -2.53 0.77	66.28 -1.56 0.00	54.78 -0.78 0.00	43.84 -0.85 0.00	37.16 -0.31 1.10	33.27 -0.98 0.90
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.62 0.15 0.00	28.56 -0.09 0.00	25.70 -0.26 0.00	24.68 -0.35 0.00	24.17 -0.44 0.00	23.79 -0.46 0.00	23.53 -0.53 0.00	24.20 -0.47 0.00	25.47 -0.36 0.00	28.47 0.23 0.00	31.50 -0.03 0.00	36.04 0.39 0.00	40.37 0.52 0.00	41.43 -0.38 0.00	45.37 0.14 0.00	53.60 -0.76 0.00	58.66 -0.83 0.00	67.82 -1.03 0.00	74.43 0.07 0.00	67.02 -0.81 0.00	54.50 -1.06 0.00	44.51 -0.18 0.00	38.38 -0.19 0.00	35.05 -0.11 0.00
EMPIRE_CC_1 323656	31.38 0.91 0.00	29.62 0.97 0.00	26.95 0.99 0.00	26.10 1.08 0.00	25.67 1.06 0.00	25.29 1.04 0.00	25.02 0.96 0.00	25.48 0.81 0.00	26.68 0.85 0.00	28.95 0.71 0.00	32.29 0.76 0.00	36.43 0.78 0.00	40.49 0.64 0.00	42.39 0.58 0.00	46.09 0.86 0.00	55.66 1.30 0.00	60.86 1.37 0.00	70.64 1.79 0.00	75.92 1.56 0.00	69.26 1.43 0.00	57.16 1.28 -0.33	45.76 1.07 0.00	39.42 0.85 0.00	36.13 0.98 0.00
EMPIRE_CC_2 323658	31.38 0.91 0.00	29.62 0.97 0.00	26.95 0.99 0.00	26.10 1.08 0.00	25.67 1.06 0.00	25.29 1.04 0.00	25.02 0.96 0.00	25.48 0.81 0.00	26.68 0.85 0.00	28.95 0.71 0.00	32.29 0.76 0.00	36.43 0.78 0.00	40.49 0.64 0.00	42.39 0.58 0.00	46.09 0.86 0.00	55.66 1.30 0.00	60.86 1.37 0.00	70.64 1.79 0.00	75.92 1.56 0.00	69.26 1.43 0.00	57.16 1.28 -0.33	45.76 1.07 0.00	39.42 0.85 0.00	36.13 0.98 0.00
ENORWICH_115KV_TB1 80156	33.85 3.02 -0.37	31.53 2.66 -0.23	28.22 2.26 0.00	27.11 2.08 0.00	26.63 2.02 0.00	26.29 2.04 0.00	25.98 1.92 0.00	26.47 1.80 0.00	27.58 1.76 0.00	30.48 2.15 -0.09	33.88 2.05 -0.30	38.74 2.57 -0.52	43.43 2.87 -0.71	45.75 3.26 -0.68	49.79 3.66 -0.89	60.34 4.57 -1.41	66.83 5.41 -1.92	78.00 6.75 -2.40	85.91 8.77 -2.79	78.86 8.55 -2.48	63.82 6.83 -1.43	50.84 5.27 -0.87	43.16 4.13 -0.46	39.22 3.52 -0.55
ERIE_ST_34_KV_TB1-2 80199	30.93 0.46 0.00	28.81 0.17 0.00	25.91 -0.05 0.00	24.88 -0.15 0.00	24.34 -0.27 0.00	23.98 -0.27 0.00	23.72 -0.34 0.00	24.35 -0.32 0.00	25.67 -0.15 0.00	28.72 0.48 0.00	31.88 0.35 0.00	36.47 0.82 0.00	40.89 1.04 0.00	42.01 0.21 0.00	46.09 0.86 0.00	54.47 0.11 0.00	59.79 0.30 0.00	68.93 0.07 0.00	75.47 1.12 0.00	68.04 0.20 0.00	55.22 -0.33 0.00	45.00 0.31 0.00	38.88 0.31 0.00	35.43 0.28 0.00
ERIE_WT_PWR 323693	30.84 0.37 0.00	28.76 0.12 0.00	25.89 -0.08 0.00	24.85 -0.17 0.00	24.31 -0.29 0.00	24.03 -0.22 0.00	23.70 -0.36 0.00	24.35 -0.32 0.00	25.72 -0.10 0.00	28.64 0.40 0.00	31.91 0.38 0.00	36.33 0.68 0.00	40.93 1.08 0.00	43.18 1.38 0.00	45.82 0.59 0.00	54.09 -0.27 0.00	59.67 0.18 0.00	68.38 -0.48 0.00	75.02 0.67 0.00	67.63 -0.20 0.00	55.00 -0.56 0.00	44.82 0.13 0.00	38.77 0.19 0.00	35.36 0.21 0.00
ESPRGFLD_115KV_TB1 80157	32.39 1.92 0.00	30.39 1.75 0.00	27.44 1.48 0.00	26.43 1.40 0.00	25.91 1.30 0.00	25.53 1.29 0.00	25.24 1.18 0.00	25.63 0.96 0.00	26.91 1.08 0.00	29.54 1.30 0.00	32.92 1.39 0.00	37.33 1.68 0.00	41.64 1.79 0.00	43.81 2.01 0.00	47.45 2.22 0.00	57.24 2.88 0.00	62.53 3.03 0.00	72.71 3.86 0.00	79.93 5.58 0.00	73.40 5.56 0.00	61.00 4.61 -0.83	48.26 3.58 0.00	41.51 2.93 0.00	37.58 2.43 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.01 1.04 -0.51	29.85 0.89 -0.32	26.66 0.70 0.00	25.65 0.63 0.00	25.20 0.59 0.00	24.83 0.58 0.00	24.61 0.55 0.00	25.23 0.57 0.00	26.37 0.54 0.00	29.10 0.73 -0.12	32.64 0.69 -0.41	37.27 0.89 -0.72	41.87 1.04 -0.98	43.83 1.09 -0.94	47.73 1.27 -1.23	57.83 1.52 -1.95	63.99 1.84 -2.65	74.51 2.34 -3.31	81.47 3.27 -3.85	74.24 2.98 -3.42	59.69 2.22 -1.91	47.77 1.88 -1.21	40.71 1.50 -0.63	37.18 1.27 -0.77
ETNA____115KV_TB2 80207	32.01 1.04 -0.51	29.85 0.89 -0.32	26.66 0.70 0.00	25.65 0.63 0.00	25.20 0.59 0.00	24.83 0.58 0.00	24.61 0.55 0.00	25.23 0.57 0.00	26.37 0.54 0.00	29.10 0.73 -0.12	32.64 0.69 -0.41	37.27 0.89 -0.72	41.87 1.04 -0.98	43.83 1.09 -0.94	47.73 1.27 -1.23	57.83 1.52 -1.95	63.99 1.84 -2.65	74.51 2.34 -3.31	81.47 3.27 -3.85	74.24 2.98 -3.42	59.69 2.22 -1.91	47.77 1.88 -1.21	40.71 1.50 -0.63	37.18 1.27 -0.77
EUCLID____115KV_TB2 356179	30.48 -0.21 -0.23	28.48 -0.26 -0.10	25.54 -0.31 0.12	24.63 -0.30 0.10	24.22 -0.30 0.09	23.85 -0.32 0.08	23.66 -0.31 0.08	24.25 -0.32 0.09	25.38 -0.34 0.12	27.93 -0.25 0.06	31.34 -0.32 -0.13	35.68 -0.29 -0.31	40.02 -0.28 -0.44	41.84 -0.33 -0.37	45.47 -0.32 -0.55	54.92 -0.43 -1.00	60.58 -0.42 -1.50	70.32 -0.41 -1.88	77.22 -0.15 -3.02	70.46 -0.27 -2.90	56.81 -0.33 -1.59	45.54 -0.18 -1.03	38.56 -0.19 -0.18	35.30 -0.21 -0.36
E_CANADA_CAP_HY 24051	32.72 2.25 0.00	30.79 2.15 0.00	27.81 1.84 0.00	26.78 1.75 0.00	26.23 1.62 0.00	25.82 1.58 0.00	25.40 1.35 0.00	25.63 0.96 0.00	26.83 1.01 0.00	29.32 1.07 0.00	32.70 1.17 0.00	37.04 1.39 0.00	41.45 1.60 0.00	43.56 1.76 0.00	47.22 1.99 0.00	57.18 2.82 0.00	62.29 2.80 0.00	72.71 3.85 0.00	80.75 6.40 0.00	74.49 6.65 0.00	62.24 5.61 -1.08	48.98 4.29 0.00	42.12 3.55 0.00	38.03 2.88 0.00
E_CANADA_MHWK_HY 24050	31.32 1.00 0.15	29.43 0.92 0.13	26.70 0.83 0.09	25.75 0.80 0.08	25.30 0.76 0.07	24.94 0.75 0.06	24.72 0.72 0.06	25.28 0.69 0.07	26.49 0.75 0.09	28.97 0.85 0.12	32.27 0.91 0.17	36.45 1.03 0.23	40.71 1.16 0.30	42.74 1.25 0.32	46.22 1.36 0.37	55.54 1.69 0.50	60.76 1.85 0.57	70.35 2.20 0.71	76.69 2.53 0.19	70.27 2.44 0.00	57.61 2.06 0.00	46.30 1.61 0.00	39.62 1.31 0.27	36.13 1.20 0.22
E_FISHKILL____LBMP 23776	32.48 2.01 0.00	30.47 1.83 0.00	27.68 1.71 0.00	26.63 1.60 0.00	26.18 1.57 0.00	25.80 1.55 0.00	25.62 1.56 0.00	26.29 1.63 0.00	27.71 1.89 0.00	30.25 2.01 0.00	33.93 2.40 0.00	38.18 2.53 0.00	42.32 2.47 0.00	44.36 2.55 0.00	47.95 2.71 0.00	57.84 3.48 0.00	63.18 3.69 0.00	73.06 4.20 0.00	78.37 4.02 0.00	71.23 3.39 0.00	58.50 2.83 -0.11	47.10 2.41 0.00	41.01 2.43 0.00	37.47 2.32 0.00
FALCON____SEABRD_CC1 323796	29.72 -0.12 0.63	28.06 -0.06 0.53	25.47 -0.13 0.37	24.49 -0.23 0.31	24.08 -0.25 0.29	23.72 -0.27 0.26	23.71 -0.10 0.26	24.47 0.10 0.30	25.70 0.23 0.36	28.22 0.48 0.51	31.49 0.66 0.70	35.52 0.82 0.95	38.76 0.12 1.21	40.56 0.08 1.33	43.75 0.05 1.53	50.88 -1.41 2.06	55.24 -1.91 2.35	63.74 -2.21 2.91	70.90 -2.67 0.78	66.14 -1.69 0.00	54.72 -0.83 0.00	43.93 -0.76 0.00	37.35 -0.12 1.11	33.55 -0.70 0.90

FALCON___SEABRD_CC2 323797	29.72 -0.12 0.63	28.06 -0.06 0.53	25.47 -0.13 0.37	24.49 -0.23 0.31	24.08 -0.25 0.29	23.72 -0.27 0.26	23.71 -0.10 0.26	24.47 0.10 0.30	25.70 0.23 0.36	28.22 0.48 0.51	31.49 0.66 0.70	35.52 0.82 0.95	38.76 0.12 1.21	40.56 0.08 1.33	43.75 0.05 1.53	50.88 -1.41 2.06	55.24 -1.91 2.35	63.74 -2.21 2.91	70.90 -2.67 0.78	66.14 -1.69 0.00	54.72 -0.83 0.00	43.93 -0.76 0.00	37.35 -0.12 1.11	33.55 -0.70 0.90
FAR ROCKAWAY___4 23548	44.69 3.41 -10.81	43.98 3.06 -12.28	40.42 2.78 -11.68	36.67 2.63 -9.01	33.47 2.53 -6.33	31.71 2.52 -4.94	26.54 2.48 0.00	27.31 2.64 0.00	39.42 3.05 -10.54	43.58 3.39 -11.94	41.36 4.10 -5.73	48.97 4.49 -8.82	51.17 4.62 -6.69	54.76 4.81 -8.14	55.83 4.79 -5.80	60.12 5.76 0.00	68.19 6.54 -2.16	81.84 6.75 -6.24	80.97 6.62 0.00	73.33 5.49 0.00	60.72 5.06 -0.11	55.99 4.47 -6.84	51.83 4.55 -8.70	49.33 4.25 -9.93
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.12 2.65 0.00	31.02 2.38 0.00	28.12 2.15 0.00	27.03 2.00 0.00	26.58 1.97 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.81 2.15 0.00	28.33 2.51 0.00	31.04 2.80 0.00	34.90 3.37 0.00	39.21 3.56 0.00	43.32 3.47 0.00	45.28 3.47 0.00	48.85 3.62 0.00	58.98 4.62 0.00	64.31 4.82 0.00	74.23 5.37 0.00	79.48 5.13 0.00	72.18 4.34 0.00	59.39 3.72 -0.11	47.91 3.22 0.00	41.97 3.39 0.00	38.39 3.23 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.12 2.65 0.00	31.02 2.38 0.00	28.12 2.15 0.00	27.06 2.03 0.00	26.58 1.97 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.81 2.15 0.00	28.33 2.51 0.00	31.04 2.80 0.00	34.90 3.37 0.00	39.21 3.56 0.00	43.32 3.47 0.00	45.28 3.47 0.00	48.85 3.62 0.00	58.98 4.62 0.00	64.31 4.82 0.00	74.23 5.37 0.00	79.56 5.20 0.00	72.24 4.41 0.00	59.39 3.72 -0.11	47.95 3.26 0.00	41.97 3.39 0.00	38.39 3.23 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.09 2.62 0.00	30.99 2.35 0.00	28.09 2.13 0.00	27.03 2.00 0.00	26.55 1.94 0.00	26.19 1.94 0.00	26.06 2.00 0.00	26.79 2.12 0.00	28.31 2.48 0.00	31.01 2.77 0.00	34.87 3.34 0.00	39.18 3.53 0.00	43.28 3.43 0.00	45.23 3.43 0.00	48.81 3.57 0.00	58.93 4.57 0.00	64.25 4.76 0.00	74.16 5.30 0.00	79.41 5.06 0.00	72.11 4.27 0.00	59.33 3.67 -0.11	47.91 3.22 0.00	41.93 3.36 0.00	38.35 3.20 0.00
FARRAGUT___LBMP 323566	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.55 1.94 0.00	26.16 1.92 0.00	26.06 2.00 0.00	26.76 2.10 0.00	28.28 2.45 0.00	30.98 2.74 0.00	34.84 3.31 0.00	39.14 3.49 0.00	43.24 3.39 0.00	45.19 3.39 0.00	48.76 3.53 0.00	58.87 4.51 0.00	64.19 4.70 0.00	74.09 5.23 0.00	79.33 4.98 0.00	72.04 4.21 0.00	59.28 3.61 -0.11	47.86 3.17 0.00	41.89 3.32 0.00	38.32 3.16 0.00
FENNER___WINDPWR 24204	31.42 0.85 -0.10	29.39 0.74 0.00	26.40 0.60 0.17	25.44 0.55 0.14	25.00 0.52 0.13	24.66 0.53 0.12	24.42 0.48 0.12	24.98 0.44 0.13	26.10 0.44 0.16	28.70 0.59 0.13	32.09 0.57 0.00	36.52 0.75 -0.12	40.92 0.88 -0.19	43.05 1.13 -0.11	46.60 1.13 -0.24	56.32 1.41 -0.55	62.17 1.73 -0.95	72.12 2.06 -1.19	79.67 2.75 -2.56	73.07 2.64 -2.59	59.09 2.11 -1.42	47.26 1.65 -0.91	39.82 1.27 0.02	36.42 1.09 -0.17
FIBERTEK___ENERGY 23856	31.36 0.12 -0.77	29.14 0.06 -0.44	25.84 -0.03 0.10	24.92 -0.03 0.09	24.48 -0.05 0.08	24.10 -0.07 0.07	23.92 -0.07 0.07	24.54 -0.05 0.08	25.68 -0.05 0.10	28.39 0.06 -0.09	32.14 0.03 -0.58	36.88 0.14 -1.09	41.57 0.24 -1.48	43.44 0.25 -1.38	47.41 0.32 -1.86	57.69 0.27 -3.06	64.19 0.42 -4.28	74.76 0.55 -5.35	82.26 0.97 -6.94	74.87 0.68 -6.35	59.43 0.39 -3.49	47.34 0.40 -2.24	39.75 0.31 -0.86	36.57 0.25 -1.18
FITZPATRICK____ 23598	24.47 -0.76 5.23	24.64 -0.74 3.26	25.24 -0.73 0.00	24.33 -0.70 0.00	23.92 -0.69 0.00	23.57 -0.68 0.00	23.36 -0.70 0.00	23.98 -0.69 0.00	25.08 -0.75 0.00	26.21 -0.76 1.27	26.40 -0.85 4.28	27.24 -0.93 7.48	28.80 -0.96 10.09	31.20 -0.92 9.69	31.42 -1.13 12.68	32.82 -1.41 20.13	30.63 -1.48 27.37	33.00 -1.72 34.14	33.00 -1.64 39.72	31.00 -1.56 35.28	34.86 -1.33 19.36	31.20 -1.03 12.46	31.20 -0.89 6.49	26.40 -0.84 7.91
FLOWRFLD_69_KV_BK1 356044	44.89 3.53 -10.89	44.20 3.27 -12.29	40.55 2.91 -11.68	36.69 2.65 -9.01	33.52 2.58 -6.33	31.76 2.57 -4.94	26.58 2.53 0.00	27.36 2.69 0.00	39.49 3.13 -10.54	43.72 3.53 -11.94	58.15 4.07 -22.55	109.32 4.21 -69.46	165.37 4.22 -121.30	173.46 4.39 -127.27	170.54 4.70 -120.61	178.18 5.33 -118.49	328.98 6.01 -263.48	338.77 6.89 -263.02	377.89 6.77 -296.77	339.92 5.63 -266.45	205.99 4.61 -145.82	172.69 4.20 -123.80	103.50 4.17 -60.76	51.82 3.87 -12.80
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.03 2.56 0.00	30.96 2.32 0.00	28.09 2.13 0.00	27.01 1.98 0.00	26.50 1.89 0.00	26.12 1.87 0.00	25.89 1.83 0.00	26.52 1.85 0.00	28.07 2.25 0.00	30.64 2.40 0.00	34.40 2.87 0.00	38.72 3.07 0.00	43.08 3.23 0.00	45.23 3.43 0.00	48.94 3.71 0.00	59.20 4.84 0.00	64.73 5.24 0.00	74.99 6.13 0.00	80.45 6.10 0.00	73.06 5.22 0.00	59.89 4.22 -0.12	48.04 3.35 0.00	41.66 3.09 0.00	38.07 2.92 0.00
FORT ORANGE____ 23900	31.14 0.67 0.00	29.47 0.83 0.00	26.90 0.93 0.00	25.96 0.93 0.00	25.54 0.93 0.00	25.17 0.92 0.00	24.90 0.84 0.00	25.41 0.74 0.00	26.50 0.67 0.00	28.78 0.54 0.00	31.91 0.38 0.00	36.04 0.39 0.00	40.13 0.28 0.00	42.06 0.25 0.00	45.73 0.50 0.00	55.34 0.98 0.00	60.62 1.13 0.00	70.44 1.58 0.00	75.99 1.63 0.00	69.40 1.56 0.00	57.52 1.33 -0.64	45.72 1.03 0.00	39.27 0.70 0.00	35.92 0.77 0.00
FORT_DRUM_COGEN 23780	28.57 -0.67 1.23	26.73 -0.72 1.20	24.08 -0.73 1.15	23.31 -0.75 0.97	22.95 -0.76 0.90	22.65 -0.78 0.82	22.41 -0.84 0.80	22.77 -0.96 0.93	23.55 -1.14 1.14	25.62 -1.21 1.41	28.42 -1.51 1.60	32.20 -1.53 1.91	35.78 -1.71 2.36	37.35 -1.67 2.78	40.29 -1.95 3.00	48.59 -2.17 3.60	54.01 -2.02 3.46	62.76 -1.86 4.24	76.73 -0.89 -3.27	72.84 -0.07 -5.07	58.50 0.17 -2.78	46.44 -0.04 -1.79	35.64 -0.39 2.55	32.93 -0.53 1.69
FOX_HILLS___ESR 323835	33.28 2.80 -0.01	31.17 2.52 -0.01	28.28 2.31 -0.01	27.11 2.08 0.00	26.63 2.02 0.00	26.16 1.92 0.00	25.98 1.92 0.00	26.69 2.02 0.00	28.23 2.40 0.00	30.98 2.74 0.00	34.94 3.41 0.00	39.21 3.56 0.00	43.24 3.39 0.00	45.15 3.34 0.00	48.53 3.30 0.01	64.39 4.40 -5.62	76.39 4.70 -12.20	88.66 5.10 -14.71	79.18 4.83 0.01	78.91 4.07 -7.01	70.03 3.50 -10.97	47.82 3.13 0.00	42.25 3.66 -0.01	38.57 3.41 -0.01
FPL FAR_ROCK_GT1 24212	44.66 3.38 -10.81	43.98 3.07 -12.28	40.45 2.80 -11.68	36.67 2.63 -9.01	33.47 2.54 -6.33	31.68 2.50 -4.94	26.49 2.43 0.00	27.33 2.66 0.00	39.42 3.05 -10.54	43.55 3.36 -11.94	41.33 4.07 -5.73	48.97 4.49 -8.82	51.08 4.54 -6.69	54.55 4.60 -8.14	55.82 4.79 -5.80	60.12 5.76 0.00	68.13 6.49 -2.16	82.60 7.51 -6.24	81.86 7.51 0.00	74.07 6.24 0.00	60.72 5.05 -0.11	56.04 4.51 -6.84	51.84 4.55 -8.71	49.34 4.25 -9.93

FPL FAR_ROCK_GT2 23815	44.66 3.38 -10.81	43.98 3.07 -12.28	40.45 2.80 -11.68	36.67 2.63 -9.01	33.47 2.54 -6.33	31.68 2.50 -4.94	26.49 2.43 0.00	27.33 2.66 0.00	39.42 3.05 -10.54	43.55 3.36 -11.94	41.33 4.07 -5.73	48.97 4.49 -8.82	51.08 4.54 -6.69	54.55 4.60 -8.14	55.82 4.79 -5.80	60.12 5.76 0.00	68.13 6.49 -2.16	82.60 7.51 -6.24	81.86 7.51 0.00	74.07 6.24 0.00	60.72 5.05 -0.11	56.04 4.51 -6.84	51.84 4.55 -8.71	49.34 4.25 -9.93
FRANKLIN_FALL_HYD 24054	26.86 -0.91 2.69	25.61 -0.77 2.26	23.62 -0.78 1.56	22.89 -0.83 1.32	22.58 -0.81 1.22	22.31 -0.82 1.11	22.32 -0.65 1.09	22.88 -0.52 1.27	23.77 -0.52 1.54	25.66 -0.42 2.16	28.15 -0.38 3.00	31.24 -0.36 4.06	34.12 -0.56 5.17	35.56 -0.59 5.66	37.97 -0.72 6.54	43.93 -1.63 8.80	47.38 -2.08 10.03	54.11 -2.34 12.40	68.21 -2.83 3.31	65.94 -1.90 0.00	54.55 -1.00 0.00	43.35 -1.34 0.00	32.70 -1.16 4.72	29.91 -1.41 3.84
FREEPORT_EQUS_GT1 23764	44.42 3.14 -10.81	43.75 2.84 -12.28	40.24 2.60 -11.68	36.50 2.45 -9.01	33.32 2.39 -6.33	31.51 2.33 -4.94	26.35 2.29 0.00	27.18 2.52 0.00	39.24 2.87 -10.54	43.35 3.16 -11.94	41.04 3.78 -5.73	48.61 4.13 -8.82	50.61 4.07 -6.69	53.67 3.72 -8.14	55.33 4.30 -5.80	59.42 5.06 0.00	67.36 5.71 -2.16	81.70 6.61 -6.24	80.90 6.54 0.00	73.26 5.43 0.00	60.00 4.34 -0.11	55.82 4.29 -6.84	51.33 4.05 -8.71	48.88 3.80 -9.93
FREEPORT___CT2 23818	44.42 3.14 -10.81	43.75 2.84 -12.28	40.24 2.60 -11.68	36.50 2.45 -9.01	33.32 2.39 -6.33	31.51 2.33 -4.94	26.35 2.29 0.00	27.18 2.52 0.00	39.24 2.87 -10.54	43.35 3.16 -11.94	41.04 3.78 -5.73	48.61 4.13 -8.82	50.61 4.07 -6.69	53.67 3.72 -8.14	55.33 4.30 -5.80	59.42 5.06 0.00	67.36 5.71 -2.16	81.70 6.61 -6.24	80.90 6.54 0.00	73.26 5.43 0.00	60.00 4.34 -0.11	55.82 4.29 -6.84	51.33 4.05 -8.71	48.88 3.80 -9.93
FRESHKLS_33_KV_LOAD 356253	33.28 2.80 -0.01	31.17 2.52 -0.01	28.28 2.31 -0.01	27.11 2.08 0.00	26.63 2.02 0.00	26.12 1.87 0.00	25.94 1.88 0.00	26.63 1.97 0.01	28.17 2.35 0.01	30.92 2.68 0.01	34.86 3.34 0.01	39.17 3.53 0.01	43.15 3.31 0.01	45.06 3.26 0.01	45.05 3.26 3.44	45.33 4.40 13.44	47.48 4.70 16.71	52.80 5.10 21.15	57.30 4.83 21.89	49.74 4.07 22.17	44.84 3.50 14.21	44.61 3.13 3.21	42.25 3.66 -0.01	38.53 3.37 -0.01
FULTON COGEN____ 23766	31.66 -0.27 -1.46	29.18 -0.32 -0.86	25.48 -0.34 0.14	24.58 -0.33 0.12	24.15 -0.34 0.11	23.78 -0.36 0.10	23.60 -0.36 0.10	24.21 -0.35 0.11	25.27 -0.41 0.14	28.12 -0.34 -0.22	32.24 -0.41 -1.12	37.33 -0.39 -2.07	42.27 -0.40 -2.82	44.03 -0.42 -2.64	48.28 -0.50 -3.54	59.47 -0.65 -5.76	66.91 -0.59 -8.01	78.24 -0.62 -10.00	86.69 -0.30 -12.64	78.92 -0.41 -11.49	61.42 -0.44 -6.31	48.48 -0.27 -4.06	40.03 -0.23 -1.69	37.13 -0.25 -2.23
FULTON___LFGE 323630	34.34 3.87 0.00	32.31 3.67 0.00	29.10 3.14 0.00	28.01 2.98 0.00	27.36 2.76 0.00	26.99 2.74 0.00	26.68 2.62 0.00	27.09 2.42 0.00	28.54 2.71 0.00	31.21 2.96 0.00	34.78 3.25 0.00	39.36 3.71 0.00	44.23 4.38 0.00	46.49 4.68 0.00	50.57 5.33 0.00	61.59 7.23 0.00	68.00 8.51 0.00	79.39 10.54 0.00	88.11 13.75 0.00	80.73 12.89 0.00	67.16 10.44 -1.17	52.78 8.09 0.00	44.63 6.06 0.00	40.04 4.88 0.00
G.F.CEMENT___DRP 24184	32.39 1.92 0.00	30.50 1.86 0.00	27.65 1.69 0.00	26.63 1.60 0.00	26.11 1.50 0.00	25.75 1.50 0.00	25.48 1.42 0.00	25.97 1.31 0.00	27.33 1.50 0.00	29.71 1.47 0.00	32.98 1.45 0.00	37.36 1.71 0.00	41.96 2.11 0.00	43.94 2.13 0.00	47.59 2.35 0.00	57.78 3.42 0.00	63.42 3.93 0.00	73.61 4.75 0.00	80.52 6.17 0.00	73.94 6.11 0.00	62.01 5.22 -1.23	48.76 4.07 0.00	41.43 2.85 0.00	37.58 2.43 0.00
GARDENVILLE___LBMP 24039	30.74 0.27 0.00	28.67 0.03 0.00	25.78 -0.18 0.00	24.78 -0.25 0.00	24.24 -0.37 0.00	23.86 -0.39 0.00	23.60 -0.46 0.00	24.27 -0.39 0.00	25.57 -0.26 0.00	28.55 0.31 0.00	31.62 0.09 0.00	36.18 0.53 0.00	40.53 0.68 0.00	41.60 -0.21 0.00	45.60 0.36 0.00	53.87 -0.49 0.00	59.02 -0.48 0.00	68.10 -0.76 0.00	74.72 0.37 0.00	67.36 -0.47 0.00	54.72 -0.83 0.00	44.69 0.00 0.00	38.54 -0.04 0.00	35.15 0.00 0.00
GARDNVLA_35_KV_LD 355827	30.86 0.40 0.00	28.78 0.14 0.00	25.89 -0.08 0.00	24.85 -0.18 0.00	24.34 -0.27 0.00	23.96 -0.29 0.00	23.70 -0.36 0.00	24.37 -0.30 0.00	25.67 -0.15 0.00	28.70 0.45 0.00	31.78 0.25 0.00	36.36 0.71 0.00	40.77 0.92 0.00	41.85 0.04 0.00	45.87 0.63 0.00	54.14 -0.22 0.00	59.31 -0.18 0.00	68.51 -0.34 0.00	75.17 0.82 0.00	67.70 -0.14 0.00	55.00 -0.56 0.00	44.87 0.18 0.00	38.73 0.15 0.00	35.33 0.18 0.00
GELCKHM___115KV_LOAD 80723	30.77 -0.12 -0.42	28.69 -0.17 -0.22	25.65 -0.21 0.11	24.74 -0.20 0.09	24.30 -0.22 0.09	23.93 -0.24 0.08	23.74 -0.24 0.08	24.36 -0.22 0.09	25.46 -0.26 0.11	28.07 -0.17 0.00	31.60 -0.22 -0.29	36.10 -0.14 -0.59	40.55 -0.12 -0.82	42.42 -0.13 -0.74	46.17 -0.09 -1.02	55.93 -0.16 -1.74	61.87 -0.12 -2.50	71.91 -0.07 -3.12	78.99 0.22 -4.41	72.03 0.07 -4.13	57.71 -0.11 -2.26	46.15 0.00 -1.46	38.96 -0.04 -0.43	35.74 -0.07 -0.66
GENERAL___MILLS 23808	30.80 0.34 0.00	28.73 0.09 0.00	25.83 -0.13 0.00	24.83 -0.20 0.00	24.29 -0.32 0.00	23.91 -0.34 0.00	23.65 -0.41 0.00	24.32 -0.35 0.00	25.62 -0.21 0.00	28.64 0.40 0.00	31.72 0.19 0.00	36.29 0.64 0.00	40.65 0.80 0.00	41.72 -0.08 0.00	45.73 0.50 0.00	54.03 -0.33 0.00	59.13 -0.36 0.00	68.31 -0.55 0.00	74.95 0.59 0.00	67.56 -0.27 0.00	54.83 -0.72 0.00	44.78 0.09 0.00	38.65 0.08 0.00	35.26 0.11 0.00
GE_PLASTICS___DRP 24183	31.05 0.58 0.00	29.50 0.86 0.00	26.92 0.96 0.00	25.95 0.93 0.00	25.54 0.94 0.00	25.17 0.92 0.00	24.92 0.87 0.00	25.48 0.81 0.00	26.63 0.80 0.00	28.92 0.68 0.00	31.97 0.44 0.00	36.08 0.43 0.00	40.25 0.40 0.00	42.31 0.50 0.00	45.73 0.50 0.00	55.23 0.87 0.00	60.50 1.01 0.00	70.10 1.24 0.00	75.47 1.12 0.00	68.85 1.02 0.00	57.02 0.94 -0.52	45.45 0.76 0.00	39.19 0.62 0.00	35.82 0.67 0.00
GILBOA___1 23756	31.51 1.04 0.00	29.62 0.97 0.00	26.90 0.93 0.00	26.00 0.98 0.00	25.57 0.96 0.00	25.19 0.94 0.00	24.97 0.91 0.00	25.58 0.91 0.00	26.76 0.93 0.00	29.20 0.96 0.00	32.60 1.07 0.00	36.82 1.17 0.00	40.97 1.11 0.00	42.89 1.09 0.00	46.55 1.31 0.00	56.05 1.69 0.00	61.22 1.73 0.00	70.64 1.79 0.00	76.06 1.71 0.00	69.33 1.49 0.00	57.18 1.55 -0.07	45.99 1.30 0.00	39.77 1.20 0.00	36.31 1.16 0.00
GILBOA___2 23757	31.51 1.04 0.00	29.62 0.97 0.00	26.90 0.93 0.00	26.00 0.98 0.00	25.57 0.96 0.00	25.19 0.94 0.00	24.97 0.91 0.00	25.58 0.91 0.00	26.76 0.93 0.00	29.20 0.96 0.00	32.60 1.07 0.00	36.82 1.17 0.00	40.97 1.11 0.00	42.89 1.09 0.00	46.55 1.31 0.00	56.05 1.69 0.00	61.22 1.73 0.00	70.64 1.79 0.00	76.06 1.71 0.00	69.33 1.49 0.00	57.18 1.55 -0.07	45.99 1.30 0.00	39.77 1.20 0.00	36.31 1.16 0.00

GILBOA___3 23758	31.51 1.04 0.00	29.62 0.97 0.00	26.90 0.93 0.00	26.00 0.98 0.00	25.57 0.96 0.00	25.19 0.94 0.00	24.97 0.91 0.00	25.58 0.91 0.00	26.76 0.93 0.00	29.20 0.96 0.00	32.60 1.07 0.00	36.82 1.17 0.00	40.97 1.11 0.00	42.89 1.09 0.00	46.55 1.31 0.00	56.05 1.69 0.00	61.22 1.73 0.00	70.64 1.79 0.00	76.06 1.71 0.00	69.33 1.49 0.00	57.18 1.55 -0.07	45.99 1.30 0.00	39.77 1.20 0.00	36.31 1.16 0.00
GILBOA___4 23759	31.51 1.04 0.00	29.62 0.97 0.00	26.90 0.93 0.00	26.00 0.98 0.00	25.57 0.96 0.00	25.19 0.94 0.00	24.97 0.91 0.00	25.58 0.91 0.00	26.76 0.93 0.00	29.20 0.96 0.00	32.60 1.07 0.00	36.82 1.17 0.00	40.97 1.11 0.00	42.89 1.09 0.00	46.55 1.31 0.00	56.05 1.69 0.00	61.22 1.73 0.00	70.64 1.79 0.00	76.06 1.71 0.00	69.33 1.49 0.00	57.18 1.55 -0.07	45.99 1.30 0.00	39.77 1.20 0.00	36.31 1.16 0.00
GILBOA___ 23599	31.50 1.04 0.00	29.62 0.97 0.00	26.90 0.93 0.00	26.01 0.98 0.00	25.57 0.96 0.00	25.19 0.95 0.00	25.00 0.94 0.00	25.58 0.91 0.00	26.76 0.93 0.00	29.20 0.96 0.00	32.63 1.10 0.00	36.83 1.18 0.00	41.01 1.16 0.00	43.02 1.21 0.00	46.55 1.31 0.00	56.10 1.74 0.00	61.28 1.78 0.00	70.65 1.79 0.00	76.06 1.71 0.00	69.33 1.49 0.00	57.18 1.56 -0.07	45.99 1.30 0.00	39.77 1.20 0.00	36.31 1.16 0.00
GINNA___ 23603	29.40 -1.07 0.00	27.52 -1.12 0.00	24.77 -1.19 0.00	23.78 -1.25 0.00	23.33 -1.28 0.00	22.94 -1.31 0.00	22.69 -1.37 0.00	23.33 -1.33 0.00	24.61 -1.21 0.00	27.20 -1.04 0.00	30.27 -1.26 0.00	34.47 -1.18 0.00	38.89 -0.96 0.00	40.97 -0.84 0.00	43.88 -1.36 0.00	52.46 -1.90 0.00	57.65 -1.84 0.00	66.65 -2.21 0.00	72.94 -1.41 0.00	65.94 -1.90 0.00	53.94 -1.61 0.00	43.53 -1.16 0.00	37.46 -1.12 0.00	34.06 -1.09 0.00
GLEN PARK___ 23778	28.86 -0.52 1.09	26.95 -0.60 1.09	24.25 -0.62 1.09	23.43 -0.67 0.92	23.09 -0.66 0.85	22.79 -0.68 0.78	22.53 -0.77 0.76	22.87 -0.91 0.88	23.67 -1.08 1.08	25.74 -1.19 1.32	28.63 -1.45 1.45	32.48 -1.46 1.70	36.17 -1.60 2.09	37.81 -1.50 2.49	40.72 -1.86 2.65	49.24 -2.01 3.11	54.83 -1.78 2.87	63.83 -1.52 3.51	77.60 -0.44 -3.69	73.65 0.48 -5.34	59.09 0.61 -2.93	46.89 0.32 -1.89	36.14 -0.12 2.32	33.35 -0.32 1.49
GLENDALE_27_KV_LOAD 356172	33.30 2.83 0.00	31.19 2.55 0.00	28.27 2.31 0.00	27.16 2.13 0.00	26.68 2.07 0.00	26.29 2.04 0.00	26.15 2.09 0.00	26.89 2.22 0.00	28.41 2.58 0.00	31.15 2.91 0.00	35.06 3.53 0.00	39.36 3.71 0.00	43.44 3.59 0.00	45.40 3.60 0.00	48.80 3.57 0.01	56.63 4.67 2.40	59.22 4.94 5.21	67.95 5.37 6.28	79.48 5.13 0.01	69.18 4.34 2.99	54.74 3.72 4.54	48.04 3.35 0.00	42.28 3.70 0.00	38.67 3.52 -0.01
GLENWOOD_IC_1_G5 23712	44.39 3.11 -10.81	43.73 2.81 -12.28	40.19 2.54 -11.68	36.44 2.40 -9.01	33.25 2.31 -6.33	31.49 2.30 -4.94	26.34 2.29 0.00	27.08 2.42 0.00	39.18 2.82 -10.54	43.32 3.14 -11.94	41.08 3.82 -5.73	48.61 4.14 -8.82	50.73 4.18 -6.69	53.96 4.01 -8.14	55.33 4.30 -5.80	59.47 5.11 0.00	67.42 5.77 -2.16	81.63 6.54 -6.24	80.75 6.39 0.00	73.06 5.22 0.00	59.94 4.28 -0.11	55.41 3.89 -6.84	50.98 3.70 -8.70	48.84 3.76 -9.93
GLENWOOD_IC_2_G1 23688	44.29 3.02 -10.81	43.64 2.72 -12.28	40.14 2.49 -11.68	36.37 2.33 -9.01	33.20 2.26 -6.33	31.41 2.23 -4.94	26.22 2.17 0.00	27.06 2.39 0.00	39.11 2.74 -10.54	43.21 3.02 -11.94	40.88 3.62 -5.73	48.43 3.96 -8.82	50.45 3.91 -6.69	53.75 3.80 -8.14	55.33 4.30 -5.80	59.47 5.11 0.00	67.36 5.71 -2.16	81.70 6.61 -6.24	80.90 6.54 0.00	73.19 5.36 0.00	60.00 4.34 -0.11	55.46 3.93 -6.84	51.10 3.82 -8.71	48.70 3.62 -9.93
GLENWOOD_IC_3_G1 23689	44.29 3.02 -10.81	43.64 2.72 -12.28	40.14 2.49 -11.68	36.37 2.33 -9.01	33.20 2.26 -6.33	31.41 2.23 -4.94	26.22 2.17 0.00	27.06 2.39 0.00	39.11 2.74 -10.54	43.21 3.02 -11.94	40.88 3.62 -5.73	48.43 3.96 -8.82	50.45 3.91 -6.69	53.75 3.80 -8.14	55.33 4.30 -5.80	59.47 5.11 0.00	67.36 5.71 -2.16	81.70 6.61 -6.24	80.90 6.54 0.00	73.19 5.36 0.00	60.00 4.34 -0.11	55.46 3.93 -6.84	51.10 3.82 -8.71	48.70 3.62 -9.93
GLENWOOD___4 23550	44.39 3.11 -10.81	43.73 2.81 -12.28	40.19 2.54 -11.68	36.44 2.40 -9.01	33.25 2.31 -6.33	31.49 2.30 -4.94	26.34 2.29 0.00	27.08 2.42 0.00	39.18 2.82 -10.54	43.32 3.14 -11.94	41.08 3.82 -5.73	48.61 4.14 -8.82	50.73 4.18 -6.69	54.05 4.10 -8.14	55.46 4.43 -5.80	59.63 5.27 0.00	67.60 5.95 -2.16	81.84 6.75 -6.24	80.97 6.62 0.00	73.26 5.43 0.00	60.11 4.44 -0.11	55.55 4.02 -6.84	51.06 3.78 -8.70	48.84 3.76 -9.93
GLENWOOD___5 23614	44.39 3.11 -10.81	43.73 2.81 -12.28	40.19 2.54 -11.68	36.44 2.40 -9.01	33.25 2.31 -6.33	31.49 2.30 -4.94	26.34 2.29 0.00	27.08 2.42 0.00	39.18 2.82 -10.54	43.32 3.14 -11.94	41.08 3.82 -5.73	48.61 4.14 -8.82	50.73 4.18 -6.69	54.05 4.10 -8.14	55.46 4.43 -5.80	59.63 5.27 0.00	67.60 5.95 -2.16	81.84 6.75 -6.24	80.97 6.62 0.00	73.26 5.43 0.00	60.11 4.44 -0.11	55.55 4.02 -6.84	51.06 3.78 -8.70	48.84 3.76 -9.93
GLOBAL GREEN_PORT_GT1 23814	46.12 4.78 -10.87	45.34 4.41 -12.29	41.54 3.89 -11.68	37.59 3.55 -9.01	34.43 3.49 -6.33	32.65 3.47 -4.94	27.38 3.32 0.00	28.39 3.73 0.00	40.71 4.34 -10.54	45.24 5.05 -11.94	55.99 6.15 -18.31	96.78 6.95 -54.18	139.56 7.29 -92.42	146.63 7.57 -97.25	145.23 8.32 -91.68	152.62 9.62 -88.64	266.23 9.10 -197.64	277.64 10.46 -198.32	307.06 10.71 -222.00	275.91 8.75 -199.32	173.05 8.39 -109.11	146.22 7.20 -94.33	92.35 6.13 -47.64	54.24 5.62 -13.46
GLOBE___DSASP 323697	29.52 -0.94 0.00	27.55 -1.09 0.00	24.85 -1.12 0.00	23.83 -1.20 0.00	23.33 -1.28 0.00	22.96 -1.29 0.00	22.71 -1.35 0.00	23.33 -1.33 0.00	24.54 -1.29 0.00	27.42 -0.82 0.00	30.24 -1.29 0.00	34.65 -1.00 0.00	38.82 -1.04 0.00	39.67 -2.13 0.00	43.42 -1.81 0.00	51.26 -3.10 0.00	56.04 -3.45 0.00	64.86 -3.99 0.00	71.30 -3.05 0.00	64.17 -3.66 0.00	52.28 -3.28 0.00	42.86 -1.83 0.00	36.88 -1.70 0.00	33.78 -1.37 0.00
GOETHSLN___LBMP 323567	32.91 2.44 0.00	30.82 2.18 0.00	27.94 1.97 0.00	26.88 1.85 0.00	26.43 1.82 0.00	26.07 1.82 0.00	25.96 1.90 0.00	26.66 2.00 0.00	28.20 2.38 0.00	30.90 2.65 0.00	34.75 3.22 0.00	39.00 3.35 0.00	43.04 3.19 0.00	44.90 3.09 0.00	45.01 3.21 3.44	45.06 4.13 13.43	47.07 4.28 16.71	52.46 4.75 21.14	56.94 4.46 21.88	49.47 3.80 22.16	44.57 3.22 14.20	44.36 2.86 3.19	41.70 3.12 0.00	38.17 3.02 0.00
GOLAH___69_KV_TB 1_2 80279	30.65 0.18 0.00	28.67 0.03 0.00	25.89 -0.08 0.00	24.88 -0.15 0.00	24.36 -0.25 0.00	23.93 -0.32 0.00	23.70 -0.36 0.00	24.27 -0.39 0.00	25.49 -0.34 0.00	28.33 0.08 0.00	31.37 -0.16 0.00	35.86 0.21 0.00	40.09 0.24 0.00	41.51 -0.29 0.00	45.32 0.09 0.00	54.14 -0.22 0.00	59.31 -0.18 0.00	68.72 -0.14 0.00	75.47 1.12 0.00	68.11 0.27 0.00	55.72 0.17 0.00	45.23 0.54 0.00	38.92 0.35 0.00	35.40 0.25 0.00

GOODYEAR_LAKE_HYD 323669	32.08 1.61 0.00	30.07 1.43 0.00	27.21 1.25 0.00	26.21 1.18 0.00	25.72 1.11 0.00	25.36 1.12 0.00	25.12 1.06 0.00	25.68 1.01 0.00	26.96 1.14 0.00	29.60 1.36 0.00	33.01 1.48 0.00	37.40 1.75 0.00	41.64 1.79 0.00	43.77 1.96 0.00	47.40 2.17 0.00	57.08 2.72 0.00	62.41 2.92 0.00	72.37 3.51 0.00	78.66 4.31 0.00	71.90 4.07 0.00	59.30 3.39 -0.36	47.33 2.64 0.00	40.81 2.24 0.00	37.09 1.93 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.52 0.70 -0.35	29.41 0.54 -0.22	26.38 0.42 0.00	25.38 0.35 0.00	24.90 0.30 0.00	24.56 0.32 0.00	24.35 0.29 0.00	24.96 0.30 0.00	26.19 0.36 0.00	28.95 0.62 -0.09	32.45 0.63 -0.29	37.01 0.86 -0.51	41.45 0.92 -0.68	43.22 0.75 -0.66	47.09 1.00 -0.86	56.70 0.98 -1.36	62.54 1.19 -1.86	72.55 1.38 -2.31	79.05 2.01 -2.69	71.79 1.56 -2.39	57.97 1.06 -1.36	46.56 1.03 -0.84	39.94 0.93 -0.44	36.43 0.74 -0.54
GOUDEY___7 23579	31.55 0.73 -0.35	29.44 0.57 -0.22	26.40 0.44 0.00	25.40 0.38 0.00	24.93 0.32 0.00	24.59 0.34 0.00	24.35 0.29 0.00	24.99 0.32 0.00	26.21 0.39 0.00	28.98 0.65 -0.09	32.48 0.66 -0.29	37.05 0.89 -0.51	41.49 0.96 -0.68	43.30 0.84 -0.66	47.18 1.09 -0.86	56.76 1.03 -1.36	62.60 1.25 -1.86	72.62 1.45 -2.31	79.13 2.08 -2.69	71.92 1.70 -2.39	58.03 1.11 -1.36	46.61 1.07 -0.84	39.98 0.96 -0.44	36.50 0.81 -0.54
GOUDEY___8 23580	31.52 0.70 -0.35	29.41 0.54 -0.22	26.38 0.42 0.00	25.38 0.35 0.00	24.90 0.30 0.00	24.56 0.32 0.00	24.35 0.29 0.00	24.96 0.30 0.00	26.19 0.36 0.00	28.95 0.62 -0.09	32.45 0.63 -0.29	37.01 0.86 -0.51	41.45 0.92 -0.68	43.22 0.75 -0.66	47.09 1.00 -0.86	56.70 0.98 -1.36	62.54 1.19 -1.86	72.55 1.38 -2.31	79.05 2.01 -2.69	71.79 1.56 -2.39	57.97 1.06 -1.36	46.56 1.03 -0.84	39.94 0.93 -0.44	36.43 0.74 -0.54
GOWANUS_GT1_1 24077	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GOWANUS_GT1_2 24078	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GOWANUS_GT1_3 24079	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GOWANUS_GT1_4 24080	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GOWANUS_GT1_5 24084	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GOWANUS_GT1_6 24111	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GOWANUS_GT1_7 24112	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GOWANUS_GT1_8 24113	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GOWANUS_GT2_1 24114	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT2_2 24115	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT2_3 24116	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01

GOWANUS_GT2_4 24117	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT2_5 24118	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT2_6 24119	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT2_7 24120	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT2_8 24121	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT3_1 24122	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT3_2 24123	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT3_3 24124	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT3_4 24125	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT3_5 24126	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT3_6 24127	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT3_7 24128	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT3_8 24129	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
GOWANUS_GT4_1 24130	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GOWANUS_GT4_2 24131	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 0.00	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -12.20	76.57 4.88 -14.71	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01

GOWANUS_GT4_3 24132	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GOWANUS_GT4_4 24133	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GOWANUS_GT4_5 24134	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GOWANUS_GT4_6 24135	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GOWANUS_GT4_7 24136	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GOWANUS_GT4_8 24137	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GREENBSH_115KV_TB3 55895	31.11 0.64 0.00	29.41 0.77 0.00	26.90 0.93 0.00	25.95 0.93 0.00	25.54 0.94 0.00	25.19 0.95 0.00	24.92 0.87 0.00	25.46 0.79 0.00	26.55 0.72 0.00	28.81 0.56 0.00	32.03 0.50 0.00	36.15 0.50 0.00	40.29 0.44 0.00	42.39 0.59 0.00	45.82 0.59 0.00	55.45 1.09 0.00	60.68 1.19 0.00	70.30 1.45 0.00	75.76 1.41 0.00	69.12 1.29 0.00	57.38 1.17 -0.66	45.63 0.94 0.00	39.27 0.69 0.00	35.89 0.74 0.00
GREENDGE_115KV_TB5 80291	31.42 0.67 -0.28	29.45 0.63 -0.18	26.35 0.39 0.00	25.33 0.30 0.00	24.86 0.25 0.00	24.47 0.22 0.00	24.25 0.19 0.00	24.91 0.25 0.00	26.09 0.26 0.00	28.91 0.59 -0.07	32.27 0.50 -0.23	36.70 0.64 -0.40	41.31 0.92 -0.55	43.04 0.71 -0.52	46.96 1.04 -0.69	56.37 0.92 -1.09	62.22 1.25 -1.48	72.36 1.65 -1.85	79.47 2.97 -2.15	72.05 2.31 -1.91	58.10 1.50 -1.05	46.75 1.39 -0.67	40.01 1.08 -0.35	36.39 0.81 -0.43
GREENIDGE___3 23582	31.42 0.67 -0.28	29.45 0.63 -0.18	26.35 0.39 0.00	25.33 0.30 0.00	24.86 0.25 0.00	24.47 0.22 0.00	24.25 0.19 0.00	24.91 0.25 0.00	26.09 0.26 0.00	28.91 0.59 -0.07	32.27 0.50 -0.23	36.70 0.64 -0.40	41.31 0.92 -0.55	43.04 0.71 -0.52	46.96 1.04 -0.69	56.37 0.92 -1.09	62.22 1.25 -1.48	72.36 1.65 -1.85	79.47 2.97 -2.15	72.05 2.31 -1.91	58.10 1.50 -1.05	46.75 1.39 -0.67	40.01 1.08 -0.35	36.39 0.81 -0.43
GREENIDGE___4 23583	31.42 0.67 -0.28	29.45 0.63 -0.18	26.35 0.39 0.00	25.33 0.30 0.00	24.86 0.25 0.00	24.49 0.24 0.00	24.27 0.22 0.00	24.91 0.25 0.00	26.14 0.31 0.00	28.91 0.59 -0.07	32.36 0.60 -0.23	36.70 0.64 -0.40	41.47 1.08 -0.55	43.71 1.38 -0.52	46.96 1.04 -0.69	56.37 0.92 -1.09	62.40 1.43 -1.48	72.35 1.65 -1.85	79.48 2.98 -2.15	72.11 2.37 -1.91	58.15 1.55 -1.05	46.75 1.39 -0.67	40.05 1.12 -0.35	36.42 0.84 -0.43
GREENLWN_69_KV_BK 3 55738	44.13 2.86 -10.79	43.46 2.55 -12.27	39.98 2.34 -11.68	36.22 2.18 -9.01	33.05 2.12 -6.33	31.30 2.11 -4.94	26.15 2.09 0.00	26.89 2.22 0.00	38.98 2.61 -10.54	43.10 2.91 -11.94	38.03 3.53 -2.97	38.20 3.67 1.13	31.44 3.71 12.11	34.29 3.89 11.40	36.35 4.16 13.04	39.37 4.46 19.44	23.83 5.06 40.72	38.74 5.78 35.90	31.16 5.50 48.70	28.52 4.41 43.72	35.37 3.61 23.80	35.82 3.49 12.36	42.05 3.32 -0.16	47.73 2.99 -9.59
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01
GRISSOM___SOLAR 323813	34.34 3.87 0.00	32.31 3.67 0.00	29.10 3.14 0.00	28.01 2.98 0.00	27.36 2.76 0.00	26.99 2.74 0.00	26.68 2.62 0.00	27.09 2.42 0.00	28.54 2.71 0.00	31.21 2.96 0.00	34.78 3.25 0.00	39.36 3.71 0.00	44.23 4.38 0.00	46.49 4.68 0.00	50.57 5.33 0.00	61.59 7.23 0.00	68.00 8.51 0.00	79.39 10.54 0.00	88.11 13.75 0.00	80.73 12.89 0.00	67.16 10.44 -1.17	52.78 8.09 0.00	44.63 6.06 0.00	40.04 4.88 0.00
GROVEVILLE___HYD 323602	33.03 2.56 0.00	30.96 2.32 0.00	28.09 2.13 0.00	27.01 1.98 0.00	26.50 1.89 0.00	26.12 1.87 0.00	25.89 1.83 0.00	26.52 1.85 0.00	28.07 2.25 0.00	30.64 2.40 0.00	34.40 2.87 0.00	38.72 3.07 0.00	43.08 3.23 0.00	45.23 3.43 0.00	48.94 3.71 0.00	59.20 4.84 0.00	64.73 5.24 0.00	74.99 6.13 0.00	80.45 6.10 0.00	73.06 5.22 0.00	59.89 4.22 -0.12	48.04 3.35 0.00	41.66 3.09 0.00	38.07 2.92 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.36 0.12 -0.77	29.14 0.06 -0.44	25.84 -0.03 0.10	24.92 -0.03 0.09	24.48 -0.05 0.08	24.10 -0.07 0.07	23.92 -0.07 0.07	24.54 -0.05 0.08	25.68 -0.05 0.10	28.39 0.06 -0.09	32.14 0.03 -0.58	36.88 0.14 -1.09	41.57 0.24 -1.48	43.44 0.25 -1.38	47.41 0.32 -1.86	57.69 0.27 -3.06	64.19 0.42 -4.28	74.76 0.55 -5.35	82.26 0.97 -6.94	74.87 0.68 -6.35	59.43 0.39 -3.49	47.34 0.40 -2.24	39.75 0.31 -0.86	36.57 0.25 -1.18

HAMLTNNY_34_KV_TB 80303	31.52 0.24 -0.81	29.26 0.14 -0.47	25.93 0.05 0.09	24.98 0.03 0.08	24.54 0.00 0.07	24.16 -0.02 0.06	23.97 -0.02 0.06	24.59 0.00 0.07	25.74 0.00 0.09	28.52 0.17 -0.11	32.27 0.13 -0.62	37.05 0.25 -1.15	41.82 0.40 -1.57	43.65 0.38 -1.46	47.70 0.50 -1.97	58.06 0.49 -3.21	64.62 0.65 -4.48	75.27 0.83 -5.59	82.83 1.34 -7.14	75.36 1.02 -6.51	59.79 0.67 -3.57	47.61 0.63 -2.30	39.97 0.46 -0.93	36.74 0.35 -1.24
HAMPSHIRE___PAPER_HYD 323593	24.30 -1.52 4.64	23.25 -1.43 3.96	21.74 -1.35 2.88	21.25 -1.35 2.43	21.04 -1.33 2.24	20.89 -1.31 2.05	20.75 -1.30 2.01	21.01 -1.33 2.33	21.49 -1.50 2.84	22.71 -1.64 3.90	24.39 -1.86 5.27	26.60 -2.03 7.02	28.71 -2.23 8.91	29.71 -2.26 9.84	31.47 -2.49 11.28	36.32 -3.04 15.00	39.39 -3.27 16.83	44.55 -3.51 20.79	67.21 -3.42 3.72	67.44 -2.51 -2.11	54.93 -1.78 -1.16	43.69 -1.74 -0.75	28.54 -1.74 8.30	26.84 -1.72 6.59
HARDSCRABBLE_WT_PWR 323673	31.23 0.91 0.15	29.34 0.83 0.13	26.63 0.75 0.09	25.68 0.73 0.08	25.23 0.69 0.07	24.86 0.68 0.06	24.65 0.65 0.06	25.21 0.62 0.07	26.44 0.70 0.09	28.91 0.79 0.12	32.18 0.82 0.17	36.38 0.96 0.23	40.63 1.08 0.30	42.65 1.17 0.32	46.12 1.26 0.37	55.43 1.58 0.50	60.64 1.73 0.57	70.21 2.06 0.71	76.54 2.38 0.19	70.14 2.31 0.00	57.44 1.89 0.00	46.21 1.52 0.00	39.50 1.20 0.27	36.02 1.09 0.22
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.78 2.32 0.00	30.73 2.09 0.00	27.86 1.90 0.00	26.78 1.75 0.00	26.31 1.70 0.00	25.92 1.67 0.00	25.72 1.66 0.00	26.37 1.70 0.00	27.89 2.07 0.00	30.50 2.26 0.00	34.27 2.74 0.00	38.57 2.92 0.00	42.80 2.95 0.00	44.94 3.14 0.00	48.63 3.39 0.00	58.71 4.35 0.00	64.19 4.70 0.00	74.23 5.37 0.00	79.71 5.35 0.00	72.31 4.48 0.00	59.27 3.61 -0.10	47.64 2.95 0.00	41.39 2.82 0.00	37.79 2.64 0.00
HARSNRAD_115KV_TB1 81005	30.19 -0.27 0.00	28.18 -0.46 0.00	25.31 -0.65 0.00	24.35 -0.68 0.00	23.82 -0.79 0.00	23.45 -0.80 0.00	23.17 -0.89 0.00	23.80 -0.86 0.00	25.03 -0.80 0.00	27.99 -0.25 0.00	30.90 -0.63 0.00	35.40 -0.25 0.00	39.57 -0.28 0.00	40.51 -1.30 0.00	44.37 -0.86 0.00	52.40 -1.96 0.00	57.29 -2.20 0.00	66.31 -2.55 0.00	72.86 -1.49 0.00	65.66 -2.17 0.00	53.44 -2.11 0.00	43.75 -0.94 0.00	37.69 -0.89 0.00	34.45 -0.70 0.00
HARZA MOOSE___RIVER 24016	29.63 0.27 1.11	27.85 0.20 0.99	25.32 0.16 0.80	24.45 0.10 0.67	24.06 0.07 0.62	23.78 0.10 0.57	23.55 0.05 0.56	23.99 -0.02 0.65	24.96 -0.08 0.79	27.15 -0.06 1.04	30.05 -0.16 1.32	33.92 -0.04 1.70	37.64 -0.08 2.13	39.48 0.08 2.41	42.58 0.05 2.70	51.04 0.16 3.48	56.10 0.36 3.75	65.00 0.76 4.62	76.01 1.34 -0.32	71.32 1.70 -1.79	57.98 1.44 -0.98	46.30 0.98 -0.63	37.07 0.58 2.09	34.05 0.46 1.56
HDSNBRDG_115KV_BRDG_TB1 355580	30.73 -0.06 -0.32	28.65 -0.14 -0.16	25.67 -0.18 0.11	24.76 -0.18 0.09	24.32 -0.20 0.09	23.95 -0.22 0.08	23.76 -0.22 0.08	24.38 -0.20 0.09	25.48 -0.23 0.11	28.10 -0.11 0.03	31.57 -0.16 -0.20	35.98 -0.11 -0.44	40.39 -0.08 -0.61	42.22 -0.13 -0.54	45.96 -0.05 -0.77	55.53 -0.16 -1.33	61.39 -0.06 -1.95	71.23 -0.07 -2.44	78.29 0.30 -3.64	71.35 0.07 -3.44	57.33 -0.11 -1.89	45.91 0.00 -1.22	38.87 0.00 -0.29	35.61 -0.04 -0.50
HELLGATE_13_KV_LD 55870	33.15 2.68 0.00	31.05 2.41 0.00	28.14 2.18 0.00	27.06 2.03 0.00	26.58 1.97 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.74 2.07 0.00	28.26 2.43 0.00	30.96 2.71 0.00	34.84 3.31 0.00	39.11 3.46 0.00	43.16 3.31 0.00	45.07 3.26 0.00	48.44 3.21 0.01	55.75 4.19 2.79	57.84 4.40 6.06	66.30 4.75 7.31	78.81 4.46 0.01	68.08 3.73 3.48	54.66 3.28 4.17	47.68 2.99 0.00	42.05 3.47 0.00	38.46 3.30 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.15 2.68 0.00	31.05 2.41 0.00	28.14 2.18 0.00	27.06 2.03 0.00	26.58 1.97 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.74 2.07 0.00	28.26 2.43 0.00	30.96 2.71 0.00	34.84 3.31 0.00	39.11 3.46 0.00	43.16 3.31 0.00	45.07 3.26 0.00	48.44 3.21 0.01	55.75 4.19 2.79	57.84 4.40 6.06	66.30 4.75 7.31	78.81 4.46 0.01	68.08 3.73 3.48	54.66 3.28 4.17	47.68 2.99 0.00	42.05 3.47 0.00	38.46 3.30 -0.01
HEMPSTEAD____ 23647	44.20 2.93 -10.81	43.55 2.63 -12.28	40.06 2.42 -11.68	36.32 2.28 -9.01	33.15 2.22 -6.33	31.34 2.16 -4.94	26.18 2.12 0.00	27.01 2.34 0.00	39.06 2.69 -10.54	43.15 2.96 -11.94	40.82 3.56 -5.73	48.36 3.89 -8.82	50.33 3.79 -6.69	53.55 3.60 -8.14	55.15 4.12 -5.80	59.20 4.84 0.00	67.12 5.47 -2.16	81.42 6.33 -6.24	80.60 6.25 0.00	72.92 5.09 0.00	59.78 4.11 -0.11	55.37 3.84 -6.84	50.95 3.67 -8.71	48.56 3.48 -9.93
HEWLETT_69_KV_BK3 55828	44.51 3.23 -10.81	43.81 2.89 -12.28	40.29 2.65 -11.68	36.54 2.50 -9.01	33.35 2.41 -6.33	31.59 2.40 -4.94	26.42 2.36 0.00	27.18 2.52 0.00	39.29 2.92 -10.54	43.41 3.22 -11.94	41.14 3.88 -5.73	48.68 4.21 -8.82	50.85 4.30 -6.69	54.42 4.47 -8.14	55.60 4.57 -5.80	59.90 5.54 0.00	67.83 6.19 -2.16	81.77 6.68 -6.24	80.89 6.54 0.00	73.26 5.43 0.00	60.44 4.78 -0.11	55.77 4.25 -6.84	51.52 4.24 -8.70	49.05 3.97 -9.93
HICKLING___1 23621	31.75 1.01 -0.28	29.59 0.77 -0.17	26.51 0.55 0.00	25.48 0.45 0.00	24.98 0.37 0.00	24.64 0.39 0.00	24.40 0.34 0.00	25.04 0.37 0.00	26.32 0.49 0.00	29.22 0.90 -0.07	32.67 0.91 -0.23	37.30 1.25 -0.40	41.82 1.43 -0.54	43.45 1.13 -0.52	47.45 1.54 -0.68	56.85 1.41 -1.07	62.68 1.73 -1.46	72.61 1.93 -1.82	79.37 2.90 -2.12	72.03 2.31 -1.88	58.01 1.39 -1.07	46.83 1.47 -0.67	40.20 1.27 -0.35	36.56 0.98 -0.42
HICKLING___2 23622	31.75 1.01 -0.28	29.59 0.77 -0.17	26.51 0.55 0.00	25.48 0.45 0.00	24.98 0.37 0.00	24.64 0.39 0.00	24.40 0.34 0.00	25.04 0.37 0.00	26.32 0.49 0.00	29.22 0.90 -0.07	32.67 0.91 -0.23	37.30 1.25 -0.40	41.82 1.43 -0.54	43.45 1.13 -0.52	47.45 1.54 -0.68	56.85 1.41 -1.07	62.68 1.73 -1.46	72.61 1.93 -1.82	79.37 2.90 -2.12	72.03 2.31 -1.88	58.01 1.39 -1.07	46.83 1.47 -0.67	40.20 1.27 -0.35	36.56 0.98 -0.42
HIGH FALLS___HY 23754	33.00 2.53 0.00	30.79 2.15 0.00	27.88 1.92 0.00	26.78 1.75 0.00	26.28 1.67 0.00	25.90 1.65 0.00	25.67 1.61 0.00	26.34 1.68 0.00	27.92 2.09 0.00	30.53 2.29 0.00	34.37 2.84 0.00	38.64 2.99 0.00	42.88 3.03 0.00	45.07 3.26 0.00	48.76 3.53 0.00	58.93 4.57 0.00	64.49 5.00 0.00	74.78 5.92 0.00	80.30 5.95 0.00	72.92 5.09 0.00	59.72 4.00 -0.17	47.86 3.17 0.00	41.62 3.05 0.00	38.00 2.85 0.00
HIGH_RIVER___SOLAR 323847	32.05 1.58 0.00	30.16 1.52 0.00	27.34 1.38 0.00	26.35 1.33 0.00	25.86 1.25 0.00	25.48 1.24 0.00	25.21 1.15 0.00	25.68 1.01 0.00	26.91 1.08 0.00	29.34 1.10 0.00	32.73 1.20 0.00	37.04 1.39 0.00	41.37 1.51 0.00	43.35 1.55 0.00	47.04 1.81 0.00	56.81 2.45 0.00	62.29 2.80 0.00	72.37 3.51 0.00	78.74 4.39 0.00	72.11 4.28 0.00	60.51 3.67 -1.29	47.55 2.86 0.00	40.85 2.28 0.00	37.12 1.97 0.00

HILLBURN___GT 23639	32.76 2.29 0.00	30.70 2.06 0.00	27.86 1.89 0.00	26.78 1.75 0.00	26.31 1.70 0.00	25.92 1.67 0.00	25.74 1.68 0.00	26.44 1.78 0.00	27.95 2.12 0.00	30.59 2.34 0.00	34.34 2.81 0.00	38.68 3.03 0.00	42.72 2.87 0.00	44.65 2.84 0.00	48.49 3.26 0.00	58.44 4.08 0.00	63.83 4.34 0.00	73.88 5.02 0.00	79.18 4.83 0.00	71.90 4.07 0.00	58.93 3.28 -0.10	47.51 2.82 0.00	41.39 2.81 0.00	37.79 2.64 0.00
HILLSIDE_115KV_TB1 80332	31.24 0.49 -0.29	29.14 0.32 -0.18	26.15 0.18 0.00	25.13 0.10 0.00	24.66 0.05 0.00	24.32 0.07 0.00	24.08 0.02 0.00	24.69 0.02 0.00	25.98 0.15 0.00	28.85 0.54 -0.07	32.27 0.50 -0.24	36.81 0.75 -0.41	41.20 0.80 -0.55	42.80 0.46 -0.53	46.74 0.81 -0.70	56.01 0.54 -1.11	61.71 0.71 -1.50	71.49 0.76 -1.88	78.02 1.49 -2.18	70.72 0.95 -1.94	56.99 0.33 -1.10	46.00 0.63 -0.69	39.55 0.62 -0.36	36.01 0.42 -0.43
HISHELDN_WT_PWR 323625	30.77 0.30 0.00	28.70 0.06 0.00	25.86 -0.10 0.00	24.83 -0.20 0.00	24.31 -0.29 0.00	24.01 -0.24 0.00	23.70 -0.36 0.00	24.32 -0.35 0.00	25.70 -0.13 0.00	28.56 0.31 0.00	31.78 0.25 0.00	36.15 0.50 0.00	40.73 0.88 0.00	42.89 1.09 0.00	45.55 0.32 0.00	53.92 -0.44 0.00	59.43 -0.06 0.00	68.24 -0.62 0.00	74.88 0.52 0.00	67.63 -0.20 0.00	54.94 -0.61 0.00	44.78 0.09 0.00	38.65 0.08 0.00	35.19 0.04 0.00
HOLTSVILLE_IC_1 23690	44.68 3.35 -10.86	44.05 3.12 -12.29	40.45 2.80 -11.68	36.60 2.55 -9.01	33.42 2.48 -6.33	31.66 2.47 -4.94	26.42 2.36 0.00	27.31 2.64 0.00	39.36 2.99 -10.54	43.55 3.36 -11.94	53.39 3.81 -18.05	92.93 4.03 -53.25	134.50 3.98 -90.66	141.20 3.97 -95.42	139.54 4.39 -89.92	146.18 5.00 -86.82	258.71 5.59 -193.63	269.79 6.54 -194.38	298.26 6.47 -217.45	268.42 5.36 -195.23	166.76 4.34 -106.87	141.25 4.02 -92.54	89.28 3.86 -46.84	52.21 3.62 -13.43
HOLTSVILLE_IC_10 23699	44.90 3.56 -10.87	44.25 3.32 -12.29	40.60 2.96 -11.68	36.72 2.68 -9.01	33.54 2.61 -6.33	31.78 2.60 -4.94	26.51 2.46 0.00	27.43 2.76 0.00	39.52 3.15 -10.54	43.74 3.56 -11.94	54.62 4.07 -19.02	96.73 4.35 -56.74	141.41 4.31 -97.25	148.43 4.35 -102.27	146.59 4.84 -96.52	153.48 5.49 -93.63	274.27 6.13 -208.65	285.03 7.03 -209.15	315.92 7.07 -234.51	284.42 6.04 -210.55	175.69 4.89 -115.25	148.38 4.43 -99.26	92.62 4.21 -49.84	52.62 3.90 -13.57
HOLTSVILLE_IC_2 23691	44.68 3.35 -10.86	44.05 3.12 -12.29	40.45 2.80 -11.68	36.60 2.55 -9.01	33.42 2.48 -6.33	31.66 2.47 -4.94	26.42 2.36 0.00	27.31 2.64 0.00	39.36 2.99 -10.54	43.55 3.36 -11.94	53.39 3.81 -18.05	92.93 4.03 -53.25	134.50 3.98 -90.66	141.20 3.97 -95.42	139.54 4.39 -89.92	146.18 5.00 -86.82	258.71 5.59 -193.63	269.79 6.54 -194.38	298.26 6.47 -217.45	268.42 5.36 -195.23	166.76 4.34 -106.87	141.25 4.02 -92.54	89.28 3.86 -46.84	52.21 3.62 -13.43
HOLTSVILLE_IC_3 23692	44.68 3.35 -10.86	44.05 3.12 -12.29	40.45 2.80 -11.68	36.60 2.55 -9.01	33.42 2.48 -6.33	31.66 2.47 -4.94	26.42 2.36 0.00	27.31 2.64 0.00	39.36 2.99 -10.54	43.55 3.36 -11.94	53.39 3.81 -18.05	92.93 4.03 -53.25	134.50 3.98 -90.66	141.20 3.97 -95.42	139.54 4.39 -89.92	146.18 5.00 -86.82	258.71 5.59 -193.63	269.79 6.54 -194.38	298.26 6.47 -217.45	268.42 5.36 -195.23	166.76 4.34 -106.87	141.25 4.02 -92.54	89.28 3.86 -46.84	52.21 3.62 -13.43
HOLTSVILLE_IC_4 23693	44.68 3.35 -10.86	44.05 3.12 -12.29	40.45 2.80 -11.68	36.60 2.55 -9.01	33.42 2.48 -6.33	31.66 2.47 -4.94	26.42 2.36 0.00	27.31 2.64 0.00	39.36 2.99 -10.54	43.55 3.36 -11.94	53.39 3.81 -18.05	92.93 4.03 -53.25	134.50 3.98 -90.66	141.20 3.97 -95.42	139.54 4.39 -89.92	146.18 5.00 -86.82	258.71 5.59 -193.63	269.79 6.54 -194.38	298.26 6.47 -217.45	268.42 5.36 -195.23	166.76 4.34 -106.87	141.25 4.02 -92.54	89.28 3.86 -46.84	52.21 3.62 -13.43
HOLTSVILLE_IC_5 23694	44.68 3.35 -10.86	44.05 3.12 -12.29	40.45 2.80 -11.68	36.60 2.55 -9.01	33.42 2.48 -6.33	31.66 2.47 -4.94	26.42 2.36 0.00	27.31 2.64 0.00	39.36 2.99 -10.54	43.55 3.36 -11.94	53.39 3.81 -18.05	92.93 4.03 -53.25	134.50 3.98 -90.66	141.20 3.97 -95.42	139.54 4.39 -89.92	146.18 5.00 -86.82	258.71 5.59 -193.63	269.79 6.54 -194.38	298.26 6.47 -217.45	268.42 5.36 -195.23	166.76 4.34 -106.87	141.25 4.02 -92.54	89.28 3.86 -46.84	52.21 3.62 -13.43
HOLTSVILLE_IC_6 23695	44.90 3.56 -10.87	44.25 3.32 -12.29	40.60 2.96 -11.68	36.72 2.68 -9.01	33.54 2.61 -6.33	31.78 2.60 -4.94	26.51 2.46 0.00	27.43 2.76 0.00	39.52 3.15 -10.54	43.74 3.56 -11.94	54.62 4.07 -19.02	96.73 4.35 -56.74	141.41 4.31 -97.25	148.43 4.35 -102.27	146.59 4.84 -96.52	153.48 5.49 -93.63	274.27 6.13 -208.65	285.03 7.03 -209.15	315.92 7.07 -234.51	284.42 6.04 -210.55	175.69 4.89 -115.25	148.38 4.43 -99.26	92.62 4.21 -49.84	52.62 3.90 -13.57
HOLTSVILLE_IC_7 23696	44.90 3.56 -10.87	44.25 3.32 -12.29	40.60 2.96 -11.68	36.72 2.68 -9.01	33.54 2.61 -6.33	31.78 2.60 -4.94	26.51 2.46 0.00	27.43 2.76 0.00	39.52 3.15 -10.54	43.74 3.56 -11.94	54.62 4.07 -19.02	96.73 4.35 -56.74	141.41 4.31 -97.25	148.43 4.35 -102.27	146.59 4.84 -96.52	153.48 5.49 -93.63	274.27 6.13 -208.65	285.03 7.03 -209.15	315.92 7.07 -234.51	284.42 6.04 -210.55	175.69 4.89 -115.25	148.38 4.43 -99.26	92.62 4.21 -49.84	52.62 3.90 -13.57
HOLTSVILLE_IC_8 23697	44.90 3.56 -10.87	44.25 3.32 -12.29	40.60 2.96 -11.68	36.72 2.68 -9.01	33.54 2.61 -6.33	31.78 2.60 -4.94	26.51 2.46 0.00	27.43 2.76 0.00	39.52 3.15 -10.54	43.74 3.56 -11.94	54.62 4.07 -19.02	96.73 4.35 -56.74	141.41 4.31 -97.25	148.43 4.35 -102.27	146.59 4.84 -96.52	153.48 5.49 -93.63	274.27 6.13 -208.65	285.03 7.03 -209.15	315.92 7.07 -234.51	284.42 6.04 -210.55	175.69 4.89 -115.25	148.38 4.43 -99.26	92.62 4.21 -49.84	52.62 3.90 -13.57
HOLTSVILLE_IC_9 23698	44.90 3.56 -10.87	44.25 3.32 -12.29	40.60 2.96 -11.68	36.72 2.68 -9.01	33.54 2.61 -6.33	31.78 2.60 -4.94	26.51 2.46 0.00	27.43 2.76 0.00	39.52 3.15 -10.54	43.74 3.56 -11.94	54.62 4.07 -19.02	96.73 4.35 -56.74	141.41 4.31 -97.25	148.43 4.35 -102.27	146.59 4.84 -96.52	153.48 5.49 -93.63	274.27 6.13 -208.65	285.03 7.03 -209.15	315.92 7.07 -234.51	284.42 6.04 -210.55	175.69 4.89 -115.25	148.38 4.43 -99.26	92.62 4.21 -49.84	52.62 3.90 -13.57
HOMER_HL_115KV_TB2 355744	30.83 0.37 0.00	28.76 0.11 0.00	25.89 -0.08 0.00	24.85 -0.18 0.00	24.31 -0.30 0.00	24.01 -0.24 0.00	23.75 -0.31 0.00	24.37 -0.30 0.00	25.75 -0.08 0.00	28.78 0.54 0.00	31.97 0.44 0.00	36.51 0.86 0.00	40.77 0.92 0.00	41.56 -0.25 0.00	45.60 0.36 0.00	53.82 -0.54 0.00	59.02 -0.48 0.00	68.03 -0.83 0.00	74.50 0.15 0.00	67.22 -0.61 0.00	54.39 -1.17 0.00	44.33 -0.36 0.00	38.85 0.27 0.00	35.29 0.14 0.00
HOWARD_WT_PWR 323690	31.89 1.22 -0.21	29.71 0.94 -0.13	26.64 0.67 0.00	25.58 0.55 0.00	25.05 0.44 0.00	24.73 0.48 0.00	24.44 0.38 0.00	25.11 0.44 0.00	26.39 0.57 0.00	29.31 1.02 -0.05	32.74 1.04 -0.17	37.30 1.35 -0.29	42.12 1.87 -0.40	44.28 2.09 -0.38	47.31 1.58 -0.50	56.35 1.19 -0.79	62.41 1.85 -1.08	71.99 1.79 -1.34	79.11 3.19 -1.56	71.66 2.44 -1.39	57.82 1.50 -0.76	46.74 1.56 -0.49	40.18 1.35 -0.26	36.52 1.05 -0.31

HQ_GEN_CEDARS 23644	19.05 -1.25 10.17	19.05 -1.06 8.53	19.08 -0.99 5.90	19.05 -1.00 4.98	19.05 -0.96 4.60	19.05 -0.99 4.20	19.05 -0.89 4.12	19.05 -0.84 4.78	19.05 -0.96 5.82	19.05 -1.05 8.15	19.05 -1.14 11.35	19.05 -1.28 15.32	19.05 -1.28 19.52	19.09 -1.34 21.38	19.05 -1.49 24.69	19.00 -2.12 33.24	19.11 -2.50 37.89	19.05 -2.96 46.85	58.35 -3.49 12.51	65.19 -2.65 0.00	53.72 -1.83 0.00	42.86 -1.83 0.00	19.09 -1.66 17.83	19.08 -1.58 14.49
HQ_GEN_CEDARS_PROXY 323590	19.05 -1.25 10.17	19.05 -1.06 8.53	19.05 -1.01 5.90	19.05 -1.00 4.98	19.05 -0.96 4.60	19.05 -1.00 4.20	19.05 -0.89 4.12	19.05 -0.84 4.78	19.05 -0.96 5.82	19.05 -1.04 8.15	19.05 -1.13 11.35	19.05 -1.28 15.32	19.05 -1.28 19.52	19.05 -1.38 21.38	19.05 -1.49 24.69	19.05 -2.07 33.24	19.05 -2.56 37.89	19.05 -2.96 46.85	58.35 -3.49 12.51	65.95 -2.65 -0.76	52.96 -1.83 0.76	42.86 -1.83 0.00	19.05 -1.70 17.83	19.05 -1.62 14.49
HQ_GEN_IMPORT 323601	30.14 -0.67 -0.34	28.33 -0.60 -0.29	25.62 -0.55 -0.20	24.65 -0.55 -0.17	24.25 -0.52 -0.16	23.88 -0.51 -0.14	23.72 -0.48 -0.14	24.38 -0.44 -0.16	25.51 -0.52 -0.20	27.95 -0.56 -0.28	31.28 -0.63 -0.38	35.45 -0.71 -0.52	39.83 -0.68 -0.66	41.82 -0.71 -0.72	45.30 -0.77 -0.83	54.45 -1.03 -1.12	59.58 -1.19 -1.28	69.06 -1.38 -1.58	73.21 -1.56 -0.42	67.30 -1.29 -0.76	53.80 -1.00 0.76	43.75 -0.94 0.00	38.33 -0.85 -0.60	34.83 -0.81 -0.49
HQ_GEN_WHEEL 23651	30.14 -0.67 -0.34	28.33 -0.60 -0.29	25.62 -0.55 -0.20	24.65 -0.55 -0.17	24.25 -0.52 -0.16	23.88 -0.51 -0.14	23.72 -0.48 -0.14	24.38 -0.44 -0.16	25.51 -0.52 -0.20	27.95 -0.56 -0.28	31.28 -0.63 -0.38	35.45 -0.71 -0.52	39.83 -0.68 -0.66	41.82 -0.71 -0.72	45.30 -0.77 -0.83	54.45 -1.03 -1.12	59.58 -1.19 -1.28	69.06 -1.38 -1.58	73.21 -1.56 -0.42	67.30 -1.29 -0.76	53.80 -1.00 0.76	43.75 -0.94 0.00	38.33 -0.85 -0.60	34.83 -0.81 -0.49
HUDSON AVE_GT_3 23810	33.12 2.65 0.00	31.02 2.38 0.00	28.12 2.15 0.00	27.06 2.03 0.00	26.58 1.97 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.81 2.15 0.00	28.33 2.51 0.00	31.04 2.80 0.00	34.90 3.37 0.00	39.21 3.56 0.00	43.32 3.47 0.00	45.28 3.47 0.00	48.85 3.62 0.00	58.98 4.62 0.00	64.37 4.88 0.00	74.30 5.44 0.00	79.56 5.20 0.00	72.24 4.41 0.00	59.44 3.78 -0.11	47.95 3.26 0.00	41.97 3.39 0.00	38.39 3.23 0.00
HUDSON AVE_GT_4 23540	33.12 2.65 0.00	31.02 2.38 0.00	28.12 2.15 0.00	27.06 2.03 0.00	26.58 1.97 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.81 2.15 0.00	28.33 2.51 0.00	31.04 2.80 0.00	34.90 3.37 0.00	39.21 3.56 0.00	43.32 3.47 0.00	45.28 3.47 0.00	48.85 3.62 0.00	58.98 4.62 0.00	64.37 4.88 0.00	74.30 5.44 0.00	79.56 5.20 0.00	72.24 4.41 0.00	59.44 3.78 -0.11	47.95 3.26 0.00	41.97 3.39 0.00	38.39 3.23 0.00
HUDSON AVE_GT_5 23657	33.12 2.65 0.00	31.02 2.38 0.00	28.12 2.15 0.00	27.06 2.03 0.00	26.58 1.97 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.81 2.15 0.00	28.33 2.51 0.00	31.04 2.80 0.00	34.90 3.37 0.00	39.21 3.56 0.00	43.32 3.47 0.00	45.28 3.47 0.00	48.85 3.62 0.00	58.98 4.62 0.00	64.37 4.88 0.00	74.30 5.44 0.00	79.56 5.20 0.00	72.24 4.41 0.00	59.44 3.78 -0.11	47.95 3.26 0.00	41.97 3.39 0.00	38.39 3.23 0.00
HUDSON_AVE_10 24168	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.06 2.00 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.04 2.80 0.00	34.87 3.34 0.00	39.18 3.53 0.00	43.28 3.43 0.00	45.23 3.43 0.00	48.81 3.57 0.00	58.93 4.57 0.00	64.31 4.82 0.00	74.23 5.37 0.00	79.48 5.13 0.00	72.24 4.41 0.00	59.39 3.72 -0.11	47.91 3.22 0.00	41.93 3.36 0.00	38.32 3.16 0.00
HUDSON___115KV_TB 4 355613	31.72 1.25 0.00	30.07 1.43 0.00	27.42 1.45 0.00	26.43 1.40 0.00	25.96 1.35 0.00	25.58 1.33 0.00	25.26 1.20 0.00	25.73 1.06 0.00	26.83 1.01 0.00	29.06 0.82 0.00	32.19 0.66 0.00	36.36 0.71 0.00	40.65 0.80 0.00	42.81 1.00 0.00	46.36 1.13 0.00	56.32 1.96 0.00	61.93 2.44 0.00	72.09 3.24 0.00	78.07 3.72 0.00	71.43 3.60 0.00	58.92 2.83 -0.53	46.92 2.23 0.00	40.12 1.54 0.00	36.59 1.44 0.00
HUNTER MOUNT___DRP 323613	31.84 1.37 0.00	30.25 1.60 0.00	27.63 1.66 0.00	26.61 1.58 0.00	26.13 1.53 0.00	25.73 1.48 0.00	25.36 1.30 0.00	25.75 1.09 0.00	26.89 1.06 0.00	29.06 0.82 0.00	32.10 0.57 0.00	36.26 0.61 0.00	40.65 0.80 0.00	42.85 1.05 0.00	46.45 1.22 0.00	56.53 2.17 0.00	62.29 2.80 0.00	72.58 3.72 0.00	78.81 4.46 0.00	72.18 4.34 0.00	59.28 3.28 -0.45	47.24 2.55 0.00	40.23 1.66 0.00	36.70 1.55 0.00
HUNTINGTON_RES_REC 323705	44.43 3.20 -10.76	43.80 2.89 -12.26	40.26 2.62 -11.68	36.44 2.40 -9.01	33.28 2.34 -6.33	31.49 2.30 -4.94	26.27 2.21 0.00	27.13 2.47 0.00	39.21 2.84 -10.54	43.40 3.22 -11.94	72.26 3.78 -36.95	161.00 3.99 -121.36	263.22 3.98 -219.39	275.13 4.10 -229.22	268.67 4.57 -218.87	279.27 5.00 -219.91	552.28 5.65 -487.13	558.26 6.61 -482.79	631.66 6.54 -550.76	567.63 5.29 -494.50	330.31 4.22 -270.53	272.58 3.98 -223.91	147.60 3.70 -105.32	48.63 3.45 -10.04
HUNTLEY___63 23557	30.47 0.00 0.00	28.44 -0.20 0.00	25.57 -0.39 0.00	24.55 -0.48 0.00	24.04 -0.57 0.00	23.64 -0.61 0.00	23.38 -0.67 0.00	24.05 -0.62 0.00	25.31 -0.52 0.00	28.30 0.06 0.00	31.31 -0.22 0.00	35.86 0.21 0.00	40.17 0.32 0.00	41.18 -0.63 0.00	45.14 -0.09 0.00	53.11 -1.25 0.00	58.12 -1.37 0.00	67.14 -1.72 0.00	73.76 -0.59 0.00	66.41 -1.42 0.00	54.00 -1.56 0.00	44.29 -0.40 0.00	38.19 -0.39 0.00	34.91 -0.25 0.00
HUNTLEY___64 23558	30.47 0.00 0.00	28.44 -0.20 0.00	25.57 -0.39 0.00	24.55 -0.48 0.00	24.04 -0.57 0.00	23.64 -0.61 0.00	23.38 -0.67 0.00	24.05 -0.62 0.00	25.31 -0.52 0.00	28.30 0.06 0.00	31.31 -0.22 0.00	35.86 0.21 0.00	40.17 0.32 0.00	41.18 -0.63 0.00	45.14 -0.09 0.00	53.11 -1.25 0.00	58.12 -1.37 0.00	67.14 -1.72 0.00	73.76 -0.59 0.00	66.41 -1.42 0.00	54.00 -1.56 0.00	44.29 -0.40 0.00	38.19 -0.39 0.00	34.91 -0.25 0.00
HUNTLEY___65 23559	30.47 0.00 0.00	28.44 -0.20 0.00	25.57 -0.39 0.00	24.55 -0.48 0.00	24.04 -0.57 0.00	23.64 -0.61 0.00	23.38 -0.67 0.00	24.05 -0.62 0.00	25.31 -0.52 0.00	28.30 0.06 0.00	31.31 -0.22 0.00	35.86 0.21 0.00	40.17 0.32 0.00	41.18 -0.63 0.00	45.14 -0.09 0.00	53.11 -1.25 0.00	58.12 -1.37 0.00	67.14 -1.72 0.00	73.76 -0.59 0.00	66.41 -1.42 0.00	54.00 -1.56 0.00	44.29 -0.40 0.00	38.19 -0.39 0.00	34.91 -0.25 0.00
HUNTLEY___66 23560	30.47 0.00 0.00	28.44 -0.20 0.00	25.57 -0.39 0.00	24.55 -0.48 0.00	24.04 -0.57 0.00	23.64 -0.61 0.00	23.38 -0.67 0.00	24.05 -0.62 0.00	25.31 -0.52 0.00	28.30 0.06 0.00	31.31 -0.22 0.00	35.86 0.21 0.00	40.17 0.32 0.00	41.18 -0.63 0.00	45.14 -0.09 0.00	53.11 -1.25 0.00	58.12 -1.37 0.00	67.14 -1.72 0.00	73.76 -0.59 0.00	66.41 -1.42 0.00	54.00 -1.56 0.00	44.29 -0.40 0.00	38.19 -0.39 0.00	34.91 -0.25 0.00

HUNTLEY___67 23561	30.38 -0.09 0.00	28.33 -0.32 0.00	25.50 -0.47 0.00	24.50 -0.53 0.00	23.97 -0.64 0.00	23.59 -0.65 0.00	23.36 -0.70 0.00	24.00 -0.67 0.00	25.26 -0.57 0.00	28.22 -0.03 0.00	31.18 -0.35 0.00	35.72 0.07 0.00	40.01 0.16 0.00	40.97 -0.84 0.00	44.87 -0.36 0.00	53.00 -1.36 0.00	58.00 -1.49 0.00	67.07 -1.79 0.00	73.68 -0.67 0.00	66.41 -1.42 0.00	54.00 -1.56 0.00	44.15 -0.54 0.00	38.04 -0.54 0.00	34.77 -0.39 0.00
HUNTLEY___68 23562	30.38 -0.09 0.00	28.33 -0.32 0.00	25.50 -0.47 0.00	24.50 -0.53 0.00	23.97 -0.64 0.00	23.59 -0.65 0.00	23.36 -0.70 0.00	24.00 -0.67 0.00	25.26 -0.57 0.00	28.22 -0.03 0.00	31.18 -0.35 0.00	35.72 0.07 0.00	40.01 0.16 0.00	40.97 -0.84 0.00	44.87 -0.36 0.00	53.00 -1.36 0.00	58.00 -1.49 0.00	67.07 -1.79 0.00	73.68 -0.67 0.00	66.41 -1.42 0.00	54.00 -1.56 0.00	44.15 -0.54 0.00	38.04 -0.54 0.00	34.77 -0.39 0.00
HYLAND___LFGE 323620	32.39 1.92 0.00	30.24 1.60 0.00	27.10 1.14 0.00	26.00 0.98 0.00	25.47 0.86 0.00	25.07 0.82 0.00	24.63 0.58 0.00	24.94 0.27 0.00	25.72 -0.10 0.00	28.13 -0.11 0.00	31.02 -0.51 0.00	35.15 -0.50 0.00	39.53 -0.32 0.00	40.43 -1.38 0.00	43.24 -1.99 0.00	51.59 -2.77 0.00	57.23 -2.26 0.00	67.34 -1.52 0.00	75.84 1.49 0.00	70.14 2.31 0.00	57.78 2.22 0.00	46.70 2.01 0.00	40.16 1.58 0.00	37.51 2.36 0.00
INDECK___CORINTH 23802	31.90 1.43 0.00	30.04 1.40 0.00	27.26 1.30 0.00	26.26 1.23 0.00	25.74 1.13 0.00	25.39 1.14 0.00	25.12 1.06 0.00	25.60 0.94 0.00	26.94 1.11 0.00	29.29 1.05 0.00	32.44 0.91 0.00	36.79 1.14 0.00	41.33 1.48 0.00	43.06 1.25 0.00	46.82 1.58 0.00	56.86 2.50 0.00	62.41 2.91 0.00	72.37 3.51 0.00	79.33 4.98 0.00	72.78 4.95 0.00	61.19 4.39 -1.25	48.08 3.39 0.00	40.85 2.28 0.00	37.01 1.86 0.00
INDECK___ILION 23567	30.95 0.64 0.15	29.09 0.57 0.13	26.42 0.55 0.09	25.45 0.50 0.08	25.03 0.49 0.07	24.67 0.48 0.06	24.45 0.46 0.06	25.04 0.44 0.07	26.23 0.49 0.09	28.66 0.54 0.12	31.93 0.57 0.17	36.06 0.64 0.23	40.23 0.68 0.30	42.23 0.75 0.32	45.72 0.86 0.37	54.94 1.09 0.50	60.11 1.19 0.57	69.59 1.45 0.71	75.80 1.64 0.19	69.39 1.56 0.00	56.89 1.33 0.00	45.72 1.03 0.00	39.12 0.81 0.27	35.67 0.74 0.22
INDECK___OLEAN 23982	30.84 0.37 0.00	28.76 0.12 0.00	25.91 -0.05 0.00	24.85 -0.17 0.00	24.31 -0.29 0.00	24.08 -0.17 0.00	23.75 -0.31 0.00	24.37 -0.29 0.00	25.83 0.00 0.00	28.78 0.54 0.00	32.10 0.57 0.00	36.50 0.85 0.00	41.01 1.16 0.00	43.23 1.42 0.00	45.59 0.36 0.00	53.82 -0.54 0.00	59.37 -0.12 0.00	68.10 -0.76 0.00	74.50 0.15 0.00	67.29 -0.55 0.00	54.50 -1.06 0.00	44.33 -0.36 0.00	38.96 0.39 0.00	35.40 0.25 0.00
INDECK___OSWEGO 23783	31.88 -0.52 -1.93	29.23 -0.55 -1.13	25.23 -0.55 0.19	24.34 -0.53 0.16	23.92 -0.54 0.15	23.58 -0.53 0.13	23.40 -0.53 0.13	23.97 -0.54 0.15	25.05 -0.59 0.19	27.94 -0.59 -0.29	32.32 -0.69 -1.48	37.67 -0.71 -2.74	42.86 -0.72 -3.73	44.67 -0.63 -3.49	48.69 -1.22 -4.68	60.46 -1.52 -7.62	68.54 -1.55 -10.59	80.29 -1.79 -13.22	89.51 -1.56 -16.72	81.55 -1.49 -15.20	62.56 -1.33 -8.34	49.08 -0.98 -5.37	40.27 -0.54 -2.23	37.57 -0.53 -2.95
INDECK___YERKES 23781	30.53 0.06 0.00	28.47 -0.17 0.00	25.63 -0.34 0.00	24.58 -0.45 0.00	24.07 -0.54 0.00	23.76 -0.48 0.00	23.43 -0.63 0.00	24.07 -0.59 0.00	25.44 -0.39 0.00	28.33 0.08 0.00	31.50 -0.03 0.00	35.90 0.25 0.00	40.49 0.64 0.00	42.72 0.92 0.00	45.23 0.00 0.00	53.16 -1.20 0.00	58.66 -0.83 0.00	67.14 -1.72 0.00	73.75 -0.60 0.00	66.48 -1.36 0.00	54.06 -1.50 0.00	44.33 -0.36 0.00	38.31 -0.27 0.00	35.01 -0.14 0.00
INDIAN POINT_GT_1 24139	32.75 2.29 0.00	30.70 2.06 0.00	27.86 1.90 0.00	26.81 1.78 0.00	26.31 1.70 0.00	25.95 1.70 0.00	25.79 1.73 0.00	26.47 1.80 0.00	27.97 2.14 0.00	30.59 2.34 0.00	34.34 2.81 0.00	38.61 2.96 0.00	42.72 2.87 0.00	44.77 2.97 0.00	48.40 3.17 0.00	58.38 4.02 0.00	63.78 4.28 0.00	73.75 4.89 0.00	79.04 4.68 0.00	71.77 3.93 0.00	58.94 3.28 -0.11	47.51 2.82 0.00	41.39 2.82 0.00	37.82 2.67 0.00
INDIAN POINT_GT_2 23659	32.75 2.29 0.00	30.70 2.06 0.00	27.86 1.90 0.00	26.81 1.78 0.00	26.31 1.70 0.00	25.95 1.70 0.00	25.79 1.73 0.00	26.47 1.80 0.00	27.97 2.14 0.00	30.59 2.34 0.00	34.34 2.81 0.00	38.61 2.96 0.00	42.72 2.87 0.00	44.77 2.97 0.00	48.40 3.17 0.00	58.38 4.02 0.00	63.78 4.28 0.00	73.75 4.89 0.00	79.04 4.68 0.00	71.77 3.93 0.00	58.94 3.28 -0.11	47.51 2.82 0.00	41.39 2.82 0.00	37.82 2.67 0.00
INDIAN POINT_GT_3 24019	32.75 2.29 0.00	30.70 2.06 0.00	27.86 1.90 0.00	26.81 1.78 0.00	26.31 1.70 0.00	25.95 1.70 0.00	25.79 1.73 0.00	26.47 1.80 0.00	27.97 2.14 0.00	30.59 2.34 0.00	34.34 2.81 0.00	38.61 2.96 0.00	42.72 2.87 0.00	44.77 2.97 0.00	48.40 3.17 0.00	58.38 4.02 0.00	63.78 4.28 0.00	73.75 4.89 0.00	79.04 4.68 0.00	71.77 3.93 0.00	58.94 3.28 -0.11	47.51 2.82 0.00	41.39 2.82 0.00	37.82 2.67 0.00
INDIAN POINT___2 23530	32.69 2.22 0.00	30.65 2.00 0.00	27.83 1.87 0.00	26.75 1.73 0.00	26.28 1.67 0.00	25.90 1.65 0.00	25.74 1.68 0.00	26.44 1.78 0.00	27.92 2.09 0.00	30.53 2.29 0.00	34.27 2.74 0.00	38.57 2.92 0.00	42.60 2.75 0.00	44.48 2.68 0.00	48.35 3.12 0.00	58.22 3.86 0.00	63.59 4.10 0.00	73.61 4.75 0.00	78.89 4.54 0.00	71.63 3.80 0.00	58.77 3.11 -0.11	47.42 2.73 0.00	41.32 2.74 0.00	37.75 2.60 0.00
INDIAN POINT___3 23531	32.69 2.22 0.00	30.65 2.00 0.00	27.81 1.84 0.00	26.76 1.73 0.00	26.28 1.67 0.00	25.92 1.67 0.00	25.74 1.68 0.00	26.44 1.78 0.00	27.92 2.09 0.00	30.53 2.29 0.00	34.27 2.74 0.00	38.54 2.89 0.00	42.64 2.79 0.00	44.69 2.88 0.00	48.26 3.03 0.00	58.22 3.86 0.00	63.60 4.10 0.00	73.54 4.68 0.00	78.81 4.46 0.00	71.63 3.80 0.00	58.77 3.11 -0.11	47.37 2.68 0.00	41.28 2.70 0.00	37.72 2.57 0.00
INGHAM_C_115KV_TB7 356103	31.32 1.01 0.15	29.43 0.92 0.13	26.71 0.83 0.09	25.75 0.80 0.08	25.30 0.76 0.07	24.94 0.75 0.06	24.72 0.72 0.06	25.29 0.69 0.07	26.49 0.75 0.09	28.97 0.85 0.12	32.27 0.91 0.17	36.45 1.03 0.23	40.71 1.16 0.30	42.74 1.25 0.32	46.22 1.36 0.37	55.54 1.69 0.50	60.76 1.84 0.57	70.35 2.20 0.71	76.69 2.53 0.19	70.28 2.44 0.00	57.61 2.06 0.00	46.30 1.61 0.00	39.62 1.31 0.27	36.13 1.20 0.22
IP CORINTH___1 23988	32.08 1.61 0.00	30.22 1.58 0.00	27.42 1.45 0.00	26.41 1.38 0.00	25.86 1.26 0.00	25.51 1.26 0.00	25.26 1.20 0.00	25.75 1.09 0.00	27.09 1.27 0.00	29.49 1.24 0.00	32.67 1.14 0.00	37.00 1.35 0.00	41.56 1.71 0.00	43.48 1.67 0.00	47.09 1.85 0.00	57.19 2.83 0.00	62.76 3.27 0.00	72.78 3.92 0.00	79.78 5.43 0.00	73.26 5.43 0.00	61.47 4.67 -1.25	48.35 3.66 0.00	41.08 2.51 0.00	37.23 2.07 0.00

IP___TICONDEROGA 23804	34.03 3.56 0.00	32.05 3.41 0.00	28.95 2.99 0.00	27.86 2.83 0.00	27.22 2.61 0.00	26.87 2.62 0.00	26.56 2.50 0.00	27.03 2.37 0.00	28.54 2.71 0.00	31.12 2.88 0.00	34.53 3.00 0.00	39.25 3.60 0.00	44.27 4.42 0.00	46.28 4.47 0.00	50.16 4.93 0.00	61.15 6.79 0.00	67.40 7.91 0.00	78.22 9.36 0.00	86.25 11.90 0.00	79.43 11.60 0.00	66.46 9.67 -1.24	52.29 7.60 0.00	43.94 5.36 0.00	39.58 4.43 0.00
ISLIP_RES_REC 323679	45.08 3.75 -10.86	44.39 3.46 -12.29	40.73 3.09 -11.68	36.84 2.80 -9.01	33.67 2.73 -6.33	31.88 2.69 -4.94	26.63 2.58 0.00	27.53 2.86 0.00	39.65 3.28 -10.54	43.91 3.73 -11.94	53.65 4.29 -17.83	92.71 4.60 -52.46	133.63 4.62 -89.16	140.39 4.72 -93.87	138.89 5.24 -88.41	145.61 5.98 -85.27	256.42 6.72 -190.21	267.66 7.78 -191.02	295.72 7.80 -213.56	266.29 6.72 -191.74	165.91 5.39 -104.96	140.57 4.87 -91.01	89.25 4.51 -46.16	53.39 4.18 -14.05
JAMAICA__27_KV_LOAD 355505	33.27 2.80 0.00	31.19 2.55 0.00	28.25 2.28 0.00	27.13 2.10 0.00	26.65 2.04 0.00	26.31 2.06 0.00	26.25 2.19 0.00	27.03 2.37 0.00	28.62 2.79 0.00	31.35 3.11 0.00	35.22 3.69 0.00	39.54 3.89 0.00	43.68 3.83 0.00	45.69 3.89 0.00	49.30 4.07 0.00	59.58 5.22 0.00	65.08 5.59 0.00	75.12 6.27 0.00	80.52 6.17 0.00	73.19 5.36 0.00	60.11 4.44 -0.11	48.49 3.80 0.00	42.32 3.74 0.00	38.67 3.52 0.00
JANIS___SOLAR 323808	32.91 2.01 -0.43	30.66 1.75 -0.27	27.42 1.45 0.00	26.35 1.33 0.00	25.86 1.25 0.00	25.53 1.28 0.00	25.26 1.20 0.00	25.78 1.11 0.00	26.83 1.01 0.00	29.53 1.19 -0.10	32.98 1.10 -0.35	37.62 1.35 -0.61	42.28 1.60 -0.83	44.65 2.05 -0.80	48.26 1.99 -1.04	58.52 2.50 -1.65	65.01 3.27 -2.25	75.86 4.20 -2.81	83.57 5.95 -3.26	76.57 5.83 -2.90	61.81 4.61 -1.65	49.33 3.62 -1.02	41.96 2.85 -0.53	38.23 2.42 -0.65
JARVIS____ 23743	30.59 0.27 0.15	28.77 0.26 0.13	26.11 0.23 0.09	25.20 0.25 0.08	24.76 0.22 0.07	24.43 0.24 0.06	24.21 0.22 0.06	24.79 0.20 0.07	25.97 0.23 0.09	28.35 0.22 0.12	31.61 0.25 0.17	35.70 0.28 0.23	39.80 0.24 0.30	41.78 0.29 0.32	45.18 0.32 0.37	54.29 0.43 0.50	59.39 0.47 0.57	68.70 0.55 0.71	74.83 0.67 0.19	68.37 0.54 0.00	56.05 0.50 0.00	45.09 0.40 0.00	38.65 0.35 0.27	35.25 0.32 0.22
JENNISON___1 23625	33.00 2.22 -0.30	30.78 1.95 -0.19	27.60 1.64 0.00	26.53 1.50 0.00	26.06 1.45 0.00	25.73 1.48 0.00	25.45 1.40 0.00	26.00 1.33 0.00	27.22 1.39 0.00	30.04 1.72 -0.07	33.48 1.70 -0.25	38.22 2.14 -0.44	42.79 2.35 -0.59	44.96 2.59 -0.56	48.87 2.89 -0.74	59.12 3.59 -1.17	65.19 4.10 -1.59	75.87 5.03 -1.99	83.06 6.39 -2.31	75.99 6.11 -2.05	61.60 4.83 -1.22	49.21 3.80 -0.73	41.96 3.01 -0.38	38.18 2.57 -0.46
JENNISON___2 23626	33.00 2.22 -0.30	30.78 1.95 -0.19	27.60 1.64 0.00	26.53 1.50 0.00	26.06 1.45 0.00	25.73 1.48 0.00	25.45 1.40 0.00	26.00 1.33 0.00	27.22 1.39 0.00	30.04 1.72 -0.07	33.48 1.70 -0.25	38.22 2.14 -0.44	42.79 2.35 -0.59	44.96 2.59 -0.56	48.87 2.89 -0.74	59.12 3.59 -1.17	65.19 4.10 -1.59	75.87 5.03 -1.99	83.06 6.39 -2.31	75.99 6.11 -2.05	61.60 4.83 -1.22	49.21 3.80 -0.73	41.96 3.01 -0.38	38.18 2.57 -0.46
JERICHO_RISE_WT_PWR 323719	28.44 -0.88 1.15	26.91 -0.77 0.96	24.55 -0.75 0.66	23.69 -0.78 0.56	23.33 -0.76 0.52	23.00 -0.78 0.47	22.97 -0.63 0.46	23.64 -0.49 0.54	24.73 -0.44 0.66	26.99 -0.34 0.92	29.97 -0.28 1.28	33.64 -0.29 1.73	37.09 -0.56 2.20	38.77 -0.63 2.41	41.77 -0.68 2.78	49.04 -1.58 3.74	53.20 -2.02 4.27	61.31 -2.27 5.28	70.19 -2.75 1.41	65.87 -1.97 0.00	54.22 -1.33 0.00	43.26 -1.43 0.00	35.45 -1.12 2.01	32.15 -1.37 1.63
KATONAH___115KV_46KV_TB4 355592	32.97 2.50 0.00	30.93 2.29 0.00	28.04 2.08 0.00	26.96 1.93 0.00	26.48 1.87 0.00	26.12 1.87 0.00	25.96 1.90 0.00	26.64 1.97 0.00	28.18 2.35 0.00	30.81 2.57 0.00	34.65 3.12 0.00	39.00 3.35 0.00	43.20 3.35 0.00	45.32 3.51 0.00	48.99 3.75 0.00	59.20 4.84 0.00	64.73 5.24 0.00	74.92 6.06 0.00	80.30 5.95 0.00	72.79 4.95 0.00	59.78 4.11 -0.11	48.04 3.35 0.00	41.74 3.16 0.00	38.07 2.92 0.00
KCE_NY_1 323755	32.33 1.86 0.00	30.45 1.81 0.00	27.60 1.64 0.00	26.61 1.58 0.00	26.09 1.48 0.00	25.73 1.48 0.00	25.45 1.39 0.00	25.97 1.31 0.00	27.27 1.45 0.00	29.68 1.44 0.00	33.07 1.54 0.00	37.43 1.78 0.00	41.88 2.03 0.00	43.81 2.01 0.00	47.63 2.40 0.00	57.62 3.26 0.00	63.24 3.75 0.00	73.33 4.47 0.00	79.63 5.28 0.00	72.85 5.02 0.00	61.05 4.28 -1.22	48.04 3.35 0.00	41.08 2.51 0.00	37.37 2.22 0.00
KCE_NY_6_ESR 323823	30.84 0.37 0.00	28.76 0.12 0.00	25.89 -0.08 0.00	24.85 -0.17 0.00	24.31 -0.29 0.00	24.03 -0.22 0.00	23.70 -0.36 0.00	24.35 -0.32 0.00	25.72 -0.10 0.00	28.64 0.40 0.00	31.91 0.38 0.00	36.33 0.68 0.00	40.93 1.08 0.00	43.18 1.38 0.00	45.82 0.59 0.00	54.09 -0.27 0.00	59.67 0.18 0.00	68.38 -0.48 0.00	75.02 0.67 0.00	67.63 -0.20 0.00	55.00 -0.56 0.00	44.82 0.13 0.00	38.77 0.19 0.00	35.36 0.21 0.00
KEDC_PORT_JEFF_GT2 24210	44.82 3.47 -10.88	44.14 3.21 -12.29	40.53 2.88 -11.68	36.64 2.60 -9.01	33.47 2.54 -6.33	31.68 2.50 -4.94	26.44 2.38 0.00	27.33 2.66 0.00	39.42 3.05 -10.54	43.63 3.44 -11.94	55.96 3.88 -20.55	101.82 3.92 -62.25	151.35 3.83 -107.67	158.67 3.76 -113.10	156.44 4.25 -106.95	163.49 4.73 -104.40	297.19 5.29 -232.41	307.55 6.20 -232.49	341.93 6.10 -261.48	307.62 5.02 -234.77	188.05 4.00 -128.50	158.38 3.80 -109.89	97.08 3.94 -54.57	51.99 3.69 -13.14
KEDC_PORT_JEFF_GT3 24211	44.82 3.47 -10.88	44.14 3.21 -12.29	40.53 2.88 -11.68	36.64 2.60 -9.01	33.47 2.54 -6.33	31.68 2.50 -4.94	26.44 2.38 0.00	27.33 2.66 0.00	39.42 3.05 -10.54	43.63 3.44 -11.94	55.96 3.88 -20.55	101.82 3.92 -62.25	151.35 3.83 -107.67	158.67 3.76 -113.10	156.44 4.25 -106.95	163.49 4.73 -104.40	297.19 5.29 -232.41	307.55 6.20 -232.49	341.93 6.10 -261.48	307.62 5.02 -234.77	188.05 4.00 -128.50	158.38 3.80 -109.89	97.08 3.94 -54.57	51.99 3.69 -13.14
KEDC_GLWD_GT4 24219	44.39 3.11 -10.81	43.73 2.81 -12.28	40.21 2.57 -11.68	36.44 2.40 -9.01	33.25 2.31 -6.33	31.46 2.28 -4.94	26.30 2.24 0.00	27.11 2.44 0.00	39.18 2.82 -10.54	43.32 3.13 -11.94	41.04 3.78 -5.73	48.64 4.17 -8.82	50.69 4.14 -6.69	53.71 3.76 -8.14	55.33 4.30 -5.80	59.47 5.11 0.00	67.36 5.71 -2.16	81.70 6.61 -6.24	80.82 6.47 0.00	73.19 5.36 0.00	59.94 4.28 -0.11	55.41 3.89 -6.84	51.14 3.86 -8.71	48.85 3.76 -9.93
KEDC_GLWD_GT5 24220	44.39 3.11 -10.81	43.73 2.81 -12.28	40.21 2.57 -11.68	36.44 2.40 -9.01	33.25 2.31 -6.33	31.46 2.28 -4.94	26.30 2.24 0.00	27.11 2.44 0.00	39.18 2.82 -10.54	43.32 3.13 -11.94	41.04 3.78 -5.73	48.64 4.17 -8.82	50.69 4.14 -6.69	53.71 3.76 -8.14	55.33 4.30 -5.80	59.47 5.11 0.00	67.36 5.71 -2.16	81.70 6.61 -6.24	80.82 6.47 0.00	73.19 5.36 0.00	59.94 4.28 -0.11	55.41 3.89 -6.84	51.14 3.86 -8.71	48.85 3.76 -9.93

KENSICO____ 23655	32.85 2.38 0.00	30.79 2.15 0.00	27.94 1.97 0.00	26.88 1.85 0.00	26.41 1.80 0.00	26.04 1.79 0.00	25.86 1.80 0.00	26.57 1.90 0.00	28.05 2.22 0.00	30.67 2.43 0.00	34.46 2.93 0.00	38.75 3.10 0.00	42.88 3.03 0.00	44.90 3.09 0.00	48.54 3.30 0.00	58.55 4.19 0.00	63.95 4.46 0.00	73.88 5.03 0.00	79.18 4.83 0.00	71.90 4.07 0.00	59.05 3.39 -0.11	47.64 2.95 0.00	41.51 2.93 0.00	37.93 2.78 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.91 2.44 0.00	30.76 2.12 0.00	27.88 1.92 0.00	26.78 1.75 0.00	26.28 1.67 0.00	25.87 1.62 0.00	25.65 1.59 0.00	26.27 1.60 0.00	27.82 1.99 0.00	30.39 2.15 0.00	34.15 2.62 0.00	38.43 2.78 0.00	42.68 2.83 0.00	44.86 3.05 0.00	48.54 3.30 0.00	58.71 4.35 0.00	64.31 4.82 0.00	74.64 5.78 0.00	80.23 5.87 0.00	72.92 5.09 0.00	59.70 4.00 -0.14	47.86 3.17 0.00	41.51 2.93 0.00	37.89 2.74 0.00
KIAC_JFK_GT1 23816	32.97 2.50 0.00	30.99 2.35 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.50 1.89 0.00	26.16 1.92 0.00	26.10 2.04 0.00	26.89 2.22 0.00	28.46 2.63 0.00	31.18 2.94 0.00	34.90 3.37 0.00	39.18 3.53 0.00	43.28 3.43 0.00	45.28 3.47 0.00	48.85 3.62 0.00	58.98 4.62 0.00	64.37 4.88 0.00	74.37 5.51 0.00	79.63 5.28 0.00	72.38 4.54 0.00	59.50 3.83 -0.11	48.00 3.31 0.00	41.93 3.36 0.00	38.32 3.16 0.00
KIAC_JFK_GT2 23817	32.97 2.50 0.00	30.99 2.35 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.50 1.89 0.00	26.16 1.92 0.00	26.10 2.04 0.00	26.89 2.22 0.00	28.46 2.63 0.00	31.18 2.94 0.00	34.90 3.37 0.00	39.18 3.53 0.00	43.28 3.43 0.00	45.28 3.47 0.00	48.85 3.62 0.00	58.98 4.62 0.00	64.37 4.88 0.00	74.37 5.51 0.00	79.63 5.28 0.00	72.38 4.54 0.00	59.50 3.83 -0.11	48.00 3.31 0.00	41.93 3.36 0.00	38.32 3.16 0.00
KIAC_JFK____ 323774	32.97 2.50 0.00	30.99 2.35 0.00	28.09 2.13 0.00	26.98 1.95 0.00	26.50 1.90 0.00	26.14 1.89 0.00	26.08 2.02 0.00	26.89 2.22 0.00	28.43 2.61 0.00	31.18 2.94 0.00	34.87 3.34 0.00	39.18 3.53 0.00	43.20 3.35 0.00	44.98 3.18 0.00	48.85 3.62 0.00	58.93 4.57 0.00	64.31 4.82 0.00	74.37 5.51 0.00	79.71 5.36 0.00	72.38 4.55 0.00	59.44 3.78 -0.11	48.04 3.35 0.00	41.93 3.35 0.00	38.32 3.16 0.00
KINTIGH____ 23543	30.16 -0.30 0.00	28.18 -0.46 0.00	25.39 -0.57 0.00	24.40 -0.63 0.00	23.90 -0.71 0.00	23.50 -0.75 0.00	23.26 -0.79 0.00	23.90 -0.76 0.00	25.16 -0.67 0.00	28.05 -0.20 0.00	30.96 -0.57 0.00	35.44 -0.21 0.00	39.69 -0.16 0.00	40.80 -1.00 0.00	44.55 -0.68 0.00	52.84 -1.52 0.00	57.77 -1.73 0.00	66.93 -1.93 0.00	73.46 -0.89 0.00	66.27 -1.56 0.00	54.00 -1.56 0.00	44.06 -0.63 0.00	37.96 -0.62 0.00	34.62 -0.53 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.58 -0.18 0.71	27.96 -0.09 0.60	25.37 -0.18 0.41	24.41 -0.28 0.35	23.99 -0.30 0.32	23.62 -0.34 0.29	23.63 -0.14 0.29	24.38 0.05 0.33	25.58 0.15 0.41	28.07 0.40 0.57	31.30 0.57 0.71	35.29 0.71 1.07	38.69 0.20 1.36	40.48 0.17 1.49	43.64 0.14 1.73	50.84 -1.20 2.32	55.24 -1.61 2.65	63.72 -1.86 3.27	71.17 -2.30 0.87	66.55 -1.29 0.00	55.17 -0.39 0.00	44.06 -0.63 0.00	37.14 -0.19 1.25	33.40 -0.74 1.01
LACHUTE__HYDRO 323717	34.03 3.56 0.00	32.05 3.41 0.00	28.95 2.98 0.00	27.86 2.83 0.00	27.22 2.61 0.00	26.87 2.62 0.00	26.56 2.50 0.00	27.01 2.34 0.00	28.54 2.71 0.00	31.13 2.88 0.00	34.53 3.00 0.00	39.25 3.60 0.00	44.23 4.38 0.00	46.19 4.39 0.00	50.16 4.93 0.00	61.10 6.74 0.00	67.41 7.91 0.00	78.15 9.29 0.00	86.25 11.89 0.00	79.37 11.53 0.00	66.57 9.78 -1.24	52.29 7.60 0.00	43.94 5.36 0.00	39.55 4.39 0.00
LAWRNCV_115KV_TB1 80681	20.68 -1.80 8.00	20.36 -1.58 6.71	19.84 -1.48 4.64	19.64 -1.48 3.91	19.57 -1.43 3.62	19.49 -1.45 3.31	19.47 -1.35 3.24	19.60 -1.31 3.76	19.80 -1.45 4.58	20.25 -1.58 6.41	20.87 -1.73 8.92	21.64 -1.96 12.05	22.43 -2.07 15.35	22.91 -2.09 16.81	23.46 -2.35 19.42	25.06 -3.15 26.14	26.13 -3.57 29.79	27.89 -4.13 36.84	59.83 -4.68 9.84	64.24 -3.60 0.00	53.00 -2.56 0.00	42.23 -2.46 0.00	22.28 -2.28 14.02	21.55 -2.21 11.39
LEDERLE____ 23769	32.91 2.44 0.00	30.85 2.21 0.00	27.96 2.00 0.00	26.91 1.88 0.00	26.41 1.80 0.00	26.04 1.79 0.00	25.86 1.80 0.00	26.54 1.87 0.00	28.07 2.25 0.00	30.73 2.49 0.00	34.49 2.96 0.00	38.79 3.14 0.00	42.96 3.11 0.00	45.02 3.22 0.00	48.72 3.48 0.00	58.76 4.40 0.00	64.19 4.70 0.00	74.23 5.37 0.00	79.56 5.20 0.00	72.24 4.41 0.00	59.21 3.56 -0.10	47.68 2.99 0.00	41.55 2.97 0.00	37.93 2.78 0.00
LIGHTHSE_115KV_TB6 355974	30.51 -0.40 -0.44	28.29 -0.46 -0.10	25.04 -0.47 0.45	24.17 -0.48 0.38	23.77 -0.49 0.35	23.39 -0.53 0.32	23.19 -0.55 0.32	23.71 -0.59 0.37	24.71 -0.67 0.45	27.24 -0.68 0.33	30.83 -0.82 -0.12	35.46 -0.75 -0.56	39.90 -0.80 -0.85	41.58 -0.84 -0.61	45.20 -1.09 -1.05	55.12 -1.36 -2.12	61.69 -1.25 -3.45	71.95 -1.24 -4.33	81.86 -0.74 -8.25	75.54 -0.47 -8.18	59.60 -0.44 -4.49	47.27 -0.31 -2.89	38.45 -0.27 -0.14	35.53 -0.35 -0.72
LINDEN COGEN____ 23786	32.91 2.44 0.00	30.79 2.15 0.00	27.94 1.97 0.00	26.86 1.83 0.00	26.43 1.82 0.00	26.02 1.77 0.00	25.94 1.88 0.00	26.69 2.02 0.00	28.18 2.35 0.00	30.87 2.63 0.00	34.71 3.18 0.00	39.00 3.35 0.00	42.92 3.07 0.00	44.61 2.80 0.00	45.01 3.21 3.44	45.01 4.08 13.43	46.95 4.16 16.71	52.46 4.75 21.14	56.93 4.46 21.88	49.40 3.73 22.16	44.57 3.22 14.20	44.35 2.86 3.20	41.66 3.09 0.00	38.14 2.99 0.00
LINDHRST_69_KV_BK1 356055	44.73 3.44 -10.81	44.07 3.15 -12.28	40.47 2.83 -11.68	36.69 2.65 -9.01	33.52 2.58 -6.33	31.76 2.57 -4.94	26.58 2.53 0.00	27.33 2.66 0.00	39.44 3.07 -10.54	43.60 3.42 -11.94	42.35 3.97 -6.85	52.77 4.28 -12.85	58.41 4.26 -14.29	62.28 4.43 -16.04	63.39 4.75 -13.41	67.82 5.60 -7.86	85.40 6.43 -19.48	99.49 7.37 -23.26	101.39 7.36 -19.68	91.61 6.11 -17.67	70.33 5.00 -9.77	63.79 4.51 -14.59	54.94 4.20 -12.16	51.08 3.94 -11.99
LIPA_MISC_IPP 23656	44.81 3.47 -10.87	44.14 3.21 -12.29	40.50 2.86 -11.68	36.64 2.60 -9.01	33.47 2.53 -6.33	31.73 2.55 -4.94	26.54 2.48 0.00	27.31 2.64 0.00	39.44 3.07 -10.54	43.66 3.47 -11.94	53.80 4.04 -18.23	93.86 4.31 -53.89	136.07 4.34 -91.88	143.01 4.52 -96.69	141.21 4.84 -91.14	147.98 5.54 -88.08	262.14 6.25 -196.40	273.13 7.16 -197.11	302.09 7.14 -220.60	271.87 5.97 -198.06	168.92 4.94 -108.42	142.89 4.42 -93.78	90.10 4.13 -47.40	52.48 3.87 -13.46
LISF__SOLAR 323691	44.90 3.56 -10.87	44.22 3.29 -12.29	40.58 2.93 -11.68	36.72 2.68 -9.01	33.54 2.61 -6.33	31.75 2.57 -4.94	26.51 2.46 0.00	27.40 2.74 0.00	39.49 3.12 -10.54	43.72 3.53 -11.94	54.01 4.07 -18.41	94.61 4.42 -54.54	137.34 4.38 -93.11	144.25 4.48 -97.97	142.58 4.98 -92.37	149.41 5.71 -89.35	265.06 6.37 -199.20	276.23 7.51 -199.86	305.72 7.59 -223.78	275.06 6.31 -200.92	170.70 5.17 -109.98	144.37 4.65 -95.03	90.81 4.28 -47.95	52.60 3.97 -13.48

LITTLE FALLS___HYD 24013	31.32 1.01 0.15	29.43 0.92 0.13	26.71 0.83 0.09	25.75 0.80 0.08	25.30 0.76 0.07	24.94 0.75 0.06	24.72 0.72 0.06	25.29 0.69 0.07	26.49 0.75 0.09	28.97 0.85 0.12	32.27 0.91 0.17	36.45 1.03 0.23	40.71 1.16 0.30	42.74 1.25 0.32	46.22 1.36 0.37	55.54 1.69 0.50	60.76 1.84 0.57	70.35 2.20 0.71	76.69 2.53 0.19	70.28 2.44 0.00	57.61 2.06 0.00	46.30 1.61 0.00	39.62 1.31 0.27	36.13 1.20 0.22
LITTLRIV_115KV_TB1 356100	21.52 -1.46 7.49	21.03 -1.29 6.32	20.31 -1.22 4.43	20.06 -1.23 3.74	19.95 -1.21 3.46	19.88 -1.21 3.16	19.83 -1.13 3.09	19.97 -1.11 3.59	20.16 -1.29 4.37	20.74 -1.41 6.09	21.55 -1.58 8.40	22.61 -1.75 11.30	23.68 -1.79 14.38	24.26 -1.76 15.79	25.01 -2.04 18.19	27.24 -2.72 24.41	28.77 -3.03 27.69	31.19 -3.44 34.23	62.36 -3.72 8.27	66.33 -2.51 -1.00	54.49 -1.61 -0.55	43.26 -1.79 -0.35	23.55 -1.81 13.21	22.70 -1.79 10.66
LI_NEWBRDGE___DRP 323616	44.02 2.74 -10.81	43.41 2.49 -12.28	39.93 2.28 -11.68	36.17 2.13 -9.01	33.00 2.07 -6.33	31.25 2.06 -4.94	26.13 2.07 0.00	26.86 2.20 0.00	38.93 2.56 -10.54	42.98 2.80 -11.94	40.57 3.31 -5.73	48.00 3.53 -8.82	50.01 3.47 -6.69	53.55 3.60 -8.14	54.83 3.80 -5.80	58.87 4.51 0.00	66.65 5.00 -2.16	80.74 5.65 -6.24	79.85 5.50 0.00	72.31 4.48 0.00	59.39 3.72 -0.11	54.97 3.44 -6.84	50.67 3.39 -8.70	48.28 3.20 -9.93
LOCKPORT_115KV_TB60_63_64 80432	30.29 -0.18 0.00	28.27 -0.37 0.00	25.39 -0.57 0.00	24.43 -0.60 0.00	23.90 -0.71 0.00	23.50 -0.75 0.00	23.22 -0.84 0.00	23.85 -0.81 0.00	25.10 -0.72 0.00	28.05 -0.20 0.00	30.99 -0.54 0.00	35.51 -0.14 0.00	39.69 -0.16 0.00	40.68 -1.13 0.00	44.55 -0.68 0.00	52.62 -1.74 0.00	57.59 -1.90 0.00	66.65 -2.20 0.00	73.24 -1.12 0.00	66.00 -1.83 0.00	53.72 -1.83 0.00	43.97 -0.72 0.00	37.84 -0.73 0.00	34.59 -0.56 0.00
LOCKPORT___CC1 323769	30.19 -0.27 0.00	28.15 -0.49 0.00	25.34 -0.62 0.00	24.35 -0.67 0.00	23.82 -0.79 0.00	23.54 -0.70 0.00	23.17 -0.89 0.00	23.80 -0.86 0.00	25.16 -0.67 0.00	27.99 -0.25 0.00	31.09 -0.44 0.00	35.44 -0.21 0.00	39.81 -0.04 0.00	41.97 0.17 0.00	44.42 -0.81 0.00	52.41 -1.95 0.00	57.76 -1.73 0.00	66.31 -2.55 0.00	72.87 -1.49 0.00	65.73 -2.10 0.00	53.56 -2.00 0.00	43.75 -0.94 0.00	37.76 -0.81 0.00	34.52 -0.63 0.00
LOCKPORT___CC2 323770	30.19 -0.27 0.00	28.15 -0.49 0.00	25.34 -0.62 0.00	24.35 -0.67 0.00	23.82 -0.79 0.00	23.54 -0.70 0.00	23.17 -0.89 0.00	23.80 -0.86 0.00	25.16 -0.67 0.00	27.99 -0.25 0.00	31.09 -0.44 0.00	35.44 -0.21 0.00	39.81 -0.04 0.00	41.97 0.17 0.00	44.42 -0.81 0.00	52.41 -1.95 0.00	57.76 -1.73 0.00	66.31 -2.55 0.00	72.87 -1.49 0.00	65.73 -2.10 0.00	53.56 -2.00 0.00	43.75 -0.94 0.00	37.76 -0.81 0.00	34.52 -0.63 0.00
LOCKPORT___CC3 323771	30.19 -0.27 0.00	28.15 -0.49 0.00	25.34 -0.62 0.00	24.35 -0.67 0.00	23.82 -0.79 0.00	23.54 -0.70 0.00	23.17 -0.89 0.00	23.80 -0.86 0.00	25.16 -0.67 0.00	27.99 -0.25 0.00	31.09 -0.44 0.00	35.44 -0.21 0.00	39.81 -0.04 0.00	41.97 0.17 0.00	44.42 -0.81 0.00	52.41 -1.95 0.00	57.76 -1.73 0.00	66.31 -2.55 0.00	72.87 -1.49 0.00	65.73 -2.10 0.00	53.56 -2.00 0.00	43.75 -0.94 0.00	37.76 -0.81 0.00	34.52 -0.63 0.00
LONG_LAKE_PHOENIX 24014	31.66 -0.27 -1.46	29.18 -0.32 -0.86	25.48 -0.34 0.14	24.58 -0.33 0.12	24.15 -0.34 0.11	23.78 -0.36 0.10	23.60 -0.36 0.10	24.21 -0.35 0.11	25.27 -0.41 0.14	28.12 -0.34 -0.22	32.24 -0.41 -1.12	37.33 -0.39 -2.07	42.27 -0.40 -2.82	44.03 -0.42 -2.64	48.28 -0.50 -3.54	59.47 -0.65 -5.76	66.91 -0.59 -8.01	78.24 -0.62 -10.00	86.69 -0.30 -12.64	78.92 -0.41 -11.49	61.42 -0.44 -6.31	48.48 -0.27 -4.06	40.03 -0.23 -1.69	37.13 -0.25 -2.23
LOVETT___3 23632	32.69 2.22 0.00	30.65 2.00 0.00	27.81 1.84 0.00	26.73 1.70 0.00	26.26 1.65 0.00	25.90 1.65 0.00	25.72 1.66 0.00	26.39 1.73 0.00	27.89 2.07 0.00	30.53 2.29 0.00	34.27 2.74 0.00	38.54 2.89 0.00	42.56 2.71 0.00	44.61 2.80 0.00	48.26 3.03 0.00	58.17 3.81 0.00	63.54 4.05 0.00	73.47 4.61 0.00	78.74 4.39 0.00	71.50 3.66 0.00	58.66 3.00 -0.11	47.28 2.59 0.00	41.20 2.62 0.00	37.68 2.53 0.00
LOVETT___4 23642	32.69 2.22 0.00	30.65 2.00 0.00	27.81 1.84 0.00	26.73 1.70 0.00	26.26 1.65 0.00	25.90 1.65 0.00	25.72 1.66 0.00	26.39 1.73 0.00	27.89 2.07 0.00	30.53 2.29 0.00	34.27 2.74 0.00	38.54 2.89 0.00	42.56 2.71 0.00	44.61 2.80 0.00	48.26 3.03 0.00	58.17 3.81 0.00	63.54 4.05 0.00	73.47 4.61 0.00	78.74 4.39 0.00	71.50 3.66 0.00	58.66 3.00 -0.11	47.28 2.59 0.00	41.20 2.62 0.00	37.68 2.53 0.00
LOVETT___5 23593	32.69 2.22 0.00	30.65 2.00 0.00	27.81 1.84 0.00	26.73 1.70 0.00	26.26 1.65 0.00	25.90 1.65 0.00	25.72 1.66 0.00	26.39 1.73 0.00	27.89 2.07 0.00	30.53 2.29 0.00	34.27 2.74 0.00	38.54 2.89 0.00	42.56 2.71 0.00	44.61 2.80 0.00	48.26 3.03 0.00	58.17 3.81 0.00	63.54 4.05 0.00	73.47 4.61 0.00	78.74 4.39 0.00	71.50 3.66 0.00	58.66 3.00 -0.11	47.28 2.59 0.00	41.20 2.62 0.00	37.68 2.53 0.00
LOWER RAQUET___HYD 24057	21.37 -1.95 7.15	20.86 -1.75 6.03	20.09 -1.63 4.24	19.83 -1.63 3.58	19.73 -1.58 3.30	19.63 -1.60 3.02	19.61 -1.49 2.96	19.78 -1.46 3.43	20.02 -1.63 4.18	20.68 -1.75 5.82	21.55 -1.95 8.02	22.70 -2.18 10.78	23.82 -2.31 13.72	24.32 -2.43 15.06	25.25 -2.62 17.35	27.66 -3.42 23.27	29.12 -3.99 26.39	31.69 -4.55 32.62	61.51 -5.06 7.78	65.04 -3.86 -1.07	53.37 -2.78 -0.59	42.39 -2.68 -0.38	23.49 -2.47 12.61	22.59 -2.39 10.17
LOWER___HUDSON 24059	31.87 1.40 0.00	30.04 1.40 0.00	27.29 1.32 0.00	26.33 1.30 0.00	25.86 1.25 0.00	25.48 1.24 0.00	25.24 1.18 0.00	25.75 1.08 0.00	26.99 1.16 0.00	29.32 1.07 0.00	32.70 1.17 0.00	36.93 1.28 0.00	41.21 1.36 0.00	43.10 1.30 0.00	46.86 1.63 0.00	56.64 2.28 0.00	62.05 2.56 0.00	71.96 3.10 0.00	77.62 3.27 0.00	70.89 3.06 0.00	59.20 2.61 -1.03	46.79 2.10 0.00	40.20 1.62 0.00	36.73 1.58 0.00
LOWVILLE_115KV_TB2 356335	28.57 -0.18 1.72	26.89 -0.23 1.52	24.50 -0.26 1.21	23.71 -0.30 1.02	23.37 -0.30 0.94	23.10 -0.29 0.86	22.88 -0.34 0.84	23.27 -0.42 0.98	24.12 -0.52 1.19	26.10 -0.56 1.58	28.78 -0.73 2.03	32.32 -0.71 2.62	35.76 -0.80 3.30	37.39 -0.71 3.70	40.25 -0.81 4.17	48.08 -0.87 5.41	52.92 -0.71 5.85	61.23 -0.41 7.22	74.77 0.22 -0.20	71.10 0.81 -2.45	57.68 0.78 -1.34	46.00 0.45 -0.87	35.45 0.08 3.20	32.67 -0.07 2.42
LUTHERFT_115KV_GLOB_FND_222 355753	32.30 1.83 0.00	30.42 1.78 0.00	27.60 1.64 0.00	26.58 1.55 0.00	26.09 1.48 0.00	25.73 1.48 0.00	25.45 1.40 0.00	25.97 1.31 0.00	27.27 1.45 0.00	29.68 1.44 0.00	33.07 1.54 0.00	37.43 1.78 0.00	41.88 2.03 0.00	43.94 2.13 0.00	47.59 2.35 0.00	57.62 3.26 0.00	63.18 3.69 0.00	73.26 4.41 0.00	79.56 5.20 0.00	72.79 4.95 0.00	60.94 4.17 -1.22	48.00 3.31 0.00	41.04 2.47 0.00	37.37 2.21 0.00

LUTHERNY_35_KV_BK2 355980	32.33 1.86 0.00	30.45 1.80 0.00	27.60 1.64 0.00	26.61 1.58 0.00	26.09 1.48 0.00	25.73 1.48 0.00	25.48 1.42 0.00	25.97 1.31 0.00	27.27 1.45 0.00	29.68 1.44 0.00	33.11 1.58 0.00	37.43 1.78 0.00	41.92 2.07 0.00	43.98 2.17 0.00	47.63 2.40 0.00	57.68 3.32 0.00	63.24 3.75 0.00	73.33 4.48 0.00	79.63 5.28 0.00	72.85 5.02 0.00	61.05 4.28 -1.22	48.04 3.35 0.00	41.08 2.51 0.00	37.40 2.25 0.00
LWR___OSWEGATCHIE_HYD 23850	24.30 -1.52 4.64	23.25 -1.43 3.96	21.74 -1.35 2.88	21.25 -1.35 2.43	21.04 -1.33 2.24	20.89 -1.31 2.05	20.75 -1.30 2.01	21.01 -1.33 2.33	21.49 -1.50 2.84	22.71 -1.64 3.90	24.39 -1.86 5.27	26.60 -2.03 7.02	28.75 -2.19 8.91	29.75 -2.22 9.84	31.47 -2.49 11.28	36.31 -3.04 15.00	39.39 -3.27 16.83	44.55 -3.51 20.79	67.21 -3.42 3.72	67.44 -2.51 -2.11	54.93 -1.78 -1.16	43.69 -1.74 -0.75	28.54 -1.74 8.30	26.84 -1.72 6.59
LYONS_FALL_HYD 23570	29.63 0.27 1.11	27.85 0.20 0.99	25.32 0.16 0.80	24.45 0.10 0.67	24.06 0.07 0.62	23.78 0.10 0.57	23.55 0.05 0.56	23.99 -0.02 0.65	24.96 -0.08 0.79	27.15 -0.06 1.04	30.05 -0.16 1.32	33.92 -0.04 1.70	37.64 -0.08 2.13	39.53 0.13 2.41	42.58 0.05 2.70	51.09 0.22 3.48	56.16 0.42 3.75	65.00 0.76 4.62	76.01 1.34 -0.32	71.32 1.70 -1.79	57.98 1.44 -0.98	46.30 0.98 -0.63	37.07 0.58 2.09	34.05 0.46 1.56
MADISON___COUNTY_LFGE 323628	31.40 1.07 0.14	29.38 0.92 0.17	26.50 0.78 0.24	25.53 0.70 0.20	25.11 0.69 0.19	24.76 0.68 0.17	24.52 0.63 0.17	25.04 0.57 0.19	26.16 0.57 0.24	28.69 0.71 0.26	31.99 0.69 0.23	36.35 0.93 0.22	40.63 1.04 0.26	42.66 1.21 0.35	46.26 1.36 0.33	55.82 1.74 0.28	61.49 2.08 0.08	71.39 2.62 0.09	79.30 3.35 -1.61	72.97 3.26 -1.88	59.20 2.61 -1.03	47.36 2.01 -0.66	39.74 1.54 0.38	36.32 1.34 0.17
MALONE___115KV_TB1 356076	26.86 -0.91 2.69	25.61 -0.77 2.26	23.62 -0.78 1.56	22.89 -0.83 1.32	22.58 -0.81 1.22	22.31 -0.82 1.11	22.32 -0.65 1.09	22.88 -0.52 1.27	23.77 -0.52 1.54	25.66 -0.42 2.16	28.15 -0.38 3.00	31.24 -0.36 4.06	34.12 -0.56 5.17	35.56 -0.59 5.66	37.97 -0.72 6.54	43.93 -1.63 8.80	47.38 -2.08 10.03	54.11 -2.34 12.40	68.21 -2.83 3.31	65.94 -1.90 0.00	54.55 -1.00 0.00	43.35 -1.34 0.00	32.70 -1.16 4.72	29.91 -1.41 3.84
MAPLEWOD_115KV_TB3 80458	31.63 1.16 0.00	29.84 1.20 0.00	27.21 1.25 0.00	26.23 1.20 0.00	25.79 1.18 0.00	25.44 1.19 0.00	25.19 1.13 0.00	25.70 1.04 0.00	26.89 1.06 0.00	29.18 0.93 0.00	32.54 1.01 0.00	36.75 1.11 0.00	41.01 1.16 0.00	43.10 1.30 0.00	46.64 1.40 0.00	56.43 2.07 0.00	61.81 2.32 0.00	71.61 2.75 0.00	77.25 2.90 0.00	70.55 2.71 0.00	58.71 2.33 -0.82	46.52 1.83 0.00	40.00 1.43 0.00	36.52 1.37 0.00
MAPLE_RIDGE_WT_1 323574	30.29 -0.36 -0.19	28.46 -0.34 -0.16	25.73 -0.34 -0.11	24.80 -0.33 -0.09	24.37 -0.32 -0.09	24.04 -0.29 -0.08	23.87 -0.26 -0.08	24.53 -0.22 -0.09	25.70 -0.23 -0.11	28.17 -0.23 -0.15	31.49 -0.25 -0.21	35.65 -0.29 -0.28	39.89 -0.32 -0.36	41.83 -0.38 -0.40	45.28 -0.41 -0.46	54.43 -0.54 -0.62	59.60 -0.59 -0.70	69.04 -0.69 -0.87	73.84 -0.74 -0.23	67.22 -0.61 0.00	55.05 -0.50 0.00	44.16 -0.53 0.00	38.29 -0.62 -0.33	34.75 -0.67 -0.27
MAPLE_RIDGE_WT_2 323611	30.29 -0.36 -0.19	28.46 -0.34 -0.16	25.73 -0.34 -0.11	24.80 -0.33 -0.09	24.37 -0.32 -0.09	24.04 -0.29 -0.08	23.87 -0.26 -0.08	24.53 -0.22 -0.09	25.70 -0.23 -0.11	28.17 -0.23 -0.15	31.49 -0.25 -0.21	35.65 -0.29 -0.28	39.89 -0.32 -0.36	41.83 -0.38 -0.40	45.28 -0.41 -0.46	54.43 -0.54 -0.62	59.60 -0.59 -0.70	69.04 -0.69 -0.87	73.84 -0.74 -0.23	67.22 -0.61 0.00	55.05 -0.50 0.00	44.16 -0.53 0.00	38.29 -0.62 -0.33	34.75 -0.67 -0.27
MARBLE_RIVER_WT_PWR 323696	29.28 -0.70 0.49	27.63 -0.60 0.41	25.09 -0.60 0.28	24.14 -0.65 0.24	23.75 -0.64 0.22	23.39 -0.65 0.20	23.36 -0.51 0.20	24.07 -0.37 0.23	25.27 -0.28 0.28	27.71 -0.14 0.39	30.93 -0.06 0.54	34.92 0.00 0.73	38.52 -0.40 0.93	40.37 -0.42 1.02	43.56 -0.50 1.18	51.25 -1.52 1.59	55.78 -1.91 1.81	64.41 -2.21 2.24	71.15 -2.60 0.60	66.01 -1.83 0.00	54.38 -1.17 0.00	43.44 -1.25 0.00	36.84 -0.89 0.85	33.23 -1.23 0.69
MARSHVLE_115KV_TB1 80742	32.85 2.38 0.00	30.90 2.26 0.00	27.91 1.95 0.00	26.88 1.85 0.00	26.31 1.70 0.00	25.92 1.67 0.00	25.48 1.42 0.00	25.63 0.96 0.00	26.86 1.03 0.00	29.35 1.10 0.00	32.70 1.17 0.00	37.08 1.43 0.00	41.45 1.59 0.00	43.60 1.80 0.00	47.22 1.99 0.00	57.24 2.88 0.00	62.47 2.97 0.00	72.92 4.06 0.00	81.27 6.91 0.00	75.03 7.19 0.00	62.60 5.94 -1.10	49.29 4.60 0.00	42.28 3.70 0.00	38.17 3.02 0.00
MARSH_HILL_WT_PWR 323713	31.85 1.19 -0.19	29.68 0.92 -0.12	26.61 0.65 0.00	25.56 0.53 0.00	25.03 0.42 0.00	24.71 0.46 0.00	24.42 0.36 0.00	25.06 0.39 0.00	26.37 0.54 0.00	29.28 0.99 -0.05	32.70 1.01 -0.16	37.24 1.32 -0.27	42.02 1.79 -0.37	44.17 2.01 -0.36	47.19 1.49 -0.46	56.24 1.14 -0.74	62.22 1.73 -1.00	71.83 1.72 -1.25	78.86 3.05 -1.46	71.44 2.31 -1.29	57.65 1.39 -0.71	46.67 1.52 -0.46	40.08 1.27 -0.24	36.46 1.02 -0.29
MCINTYRE_115KV_TB2 80467	21.22 -1.07 8.18	20.86 -0.92 6.86	20.34 -0.88 4.75	20.10 -0.93 4.00	20.00 -0.91 3.70	19.95 -0.92 3.38	19.90 -0.84 3.31	19.99 -0.84 3.84	20.11 -1.03 4.68	20.53 -1.16 6.55	21.11 -1.29 9.13	21.90 -1.43 12.32	22.71 -1.43 15.70	23.23 -1.38 17.19	23.79 -1.58 19.86	25.39 -2.23 26.74	26.58 -2.44 30.47	28.42 -2.75 37.68	61.39 -2.90 10.06	66.21 -1.63 0.00	54.67 -0.89 0.00	43.48 -1.21 0.00	22.92 -1.31 14.34	22.17 -1.34 11.65
MECO_____69_KV_BK1 80468	34.34 3.87 0.00	32.31 3.67 0.00	29.11 3.14 0.00	28.01 2.98 0.00	27.37 2.76 0.00	26.99 2.74 0.00	26.68 2.62 0.00	27.08 2.42 0.00	28.54 2.71 0.00	31.21 2.97 0.00	34.78 3.25 0.00	39.36 3.71 0.00	44.19 4.34 0.00	46.45 4.64 0.00	50.57 5.34 0.00	61.59 7.23 0.00	68.00 8.51 0.00	79.39 10.54 0.00	88.11 13.76 0.00	80.72 12.89 0.00	67.06 10.33 -1.17	52.78 8.09 0.00	44.59 6.02 0.00	40.04 4.89 0.00
MENANDS___115KV_TB5 355628	31.41 0.94 0.00	29.67 1.03 0.00	27.08 1.12 0.00	26.13 1.10 0.00	25.69 1.08 0.00	25.34 1.09 0.00	25.09 1.03 0.00	25.60 0.94 0.00	26.76 0.93 0.00	29.03 0.79 0.00	32.35 0.82 0.00	36.51 0.86 0.00	40.73 0.88 0.00	42.81 1.00 0.00	46.32 1.09 0.00	55.99 1.63 0.00	61.34 1.84 0.00	71.06 2.20 0.00	76.58 2.23 0.00	69.87 2.04 0.00	58.12 1.78 -0.79	46.12 1.43 0.00	39.66 1.08 0.00	36.24 1.09 0.00
MG INDUSTRY___DRP 24185	31.32 0.85 0.00	29.70 1.06 0.00	27.08 1.12 0.00	26.13 1.10 0.00	25.67 1.06 0.00	25.32 1.07 0.00	25.04 0.99 0.00	25.55 0.89 0.00	26.63 0.80 0.00	28.89 0.65 0.00	32.00 0.47 0.00	36.11 0.46 0.00	40.29 0.44 0.00	42.35 0.54 0.00	45.82 0.59 0.00	55.45 1.09 0.00	60.80 1.31 0.00	70.51 1.65 0.00	76.21 1.86 0.00	69.67 1.83 0.00	57.65 1.61 -0.48	45.99 1.30 0.00	39.58 1.00 0.00	36.14 0.98 0.00

MID___OSWEGATCHIE_HYD 23849	24.30 -1.52 4.64	23.25 -1.43 3.96	21.74 -1.35 2.88	21.25 -1.35 2.43	21.04 -1.33 2.24	20.89 -1.31 2.05	20.75 -1.30 2.01	21.01 -1.33 2.33	21.49 -1.50 2.84	22.71 -1.64 3.90	24.39 -1.86 5.27	26.60 -2.03 7.02	28.75 -2.19 8.91	29.75 -2.22 9.84	31.47 -2.49 11.28	36.31 -3.04 15.00	39.39 -3.27 16.83	44.55 -3.51 20.79	67.21 -3.42 3.72	67.44 -2.51 -2.11	54.93 -1.78 -1.16	43.69 -1.74 -0.75	28.54 -1.74 8.30	26.84 -1.72 6.59
MID___RAQUETTE_HYD 23851	21.37 -1.95 7.15	20.86 -1.75 6.03	20.09 -1.64 4.24	19.83 -1.63 3.58	19.73 -1.57 3.30	19.63 -1.60 3.02	19.61 -1.49 2.96	19.78 -1.46 3.43	20.04 -1.60 4.18	20.68 -1.75 5.82	21.59 -1.92 8.02	22.70 -2.17 10.78	23.82 -2.31 13.72	24.40 -2.34 15.06	25.26 -2.62 17.35	27.61 -3.48 23.27	29.18 -3.93 26.39	31.69 -4.54 32.62	61.51 -5.06 7.78	65.04 -3.87 -1.07	53.36 -2.78 -0.59	42.39 -2.68 -0.38	23.50 -2.47 12.61	22.59 -2.39 10.17
MILLIKEN___1 23584	32.08 1.04 -0.58	29.86 0.86 -0.36	26.64 0.68 0.00	25.65 0.63 0.00	25.20 0.59 0.00	24.81 0.56 0.00	24.59 0.53 0.00	25.21 0.54 0.00	26.37 0.54 0.00	29.12 0.73 -0.14	32.73 0.73 -0.47	37.37 0.89 -0.83	42.04 1.08 -1.12	44.00 1.13 -1.07	47.95 1.31 -1.40	58.11 1.52 -2.22	64.42 1.90 -3.02	74.97 2.34 -3.77	82.09 3.35 -4.39	74.72 2.98 -3.90	59.94 2.22 -2.17	47.94 1.88 -1.38	40.80 1.50 -0.72	37.29 1.27 -0.87
MILLIKEN___2 23585	32.08 1.04 -0.58	29.86 0.86 -0.36	26.64 0.68 0.00	25.65 0.63 0.00	25.20 0.59 0.00	24.81 0.56 0.00	24.59 0.53 0.00	25.21 0.54 0.00	26.37 0.54 0.00	29.12 0.73 -0.14	32.73 0.73 -0.47	37.37 0.89 -0.83	42.04 1.08 -1.12	44.00 1.13 -1.07	47.95 1.31 -1.40	58.11 1.52 -2.22	64.42 1.90 -3.02	74.97 2.34 -3.77	82.09 3.35 -4.39	74.72 2.98 -3.90	59.94 2.22 -2.17	47.94 1.88 -1.38	40.80 1.50 -0.72	37.29 1.27 -0.87
MILLIKEN___DIESEL 23629	32.08 1.04 -0.58	29.86 0.86 -0.36	26.64 0.68 0.00	25.65 0.63 0.00	25.20 0.59 0.00	24.81 0.56 0.00	24.59 0.53 0.00	25.21 0.54 0.00	26.37 0.54 0.00	29.12 0.73 -0.14	32.73 0.73 -0.47	37.37 0.89 -0.83	42.04 1.08 -1.12	44.00 1.13 -1.07	47.95 1.31 -1.40	58.11 1.52 -2.22	64.42 1.90 -3.02	74.97 2.34 -3.77	82.09 3.35 -4.39	74.72 2.98 -3.90	59.94 2.22 -2.17	47.94 1.88 -1.38	40.80 1.50 -0.72	37.29 1.27 -0.87
MILLSEAT___LFGE 323607	30.80 0.34 0.00	28.73 0.09 0.00	25.83 -0.13 0.00	24.80 -0.23 0.00	24.26 -0.34 0.00	23.93 -0.32 0.00	23.58 -0.48 0.00	24.22 -0.44 0.00	25.59 -0.23 0.00	28.47 0.22 0.00	31.59 0.06 0.00	36.04 0.39 0.00	40.65 0.80 0.00	42.89 1.09 0.00	45.51 0.27 0.00	53.87 -0.49 0.00	59.37 -0.12 0.00	68.30 -0.55 0.00	75.25 0.90 0.00	67.90 0.07 0.00	55.39 -0.17 0.00	45.09 0.40 0.00	38.85 0.27 0.00	35.43 0.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.75 2.29 0.00	30.73 2.09 0.00	27.88 1.92 0.00	26.81 1.78 0.00	26.33 1.72 0.00	25.97 1.72 0.00	25.81 1.76 0.00	26.49 1.83 0.00	28.00 2.17 0.00	30.59 2.34 0.00	34.37 2.84 0.00	38.64 2.99 0.00	42.76 2.91 0.00	44.82 3.01 0.00	48.40 3.17 0.00	58.44 4.08 0.00	63.83 4.34 0.00	73.75 4.89 0.00	79.04 4.68 0.00	71.84 4.00 0.00	59.00 3.33 -0.11	47.51 2.82 0.00	41.43 2.85 0.00	37.82 2.67 0.00
MILLWOOD_13_KV_LOAD 356217	32.91 2.44 0.00	30.85 2.21 0.00	27.99 2.03 0.00	26.91 1.88 0.00	26.43 1.82 0.00	26.07 1.82 0.00	25.89 1.83 0.00	26.59 1.92 0.00	28.10 2.27 0.00	30.73 2.49 0.00	34.53 3.00 0.00	38.82 3.17 0.00	42.96 3.11 0.00	45.02 3.22 0.00	48.67 3.44 0.00	58.76 4.40 0.00	64.25 4.76 0.00	74.30 5.44 0.00	79.63 5.28 0.00	72.24 4.41 0.00	59.33 3.67 -0.11	47.77 3.08 0.00	41.62 3.05 0.00	38.00 2.85 0.00
MODEL_CITY_ENERGY 24167	30.01 -0.46 0.00	27.98 -0.66 0.00	25.21 -0.75 0.00	24.25 -0.78 0.00	23.72 -0.88 0.00	23.45 -0.80 0.00	23.05 -1.01 0.00	23.68 -0.99 0.00	25.00 -0.83 0.00	27.85 -0.40 0.00	30.90 -0.63 0.00	35.22 -0.43 0.00	39.65 -0.20 0.00	41.81 0.00 0.00	44.19 -1.04 0.00	52.18 -2.18 0.00	57.53 -1.96 0.00	66.03 -2.83 0.00	72.57 -1.79 0.00	65.46 -2.38 0.00	53.27 -2.28 0.00	43.57 -1.12 0.00	37.57 -1.00 0.00	34.38 -0.77 0.00
MODERN_LFGE___ 323580	30.01 -0.46 0.00	27.98 -0.66 0.00	25.21 -0.75 0.00	24.25 -0.78 0.00	23.72 -0.88 0.00	23.45 -0.80 0.00	23.05 -1.01 0.00	23.68 -0.99 0.00	25.00 -0.83 0.00	27.85 -0.40 0.00	30.90 -0.63 0.00	35.22 -0.43 0.00	39.65 -0.20 0.00	41.81 0.00 0.00	44.19 -1.04 0.00	52.18 -2.18 0.00	57.53 -1.96 0.00	66.03 -2.83 0.00	72.57 -1.79 0.00	65.46 -2.38 0.00	53.27 -2.28 0.00	43.57 -1.12 0.00	37.57 -1.00 0.00	34.38 -0.77 0.00
MOHAWK_PAPER___DRP 24187	31.63 1.16 0.00	29.84 1.20 0.00	27.21 1.25 0.00	26.23 1.20 0.00	25.79 1.18 0.00	25.44 1.19 0.00	25.19 1.13 0.00	25.70 1.04 0.00	26.89 1.06 0.00	29.18 0.93 0.00	32.54 1.01 0.00	36.75 1.11 0.00	41.01 1.16 0.00	43.10 1.30 0.00	46.64 1.40 0.00	56.43 2.07 0.00	61.81 2.32 0.00	71.61 2.75 0.00	77.25 2.90 0.00	70.55 2.71 0.00	58.71 2.33 -0.82	46.52 1.83 0.00	40.00 1.43 0.00	36.52 1.37 0.00
MOHICAN___35_KV_115KV_LD 80490	32.39 1.92 0.00	30.50 1.86 0.00	27.65 1.69 0.00	26.63 1.60 0.00	26.11 1.50 0.00	25.75 1.50 0.00	25.48 1.42 0.00	25.97 1.31 0.00	27.33 1.50 0.00	29.71 1.47 0.00	32.98 1.45 0.00	37.36 1.71 0.00	41.96 2.11 0.00	43.94 2.13 0.00	47.59 2.35 0.00	57.78 3.42 0.00	63.42 3.93 0.00	73.61 4.75 0.00	80.52 6.17 0.00	73.94 6.11 0.00	62.01 5.22 -1.23	48.76 4.07 0.00	41.43 2.85 0.00	37.58 2.43 0.00
MONGAUP___HYD 23641	32.69 2.22 0.00	30.65 2.00 0.00	27.83 1.87 0.00	26.73 1.70 0.00	26.23 1.62 0.00	25.80 1.55 0.00	25.55 1.49 0.00	26.15 1.48 0.00	27.58 1.76 0.00	30.08 1.83 0.00	33.68 2.15 0.00	37.90 2.25 0.00	42.12 2.27 0.00	44.15 2.34 0.00	47.95 2.71 0.00	57.95 3.59 0.00	63.42 3.93 0.00	73.82 4.96 0.00	79.63 5.28 0.00	72.45 4.62 0.00	59.32 3.67 -0.10	47.68 2.99 0.00	41.28 2.70 0.00	37.68 2.53 0.00
MONTAUK___DIESEL 23721	46.12 4.78 -10.87	45.37 4.44 -12.29	41.56 3.92 -11.68	37.67 3.63 -9.01	34.48 3.54 -6.33	32.75 3.56 -4.94	27.57 3.51 0.00	28.44 3.77 0.00	40.84 4.47 -10.54	45.35 5.17 -11.94	56.20 6.37 -18.31	97.02 7.20 -54.17	139.82 7.57 -92.39	146.93 7.90 -97.23	145.48 8.59 -91.65	152.92 9.95 -88.61	267.01 9.94 -197.58	278.42 11.29 -198.27	307.81 11.52 -221.93	276.52 9.43 -199.26	173.13 8.50 -109.08	146.19 7.20 -94.31	92.38 6.17 -47.63	54.27 5.66 -13.46
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.81 1.34 0.00	29.64 1.00 0.00	26.66 0.70 0.00	25.58 0.55 0.00	25.03 0.42 0.00	24.66 0.41 0.00	24.42 0.36 0.00	25.16 0.49 0.00	26.55 0.72 0.00	29.68 1.44 0.00	33.04 1.51 0.00	37.79 2.14 0.00	42.32 2.47 0.00	43.48 1.67 0.00	47.72 2.49 0.00	56.26 1.90 0.00	61.81 2.32 0.00	71.13 2.27 0.00	77.92 3.57 0.00	70.21 2.37 0.00	56.83 1.28 0.00	46.16 1.47 0.00	39.93 1.35 0.00	36.21 1.05 0.00

MORTIMER_115KV_TB3 55949	30.65 0.18 0.00	28.67 0.03 0.00	25.81 -0.16 0.00	24.80 -0.23 0.00	24.31 -0.30 0.00	23.88 -0.36 0.00	23.65 -0.41 0.00	24.32 -0.35 0.00	25.57 -0.26 0.00	28.39 0.14 0.00	31.44 -0.09 0.00	35.93 0.29 0.00	40.29 0.44 0.00	41.76 -0.04 0.00	45.55 0.32 0.00	54.31 -0.05 0.00	59.43 -0.06 0.00	68.93 0.07 0.00	75.54 1.19 0.00	68.24 0.41 0.00	55.78 0.22 0.00	45.23 0.54 0.00	38.88 0.31 0.00	35.40 0.25 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.03 2.56 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.26 2.43 0.00	30.93 2.68 0.00	34.78 3.25 0.00	39.07 3.42 0.00	43.16 3.31 0.00	45.15 3.34 0.00	48.72 3.48 0.00	58.76 4.40 0.00	64.13 4.64 0.00	74.02 5.16 0.00	79.26 4.91 0.00	72.04 4.21 0.00	59.28 3.61 -0.11	47.82 3.13 0.00	41.85 3.28 0.00	38.28 3.13 0.00
MUNSVILLE_WIND_PWR 323609	34.10 3.26 -0.37	31.73 2.86 -0.23	28.40 2.44 0.00	27.28 2.25 0.00	26.80 2.19 0.00	26.48 2.23 0.00	26.13 2.07 0.00	26.64 1.97 0.00	27.79 1.96 0.00	30.68 2.34 -0.09	34.13 2.30 -0.30	39.03 2.85 -0.52	43.83 3.27 -0.71	46.50 4.01 -0.68	50.20 4.07 -0.89	60.88 5.11 -1.41	67.42 6.01 -1.92	78.62 7.37 -2.40	86.66 9.52 -2.79	79.60 9.29 -2.48	64.37 7.39 -1.43	51.29 5.72 -0.87	43.50 4.47 -0.46	39.50 3.80 -0.55
N SALMON___HYD 24042	26.86 -0.91 2.69	25.61 -0.77 2.26	23.62 -0.78 1.56	22.89 -0.83 1.32	22.58 -0.81 1.22	22.31 -0.82 1.11	22.32 -0.65 1.09	22.88 -0.52 1.27	23.77 -0.52 1.54	25.66 -0.42 2.16	28.15 -0.38 3.00	31.24 -0.36 4.06	34.12 -0.56 5.17	35.52 -0.63 5.66	37.97 -0.73 6.54	43.93 -1.63 8.80	47.38 -2.08 10.03	54.11 -2.34 12.40	68.21 -2.83 3.31	65.94 -1.90 0.00	54.56 -1.00 0.00	43.35 -1.34 0.00	32.70 -1.16 4.72	29.91 -1.41 3.84
N.AKRON__115KV_KNAPP 355671	30.83 0.37 0.00	28.76 0.11 0.00	25.81 -0.16 0.00	24.80 -0.23 0.00	24.29 -0.32 0.00	23.86 -0.39 0.00	23.58 -0.48 0.00	24.27 -0.39 0.00	25.54 -0.28 0.00	28.50 0.25 0.00	31.47 -0.06 0.00	36.11 0.46 0.00	40.45 0.60 0.00	41.56 -0.25 0.00	45.50 0.27 0.00	53.87 -0.49 0.00	58.84 -0.65 0.00	68.31 -0.55 0.00	75.24 0.89 0.00	67.77 -0.07 0.00	55.28 -0.28 0.00	45.05 0.36 0.00	38.77 0.19 0.00	35.33 0.18 0.00
N.BELMOR_69_KV_BK1 55787	44.35 3.08 -10.81	43.70 2.78 -12.28	40.19 2.54 -11.68	36.44 2.40 -9.01	33.27 2.34 -6.33	31.51 2.33 -4.94	26.34 2.29 0.00	27.08 2.42 0.00	39.18 2.82 -10.54	43.29 3.11 -11.94	40.98 3.72 -5.73	48.54 4.06 -8.82	50.61 4.06 -6.69	54.05 4.10 -8.14	55.33 4.30 -5.80	59.47 5.11 0.00	67.42 5.77 -2.16	81.70 6.61 -6.24	80.82 6.47 0.00	73.19 5.36 0.00	60.05 4.39 -0.11	55.68 4.16 -6.84	51.21 3.93 -8.70	48.77 3.69 -9.93
N.E_GEN_SANDY PD 24062	32.08 1.61 0.00	31.03 1.57 -0.81	27.90 1.53 -0.40	26.48 1.45 0.00	26.04 1.43 0.00	25.65 1.41 0.00	25.40 1.35 0.00	26.00 1.33 0.00	27.30 1.47 0.00	29.63 1.38 0.00	33.07 1.54 0.00	37.29 1.64 0.00	41.40 1.55 0.00	43.31 1.50 0.00	47.13 1.90 0.00	56.92 2.56 0.00	62.23 2.74 0.00	72.23 3.37 0.00	77.47 3.12 0.00	71.31 2.72 -0.76	57.43 2.33 0.46	46.61 1.92 0.00	40.27 1.70 0.00	36.91 1.76 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.78 2.32 0.00	30.70 2.06 0.00	27.86 1.90 0.00	26.78 1.75 0.00	26.31 1.70 0.00	25.95 1.70 0.00	25.77 1.71 0.00	26.44 1.78 0.00	27.95 2.12 0.00	30.59 2.34 0.00	34.37 2.84 0.00	38.64 2.99 0.00	42.72 2.87 0.00	44.82 3.01 0.00	48.44 3.21 0.00	58.44 4.08 0.00	63.83 4.34 0.00	73.82 4.96 0.00	79.11 4.76 0.00	71.84 4.00 0.00	58.88 3.22 -0.10	47.46 2.77 0.00	41.35 2.78 0.00	37.79 2.64 0.00
N.QUEENS_27_KV_LOAD 356247	33.33 2.86 0.00	31.22 2.58 0.00	28.33 2.36 0.00	27.23 2.20 0.00	26.75 2.14 0.00	26.26 2.01 0.00	26.13 2.07 0.00	26.84 2.17 0.00	28.28 2.45 0.00	31.01 2.77 0.00	34.90 3.37 0.00	39.14 3.49 0.00	43.16 3.31 0.00	45.07 3.26 0.00	48.44 3.21 0.01	58.92 4.57 0.01	64.30 4.82 0.01	74.08 5.23 0.01	79.33 4.98 0.01	72.10 4.27 0.01	59.32 3.67 -0.10	47.77 3.08 0.00	42.16 3.59 0.00	38.67 3.52 -0.01
N.TROY___115KV_TB1 355778	31.87 1.40 0.00	30.05 1.40 0.00	27.31 1.35 0.00	26.33 1.30 0.00	25.86 1.26 0.00	25.51 1.26 0.00	25.24 1.18 0.00	25.75 1.09 0.00	27.02 1.19 0.00	29.35 1.10 0.00	32.73 1.20 0.00	36.93 1.28 0.00	41.25 1.39 0.00	43.35 1.55 0.00	46.91 1.67 0.00	56.70 2.34 0.00	62.11 2.62 0.00	72.03 3.17 0.00	77.62 3.27 0.00	70.96 3.12 0.00	59.26 2.67 -1.03	46.79 2.10 0.00	40.20 1.62 0.00	36.77 1.62 0.00
NARROWS_GT1_1 24228	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NARROWS_GT1_2 24229	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NARROWS_GT1_3 24230	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NARROWS_GT1_4 24231	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NARROWS_GT1_5 24232	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01

NARROWS_GT1_6 24233	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NARROWS_GT1_7 24234	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NARROWS_GT1_8 24235	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NARROWS_GT2_1 24236	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NARROWS_GT2_2 24237	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NARROWS_GT2_3 24238	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NARROWS_GT2_4 24239	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NARROWS_GT2_5 24240	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NARROWS_GT2_6 24241	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NARROWS_GT2_7 24242	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NARROWS_GT2_8 24243	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.20 3.35 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.87 5.30 -14.71	79.41 5.06 0.01	79.12 4.28 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.29 3.70 -0.01	38.67 3.51 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.84 1.37 0.00	30.25 1.60 0.00	27.63 1.66 0.00	26.61 1.58 0.00	26.13 1.53 0.00	25.73 1.48 0.00	25.36 1.30 0.00	25.75 1.09 0.00	26.89 1.06 0.00	29.06 0.82 0.00	32.10 0.57 0.00	36.26 0.61 0.00	40.65 0.80 0.00	42.85 1.05 0.00	46.45 1.22 0.00	56.53 2.17 0.00	62.29 2.80 0.00	72.58 3.72 0.00	78.81 4.46 0.00	72.18 4.34 0.00	59.28 3.28 -0.45	47.24 2.55 0.00	40.23 1.66 0.00	36.70 1.55 0.00
NCHELSEA_115KV_TR2 355582	32.97 2.50 0.00	30.90 2.26 0.00	28.04 2.08 0.00	26.96 1.93 0.00	26.45 1.85 0.00	26.09 1.84 0.00	25.86 1.80 0.00	26.49 1.83 0.00	28.02 2.20 0.00	30.59 2.34 0.00	34.37 2.84 0.00	38.68 3.03 0.00	42.96 3.11 0.00	45.15 3.34 0.00	48.81 3.57 0.00	59.03 4.67 0.00	64.55 5.06 0.00	74.78 5.92 0.00	80.23 5.87 0.00	72.85 5.02 0.00	59.73 4.06 -0.12	47.95 3.26 0.00	41.58 3.01 0.00	38.00 2.85 0.00
NEG CAPITAL___MECHNVIL 23645	32.36 1.89 0.00	30.48 1.83 0.00	27.63 1.66 0.00	26.63 1.60 0.00	26.14 1.53 0.00	25.75 1.50 0.00	25.50 1.44 0.00	26.00 1.33 0.00	27.30 1.47 0.00	29.71 1.47 0.00	33.14 1.61 0.00	37.50 1.85 0.00	41.96 2.11 0.00	43.90 2.09 0.00	47.72 2.49 0.00	57.79 3.43 0.00	63.36 3.86 0.00	73.47 4.61 0.00	79.71 5.36 0.00	72.92 5.09 0.00	61.01 4.28 -1.17	48.08 3.39 0.00	41.08 2.51 0.00	37.40 2.25 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.19 -0.27 0.00	28.27 -0.37 0.00	25.44 -0.52 0.00	24.45 -0.57 0.00	23.97 -0.64 0.00	23.62 -0.63 0.00	23.36 -0.70 0.00	24.03 -0.64 0.00	25.31 -0.52 0.00	27.96 -0.28 0.00	31.12 -0.41 0.00	35.40 -0.25 0.00	39.93 0.08 0.00	42.10 0.29 0.00	45.05 -0.18 0.00	53.82 -0.54 0.00	59.14 -0.35 0.00	68.38 -0.48 0.00	74.80 0.45 0.00	67.63 -0.20 0.00	55.28 -0.28 0.00	44.64 -0.04 0.00	38.42 -0.15 0.00	34.94 -0.21 0.00

NEG CENTRAL___DRP 24199	31.38 0.46 -0.46	29.27 0.37 -0.26	26.09 0.21 0.08	25.09 0.13 0.06	24.65 0.10 0.06	24.27 0.07 0.05	24.05 0.05 0.05	24.70 0.10 0.06	25.85 0.10 0.08	28.62 0.34 -0.04	32.15 0.28 -0.33	36.76 0.46 -0.64	41.41 0.68 -0.88	43.16 0.54 -0.81	47.11 0.77 -1.11	56.90 0.71 -1.83	63.09 1.01 -2.59	73.40 1.31 -3.23	80.96 2.30 -4.31	73.57 1.76 -3.97	58.90 1.17 -2.18	47.17 1.07 -1.40	39.92 0.85 -0.50	36.49 0.63 -0.70
NEG CENTRAL___INDECK 23768	32.02 1.55 0.00	29.87 1.23 0.00	26.85 0.88 0.00	25.76 0.73 0.00	25.22 0.62 0.00	24.85 0.61 0.00	24.49 0.43 0.00	24.96 0.30 0.00	26.06 0.23 0.00	28.72 0.48 0.00	31.81 0.28 0.00	36.15 0.50 0.00	40.77 0.92 0.00	41.68 -0.13 0.00	44.46 -0.77 0.00	53.00 -1.36 0.00	58.48 -1.01 0.00	68.03 -0.82 0.00	75.69 1.34 0.00	69.19 1.36 0.00	56.66 1.11 0.00	45.90 1.21 0.00	39.50 0.92 0.00	36.98 1.83 0.00
NEG CENTRAL___SENECA 23627	31.48 0.70 -0.31	29.41 0.57 -0.19	26.30 0.34 0.00	25.30 0.28 0.00	24.81 0.20 0.00	24.42 0.17 0.00	24.23 0.17 0.00	24.86 0.20 0.00	26.06 0.23 0.00	28.88 0.56 -0.08	32.29 0.50 -0.25	36.81 0.71 -0.44	41.41 0.96 -0.60	43.13 0.75 -0.57	47.07 1.09 -0.75	56.59 1.03 -1.19	62.42 1.31 -1.62	72.67 1.79 -2.03	79.76 3.05 -2.36	72.23 2.31 -2.09	58.26 1.56 -1.15	46.86 1.43 -0.74	40.08 1.12 -0.38	36.46 0.84 -0.47
NEG CENTRAL___STATE_STREET 24147	31.54 0.43 -0.64	29.33 0.32 -0.37	26.06 0.18 0.08	25.11 0.15 0.07	24.67 0.12 0.06	24.29 0.10 0.06	24.07 0.07 0.06	24.70 0.10 0.07	25.88 0.13 0.08	28.66 0.34 -0.08	32.33 0.32 -0.48	37.02 0.46 -0.91	41.77 0.68 -1.24	43.63 0.67 -1.15	47.65 0.86 -1.56	57.79 0.87 -2.56	64.20 1.13 -3.58	74.77 1.45 -4.47	82.30 2.16 -5.79	74.96 1.83 -5.30	59.68 1.22 -2.91	47.63 1.07 -1.87	40.15 0.85 -0.72	36.77 0.63 -0.98
NEG MILLWOOD___DRP 24198	33.12 2.65 0.00	31.05 2.41 0.00	28.17 2.21 0.00	27.06 2.03 0.00	26.55 1.94 0.00	26.19 1.94 0.00	26.01 1.95 0.00	26.66 2.00 0.00	28.23 2.40 0.00	30.84 2.60 0.00	34.68 3.15 0.00	39.07 3.42 0.00	43.36 3.51 0.00	45.53 3.72 0.00	49.26 4.03 0.00	59.58 5.22 0.00	65.20 5.71 0.00	75.61 6.75 0.00	81.04 6.69 0.00	73.40 5.56 0.00	60.22 4.56 -0.11	48.31 3.62 0.00	41.93 3.36 0.00	38.21 3.06 0.00
NEG NORTH_FLCN_SEA 23793	29.72 -0.12 0.63	28.05 -0.06 0.53	25.47 -0.13 0.37	24.49 -0.23 0.31	24.08 -0.25 0.29	23.72 -0.27 0.26	23.71 -0.10 0.26	24.47 0.10 0.30	25.70 0.23 0.36	28.22 0.48 0.51	31.49 0.66 0.70	35.52 0.82 0.95	38.76 0.12 1.21	40.60 0.13 1.33	43.75 0.05 1.53	50.83 -1.47 2.06	55.24 -1.90 2.35	63.75 -2.20 2.91	70.90 -2.68 0.78	66.14 -1.70 0.00	54.72 -0.83 0.00	43.93 -0.76 0.00	37.35 -0.12 1.11	33.55 -0.70 0.90
NEG NORTH_KES_CHATEGAY 23792	28.54 -0.79 1.13	27.00 -0.69 0.95	24.63 -0.68 0.66	23.77 -0.70 0.56	23.41 -0.69 0.51	23.08 -0.70 0.47	23.02 -0.58 0.46	23.69 -0.44 0.53	24.76 -0.41 0.65	27.02 -0.31 0.91	30.01 -0.25 1.27	33.69 -0.25 1.71	37.16 -0.52 2.18	38.88 -0.54 2.38	41.85 -0.63 2.75	49.08 -1.58 3.71	53.36 -1.90 4.23	61.50 -2.13 5.23	70.35 -2.60 1.40	66.00 -1.83 0.00	54.44 -1.11 0.00	43.39 -1.30 0.00	35.58 -1.00 1.99	32.24 -1.30 1.62
NEG NORTH___ALICE_FALLS 23915	29.58 -0.18 0.71	27.96 -0.09 0.60	25.37 -0.18 0.41	24.41 -0.28 0.35	23.99 -0.30 0.32	23.62 -0.34 0.29	23.63 -0.14 0.29	24.38 0.05 0.33	25.58 0.15 0.41	28.07 0.40 0.57	31.30 0.57 0.79	35.29 0.71 1.07	38.69 0.20 1.36	40.48 0.17 1.49	43.64 0.14 1.73	50.84 -1.20 2.32	55.24 -1.61 2.65	63.72 -1.86 3.27	71.17 -2.30 0.87	66.55 -1.29 0.00	55.17 -0.39 0.00	44.06 -0.63 0.00	37.14 -0.19 1.25	33.40 -0.74 1.01
NEG NORTH___LWR_SARANAC 23913	29.58 -0.18 0.71	27.96 -0.09 0.60	25.37 -0.18 0.41	24.41 -0.28 0.35	23.99 -0.30 0.32	23.62 -0.34 0.29	23.63 -0.14 0.29	24.38 0.05 0.33	25.58 0.15 0.41	28.07 0.40 0.57	31.30 0.57 0.79	35.29 0.71 1.07	38.69 0.20 1.36	40.48 0.17 1.49	43.64 0.14 1.73	50.84 -1.20 2.32	55.24 -1.61 2.65	63.72 -1.86 3.27	71.17 -2.30 0.87	66.55 -1.29 0.00	55.17 -0.39 0.00	44.06 -0.63 0.00	37.14 -0.19 1.25	33.40 -0.74 1.01
NEG NORTH___PLATTSBURG 23628	29.58 -0.18 0.71	27.96 -0.09 0.60	25.37 -0.18 0.41	24.41 -0.27 0.35	23.99 -0.29 0.32	23.62 -0.34 0.29	23.63 -0.14 0.29	24.38 0.05 0.33	25.58 0.16 0.41	28.07 0.40 0.57	31.31 0.57 0.79	35.29 0.71 1.07	38.69 0.20 1.36	40.48 0.17 1.49	43.64 0.14 1.73	50.89 -1.14 2.32	55.24 -1.60 2.65	63.73 -1.86 3.27	71.17 -2.31 0.87	66.54 -1.29 0.00	55.17 -0.39 0.00	44.06 -0.63 0.00	37.14 -0.19 1.25	33.40 -0.74 1.01
NEG WEST_LEA_LOCKPORT 23791	30.19 -0.27 0.00	28.18 -0.46 0.00	25.31 -0.65 0.00	24.35 -0.68 0.00	23.82 -0.79 0.00	23.45 -0.80 0.00	23.17 -0.89 0.00	23.80 -0.86 0.00	25.03 -0.80 0.00	27.99 -0.25 0.00	30.90 -0.63 0.00	35.40 -0.25 0.00	39.57 -0.28 0.00	40.51 -1.30 0.00	44.37 -0.86 0.00	52.40 -1.96 0.00	57.29 -2.20 0.00	66.31 -2.55 0.00	72.86 -1.49 0.00	65.66 -2.17 0.00	53.44 -2.11 0.00	43.75 -0.94 0.00	37.69 -0.89 0.00	34.45 -0.70 0.00
NEG WEST___LANCASTR 23811	30.65 0.18 0.00	28.58 -0.06 0.00	25.73 -0.23 0.00	24.70 -0.33 0.00	24.17 -0.44 0.00	23.84 -0.41 0.00	23.58 -0.48 0.00	24.17 -0.49 0.00	25.49 -0.34 0.00	28.50 0.25 0.00	31.62 0.09 0.00	36.15 0.50 0.00	40.45 0.60 0.00	41.56 -0.25 0.00	45.55 0.32 0.00	53.82 -0.54 0.00	59.02 -0.48 0.00	68.10 -0.76 0.00	74.58 0.22 0.00	67.29 -0.54 0.00	54.50 -1.06 0.00	44.42 -0.27 0.00	38.50 -0.08 0.00	35.08 -0.07 0.00
NEG_PENN_ALLEGHNY 23528	31.55 0.73 -0.36	29.44 0.57 -0.22	26.40 0.44 0.00	25.40 0.38 0.00	24.93 0.32 0.00	24.61 0.36 0.00	24.37 0.31 0.00	24.99 0.32 0.00	26.27 0.44 0.00	29.01 0.68 -0.09	32.55 0.73 -0.29	37.05 0.89 -0.51	41.65 1.11 -0.69	43.76 1.30 -0.66	47.27 1.17 -0.86	56.87 1.14 -1.37	62.84 1.49 -1.86	72.69 1.51 -2.32	79.21 2.16 -2.70	72.00 1.76 -2.40	58.09 1.17 -1.37	46.66 1.12 -0.85	40.06 1.04 -0.44	36.53 0.84 -0.54
NEG___GEN_MONROE 24207	30.65 0.18 0.00	28.67 0.03 0.00	25.89 -0.08 0.00	24.88 -0.15 0.00	24.36 -0.25 0.00	23.93 -0.32 0.00	23.70 -0.36 0.00	24.27 -0.39 0.00	25.49 -0.34 0.00	28.33 0.08 0.00	31.37 -0.16 0.00	35.86 0.21 0.00	40.09 0.24 0.00	41.51 -0.29 0.00	45.32 0.09 0.00	54.14 -0.22 0.00	59.31 -0.18 0.00	68.72 -0.14 0.00	75.47 1.12 0.00	68.11 0.27 0.00	55.72 0.17 0.00	45.23 0.54 0.00	38.92 0.35 0.00	35.40 0.25 0.00
NEPA___ENERGY 23901	31.05 0.58 0.00	28.96 0.32 0.00	26.07 0.10 0.00	25.03 0.00 0.00	24.49 -0.12 0.00	24.15 -0.10 0.00	23.89 -0.17 0.00	24.57 -0.10 0.00	25.93 0.10 0.00	28.98 0.73 0.00	32.16 0.63 0.00	36.75 1.11 0.00	41.09 1.24 0.00	42.27 0.46 0.00	46.32 1.09 0.00	54.74 0.38 0.00	59.97 0.48 0.00	69.20 0.34 0.00	75.76 1.41 0.00	68.38 0.54 0.00	55.39 -0.17 0.00	45.14 0.45 0.00	39.04 0.46 0.00	35.47 0.32 0.00

NEVERSINK___HYD 23608	32.24 1.77 0.00	30.16 1.52 0.00	27.34 1.38 0.00	26.26 1.23 0.00	25.77 1.16 0.00	25.36 1.12 0.00	25.14 1.08 0.00	25.78 1.11 0.00	27.22 1.39 0.00	29.77 1.52 0.00	33.36 1.83 0.00	37.61 1.96 0.00	41.72 1.87 0.00	43.81 2.01 0.00	47.58 2.35 0.00	57.51 3.15 0.00	62.94 3.45 0.00	73.13 4.27 0.00	78.66 4.31 0.00	71.56 3.73 0.00	58.62 2.94 -0.12	46.97 2.28 0.00	40.70 2.12 0.00	37.12 1.97 0.00
NEWKRMKL_115KV_TB1 55635	31.23 0.76 0.00	29.53 0.89 0.00	27.00 1.04 0.00	26.03 1.00 0.00	25.62 1.01 0.00	25.27 1.02 0.00	25.02 0.96 0.00	25.53 0.86 0.00	26.65 0.83 0.00	28.92 0.68 0.00	32.19 0.66 0.00	36.36 0.71 0.00	40.57 0.72 0.00	42.64 0.84 0.00	46.14 0.90 0.00	55.77 1.41 0.00	61.10 1.61 0.00	70.79 1.93 0.00	76.29 1.93 0.00	69.67 1.83 0.00	57.87 1.56 -0.76	45.94 1.25 0.00	39.50 0.93 0.00	36.07 0.91 0.00
NEWTON___FALLS_HYD 23847	24.30 -1.52 4.64	23.25 -1.43 3.96	21.74 -1.35 2.88	21.25 -1.35 2.43	21.04 -1.33 2.24	20.89 -1.31 2.05	20.75 -1.30 2.01	21.01 -1.33 2.33	21.49 -1.50 2.84	22.71 -1.64 3.90	24.39 -1.86 5.27	26.60 -2.03 7.02	28.75 -2.19 8.91	29.75 -2.22 9.84	31.47 -2.49 11.28	36.31 -3.04 15.00	39.39 -3.27 16.83	44.55 -3.51 20.79	67.21 -3.42 3.72	67.44 -2.51 -2.11	54.93 -1.78 -1.16	43.69 -1.74 -0.75	28.54 -1.74 8.30	26.84 -1.72 6.59
NGRID_A1_DSASP 323792	29.65 -0.82 0.00	27.67 -0.97 0.00	24.92 -1.04 0.00	23.90 -1.13 0.00	23.38 -1.23 0.00	23.11 -1.14 0.00	22.78 -1.28 0.00	23.41 -1.26 0.00	24.72 -1.11 0.00	27.51 -0.73 0.00	30.52 -1.01 0.00	34.76 -0.89 0.00	39.17 -0.68 0.00	41.26 -0.54 0.00	43.56 -1.67 0.00	51.48 -2.88 0.00	56.70 -2.80 0.00	65.07 -3.79 0.00	71.53 -2.83 0.00	64.44 -3.39 0.00	52.50 -3.06 0.00	42.95 -1.74 0.00	37.07 -1.51 0.00	33.96 -1.20 0.00
NGRID_A2_DSASP 323793	29.65 -0.82 0.00	27.67 -0.97 0.00	24.92 -1.04 0.00	23.90 -1.13 0.00	23.38 -1.23 0.00	23.11 -1.14 0.00	22.78 -1.28 0.00	23.41 -1.26 0.00	24.72 -1.11 0.00	27.51 -0.73 0.00	30.52 -1.01 0.00	34.76 -0.89 0.00	39.17 -0.68 0.00	41.26 -0.54 0.00	43.56 -1.67 0.00	51.48 -2.88 0.00	56.70 -2.80 0.00	65.07 -3.79 0.00	71.53 -2.83 0.00	64.44 -3.39 0.00	52.50 -3.06 0.00	42.95 -1.74 0.00	37.07 -1.51 0.00	33.96 -1.20 0.00
NGRID_A4_DSASP 323807	29.65 -0.82 0.00	27.67 -0.97 0.00	24.92 -1.04 0.00	23.90 -1.13 0.00	23.38 -1.23 0.00	23.11 -1.14 0.00	22.78 -1.28 0.00	23.41 -1.26 0.00	24.72 -1.11 0.00	27.51 -0.73 0.00	30.52 -1.01 0.00	34.76 -0.89 0.00	39.17 -0.68 0.00	41.26 -0.54 0.00	43.56 -1.67 0.00	51.48 -2.88 0.00	56.70 -2.80 0.00	65.07 -3.79 0.00	71.53 -2.83 0.00	64.44 -3.39 0.00	52.50 -3.06 0.00	42.95 -1.74 0.00	37.07 -1.51 0.00	33.96 -1.20 0.00
NIAGARA_115E_LBMP 323715	29.86 -0.61 0.00	27.87 -0.77 0.00	25.08 -0.88 0.00	24.15 -0.88 0.00	23.65 -0.96 0.00	23.38 -0.87 0.00	22.98 -1.08 0.00	23.58 -1.08 0.00	24.90 -0.93 0.00	27.74 -0.51 0.00	30.77 -0.76 0.00	35.04 -0.61 0.00	39.49 -0.36 0.00	41.60 -0.21 0.00	43.97 -1.27 0.00	51.91 -2.45 0.00	57.23 -2.26 0.00	65.69 -3.17 0.00	72.19 -2.16 0.00	65.12 -2.72 0.00	53.00 -2.55 0.00	43.35 -1.34 0.00	37.42 -1.16 0.00	34.24 -0.91 0.00
NIAGARA_115W_LBMP 323714	29.58 -0.88 0.00	27.61 -1.03 0.00	24.87 -1.09 0.00	23.83 -1.20 0.00	23.33 -1.28 0.00	23.06 -1.19 0.00	22.74 -1.32 0.00	23.33 -1.33 0.00	24.64 -1.19 0.00	27.42 -0.82 0.00	30.43 -1.10 0.00	34.65 -1.00 0.00	39.05 -0.80 0.00	41.14 -0.67 0.00	43.42 -1.81 0.00	51.32 -3.04 0.00	56.52 -2.97 0.00	64.86 -4.00 0.00	71.30 -3.05 0.00	64.24 -3.60 0.00	52.33 -3.22 0.00	42.81 -1.88 0.00	36.96 -1.62 0.00	33.85 -1.30 0.00
NIAGARA_230_LBMP 323716	29.95 -0.52 0.00	27.95 -0.69 0.00	25.19 -0.78 0.00	24.18 -0.85 0.00	23.67 -0.94 0.00	23.40 -0.85 0.00	23.07 -0.99 0.00	23.68 -0.99 0.00	25.00 -0.83 0.00	27.82 -0.42 0.00	30.87 -0.66 0.00	35.15 -0.50 0.00	39.61 -0.24 0.00	41.68 -0.13 0.00	44.06 -1.18 0.00	52.13 -2.23 0.00	57.41 -2.08 0.00	65.90 -2.96 0.00	72.42 -1.93 0.00	65.33 -2.51 0.00	53.22 -2.33 0.00	43.49 -1.20 0.00	37.54 -1.04 0.00	34.34 -0.81 0.00
NIAGARA___115KV_198_GIBSON 55903	29.52 -0.94 0.00	27.55 -1.09 0.00	24.85 -1.12 0.00	23.83 -1.20 0.00	23.33 -1.28 0.00	22.96 -1.29 0.00	22.71 -1.35 0.00	23.33 -1.33 0.00	24.54 -1.29 0.00	27.42 -0.82 0.00	30.24 -1.29 0.00	34.65 -1.00 0.00	38.82 -1.04 0.00	39.67 -2.13 0.00	43.42 -1.81 0.00	51.26 -3.10 0.00	56.04 -3.45 0.00	64.86 -3.99 0.00	71.30 -3.05 0.00	64.17 -3.66 0.00	52.28 -3.28 0.00	42.86 -1.83 0.00	36.88 -1.70 0.00	33.78 -1.37 0.00
NIAGARA____ 23760	29.95 -0.52 0.00	27.95 -0.69 0.00	25.19 -0.78 0.00	24.18 -0.85 0.00	23.67 -0.94 0.00	23.40 -0.85 0.00	23.07 -0.99 0.00	23.68 -0.99 0.00	25.00 -0.83 0.00	27.82 -0.42 0.00	30.87 -0.66 0.00	35.15 -0.50 0.00	39.61 -0.24 0.00	41.68 -0.13 0.00	44.06 -1.18 0.00	52.13 -2.23 0.00	57.41 -2.08 0.00	65.90 -2.96 0.00	72.42 -1.93 0.00	65.33 -2.51 0.00	53.22 -2.33 0.00	43.49 -1.20 0.00	37.54 -1.04 0.00	34.34 -0.81 0.00
NINE_MILE_1 23575	24.41 -0.76 5.30	24.60 -0.74 3.30	25.24 -0.73 0.00	24.33 -0.70 0.00	23.92 -0.69 0.00	23.57 -0.68 0.00	23.36 -0.70 0.00	23.98 -0.69 0.00	25.08 -0.75 0.00	26.19 -0.76 1.29	26.35 -0.85 4.33	27.15 -0.93 7.57	28.68 -0.96 10.22	31.08 -0.92 9.80	31.27 -1.13 12.84	32.57 -1.41 20.37	30.30 -1.48 27.71	32.58 -1.72 34.56	32.51 -1.64 40.20	30.57 -1.56 35.71	34.63 -1.33 19.59	31.05 -1.03 12.62	31.12 -0.89 6.57	26.30 -0.84 8.00
NINE_MILE_2 23744	24.33 -0.76 5.38	24.55 -0.74 3.35	25.24 -0.73 0.00	24.33 -0.70 0.00	23.92 -0.69 0.00	23.57 -0.68 0.00	23.36 -0.70 0.00	23.98 -0.69 0.00	25.08 -0.75 0.00	26.18 -0.76 1.31	26.28 -0.85 4.40	27.03 -0.93 7.69	28.52 -0.96 10.37	30.93 -0.92 9.95	31.07 -1.13 13.03	32.27 -1.41 20.68	29.88 -1.48 28.13	32.06 -1.72 35.08	31.91 -1.64 40.81	30.03 -1.56 36.25	34.33 -1.33 19.89	30.86 -1.03 12.81	31.02 -0.89 6.67	26.18 -0.84 8.13
NM_CAPITAL___DRP 24208	31.32 0.85 0.00	29.59 0.95 0.00	27.03 1.06 0.00	26.08 1.05 0.00	25.64 1.03 0.00	25.29 1.04 0.00	25.04 0.99 0.00	25.55 0.89 0.00	26.71 0.88 0.00	28.98 0.73 0.00	32.26 0.73 0.00	36.43 0.78 0.00	40.61 0.76 0.00	42.73 0.92 0.00	46.18 0.95 0.00	55.83 1.47 0.00	61.16 1.67 0.00	70.85 2.00 0.00	76.36 2.01 0.00	69.67 1.83 0.00	57.91 1.61 -0.75	45.94 1.25 0.00	39.54 0.96 0.00	36.14 0.98 0.00
NM_CENTRAL___DRP 24181	30.75 -0.03 -0.31	28.70 -0.09 -0.15	25.69 -0.16 0.12	24.78 -0.15 0.10	24.34 -0.17 0.09	23.97 -0.19 0.09	23.78 -0.19 0.08	24.40 -0.17 0.10	25.53 -0.18 0.12	28.12 -0.08 0.04	31.59 -0.13 -0.19	36.04 -0.04 -0.42	40.40 -0.04 -0.59	42.28 -0.04 -0.52	45.98 0.00 -0.74	55.60 -0.05 -1.30	61.47 0.06 -1.92	71.32 0.07 -2.40	78.44 0.45 -3.65	71.50 0.20 -3.47	57.51 0.06 -1.90	46.00 0.09 -1.22	38.89 0.04 -0.27	35.67 0.04 -0.48

NM_FRONTIER___DRP 24179	29.52 -0.94 0.00	27.55 -1.09 0.00	24.85 -1.12 0.00	23.83 -1.20 0.00	23.33 -1.28 0.00	22.96 -1.29 0.00	22.71 -1.35 0.00	23.33 -1.33 0.00	24.54 -1.29 0.00	27.42 -0.82 0.00	30.24 -1.29 0.00	34.65 -1.00 0.00	38.82 -1.04 0.00	39.67 -2.13 0.00	43.42 -1.81 0.00	51.26 -3.10 0.00	56.04 -3.45 0.00	64.86 -3.99 0.00	71.30 -3.05 0.00	64.17 -3.66 0.00	52.28 -3.28 0.00	42.86 -1.83 0.00	36.88 -1.70 0.00	33.78 -1.37 0.00
NM_ST_REGIS___HYD 24053	22.52 -1.74 6.21	21.85 -1.55 5.24	20.82 -1.45 3.69	20.47 -1.45 3.11	20.31 -1.43 2.87	20.19 -1.43 2.63	20.18 -1.30 2.57	20.45 -1.23 2.99	20.85 -1.34 3.64	21.74 -1.44 5.06	22.98 -1.58 6.97	24.53 -1.75 9.37	26.01 -1.91 11.93	26.74 -1.96 13.10	27.98 -2.17 15.09	31.03 -3.10 20.23	33.05 -3.51 22.93	36.45 -4.06 28.35	63.08 -4.54 6.73	65.34 -3.46 -0.97	53.69 -2.39 -0.53	42.66 -2.37 -0.34	25.41 -2.20 10.97	24.13 -2.18 8.84
NORTHPORT___1 23551	43.99 2.71 -10.81	43.58 2.66 -12.28	40.06 2.42 -11.68	36.30 2.25 -9.01	33.15 2.22 -6.33	31.41 2.23 -4.94	26.20 2.14 0.00	27.09 2.42 0.00	39.03 2.66 -10.54	43.12 2.94 -11.94	39.27 3.09 -4.65	43.80 3.24 -4.91	42.20 3.07 0.72	45.26 3.01 -0.44	47.04 3.44 1.63	49.34 3.97 8.99	55.39 4.46 8.56	78.45 5.23 -4.37	81.67 5.06 -2.26	66.37 4.07 5.53	55.37 3.28 3.46	47.04 3.08 0.73	47.04 3.12 -5.34	47.08 2.92 -9.01
NORTHPORT___2 23552	43.99 2.71 -10.81	43.58 2.66 -12.28	40.06 2.42 -11.68	36.30 2.25 -9.01	33.15 2.22 -6.33	31.41 2.23 -4.94	26.20 2.14 0.00	27.09 2.42 0.00	39.03 2.66 -10.54	43.12 2.94 -11.94	39.27 3.09 -4.65	43.80 3.24 -4.91	42.20 3.07 0.72	45.26 3.01 -0.44	47.04 3.44 1.63	49.34 3.97 8.99	49.20 4.46 14.76	49.38 5.23 24.71	49.38 5.06 30.03	49.38 4.07 22.52	49.38 3.28 9.45	47.04 3.08 0.73	47.04 3.12 -5.34	47.08 2.92 -9.01
NORTHPORT___3 23553	44.07 2.80 -10.80	43.35 2.43 -12.28	39.90 2.26 -11.68	36.14 2.10 -9.01	32.98 2.04 -6.33	31.20 2.01 -4.94	26.01 1.95 0.00	26.84 2.17 0.00	38.90 2.53 -10.54	42.98 2.80 -11.94	39.55 3.38 -4.64	44.04 3.50 -4.90	42.55 3.43 0.73	45.75 3.51 -0.43	47.49 3.89 1.64	49.33 3.97 8.99	49.19 4.46 14.77	49.31 5.17 24.72	49.30 4.98 30.04	49.24 3.93 22.53	49.26 3.16 9.46	47.17 3.22 0.74	46.88 2.97 -5.33	47.17 2.78 -9.24
NORTHPORT___4 23650	44.07 2.80 -10.80	43.35 2.43 -12.28	39.90 2.26 -11.68	36.14 2.10 -9.01	32.98 2.04 -6.33	31.20 2.01 -4.94	26.01 1.95 0.00	26.84 2.17 0.00	38.90 2.53 -10.54	42.98 2.80 -11.94	39.55 3.38 -4.64	44.04 3.50 -4.90	42.55 3.43 0.73	45.75 3.51 -0.43	47.49 3.89 1.64	49.33 3.97 8.99	49.19 4.46 14.77	49.31 5.17 24.72	49.30 4.98 30.04	49.24 3.93 22.53	49.26 3.16 9.46	47.17 3.22 0.74	46.88 2.97 -5.33	47.17 2.78 -9.24
NORTHPORT___IC 23718	43.99 2.71 -10.81	43.58 2.66 -12.28	40.03 2.39 -11.68	36.29 2.25 -9.01	33.15 2.21 -6.33	31.44 2.26 -4.94	26.32 2.26 0.00	27.01 2.34 0.00	39.06 2.69 -10.54	43.10 2.91 -11.94	39.27 3.09 -4.65	43.80 3.24 -4.91	42.24 3.11 0.72	45.46 3.22 -0.44	47.04 3.44 1.63	49.40 4.02 8.99	49.26 4.52 14.76	49.31 5.16 24.71	49.23 4.91 30.03	49.24 3.93 22.52	49.38 3.28 9.45	47.04 3.08 0.73	47.00 3.09 -5.34	47.08 2.92 -9.01
NORTH___COUNTRY_ESR 323785	28.44 -0.88 1.15	26.91 -0.77 0.96	24.55 -0.75 0.66	23.69 -0.78 0.56	23.33 -0.76 0.52	23.00 -0.78 0.47	22.97 -0.63 0.46	23.64 -0.49 0.54	24.73 -0.44 0.66	26.99 -0.34 0.92	29.97 -0.28 1.28	33.64 -0.29 1.73	37.09 -0.56 2.20	38.77 -0.63 2.41	41.77 -0.68 2.78	49.04 -1.58 3.74	53.20 -2.02 4.27	61.31 -2.27 5.28	70.19 -2.75 1.41	65.87 -1.97 0.00	54.22 -1.33 0.00	43.26 -1.43 0.00	35.45 -1.12 2.01	32.15 -1.37 1.63
NPX_GEN_1385_PROXY 323591	43.32 2.04 -10.81	42.78 1.86 -12.28	39.41 1.77 -11.68	35.92 1.88 -9.01	32.88 1.94 -6.33	31.34 2.16 -4.94	26.13 2.07 0.00	27.13 2.47 0.00	38.56 2.19 -10.54	42.27 2.17 -11.85	38.76 2.59 -4.65	43.05 2.49 -4.91	41.56 2.43 0.72	44.96 2.72 -0.44	47.31 3.71 1.63	50.48 5.11 8.99	55.57 5.77 9.69	74.81 6.89 0.93	77.42 6.69 3.63	65.53 5.56 7.87	54.74 4.50 5.31	47.04 3.08 0.73	46.58 2.66 -5.34	46.52 2.36 -9.01
NPX_GEN_CSC 323557	44.72 3.38 -10.87	44.05 3.12 -12.29	40.39 2.75 -11.68	36.54 2.50 -9.01	33.37 2.44 -6.33	31.59 2.40 -4.94	26.35 2.29 0.00	27.23 2.57 0.00	39.34 2.97 -10.54	43.57 3.39 -11.94	53.78 3.97 -18.28	93.99 4.28 -54.06	136.31 4.27 -92.20	143.13 4.31 -97.02	141.53 4.84 -91.45	148.31 5.55 -88.41	262.81 6.19 -197.13	273.91 7.23 -197.82	303.07 7.29 -221.42	273.43 6.04 -199.56	168.51 4.89 -108.06	143.26 4.47 -94.10	90.20 4.09 -47.54	52.41 3.80 -13.46
NSINS_S_GLNS_FALLS 23858	32.36 1.89 0.00	30.47 1.83 0.00	27.63 1.66 0.00	26.61 1.58 0.00	26.06 1.45 0.00	25.70 1.45 0.00	25.45 1.40 0.00	25.92 1.26 0.00	27.30 1.47 0.00	29.68 1.44 0.00	32.95 1.42 0.00	37.33 1.68 0.00	41.92 2.07 0.00	43.85 2.05 0.00	47.54 2.31 0.00	57.73 3.37 0.00	63.36 3.87 0.00	73.54 4.68 0.00	80.52 6.17 0.00	73.87 6.04 0.00	62.01 5.22 -1.24	48.76 4.07 0.00	41.43 2.85 0.00	37.54 2.39 0.00
NUCOR_STEEL___DRP 24197	31.68 0.52 -0.70	29.44 0.40 -0.40	26.16 0.29 0.08	25.18 0.23 0.07	24.74 0.20 0.07	24.36 0.17 0.06	24.14 0.14 0.06	24.77 0.17 0.07	25.92 0.18 0.08	28.70 0.37 -0.09	32.40 0.35 -0.53	37.13 0.50 -0.98	41.87 0.68 -1.34	43.73 0.67 -1.25	47.78 0.86 -1.68	57.99 0.87 -2.76	64.42 1.07 -3.86	75.05 1.38 -4.82	82.57 2.01 -6.21	75.20 1.70 -5.67	59.83 1.17 -3.11	47.77 1.07 -2.00	40.21 0.85 -0.79	36.92 0.70 -1.06
NUMBER_THREE_WT_PWR 323818	28.44 -0.24 1.78	26.78 -0.29 1.58	24.40 -0.31 1.25	23.62 -0.35 1.05	23.27 -0.37 0.97	23.02 -0.34 0.89	22.78 -0.41 0.87	23.16 -0.49 1.01	24.00 -0.59 1.23	25.99 -0.62 1.64	28.61 -0.82 2.10	32.15 -0.78 2.71	35.56 -0.88 3.42	37.22 -0.75 3.84	40.00 -0.90 4.33	47.78 -0.98 5.61	52.59 -0.83 6.07	60.75 -0.62 7.49	74.61 0.07 -0.19	71.03 0.68 -2.52	57.61 0.67 -1.38	45.89 0.32 -0.89	35.26 0.00 3.31	32.51 -0.14 2.50
NYISO_LBMP_REFERENCE 24008	30.47 0.00 0.00	28.64 0.00 0.00	25.96 0.00 0.00	25.03 0.00 0.00	24.61 0.00 0.00	24.25 0.00 0.00	24.06 0.00 0.00	24.67 0.00 0.00	25.83 0.00 0.00	28.24 0.00 0.00	31.53 0.00 0.00	35.65 0.00 0.00	39.85 0.00 0.00	41.81 0.00 0.00	45.23 0.00 0.00	54.36 0.00 0.00	59.49 0.00 0.00	68.86 0.00 0.00	74.35 0.00 0.00	67.83 0.00 0.00	55.55 0.00 0.00	44.69 0.00 0.00	38.58 0.00 0.00	35.15 0.00 0.00
NYPA_BRENTWD____GT 24164	44.70 3.41 -10.82	44.10 3.18 -12.28	40.50 2.86 -11.68	36.69 2.65 -9.01	33.52 2.58 -6.33	31.75 2.57 -4.94	26.51 2.46 0.00	27.40 2.74 0.00	39.44 3.07 -10.54	43.63 3.44 -11.94	43.75 3.85 -8.37	57.93 3.92 -18.36	68.27 3.71 -24.71	72.40 3.72 -26.88	73.33 4.25 -23.85	77.89 4.89 -18.63	108.27 5.53 -43.25	122.02 6.54 -46.62	127.48 6.47 -46.67	115.09 5.36 -41.90	82.86 4.28 -23.02	73.85 3.93 -25.23	59.55 4.09 -16.89	60.62 3.83 -21.64

NYPA_GOWANUS____GT5 24156	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.16 3.31 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.80 5.23 -14.71	79.41 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.25 3.67 -0.01	38.67 3.51 -0.01
NYPA_GOWANUS____GT6 24157	33.34 2.86 -0.01	31.23 2.58 -0.01	28.33 2.36 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.81 2.14 0.00	28.33 2.50 0.00	31.07 2.82 0.00	35.00 3.47 0.00	39.36 3.71 0.00	43.16 3.31 0.00	44.94 3.14 0.00	48.71 3.48 0.01	64.55 4.57 -5.62	76.45 4.76 -12.20	88.80 5.23 -14.71	79.41 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	48.04 3.35 0.00	42.25 3.67 -0.01	38.67 3.51 -0.01
NYPA_HARLEM__RVR__GT1 24160	33.25 2.77 -0.01	31.14 2.49 -0.01	28.28 2.31 -0.01	27.16 2.13 -0.01	26.68 2.07 0.00	26.14 1.89 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.19 2.37 0.01	30.90 2.65 0.00	34.78 3.25 0.00	39.03 3.39 0.01	42.87 3.03 0.01	44.56 2.76 0.01	48.30 3.08 0.01	58.65 4.29 0.01	63.95 4.46 0.01	73.81 4.96 0.01	79.03 4.69 0.01	71.76 3.93 0.01	59.10 3.45 -0.10	47.64 2.95 0.00	41.97 3.40 0.00	38.57 3.41 -0.01
NYPA_HARLEM__RVR__GT2 24161	33.25 2.77 -0.01	31.14 2.49 -0.01	28.28 2.31 -0.01	27.16 2.13 -0.01	26.68 2.07 0.00	26.14 1.89 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.19 2.37 0.01	30.90 2.65 0.00	34.78 3.25 0.00	39.03 3.39 0.01	42.87 3.03 0.01	44.56 2.76 0.01	48.30 3.08 0.01	58.65 4.29 0.01	63.95 4.46 0.01	73.81 4.96 0.01	79.03 4.69 0.01	71.76 3.93 0.01	59.10 3.45 -0.10	47.64 2.95 0.00	41.97 3.40 0.00	38.57 3.41 -0.01
NYPA_KENT____GT 24152	33.25 2.77 0.00	31.14 2.49 0.00	28.25 2.29 0.00	27.11 2.08 0.00	26.63 2.02 0.00	26.16 1.92 0.00	26.05 2.00 0.00	26.79 2.12 0.00	28.31 2.48 0.00	31.04 2.80 0.00	34.94 3.41 0.00	39.29 3.64 0.00	43.12 3.27 0.00	44.86 3.05 0.00	48.62 3.39 0.01	61.00 4.40 -2.24	68.93 4.58 -4.86	79.81 5.10 -5.86	79.18 4.83 0.01	74.70 4.07 -2.79	63.37 3.50 -4.31	47.91 3.22 0.00	42.17 3.59 0.00	38.57 3.41 -0.01
NYPA_POUCH1____GT 24155	33.28 2.80 -0.01	31.17 2.52 -0.01	28.31 2.34 -0.01	27.11 2.08 0.00	26.63 2.02 0.00	26.12 1.87 0.00	25.98 1.93 0.00	26.71 2.05 0.00	28.23 2.40 0.00	30.98 2.74 0.00	34.91 3.38 0.00	39.25 3.60 0.00	43.00 3.15 0.00	44.77 2.97 0.00	48.53 3.30 0.01	64.39 4.40 -5.62	76.27 4.58 -12.20	88.66 5.10 -14.71	79.18 4.83 0.01	78.91 4.07 -7.01	70.03 3.50 -10.97	47.91 3.22 0.00	42.21 3.63 -0.01	38.57 3.41 -0.01
NYPA_VERNON____GT2 24162	33.18 2.71 0.00	31.08 2.43 0.00	28.20 2.23 0.00	27.08 2.05 0.00	26.60 1.99 0.00	26.14 1.89 0.00	26.05 2.00 0.00	26.79 2.12 0.00	28.28 2.45 0.00	30.98 2.74 0.00	34.87 3.34 0.00	39.18 3.53 0.00	43.08 3.23 0.00	44.82 3.01 0.00	48.57 3.35 0.01	57.51 4.29 1.15	61.41 4.40 2.48	70.82 4.96 2.99	79.03 4.69 0.01	70.34 3.93 1.43	56.59 3.39 2.35	47.82 3.13 0.00	42.05 3.47 0.00	38.50 3.34 -0.01
NYPA_VERNON____GT3 24163	33.18 2.71 0.00	31.08 2.43 0.00	28.20 2.23 0.00	27.08 2.05 0.00	26.60 1.99 0.00	26.14 1.89 0.00	26.05 2.00 0.00	26.79 2.12 0.00	28.28 2.45 0.00	30.98 2.74 0.00	34.87 3.34 0.00	39.18 3.53 0.00	43.08 3.23 0.00	44.82 3.01 0.00	48.57 3.35 0.01	57.51 4.29 1.15	61.41 4.40 2.48	70.82 4.96 2.99	79.03 4.69 0.01	70.34 3.93 1.43	56.59 3.39 2.35	47.82 3.13 0.00	42.05 3.47 0.00	38.50 3.34 -0.01
NYPA____ASTORIA_CC1 323568	33.12 2.65 0.00	31.02 2.38 0.00	28.14 2.18 0.00	27.03 2.00 0.00	26.55 1.94 0.00	26.09 1.84 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.00 3.15 0.00	44.69 2.88 0.00	48.39 3.17 0.01	54.75 4.13 3.74	55.60 4.22 8.11	63.82 4.75 9.78	78.80 4.46 0.01	66.90 3.73 4.66	53.15 3.22 5.62	47.73 3.04 0.00	41.97 3.40 0.00	38.46 3.30 -0.01
NYPA____ASTORIA_CC2 323569	33.12 2.65 0.00	31.02 2.38 0.00	28.14 2.18 0.00	27.03 2.00 0.00	26.55 1.94 0.00	26.09 1.84 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.23 2.40 0.00	30.93 2.68 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.00 3.15 0.00	44.69 2.88 0.00	48.39 3.17 0.01	54.75 4.13 3.74	55.60 4.22 8.11	63.82 4.75 9.78	78.80 4.46 0.01	66.90 3.73 4.66	53.15 3.22 5.62	47.73 3.04 0.00	41.97 3.40 0.00	38.46 3.30 -0.01
NYPA____HOLTSVILL 23794	44.68 3.35 -10.86	44.05 3.12 -12.29	40.45 2.80 -11.68	36.60 2.55 -9.01	33.42 2.48 -6.33	31.66 2.47 -4.94	26.42 2.36 0.00	27.31 2.64 0.00	39.36 2.99 -10.54	43.55 3.36 -11.94	53.39 3.81 -18.05	92.93 4.03 -53.25	134.50 3.98 -90.66	141.20 3.97 -95.42	139.54 4.39 -89.92	146.12 4.95 -86.82	258.71 5.59 -193.63	269.79 6.54 -194.38	298.26 6.47 -217.45	268.42 5.36 -195.23	166.76 4.34 -106.87	141.25 4.02 -92.54	89.28 3.86 -46.84	52.21 3.62 -13.43
NYPA____HELLGATE_GT1 24158	33.25 2.77 -0.01	31.14 2.49 -0.01	28.28 2.31 -0.01	27.16 2.13 -0.01	26.68 2.07 0.00	26.14 1.89 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.19 2.37 0.01	30.90 2.65 0.00	34.78 3.25 0.00	39.03 3.39 0.01	42.87 3.03 0.01	44.56 2.76 0.01	48.30 3.08 0.01	58.65 4.29 0.01	63.95 4.46 0.01	73.81 4.96 0.01	79.03 4.69 0.01	71.76 3.93 0.01	59.10 3.45 -0.10	47.64 2.95 0.00	41.93 3.35 0.00	38.57 3.41 -0.01
NYPA____HELLGATE_GT2 24159	33.25 2.77 -0.01	31.14 2.49 -0.01	28.28 2.31 -0.01	27.16 2.13 -0.01	26.68 2.07 0.00	26.14 1.89 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.19 2.37 0.01	30.90 2.65 0.00	34.78 3.25 0.00	39.03 3.39 0.01	42.87 3.03 0.01	44.56 2.76 0.01	48.30 3.08 0.01	58.65 4.29 0.01	63.95 4.46 0.01	73.81 4.96 0.01	79.03 4.69 0.01	71.76 3.93 0.01	59.10 3.45 -0.10	47.64 2.95 0.00	41.93 3.35 0.00	38.57 3.41 -0.01
NYS_BARGE____HYD 23848	30.26 -0.21 0.00	28.24 -0.40 0.00	25.39 -0.57 0.00	24.43 -0.60 0.00	23.89 -0.71 0.00	23.59 -0.65 0.00	23.22 -0.84 0.00	23.85 -0.81 0.00	25.21 -0.62 0.00	28.05 -0.20 0.00	31.15 -0.38 0.00	35.51 -0.14 0.00	39.97 0.12 0.00	42.14 0.33 0.00	44.60 -0.63 0.00	52.62 -1.74 0.00	58.06 -1.43 0.00	66.65 -2.21 0.00	73.24 -1.11 0.00	66.07 -1.76 0.00	53.83 -1.72 0.00	43.97 -0.72 0.00	37.92 -0.66 0.00	34.66 -0.49 0.00
OAK ORCHARD____HYD 24046	30.68 0.21 0.00	28.67 0.03 0.00	25.81 -0.15 0.00	24.80 -0.23 0.00	24.31 -0.29 0.00	23.93 -0.32 0.00	23.67 -0.39 0.00	24.32 -0.35 0.00	25.65 -0.18 0.00	28.39 0.14 0.00	31.56 0.03 0.00	35.93 0.28 0.00	40.53 0.68 0.00	42.64 0.84 0.00	45.55 0.32 0.00	54.36 0.00 0.00	59.73 0.24 0.00	68.93 0.07 0.00	75.54 1.19 0.00	68.31 0.48 0.00	55.83 0.28 0.00	45.23 0.54 0.00	38.92 0.35 0.00	35.43 0.28 0.00

OAKDALE___35_KV_LOAD 356122	31.39 0.58 -0.35	29.32 0.46 -0.22	26.28 0.31 0.00	25.30 0.28 0.00	24.83 0.22 0.00	24.49 0.24 0.00	24.25 0.19 0.00	24.89 0.22 0.00	26.11 0.28 0.00	28.87 0.54 -0.08	32.35 0.54 -0.28	36.89 0.75 -0.50	41.32 0.80 -0.67	43.08 0.63 -0.64	46.93 0.86 -0.84	56.51 0.82 -1.33	62.32 1.01 -1.82	72.22 1.10 -2.26	78.62 1.64 -2.63	71.46 1.29 -2.34	57.67 0.78 -1.33	46.37 0.85 -0.83	39.78 0.77 -0.43	36.31 0.63 -0.52
OCC_CHEM___DRP 24175	29.62 -0.85 0.00	27.64 -1.00 0.00	24.93 -1.04 0.00	23.90 -1.13 0.00	23.38 -1.23 0.00	23.01 -1.24 0.00	22.78 -1.28 0.00	23.41 -1.26 0.00	24.61 -1.21 0.00	27.51 -0.73 0.00	30.33 -1.20 0.00	34.76 -0.89 0.00	38.93 -0.92 0.00	39.80 -2.01 0.00	43.56 -1.67 0.00	51.42 -2.94 0.00	56.22 -3.27 0.00	65.07 -3.79 0.00	71.53 -2.83 0.00	64.38 -3.46 0.00	52.39 -3.17 0.00	42.95 -1.74 0.00	36.99 -1.58 0.00	33.89 -1.27 0.00
OH_GEN_PROXY 24063	29.98 -0.49 0.00	27.98 -0.66 0.00	25.21 -0.75 0.00	24.20 -0.83 0.00	23.70 -0.91 0.00	23.42 -0.82 0.00	23.10 -0.96 0.00	23.70 -0.96 0.00	25.05 -0.77 0.00	27.88 -0.37 0.00	30.93 -0.60 0.00	35.22 -0.43 0.00	39.65 -0.20 0.00	41.76 -0.04 0.00	44.15 -1.09 0.00	52.24 -2.12 0.00	57.53 -1.96 0.00	66.10 -2.76 0.00	72.64 -1.71 0.00	66.22 -2.38 -0.76	52.57 -2.22 0.76	43.57 -1.12 0.00	37.61 -0.96 0.00	34.38 -0.77 0.00
OLIN_CORP_DRP 24177	29.95 -0.52 0.00	27.95 -0.69 0.00	25.13 -0.83 0.00	24.20 -0.83 0.00	23.67 -0.94 0.00	23.30 -0.95 0.00	23.00 -1.06 0.00	23.63 -1.04 0.00	24.85 -0.98 0.00	27.76 -0.48 0.00	30.65 -0.88 0.00	35.11 -0.53 0.00	39.29 -0.56 0.00	40.22 -1.59 0.00	44.01 -1.22 0.00	51.97 -2.39 0.00	56.81 -2.68 0.00	65.76 -3.10 0.00	72.34 -2.01 0.00	65.12 -2.71 0.00	53.00 -2.56 0.00	43.44 -1.25 0.00	37.38 -1.20 0.00	34.20 -0.95 0.00
OLIN_CORP_DSASP 323712	29.65 -0.82 0.00	27.67 -0.97 0.00	24.92 -1.04 0.00	23.90 -1.13 0.00	23.38 -1.23 0.00	23.11 -1.14 0.00	22.78 -1.28 0.00	23.41 -1.26 0.00	24.72 -1.11 0.00	27.51 -0.73 0.00	30.52 -1.01 0.00	34.76 -0.89 0.00	39.17 -0.68 0.00	41.26 -0.54 0.00	43.56 -1.67 0.00	51.48 -2.88 0.00	56.70 -2.80 0.00	65.07 -3.79 0.00	71.53 -2.83 0.00	64.44 -3.39 0.00	52.50 -3.06 0.00	42.95 -1.74 0.00	37.07 -1.51 0.00	33.96 -1.20 0.00
ONEIDA_HERK_LFGE 323681	30.20 0.52 0.78	28.37 0.43 0.70	25.75 0.36 0.57	24.85 0.30 0.48	24.46 0.30 0.45	24.13 0.29 0.41	23.90 0.24 0.40	24.40 0.20 0.46	25.45 0.18 0.56	27.73 0.22 0.74	30.76 0.16 0.93	34.74 0.28 1.19	38.67 0.32 1.50	40.61 0.50 1.70	43.83 0.76 1.90	52.68 0.95 2.44	57.83 1.31 2.61	66.95 1.93 3.21	76.62 2.11 -0.34	71.32 1.72 -1.38	58.03 1.25 -0.75	46.42 0.85 -0.49	37.95 0.85 1.48	34.76 0.70 1.10
ONEIDA___115KV_TB4 55905	31.40 1.07 0.14	29.38 0.92 0.17	26.50 0.78 0.24	25.53 0.70 0.20	25.11 0.69 0.19	24.76 0.68 0.17	24.52 0.63 0.17	25.04 0.57 0.19	26.16 0.57 0.24	28.69 0.71 0.26	31.99 0.69 0.23	36.35 0.93 0.22	40.63 1.04 0.26	42.66 1.21 0.35	46.26 1.36 0.33	55.82 1.74 0.28	61.49 2.08 0.08	71.39 2.62 0.09	79.30 3.35 -1.61	72.97 3.26 -1.88	59.20 2.61 -1.03	47.36 2.01 -0.66	39.74 1.54 0.38	36.32 1.34 0.17
ONONDAGA_REF_OCCRA 23987	30.86 -0.06 -0.45	28.74 -0.14 -0.24	25.67 -0.18 0.11	24.74 -0.20 0.09	24.30 -0.22 0.08	23.95 -0.22 0.08	23.74 -0.24 0.07	24.38 -0.20 0.09	25.52 -0.21 0.11	28.14 -0.11 -0.01	31.72 -0.13 -0.31	36.24 -0.04 -0.63	40.68 -0.04 -0.87	42.55 -0.04 -0.79	46.32 0.00 -1.09	56.14 -0.05 -1.84	62.18 0.06 -2.63	72.21 0.07 -3.29	79.38 0.45 -4.59	72.31 0.20 -4.28	57.90 0.00 -2.35	46.29 0.09 -1.51	39.08 0.04 -0.46	35.85 0.00 -0.70
ONONDAGA___COGEN 23986	31.36 0.12 -0.77	29.14 0.06 -0.44	25.84 -0.03 0.10	24.92 -0.03 0.09	24.48 -0.05 0.08	24.10 -0.07 0.07	23.92 -0.07 0.07	24.54 -0.05 0.08	25.68 -0.05 0.10	28.39 0.06 -0.09	32.14 0.03 -0.58	36.88 0.14 -1.09	41.57 0.24 -1.48	43.44 0.25 -1.38	47.41 0.32 -1.86	57.69 0.27 -3.06	64.19 0.42 -4.28	74.76 0.55 -5.35	82.26 0.97 -6.94	74.87 0.68 -6.35	59.43 0.39 -3.49	47.34 0.40 -2.24	39.75 0.31 -0.86	36.57 0.25 -1.18
ONTARIO___LFGE 23819	31.48 0.70 -0.31	29.41 0.57 -0.19	26.33 0.36 0.00	25.30 0.28 0.00	24.81 0.20 0.00	24.47 0.22 0.00	24.23 0.17 0.00	24.86 0.20 0.00	26.11 0.28 0.00	28.88 0.56 -0.08	32.35 0.57 -0.25	36.81 0.71 -0.44	41.56 1.11 -0.60	43.80 1.42 -0.57	47.12 1.13 -0.75	56.58 1.03 -1.19	62.66 1.54 -1.62	72.67 1.79 -2.03	79.76 3.05 -2.36	72.30 2.37 -2.09	58.26 1.55 -1.15	46.86 1.43 -0.74	40.12 1.16 -0.38	36.50 0.88 -0.47
ORANGEVILLE_WT_PWR 323706	30.84 0.37 0.00	28.79 0.14 0.00	25.94 -0.03 0.00	24.90 -0.12 0.00	24.39 -0.22 0.00	24.08 -0.17 0.00	23.77 -0.29 0.00	24.42 -0.25 0.00	25.75 -0.08 0.00	28.61 0.37 0.00	31.85 0.32 0.00	36.22 0.57 0.00	40.81 0.95 0.00	42.97 1.17 0.00	45.64 0.41 0.00	54.09 -0.27 0.00	59.61 0.12 0.00	68.45 -0.41 0.00	75.10 0.74 0.00	67.83 0.00 0.00	55.17 -0.39 0.00	44.91 0.22 0.00	38.77 0.19 0.00	35.26 0.11 0.00
ORANGEVILLE___ESR 323794	30.84 0.37 0.00	28.79 0.14 0.00	25.94 -0.03 0.00	24.90 -0.12 0.00	24.39 -0.22 0.00	24.08 -0.17 0.00	23.77 -0.29 0.00	24.42 -0.25 0.00	25.75 -0.08 0.00	28.61 0.37 0.00	31.85 0.32 0.00	36.22 0.57 0.00	40.81 0.95 0.00	42.97 1.17 0.00	45.64 0.41 0.00	54.09 -0.27 0.00	59.61 0.12 0.00	68.45 -0.41 0.00	75.10 0.74 0.00	67.83 0.00 0.00	55.17 -0.39 0.00	44.91 0.22 0.00	38.77 0.19 0.00	35.26 0.11 0.00
OSWEGATCHIE___HYD 24044	24.30 -1.52 4.64	23.25 -1.43 3.96	21.74 -1.35 2.88	21.25 -1.35 2.43	21.04 -1.33 2.24	20.89 -1.31 2.05	20.75 -1.30 2.01	21.01 -1.33 2.33	21.49 -1.50 2.84	22.71 -1.64 3.90	24.39 -1.86 5.27	26.60 -2.03 7.02	28.71 -2.23 8.91	29.71 -2.26 9.84	31.47 -2.49 11.28	36.32 -3.04 15.00	39.39 -3.27 16.83	44.55 -3.51 20.79	67.21 -3.42 3.72	67.44 -2.51 -2.11	54.93 -1.78 -1.16	43.69 -1.74 -0.75	28.54 -1.74 8.30	26.84 -1.72 6.59
OSWEGO___5 23606	33.90 -0.52 -3.95	30.58 -0.51 -2.46	25.44 -0.52 0.00	24.53 -0.50 0.00	24.12 -0.49 0.00	23.74 -0.51 0.00	23.55 -0.51 0.00	24.17 -0.49 0.00	25.28 -0.54 0.00	28.70 -0.51 -0.96	34.16 -0.60 -3.23	40.69 -0.61 -5.64	46.82 -0.64 -7.61	48.57 -0.54 -7.30	54.03 -0.77 -9.56	68.56 -0.98 -15.18	79.18 -0.95 -20.64	93.43 -1.17 -25.74	103.33 -0.97 -29.95	93.42 -1.02 -26.60	69.26 -0.89 -14.60	53.42 -0.67 -9.40	42.89 -0.58 -4.89	40.59 -0.53 -5.96
OSWEGO___6 23613	33.90 -0.52 -3.95	30.58 -0.51 -2.46	25.44 -0.52 0.00	24.53 -0.50 0.00	24.12 -0.49 0.00	23.74 -0.51 0.00	23.55 -0.51 0.00	24.17 -0.49 0.00	25.28 -0.54 0.00	28.70 -0.51 -0.96	34.16 -0.60 -3.23	40.69 -0.61 -5.64	46.82 -0.64 -7.61	48.57 -0.54 -7.30	54.03 -0.77 -9.56	68.56 -0.98 -15.18	79.18 -0.95 -20.64	93.43 -1.17 -25.74	103.33 -0.97 -29.95	93.42 -1.02 -26.60	69.26 -0.89 -14.60	53.42 -0.67 -9.40	42.89 -0.58 -4.89	40.59 -0.53 -5.96

OUTOKUMPU-AB___DRP 24206	30.47 0.00 0.00	28.44 -0.20 0.00	25.57 -0.39 0.00	24.55 -0.48 0.00	24.04 -0.57 0.00	23.64 -0.61 0.00	23.38 -0.67 0.00	24.05 -0.62 0.00	25.31 -0.52 0.00	28.30 0.06 0.00	31.31 -0.22 0.00	35.86 0.21 0.00	40.17 0.32 0.00	41.18 -0.63 0.00	45.14 -0.09 0.00	53.11 -1.25 0.00	58.12 -1.37 0.00	67.14 -1.72 0.00	73.76 -0.59 0.00	66.41 -1.42 0.00	54.00 -1.56 0.00	44.29 -0.40 0.00	38.19 -0.39 0.00	34.91 -0.25 0.00
OXBOW___BTM 323836	30.04 -0.43 0.00	28.04 -0.60 0.00	25.24 -0.73 0.00	24.20 -0.83 0.00	23.67 -0.94 0.00	23.40 -0.85 0.00	23.07 -0.99 0.00	23.70 -0.96 0.00	25.05 -0.77 0.00	27.88 -0.37 0.00	30.99 -0.54 0.00	35.29 -0.36 0.00	39.81 -0.04 0.00	41.97 0.17 0.00	44.37 -0.86 0.00	52.35 -2.01 0.00	57.71 -1.78 0.00	66.10 -2.76 0.00	72.64 -1.71 0.00	65.46 -2.38 0.00	53.27 -2.28 0.00	43.62 -1.07 0.00	37.65 -0.93 0.00	34.45 -0.70 0.00
OXBOW___ 24026	30.01 -0.46 0.00	28.01 -0.63 0.00	25.24 -0.73 0.00	24.20 -0.83 0.00	23.67 -0.94 0.00	23.30 -0.95 0.00	23.05 -1.01 0.00	23.70 -0.96 0.00	24.92 -0.90 0.00	27.88 -0.37 0.00	30.80 -0.73 0.00	35.29 -0.36 0.00	39.53 -0.32 0.00	40.51 -1.30 0.00	44.37 -0.86 0.00	52.29 -2.07 0.00	57.17 -2.32 0.00	66.10 -2.75 0.00	72.64 -1.71 0.00	65.39 -2.44 0.00	53.22 -2.33 0.00	43.62 -1.07 0.00	37.57 -1.00 0.00	34.38 -0.77 0.00
OXY_CHEM_DSASP 323612	29.62 -0.85 0.00	27.64 -1.00 0.00	24.93 -1.04 0.00	23.90 -1.13 0.00	23.38 -1.23 0.00	23.01 -1.24 0.00	22.78 -1.28 0.00	23.41 -1.26 0.00	24.61 -1.21 0.00	27.51 -0.73 0.00	30.33 -1.20 0.00	34.76 -0.89 0.00	38.93 -0.92 0.00	39.80 -2.01 0.00	43.56 -1.67 0.00	51.42 -2.94 0.00	56.22 -3.27 0.00	65.07 -3.79 0.00	71.53 -2.83 0.00	64.38 -3.46 0.00	52.39 -3.17 0.00	42.95 -1.74 0.00	36.99 -1.58 0.00	33.89 -1.27 0.00
OZONE_PARK_ESR 323760	33.39 2.92 0.00	31.28 2.64 0.00	28.33 2.36 0.00	27.26 2.23 0.00	26.77 2.17 0.00	26.38 2.13 0.00	26.27 2.21 0.00	27.01 2.34 0.00	28.57 2.74 0.00	31.29 3.05 0.00	35.22 3.69 0.00	39.54 3.89 0.00	43.72 3.87 0.00	45.69 3.89 0.00	49.30 4.07 0.00	59.58 5.22 0.00	64.97 5.47 0.00	74.99 6.13 0.00	80.37 6.02 0.00	72.99 5.16 0.00	60.00 4.33 -0.11	48.44 3.75 0.00	42.39 3.82 0.00	38.74 3.59 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.62 -0.85 0.00	27.64 -1.00 0.00	24.93 -1.04 0.00	23.90 -1.13 0.00	23.38 -1.23 0.00	23.01 -1.24 0.00	22.78 -1.28 0.00	23.41 -1.26 0.00	24.61 -1.21 0.00	27.51 -0.73 0.00	30.33 -1.20 0.00	34.76 -0.89 0.00	38.93 -0.92 0.00	39.80 -2.01 0.00	43.56 -1.67 0.00	51.42 -2.94 0.00	56.22 -3.27 0.00	65.07 -3.79 0.00	71.53 -2.83 0.00	64.38 -3.46 0.00	52.39 -3.17 0.00	42.95 -1.74 0.00	36.99 -1.58 0.00	33.89 -1.27 0.00
PACKARD__115KV_DUPONT_184 80571	29.62 -0.85 0.00	27.64 -1.00 0.00	24.93 -1.04 0.00	23.90 -1.13 0.00	23.38 -1.23 0.00	23.01 -1.24 0.00	22.78 -1.28 0.00	23.41 -1.26 0.00	24.61 -1.21 0.00	27.51 -0.73 0.00	30.33 -1.20 0.00	34.76 -0.89 0.00	38.93 -0.92 0.00	39.80 -2.01 0.00	43.56 -1.67 0.00	51.42 -2.94 0.00	56.22 -3.27 0.00	65.07 -3.79 0.00	71.53 -2.83 0.00	64.38 -3.46 0.00	52.39 -3.17 0.00	42.95 -1.74 0.00	36.99 -1.58 0.00	33.89 -1.27 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.18 2.71 0.00	31.08 2.43 0.00	28.20 2.23 0.00	27.08 2.05 0.00	26.60 1.99 0.00	26.14 1.89 0.00	25.96 1.90 0.00	26.66 2.00 0.00	28.13 2.30 0.00	30.81 2.57 0.00	34.68 3.15 0.00	38.93 3.28 0.00	42.92 3.07 0.00	44.86 3.05 0.00	48.21 2.99 0.01	58.54 4.19 0.01	63.95 4.46 0.01	73.67 4.82 0.01	78.81 4.46 0.01	71.63 3.80 0.01	58.93 3.28 -0.10	47.51 2.82 0.00	41.97 3.39 0.00	38.50 3.34 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.55 3.08 0.00	31.45 2.81 0.00	28.51 2.54 0.00	27.36 2.33 0.00	26.87 2.26 0.00	26.36 2.11 0.00	26.20 2.14 0.00	26.91 2.24 0.00	28.36 2.53 0.00	31.12 2.88 0.00	35.06 3.53 0.00	39.32 3.67 0.00	43.40 3.55 0.00	45.32 3.51 0.00	48.71 3.48 0.01	59.19 4.84 0.01	64.60 5.12 0.01	74.43 5.58 0.01	79.70 5.35 0.01	72.37 4.54 0.01	59.55 3.89 -0.10	48.00 3.31 0.00	42.39 3.82 0.00	38.89 3.73 -0.01
PATROON__115KV_TB1 80586	31.35 0.88 0.00	29.64 1.00 0.00	27.08 1.12 0.00	26.11 1.08 0.00	25.69 1.08 0.00	25.34 1.09 0.00	25.07 1.01 0.00	25.60 0.94 0.00	26.73 0.90 0.00	29.01 0.76 0.00	32.29 0.76 0.00	36.47 0.82 0.00	40.73 0.88 0.00	42.81 1.00 0.00	46.32 1.09 0.00	55.99 1.63 0.00	61.34 1.84 0.00	71.06 2.20 0.00	76.66 2.30 0.00	69.94 2.10 0.00	58.21 1.83 -0.82	46.12 1.43 0.00	39.66 1.08 0.00	36.21 1.05 0.00
PATTRSNVILLE___SOLAR 323815	31.96 1.49 0.00	30.07 1.43 0.00	27.26 1.30 0.00	26.28 1.25 0.00	25.79 1.18 0.00	25.41 1.16 0.00	25.14 1.08 0.00	25.65 0.99 0.00	26.89 1.06 0.00	29.32 1.07 0.00	32.70 1.17 0.00	36.97 1.32 0.00	41.28 1.43 0.00	43.27 1.46 0.00	46.95 1.72 0.00	56.70 2.34 0.00	62.11 2.61 0.00	72.16 3.31 0.00	78.44 4.09 0.00	71.77 3.93 0.00	60.19 3.33 -1.30	47.33 2.64 0.00	40.66 2.08 0.00	36.98 1.83 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.80 0.34 0.00	28.73 0.09 0.00	25.83 -0.13 0.00	24.80 -0.23 0.00	24.29 -0.32 0.00	23.93 -0.32 0.00	23.65 -0.41 0.00	24.30 -0.37 0.00	25.62 -0.21 0.00	28.64 0.40 0.00	31.78 0.25 0.00	36.36 0.71 0.00	40.73 0.88 0.00	41.85 0.04 0.00	45.87 0.63 0.00	54.20 -0.16 0.00	59.43 -0.06 0.00	68.58 -0.28 0.00	75.10 0.74 0.00	67.70 -0.14 0.00	54.89 -0.67 0.00	44.78 0.09 0.00	38.69 0.12 0.00	35.29 0.14 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.12 2.65 0.00	31.05 2.41 0.00	28.17 2.21 0.00	27.06 2.03 0.00	26.55 1.94 0.00	26.19 1.94 0.00	26.01 1.95 0.00	26.66 2.00 0.00	28.23 2.40 0.00	30.84 2.60 0.00	34.68 3.15 0.00	39.07 3.42 0.00	43.36 3.51 0.00	45.53 3.72 0.00	49.26 4.03 0.00	59.58 5.22 0.00	65.20 5.71 0.00	75.61 6.75 0.00	81.04 6.69 0.00	73.40 5.56 0.00	60.22 4.56 -0.11	48.31 3.62 0.00	41.93 3.36 0.00	38.21 3.06 0.00
PEEKSKILL___ 23653	32.76 2.29 0.00	30.70 2.06 0.00	27.86 1.89 0.00	26.81 1.78 0.00	26.31 1.70 0.00	25.95 1.70 0.00	25.77 1.71 0.00	26.49 1.83 0.00	27.95 2.12 0.00	30.59 2.34 0.00	34.34 2.81 0.00	38.64 2.99 0.00	42.68 2.83 0.00	44.56 2.76 0.00	48.40 3.17 0.00	58.33 3.97 0.00	63.72 4.22 0.00	73.75 4.89 0.00	79.11 4.76 0.00	71.84 4.00 0.00	58.94 3.28 -0.11	47.51 2.82 0.00	41.39 2.81 0.00	37.82 2.67 0.00
PGE MADISON___WINDPWR 24146	34.10 3.26 -0.37	31.73 2.86 -0.23	28.40 2.44 0.00	27.28 2.25 0.00	26.80 2.19 0.00	26.48 2.23 0.00	26.13 2.07 0.00	26.64 1.97 0.00	27.79 1.96 0.00	30.68 2.34 -0.09	34.13 2.30 -0.30	39.03 2.85 -0.52	43.83 3.27 -0.71	46.50 4.01 -0.68	50.20 4.07 -0.89	60.88 5.11 -1.41	67.42 6.01 -1.92	78.62 7.37 -2.40	86.66 9.52 -2.79	79.60 9.29 -2.48	64.37 7.39 -1.43	51.29 5.72 -0.87	43.50 4.47 -0.46	39.50 3.80 -0.55

PIERCEFIELD___HYD 23852	21.37 -1.95 7.15	20.86 -1.75 6.03	20.09 -1.64 4.24	19.83 -1.63 3.58	19.73 -1.57 3.30	19.63 -1.60 3.02	19.61 -1.49 2.96	19.78 -1.46 3.43	20.04 -1.60 4.18	20.68 -1.75 5.82	21.59 -1.92 8.02	22.70 -2.17 10.78	23.82 -2.31 13.72	24.40 -2.34 15.06	25.26 -2.62 17.35	27.61 -3.48 23.27	29.18 -3.93 26.39	31.69 -4.54 32.62	61.51 -5.06 7.78	65.04 -3.87 -1.07	53.36 -2.78 -0.59	42.39 -2.68 -0.38	23.50 -2.47 12.61	22.59 -2.39 10.17
PINELAWN_CC_1 323563	44.48 3.20 -10.81	43.84 2.92 -12.28	40.29 2.65 -11.68	36.52 2.48 -9.01	33.32 2.39 -6.33	31.56 2.38 -4.94	26.35 2.29 0.00	27.18 2.52 0.00	39.24 2.87 -10.54	43.35 3.16 -11.94	41.48 3.38 -6.57	51.07 3.56 -11.86	55.54 3.27 -12.42	59.17 3.26 -14.10	60.52 3.75 -11.54	64.64 4.35 -5.93	79.65 4.94 -15.23	93.79 5.85 -19.08	95.00 5.80 -14.84	85.84 4.68 -13.33	66.73 3.78 -7.40	60.90 3.53 -12.69	53.28 3.40 -11.31	49.97 3.16 -11.65
PJM_GEN_HTP_PROXY 323702	33.03 2.56 0.00	30.93 2.29 0.00	28.07 2.10 0.00	26.98 1.95 0.00	26.53 1.92 0.00	26.12 1.87 0.00	26.01 1.95 0.00	26.76 2.10 0.00	28.25 2.43 0.00	30.96 2.71 0.00	34.78 3.25 0.00	39.11 3.46 0.00	43.12 3.27 0.00	44.90 3.09 0.00	48.81 3.57 0.00	58.82 4.46 0.00	64.14 4.64 0.00	74.16 5.30 0.00	79.48 5.13 0.00	72.87 4.28 -0.76	58.51 3.61 0.65	47.86 3.17 0.00	41.82 3.24 0.00	38.25 3.09 0.00
PJM_GEN_KEystone 24065	31.53 1.07 0.00	29.50 0.86 0.00	26.69 0.73 0.00	25.65 0.63 0.00	25.15 0.54 0.00	24.83 0.58 0.00	24.59 0.53 0.00	25.26 0.59 0.00	26.71 0.88 0.00	29.43 1.19 0.00	32.92 1.39 0.00	37.22 1.57 0.00	41.40 1.55 0.00	43.35 1.55 0.24	46.44 1.45 0.94	54.89 1.47 1.17	59.99 1.66 1.48	69.10 1.72 1.48	74.83 2.01 1.53	68.40 1.36 0.79	54.70 0.83 1.69	45.49 1.03 0.22	39.81 1.23 0.00	36.31 1.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	38.98 2.71 -5.80	37.70 2.46 -6.59	34.52 2.29 -6.27	32.00 2.13 -4.84	30.07 2.07 -3.40	28.94 2.04 -2.65	26.05 2.00 0.00	26.86 2.19 0.00	34.02 2.53 -5.66	37.45 2.80 -6.41	37.89 3.28 -3.08	43.88 3.50 -4.74	46.83 3.39 -3.59	49.48 3.30 -4.37	52.10 3.75 -3.11	58.76 4.40 0.00	65.53 4.88 -1.16	77.92 5.71 -3.35	79.93 5.58 0.00	73.14 4.55 -0.76	58.57 3.67 0.65	51.76 3.39 -3.67	46.60 3.35 -4.67	43.65 3.16 -5.33
PJM_GEN_VFT_PROXY 323633	32.91 2.44 0.00	30.79 2.15 0.00	27.94 1.97 0.00	26.86 1.83 0.00	26.43 1.82 0.00	26.02 1.77 0.00	25.94 1.88 0.00	26.69 2.02 0.00	28.18 2.35 0.00	30.87 2.63 0.00	34.71 3.18 0.00	39.00 3.35 0.00	42.92 3.07 0.00	44.61 2.80 0.00	45.01 3.21 3.44	45.01 4.08 13.43	46.95 4.16 16.71	52.46 4.75 21.14	56.93 4.46 21.88	50.16 3.73 21.40	43.81 3.22 14.97	44.35 2.86 3.20	41.66 3.09 0.00	38.14 2.99 0.00
PLATSBURG_115KV_PMLD1 355749	29.69 -0.15 0.63	28.03 -0.09 0.53	25.44 -0.16 0.37	24.47 -0.25 0.31	24.08 -0.25 0.28	23.70 -0.29 0.26	23.71 -0.10 0.25	24.45 0.07 0.30	25.67 0.21 0.36	28.19 0.45 0.50	31.46 0.63 0.70	35.49 0.78 0.95	38.80 0.16 1.21	40.65 0.17 1.32	43.80 0.09 1.53	51.00 -1.30 2.06	55.42 -1.73 2.34	63.96 -2.00 2.90	71.20 -2.38 0.77	66.34 -1.49 0.00	54.89 -0.67 0.00	43.97 -0.72 0.00	37.32 -0.15 1.10	33.52 -0.74 0.90
PLEASANTVLY___LBMP 24000	32.42 1.95 0.00	30.45 1.80 0.00	27.65 1.69 0.00	26.63 1.60 0.00	26.16 1.55 0.00	25.80 1.55 0.00	25.60 1.54 0.00	26.25 1.58 0.00	27.69 1.86 0.00	30.19 1.95 0.00	33.86 2.33 0.00	38.07 2.42 0.00	42.24 2.39 0.00	44.31 2.51 0.00	47.86 2.62 0.00	57.73 3.37 0.00	63.12 3.63 0.00	72.99 4.13 0.00	78.29 3.94 0.00	71.16 3.32 0.00	58.51 2.83 -0.12	47.06 2.37 0.00	40.93 2.35 0.00	37.44 2.28 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.81 2.35 0.00	30.76 2.12 0.00	27.91 1.95 0.00	26.86 1.83 0.00	26.38 1.77 0.00	26.02 1.77 0.00	25.86 1.80 0.00	26.54 1.87 0.00	28.02 2.20 0.00	30.64 2.40 0.00	34.40 2.87 0.00	38.68 3.03 0.00	42.84 2.99 0.00	44.90 3.09 0.00	48.54 3.30 0.00	58.55 4.19 0.00	63.95 4.46 0.00	73.95 5.10 0.00	79.26 4.91 0.00	72.04 4.21 0.00	59.17 3.50 -0.11	47.64 2.95 0.00	41.51 2.93 0.00	37.93 2.78 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	32.81 2.35 0.00	30.76 2.12 0.00	27.91 1.95 0.00	26.86 1.83 0.00	26.38 1.77 0.00	26.02 1.77 0.00	25.86 1.80 0.00	26.54 1.87 0.00	28.02 2.20 0.00	30.64 2.40 0.00	34.40 2.87 0.00	38.68 3.03 0.00	42.84 2.99 0.00	44.90 3.09 0.00	48.54 3.30 0.00	58.55 4.19 0.00	63.95 4.46 0.00	73.95 5.10 0.00	79.26 4.91 0.00	72.04 4.21 0.00	59.17 3.50 -0.11	47.64 2.95 0.00	41.51 2.93 0.00	37.93 2.78 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.75 2.29 0.00	30.73 2.09 0.00	27.91 1.95 0.00	26.86 1.83 0.00	26.36 1.75 0.00	25.99 1.75 0.00	25.77 1.71 0.00	26.39 1.73 0.00	27.87 2.04 0.00	30.39 2.15 0.00	34.12 2.59 0.00	38.39 2.75 0.00	42.64 2.79 0.00	44.82 3.01 0.00	48.44 3.21 0.00	58.60 4.24 0.00	64.07 4.58 0.00	74.23 5.37 0.00	79.63 5.28 0.00	72.38 4.54 0.00	59.40 3.72 -0.13	47.68 2.99 0.00	41.35 2.78 0.00	37.79 2.64 0.00
POLETTI_____ 23519	33.03 2.56 0.00	30.93 2.29 0.00	28.04 2.08 0.00	26.98 1.95 0.00	26.50 1.89 0.00	26.14 1.89 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.26 2.43 0.00	30.93 2.68 0.00	34.78 3.25 0.00	39.07 3.42 0.00	43.16 3.31 0.00	45.11 3.30 0.00	48.67 3.44 0.00	58.76 4.40 0.00	64.07 4.58 0.00	73.95 5.10 0.00	79.18 4.83 0.00	71.90 4.07 0.00	59.16 3.50 -0.11	47.77 3.08 0.00	41.82 3.24 0.00	38.25 3.09 0.00
POMONA___ESR 323819	32.78 2.31 0.00	30.70 2.06 0.00	27.88 1.92 0.00	26.78 1.75 0.00	26.31 1.70 0.00	25.92 1.67 0.00	25.74 1.68 0.00	26.44 1.78 0.00	27.95 2.12 0.00	30.59 2.34 0.00	34.34 2.81 0.00	38.64 2.99 0.00	42.68 2.83 0.00	44.61 2.80 0.00	48.45 3.21 0.00	58.38 4.02 0.00	63.78 4.29 0.00	73.82 4.96 0.00	79.11 4.76 0.00	71.84 4.00 0.00	58.88 3.22 -0.10	47.46 2.77 0.00	41.35 2.78 0.00	37.79 2.64 0.00
PORT_JEFF_3 23555	44.75 3.41 -10.87	44.11 3.18 -12.29	40.47 2.83 -11.68	36.60 2.55 -9.01	33.42 2.48 -6.33	31.66 2.47 -4.94	26.42 2.36 0.00	27.31 2.64 0.00	39.36 2.99 -10.54	43.57 3.39 -11.94	53.83 3.72 -18.58	94.66 3.85 -55.16	137.87 3.74 -94.27	144.62 3.64 -99.18	142.88 4.12 -93.53	149.48 4.57 -90.55	266.47 5.12 -201.86	277.32 5.99 -202.48	307.02 5.87 -226.80	276.28 4.82 -203.63	170.85 3.83 -111.46	144.62 3.71 -96.22	90.80 3.74 -48.48	52.10 3.55 -13.40
PORT_JEFF_4 23616	44.75 3.41 -10.87	44.11 3.18 -12.29	40.47 2.83 -11.68	36.60 2.55 -9.01	33.42 2.48 -6.33	31.66 2.47 -4.94	26.42 2.36 0.00	27.31 2.64 0.00	39.36 2.99 -10.54	43.57 3.39 -11.94	53.83 3.72 -18.58	94.66 3.85 -55.16	137.87 3.74 -94.27	144.62 3.64 -99.18	142.88 4.12 -93.53	149.48 4.57 -90.55	266.47 5.12 -201.86	277.32 5.99 -202.48	307.02 5.87 -226.80	276.28 4.82 -203.63	170.85 3.83 -111.46	144.62 3.71 -96.22	90.80 3.74 -48.48	52.10 3.55 -13.40

PORT_JEFF_IC 23713	44.82 3.47 -10.88	44.14 3.21 -12.29	40.50 2.86 -11.68	36.64 2.60 -9.01	33.47 2.53 -6.33	31.71 2.52 -4.94	26.54 2.48 0.00	27.28 2.61 0.00	39.44 3.07 -10.54	43.63 3.45 -11.94	55.99 3.91 -20.55	101.78 3.89 -62.25	151.39 3.87 -107.67	158.88 3.97 -113.10	156.44 4.25 -106.95	163.55 4.78 -104.40	297.25 5.35 -232.41	307.48 6.13 -232.49	341.86 6.02 -261.48	307.56 4.95 -234.77	188.05 4.00 -128.50	158.38 3.80 -109.89	97.08 3.93 -54.57	51.99 3.69 -13.14
PPL PILGRIM_ST_GT1 24216	44.70 3.41 -10.82	44.10 3.18 -12.28	40.50 2.86 -11.68	36.69 2.65 -9.01	33.52 2.58 -6.33	31.75 2.57 -4.94	26.51 2.46 0.00	27.40 2.74 0.00	39.44 3.07 -10.54	43.63 3.44 -11.94	43.75 3.85 -8.37	57.93 3.92 -18.36	68.27 3.71 -24.71	72.40 3.72 -26.88	73.33 4.25 -23.85	77.89 4.89 -18.63	108.27 5.53 -43.25	122.02 6.54 -46.62	127.48 6.47 -46.67	115.09 5.36 -41.90	82.86 4.28 -23.02	73.85 3.93 -25.23	59.55 4.09 -16.89	60.62 3.83 -21.64
PPL PILGRIM_ST_GT2 24217	44.70 3.41 -10.82	44.10 3.18 -12.28	40.50 2.86 -11.68	36.69 2.65 -9.01	33.52 2.58 -6.33	31.75 2.57 -4.94	26.51 2.46 0.00	27.40 2.74 0.00	39.44 3.07 -10.54	43.63 3.44 -11.94	43.75 3.85 -8.37	57.93 3.92 -18.36	68.27 3.71 -24.71	72.40 3.72 -26.88	73.33 4.25 -23.85	77.89 4.89 -18.63	108.27 5.53 -43.25	122.02 6.54 -46.62	127.48 6.47 -46.67	115.09 5.36 -41.90	82.86 4.28 -23.02	73.85 3.93 -25.23	59.55 4.09 -16.89	60.62 3.83 -21.64
PPL_SHRM_GT3 24213	44.75 3.41 -10.87	44.08 3.15 -12.29	40.45 2.80 -11.68	36.60 2.55 -9.01	33.40 2.46 -6.33	31.63 2.45 -4.94	26.37 2.31 0.00	27.28 2.61 0.00	39.36 2.99 -10.54	43.60 3.42 -11.94	54.36 3.97 -18.85	96.14 4.35 -56.15	140.33 4.34 -96.14	147.31 4.39 -101.11	145.57 4.93 -95.40	152.44 5.60 -92.48	271.90 6.30 -206.11	282.95 7.44 -206.65	313.48 7.51 -231.62	281.97 6.17 -207.96	174.44 5.05 -113.83	147.37 4.56 -98.12	92.04 4.13 -49.33	52.39 3.83 -13.41
PPL_SHRM_GT4 24214	44.75 3.41 -10.87	44.08 3.15 -12.29	40.45 2.80 -11.68	36.60 2.55 -9.01	33.40 2.46 -6.33	31.63 2.45 -4.94	26.37 2.31 0.00	27.28 2.61 0.00	39.36 2.99 -10.54	43.60 3.42 -11.94	54.36 3.97 -18.85	96.14 4.35 -56.15	140.33 4.34 -96.14	147.31 4.39 -101.11	145.57 4.93 -95.40	152.44 5.60 -92.48	271.90 6.30 -206.11	282.95 7.44 -206.65	313.48 7.51 -231.62	281.97 6.17 -207.96	174.44 5.05 -113.83	147.37 4.56 -98.12	92.04 4.13 -49.33	52.39 3.83 -13.41
PROJECT___ORANGE 1 24174	30.78 0.00 -0.31	28.73 -0.06 -0.15	25.72 -0.13 0.12	24.80 -0.13 0.10	24.37 -0.15 0.09	24.00 -0.17 0.08	23.81 -0.17 0.08	24.42 -0.15 0.10	25.53 -0.18 0.12	28.15 -0.06 0.04	31.63 -0.09 -0.19	36.08 0.00 -0.43	40.45 0.00 -0.60	42.33 0.00 -0.52	46.03 0.05 -0.75	55.67 0.00 -1.31	61.48 0.06 -1.93	71.41 0.14 -2.41	78.44 0.45 -3.64	71.56 0.27 -3.46	57.51 0.06 -1.90	46.05 0.13 -1.22	38.93 0.08 -0.28	35.71 0.07 -0.49
PROJECT___ORANGE 2 24166	30.78 0.00 -0.31	28.73 -0.06 -0.15	25.72 -0.13 0.12	24.80 -0.13 0.10	24.37 -0.15 0.09	24.00 -0.17 0.08	23.81 -0.17 0.08	24.42 -0.15 0.10	25.53 -0.18 0.12	28.15 -0.06 0.04	31.63 -0.09 -0.19	36.08 0.00 -0.43	40.45 0.00 -0.60	42.33 0.00 -0.52	46.03 0.05 -0.75	55.67 0.00 -1.31	61.48 0.06 -1.93	71.41 0.14 -2.41	78.44 0.45 -3.64	71.56 0.27 -3.46	57.51 0.06 -1.90	46.05 0.13 -1.22	38.93 0.08 -0.28	35.71 0.07 -0.49
PUCKETT___SOLAR 323809	32.03 1.22 -0.34	29.88 1.03 -0.21	26.79 0.83 0.00	25.78 0.75 0.00	25.30 0.69 0.00	24.98 0.73 0.00	24.71 0.65 0.00	25.28 0.62 0.00	26.47 0.65 0.00	29.17 0.85 -0.08	32.63 0.82 -0.28	37.13 1.00 -0.49	41.66 1.16 -0.66	43.86 1.42 -0.63	47.37 1.31 -0.82	57.19 1.52 -1.31	63.23 1.96 -1.78	73.42 2.34 -2.22	80.28 3.35 -2.58	73.25 3.12 -2.29	59.26 2.39 -1.32	47.51 2.01 -0.81	40.69 1.70 -0.42	37.07 1.41 -0.51
PYRITES___HYD 24023	21.60 -1.28 7.59	21.12 -1.12 6.40	20.41 -1.06 4.49	20.14 -1.10 3.79	20.03 -1.08 3.50	19.96 -1.09 3.20	19.91 -1.01 3.13	20.02 -1.01 3.64	20.23 -1.16 4.43	20.78 -1.30 6.17	21.56 -1.45 8.52	22.60 -1.60 11.45	23.64 -1.63 14.58	24.22 -1.59 16.00	24.99 -1.81 18.44	27.12 -2.50 24.74	28.63 -2.80 28.07	31.06 -3.10 34.70	62.67 -3.27 8.41	66.72 -2.10 -0.98	54.87 -1.22 -0.54	43.56 -1.47 -0.35	23.64 -1.54 13.39	22.77 -1.58 10.80
QUAKERRD_115KV_BK1 80622	30.01 -0.46 0.00	28.10 -0.54 0.00	25.31 -0.65 0.00	24.33 -0.70 0.00	23.85 -0.76 0.00	23.45 -0.80 0.00	23.24 -0.82 0.00	23.88 -0.79 0.00	25.10 -0.72 0.00	27.79 -0.45 0.00	30.84 -0.69 0.00	35.19 -0.46 0.00	39.45 -0.40 0.00	41.01 -0.79 0.00	44.65 -0.59 0.00	53.38 -0.98 0.00	58.42 -1.07 0.00	67.76 -1.10 0.00	74.13 -0.22 0.00	67.02 -0.81 0.00	54.78 -0.78 0.00	44.33 -0.36 0.00	38.11 -0.46 0.00	34.69 -0.46 0.00
QUENSBRY_115KV_TB8 356137	32.36 1.89 0.00	30.47 1.83 0.00	27.60 1.64 0.00	26.58 1.55 0.00	26.06 1.45 0.00	25.70 1.45 0.00	25.43 1.37 0.00	25.92 1.26 0.00	27.30 1.47 0.00	29.71 1.47 0.00	32.92 1.39 0.00	37.33 1.68 0.00	41.96 2.11 0.00	43.90 2.09 0.00	47.54 2.31 0.00	57.78 3.42 0.00	63.42 3.93 0.00	73.61 4.75 0.00	80.67 6.32 0.00	74.08 6.24 0.00	62.13 5.33 -1.24	48.85 4.16 0.00	41.47 2.89 0.00	37.54 2.39 0.00
RAMAPO___LBMP 323565	32.60 2.13 0.00	30.56 1.92 0.00	27.73 1.77 0.00	26.66 1.63 0.00	26.18 1.57 0.00	25.82 1.58 0.00	25.65 1.59 0.00	26.34 1.68 0.00	27.82 1.99 0.00	30.45 2.20 0.00	34.18 2.65 0.00	38.43 2.78 0.00	42.48 2.63 0.00	44.52 2.72 0.00	48.17 2.94 0.00	58.06 3.70 0.00	63.42 3.93 0.00	73.33 4.48 0.00	78.59 4.24 0.00	71.43 3.60 0.00	58.60 2.94 -0.10	47.19 2.50 0.00	41.16 2.58 0.00	37.58 2.43 0.00
RANKINE____ 23646	30.80 0.34 0.00	28.73 0.09 0.00	25.83 -0.13 0.00	24.83 -0.20 0.00	24.29 -0.32 0.00	23.91 -0.34 0.00	23.65 -0.41 0.00	24.32 -0.35 0.00	25.62 -0.21 0.00	28.64 0.40 0.00	31.72 0.19 0.00	36.29 0.64 0.00	40.65 0.80 0.00	41.72 -0.08 0.00	45.73 0.50 0.00	54.03 -0.33 0.00	59.13 -0.36 0.00	68.31 -0.55 0.00	74.95 0.59 0.00	67.56 -0.27 0.00	54.83 -0.72 0.00	44.78 0.09 0.00	38.65 0.08 0.00	35.26 0.11 0.00
RAVENSWOOD_GT2_1 24244	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.74 2.07 0.00	28.26 2.43 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.07 3.42 0.00	43.20 3.35 0.00	45.15 3.34 0.00	48.67 3.44 0.00	58.76 4.40 0.00	64.07 4.58 0.00	73.95 5.10 0.00	79.18 4.83 0.00	71.97 4.14 0.00	59.22 3.56 -0.11	47.82 3.13 0.00	41.89 3.32 0.00	38.28 3.13 0.00
RAVENSWOOD_GT2_2 24245	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.74 2.07 0.00	28.26 2.43 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.07 3.42 0.00	43.20 3.35 0.00	45.15 3.34 0.00	48.67 3.44 0.00	58.76 4.40 0.00	64.07 4.58 0.00	73.95 5.10 0.00	79.18 4.83 0.00	71.97 4.14 0.00	59.22 3.56 -0.11	47.82 3.13 0.00	41.89 3.32 0.00	38.28 3.13 0.00

RAVENSWOOD_GT2_3 24246	33.06 2.59 0.00	30.99 2.35 0.00	28.09 2.13 0.00	27.01 1.98 0.00	26.55 1.94 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.28 2.45 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.20 3.35 0.00	45.19 3.39 0.00	48.72 3.48 0.00	58.82 4.46 0.00	64.13 4.64 0.00	74.02 5.16 0.00	79.26 4.91 0.00	71.97 4.14 0.00	59.28 3.61 -0.11	47.82 3.13 0.00	41.89 3.32 0.00	38.32 3.16 0.00
RAVENSWOOD_GT2_4 24247	33.06 2.59 0.00	30.99 2.35 0.00	28.09 2.13 0.00	27.01 1.98 0.00	26.55 1.94 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.28 2.45 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.20 3.35 0.00	45.19 3.39 0.00	48.72 3.48 0.00	58.82 4.46 0.00	64.13 4.64 0.00	74.02 5.16 0.00	79.26 4.91 0.00	71.97 4.14 0.00	59.28 3.61 -0.11	47.82 3.13 0.00	41.89 3.32 0.00	38.32 3.16 0.00
RAVENSWOOD_GT3_1 24248	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.26 2.43 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.20 3.35 0.00	45.15 3.34 0.00	48.72 3.48 0.00	58.76 4.40 0.00	64.07 4.58 0.00	73.95 5.10 0.00	79.26 4.91 0.00	71.97 4.14 0.00	59.22 3.56 -0.11	47.82 3.13 0.00	41.89 3.32 0.00	38.32 3.16 0.00
RAVENSWOOD_GT3_2 24249	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.26 2.43 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.20 3.35 0.00	45.15 3.34 0.00	48.72 3.48 0.00	58.76 4.40 0.00	64.07 4.58 0.00	73.95 5.10 0.00	79.26 4.91 0.00	71.97 4.14 0.00	59.22 3.56 -0.11	47.82 3.13 0.00	41.89 3.32 0.00	38.32 3.16 0.00
RAVENSWOOD_GT3_3 24250	33.12 2.65 0.00	31.02 2.38 0.00	28.12 2.15 0.00	27.03 2.00 0.00	26.58 1.97 0.00	26.19 1.94 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.31 2.48 0.00	31.01 2.77 0.00	34.87 3.34 0.00	39.18 3.53 0.00	43.28 3.43 0.00	45.23 3.43 0.00	48.81 3.57 0.00	58.93 4.57 0.00	64.19 4.70 0.00	74.09 5.23 0.00	79.41 5.06 0.00	72.11 4.27 0.00	59.33 3.67 -0.11	47.91 3.22 0.00	41.97 3.39 0.00	38.35 3.20 0.00
RAVENSWOOD_GT3_4 24251	33.12 2.65 0.00	31.02 2.38 0.00	28.12 2.15 0.00	27.03 2.00 0.00	26.58 1.97 0.00	26.19 1.94 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.31 2.48 0.00	31.01 2.77 0.00	34.87 3.34 0.00	39.18 3.53 0.00	43.28 3.43 0.00	45.23 3.43 0.00	48.81 3.57 0.00	58.93 4.57 0.00	64.19 4.70 0.00	74.09 5.23 0.00	79.41 5.06 0.00	72.11 4.27 0.00	59.33 3.67 -0.11	47.91 3.22 0.00	41.97 3.39 0.00	38.35 3.20 0.00
RAVENSWOOD_GT_1 23729	33.18 2.71 0.00	31.08 2.43 0.00	28.17 2.21 0.00	27.08 2.05 0.00	26.60 1.99 0.00	26.19 1.94 0.00	26.06 2.00 0.00	26.79 2.12 0.00	28.31 2.48 0.00	31.01 2.77 0.00	34.90 3.37 0.00	39.18 3.53 0.00	43.20 3.35 0.00	45.15 3.34 0.00	48.53 3.30 0.01	57.51 4.29 1.15	61.53 4.52 2.48	70.82 4.96 2.99	79.03 4.68 0.01	70.34 3.93 1.43	56.59 3.39 2.35	47.77 3.08 0.00	42.05 3.47 0.00	38.50 3.34 -0.01
RAVENSWOOD_GT_10 24258	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.26 2.43 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.20 3.35 0.00	45.15 3.34 0.00	48.72 3.48 0.00	58.82 4.46 0.00	64.07 4.58 0.00	73.95 5.10 0.00	79.26 4.91 0.00	71.97 4.14 0.00	59.22 3.56 -0.11	47.82 3.13 0.00	41.89 3.32 0.00	38.28 3.13 0.00
RAVENSWOOD_GT_11 24259	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.26 2.43 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.20 3.35 0.00	45.15 3.34 0.00	48.72 3.48 0.00	58.82 4.46 0.00	64.07 4.58 0.00	73.95 5.10 0.00	79.26 4.91 0.00	71.97 4.14 0.00	59.22 3.56 -0.11	47.82 3.13 0.00	41.89 3.32 0.00	38.28 3.13 0.00
RAVENSWOOD_GT_4 24252	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.28 2.45 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.20 3.35 0.00	45.19 3.39 0.00	48.76 3.53 0.00	58.00 4.51 0.87	62.24 4.64 1.89	71.74 5.16 2.28	79.33 4.98 0.00	70.95 4.21 1.09	57.40 3.61 1.76	47.86 3.17 0.00	41.86 3.28 0.00	38.27 3.13 0.01
RAVENSWOOD_GT_5 24254	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.28 2.45 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.20 3.35 0.00	45.19 3.39 0.00	48.76 3.53 0.00	58.00 4.51 0.87	62.24 4.64 1.89	71.74 5.16 2.28	79.33 4.98 0.00	70.95 4.21 1.09	57.40 3.61 1.76	47.86 3.17 0.00	41.86 3.28 0.00	38.27 3.13 0.01
RAVENSWOOD_GT_6 24253	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.28 2.45 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.20 3.35 0.00	45.19 3.39 0.00	48.76 3.53 0.00	58.00 4.51 0.87	62.24 4.64 1.89	71.74 5.16 2.28	79.33 4.98 0.00	70.95 4.21 1.09	57.40 3.61 1.76	47.86 3.17 0.00	41.86 3.28 0.00	38.27 3.13 0.01
RAVENSWOOD_GT_7 24255	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.28 2.45 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.20 3.35 0.00	45.19 3.39 0.00	48.76 3.53 0.00	58.00 4.51 0.87	62.24 4.64 1.89	71.74 5.16 2.28	79.33 4.98 0.00	70.95 4.21 1.09	57.40 3.61 1.76	47.86 3.17 0.00	41.86 3.28 0.00	38.27 3.13 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.26 2.43 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.20 3.35 0.00	45.15 3.34 0.00	48.72 3.48 0.00	58.82 4.46 0.00	64.07 4.58 0.00	73.95 5.10 0.00	79.26 4.91 0.00	71.97 4.14 0.00	59.22 3.56 -0.11	47.82 3.13 0.00	41.89 3.32 0.00	38.28 3.13 0.00
RAVENSWOOD_GT_9 24257	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.26 2.43 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.11 3.46 0.00	43.20 3.35 0.00	45.15 3.34 0.00	48.72 3.48 0.00	58.82 4.46 0.00	64.07 4.58 0.00	73.95 5.10 0.00	79.26 4.91 0.00	71.97 4.14 0.00	59.22 3.56 -0.11	47.82 3.13 0.00	41.89 3.32 0.00	38.28 3.13 0.00

RAVENSWOOD___1 23533	33.15 2.68 0.00	31.05 2.41 0.00	28.17 2.21 0.00	27.06 2.03 0.00	26.58 1.97 0.00	26.12 1.87 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.25 2.43 0.00	30.98 2.74 0.00	34.84 3.31 0.00	39.18 3.53 0.00	43.04 3.19 0.00	44.77 2.97 0.00	48.53 3.30 0.01	55.65 4.24 2.95	57.50 4.40 6.39	66.04 4.89 7.71	78.96 4.61 0.01	68.02 3.86 3.67	53.29 3.33 5.59	47.77 3.08 0.00	42.01 3.43 0.00	38.46 3.30 -0.01
RAVENSWOOD___2 23534	33.06 2.59 0.00	30.96 2.32 0.00	28.12 2.15 0.00	26.98 1.95 0.00	26.53 1.92 0.00	26.07 1.82 0.00	25.96 1.90 0.00	26.71 2.05 0.00	28.20 2.37 0.00	30.90 2.65 0.00	34.78 3.25 0.00	39.07 3.42 0.00	42.96 3.11 0.00	44.69 2.88 0.00	48.26 3.03 0.01	55.11 3.75 2.99	56.86 3.86 6.49	65.37 4.34 7.83	78.28 3.94 0.01	67.43 3.32 3.73	52.76 2.89 5.68	47.59 2.90 0.00	41.93 3.35 0.00	38.39 3.23 -0.01
RAVENSWOOD___3 23535	33.06 2.59 0.00	30.96 2.32 0.00	28.09 2.13 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.14 1.89 0.00	26.03 1.97 0.00	26.76 2.10 0.00	28.25 2.43 0.00	30.96 2.71 0.00	34.78 3.25 0.00	39.11 3.46 0.00	43.12 3.27 0.00	44.86 3.05 0.00	48.72 3.48 0.00	58.76 4.40 4.52	64.01 4.52 5.10	73.95 5.10 4.91	79.26 4.91 4.14	71.97 4.14 3.56	59.22 3.56 3.17	47.86 3.17 3.32	41.89 3.32 0.00	38.32 3.16 0.00
RAVENSWOOD___4 23820	33.12 2.65 0.00	31.02 2.38 0.00	28.14 2.18 0.00	27.03 2.00 0.00	26.55 1.94 0.00	26.12 1.87 0.00	26.01 1.95 0.00	26.76 2.10 0.00	28.25 2.43 0.00	30.96 2.71 0.00	34.81 3.28 0.00	39.15 3.50 0.00	43.04 3.19 0.00	44.77 2.97 0.00	48.48 3.26 0.01	53.77 4.19 4.77	53.48 4.34 10.35	61.26 4.89 12.49	78.88 4.54 0.01	65.75 3.86 5.95	50.00 3.33 8.88	47.77 3.08 0.00	41.97 3.40 0.00	38.43 3.27 -0.01
RCPL_TRUST___DRP 24196	33.09 2.62 0.00	30.99 2.35 0.00	28.09 2.13 0.00	27.03 2.00 0.00	26.58 1.97 0.00	26.19 1.94 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.31 2.48 0.00	31.01 2.77 0.00	34.87 3.34 0.00	39.18 3.53 0.00	43.32 3.47 0.00	45.28 3.47 0.00	48.90 3.66 0.00	58.98 4.62 0.00	64.37 4.88 0.00	74.30 5.44 0.00	79.63 5.28 0.00	72.24 4.41 0.00	59.39 3.72 -0.11	47.95 3.26 0.00	41.93 3.36 0.00	38.32 3.16 0.00
RED___ROCHESTER 323720	30.90 0.43 0.00	28.87 0.23 0.00	25.99 0.03 0.00	24.95 -0.07 0.00	24.44 -0.17 0.00	24.08 -0.17 0.00	23.79 -0.26 0.00	24.47 -0.20 0.00	25.80 -0.03 0.00	28.58 0.34 0.00	31.78 0.25 0.00	36.22 0.57 0.00	40.89 1.03 0.00	43.06 1.25 0.00	46.00 0.77 0.00	54.90 0.54 0.00	60.26 0.77 0.00	69.55 0.69 0.00	76.28 1.93 0.00	68.85 1.02 0.00	56.39 0.83 0.00	45.67 0.98 0.00	39.27 0.70 0.00	35.75 0.60 0.00
REGAN___SOLAR 323812	34.34 3.87 0.00	32.31 3.67 0.00	29.10 3.14 0.00	28.01 2.98 0.00	27.36 2.76 0.00	26.99 2.74 0.00	26.68 2.62 0.00	27.09 2.42 0.00	28.54 2.71 0.00	31.21 2.96 0.00	34.78 3.25 0.00	39.36 3.71 0.00	44.23 4.38 0.00	46.49 4.68 0.00	50.57 5.33 0.00	61.59 7.23 0.00	68.00 8.51 0.00	79.39 10.54 0.00	88.11 13.75 0.00	80.73 12.89 0.00	67.16 10.44 -1.17	52.78 8.09 0.00	44.63 6.06 0.00	40.04 4.88 0.00
RENSSELAER___COGEN 23796	31.11 0.64 0.00	29.42 0.77 0.00	26.87 0.91 0.00	25.96 0.93 0.00	25.54 0.93 0.00	25.17 0.92 0.00	24.92 0.86 0.00	25.46 0.79 0.00	26.55 0.72 0.00	28.84 0.59 0.00	32.00 0.47 0.00	36.15 0.50 0.00	40.25 0.40 0.00	42.18 0.38 0.00	45.82 0.59 0.00	55.39 1.03 0.00	60.62 1.13 0.00	70.31 1.45 0.00	75.76 1.41 0.00	69.12 1.29 0.00	57.38 1.17 -0.66	45.63 0.94 0.00	39.27 0.70 0.00	35.85 0.70 0.00
REPUBLIC_115KV_BARTNBK 55605	34.34 3.87 0.00	32.37 3.72 0.00	29.21 3.25 0.00	28.11 3.08 0.00	27.46 2.85 0.00	27.09 2.84 0.00	26.80 2.74 0.00	27.26 2.59 0.00	28.82 3.00 0.00	31.46 3.22 0.00	34.90 3.37 0.00	39.68 4.03 0.00	44.79 4.94 0.00	46.82 5.02 0.00	50.75 5.52 0.00	61.92 7.56 0.00	68.30 8.80 0.00	79.19 10.33 0.00	87.44 13.09 0.00	80.59 12.75 0.00	67.46 10.67 -1.24	53.00 8.31 0.00	44.44 5.86 0.00	39.97 4.82 0.00
REVERE_CPPR_DRP 24186	31.29 1.19 0.36	29.31 1.03 0.36	26.49 0.88 0.36	25.53 0.80 0.30	25.09 0.76 0.28	24.77 0.78 0.26	24.50 0.70 0.25	24.99 0.62 0.29	26.09 0.62 0.36	28.57 0.76 0.44	31.77 0.73 0.48	36.08 1.00 0.57	40.27 1.12 0.70	42.32 1.34 0.83	45.84 1.49 0.88	55.28 1.96 1.04	60.85 2.32 0.96	70.64 2.96 1.18	79.42 3.87 -1.20	73.45 3.87 -1.74	59.62 3.11 -0.96	47.67 2.37 -0.62	39.58 1.77 0.77	36.20 1.55 0.49
REYNOLDS_115KV_TB3 80639	31.41 0.94 0.00	29.67 1.03 0.00	27.08 1.12 0.00	26.13 1.10 0.00	25.69 1.08 0.00	25.34 1.09 0.00	25.07 1.01 0.00	25.60 0.94 0.00	26.76 0.93 0.00	29.03 0.79 0.00	32.35 0.82 0.00	36.51 0.86 0.00	40.69 0.84 0.00	42.81 1.04 0.00	46.27 1.04 0.00	55.99 1.63 0.00	61.28 1.78 0.00	70.99 2.13 0.00	76.43 2.08 0.00	69.73 1.90 0.00	57.96 1.67 -0.74	46.03 1.34 0.00	39.62 1.04 0.00	36.24 1.09 0.00
RIVERBAY____ 323610	33.55 3.08 0.00	31.45 2.81 0.00	28.51 2.54 0.00	27.36 2.33 0.00	26.87 2.26 0.00	26.36 2.11 0.00	26.20 2.14 0.00	26.91 2.24 0.00	28.36 2.53 0.00	31.12 2.88 0.00	35.06 3.53 0.00	39.32 3.67 0.00	43.40 3.55 0.00	45.32 3.51 0.00	48.71 3.48 0.01	59.19 4.84 0.01	64.60 5.12 0.01	74.43 5.58 0.01	79.70 5.35 0.01	72.37 4.54 0.01	59.55 3.89 -0.10	48.00 3.31 0.00	42.39 3.82 0.00	38.89 3.73 -0.01
RIVERSDE_115KV_TB3 55908	31.32 0.85 0.00	29.59 0.95 0.00	27.03 1.06 0.00	26.08 1.05 0.00	25.64 1.03 0.00	25.29 1.04 0.00	25.04 0.99 0.00	25.55 0.89 0.00	26.71 0.88 0.00	28.98 0.73 0.00	32.26 0.73 0.00	36.43 0.78 0.00	40.61 0.76 0.00	42.73 0.92 0.00	46.18 0.95 0.00	55.83 1.47 0.00	61.16 1.67 0.00	70.85 2.00 0.00	76.36 2.01 0.00	69.67 1.83 0.00	57.91 1.61 -0.75	45.94 1.25 0.00	39.54 0.96 0.00	36.14 0.98 0.00
ROARING___BROOK_WT_PWR 323790	30.29 -0.36 -0.19	28.46 -0.34 -0.16	25.73 -0.34 -0.11	24.80 -0.33 -0.09	24.37 -0.32 -0.09	24.04 -0.29 -0.08	23.87 -0.26 -0.08	24.53 -0.22 -0.09	25.70 -0.23 -0.11	28.17 -0.23 -0.15	31.49 -0.25 -0.21	35.65 -0.29 -0.28	39.89 -0.32 -0.36	41.83 -0.38 -0.40	45.28 -0.41 -0.46	54.43 -0.54 -0.62	59.60 -0.59 -0.70	69.04 -0.69 -0.87	73.84 -0.74 -0.23	67.22 -0.61 0.00	55.05 -0.50 0.00	44.16 -0.53 0.00	38.29 -0.62 -0.33	34.75 -0.67 -0.27
ROCHESRG_115KV_T4 355643	30.53 0.06 0.00	28.53 -0.11 0.00	25.70 -0.26 0.00	24.70 -0.33 0.00	24.22 -0.39 0.00	23.79 -0.46 0.00	23.58 -0.48 0.00	24.22 -0.44 0.00	25.47 -0.36 0.00	28.27 0.03 0.00	31.31 -0.22 0.00	35.76 0.11 0.00	40.09 0.24 0.00	41.56 -0.25 0.00	45.28 0.05 0.00	54.03 -0.33 0.00	59.08 -0.42 0.00	68.51 -0.34 0.00	75.02 0.67 0.00	67.83 0.00 0.00	55.44 -0.11 0.00	44.91 0.22 0.00	38.65 0.08 0.00	35.19 0.04 0.00

ROCHESTER_9_IC 23652	30.71 0.24 0.00	28.73 0.09 0.00	25.86 -0.10 0.00	24.83 -0.20 0.00	24.34 -0.27 0.00	23.91 -0.34 0.00	23.70 -0.36 0.00	24.35 -0.32 0.00	25.62 -0.21 0.00	28.44 0.20 0.00	31.50 -0.03 0.00	36.01 0.36 0.00	40.41 0.56 0.00	41.89 0.08 0.00	45.64 0.41 0.00	54.47 0.11 0.00	59.55 0.06 0.00	69.13 0.28 0.00	75.69 1.34 0.00	68.38 0.54 0.00	55.94 0.39 0.00	45.32 0.63 0.00	39.00 0.42 0.00	35.47 0.32 0.00
ROCKVIEW_13_KV_LD 356306	33.06 2.59 0.00	30.96 2.32 0.00	28.07 2.10 0.00	27.01 1.98 0.00	26.53 1.92 0.00	26.16 1.92 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.23 2.40 0.00	30.90 2.65 0.00	34.71 3.18 0.00	39.00 3.35 0.00	43.20 3.35 0.00	45.23 3.43 0.00	48.90 3.66 0.00	58.98 4.62 0.00	64.43 4.94 0.00	74.44 5.58 0.00	79.78 5.43 0.00	72.45 4.61 0.00	59.50 3.83 -0.11	48.00 3.31 0.00	41.82 3.24 0.00	38.21 3.06 0.00
ROME____115KV_TB2 80656	31.29 1.19 0.36	29.31 1.03 0.36	26.49 0.88 0.36	25.53 0.80 0.30	25.09 0.76 0.28	24.77 0.78 0.26	24.50 0.70 0.25	24.99 0.62 0.29	26.09 0.62 0.36	28.57 0.76 0.44	31.77 0.73 0.48	36.08 1.00 0.57	40.27 1.12 0.70	42.32 1.34 0.83	45.84 1.49 0.88	55.28 1.96 1.04	60.85 2.32 0.96	70.64 2.96 1.18	79.42 3.87 -1.20	73.45 3.87 -1.74	59.62 3.11 -0.96	47.67 2.37 -0.62	39.58 1.77 0.77	36.20 1.55 0.49
ROSETON____1 23587	32.36 1.89 0.00	30.36 1.72 0.00	27.60 1.64 0.00	26.56 1.53 0.00	26.09 1.48 0.00	25.70 1.45 0.00	25.53 1.47 0.00	26.20 1.53 0.00	27.58 1.76 0.00	30.14 1.89 0.00	33.77 2.24 0.00	38.04 2.39 0.00	42.08 2.23 0.00	43.98 2.17 0.00	47.76 2.53 0.00	57.57 3.21 0.00	62.88 3.39 0.00	72.78 3.92 0.00	78.07 3.72 0.00	71.02 3.19 0.00	58.27 2.61 -0.11	46.97 2.28 0.00	40.85 2.28 0.00	37.33 2.18 0.00
ROSETON____2 23588	32.36 1.89 0.00	30.36 1.72 0.00	27.60 1.64 0.00	26.56 1.53 0.00	26.09 1.48 0.00	25.70 1.45 0.00	25.53 1.47 0.00	26.20 1.53 0.00	27.58 1.76 0.00	30.14 1.89 0.00	33.77 2.24 0.00	38.04 2.39 0.00	42.08 2.23 0.00	43.98 2.17 0.00	47.76 2.53 0.00	57.57 3.21 0.00	62.88 3.39 0.00	72.78 3.92 0.00	78.07 3.72 0.00	71.02 3.19 0.00	58.27 2.61 -0.11	46.97 2.28 0.00	40.85 2.28 0.00	37.33 2.18 0.00
ROTTDRAM_115KV_TB3 80664	31.69 1.22 0.00	29.82 1.17 0.00	27.05 1.09 0.00	26.08 1.05 0.00	25.62 1.01 0.00	25.24 0.99 0.00	25.00 0.94 0.00	25.55 0.89 0.00	26.81 0.98 0.00	29.20 0.96 0.00	32.60 1.07 0.00	36.86 1.21 0.00	41.13 1.28 0.00	43.19 1.38 0.00	46.73 1.49 0.00	56.43 2.07 0.00	61.81 2.32 0.00	71.61 2.75 0.00	77.47 3.12 0.00	70.75 2.92 0.00	59.39 2.50 -1.34	46.70 2.01 0.00	40.16 1.58 0.00	36.59 1.44 0.00
RUSSELL____1 23602	30.90 0.43 0.00	28.87 0.23 0.00	25.96 0.00 0.00	24.95 -0.08 0.00	24.44 -0.17 0.00	24.01 -0.24 0.00	23.79 -0.26 0.00	24.47 -0.20 0.00	25.75 -0.08 0.00	28.58 0.34 0.00	31.69 0.16 0.00	36.22 0.57 0.00	40.65 0.80 0.00	42.18 0.38 0.00	46.00 0.77 0.00	54.90 0.54 0.00	59.97 0.48 0.00	69.55 0.69 0.00	76.29 1.93 0.00	68.85 1.02 0.00	56.33 0.78 0.00	45.67 0.98 0.00	39.27 0.69 0.00	35.71 0.56 0.00
RUSSELL____2 23532	30.90 0.43 0.00	28.87 0.23 0.00	25.96 0.00 0.00	24.95 -0.08 0.00	24.44 -0.17 0.00	24.01 -0.24 0.00	23.79 -0.26 0.00	24.47 -0.20 0.00	25.75 -0.08 0.00	28.58 0.34 0.00	31.69 0.16 0.00	36.22 0.57 0.00	40.65 0.80 0.00	42.18 0.38 0.00	46.00 0.77 0.00	54.90 0.54 0.00	59.97 0.48 0.00	69.55 0.69 0.00	76.29 1.93 0.00	68.85 1.02 0.00	56.33 0.78 0.00	45.67 0.98 0.00	39.27 0.69 0.00	35.71 0.56 0.00
RUSSELL____3 23549	30.90 0.43 0.00	28.87 0.23 0.00	25.96 0.00 0.00	24.95 -0.08 0.00	24.44 -0.17 0.00	24.01 -0.24 0.00	23.79 -0.26 0.00	24.47 -0.20 0.00	25.75 -0.08 0.00	28.58 0.34 0.00	31.69 0.16 0.00	36.22 0.57 0.00	40.65 0.80 0.00	42.18 0.38 0.00	46.00 0.77 0.00	54.90 0.54 0.00	59.97 0.48 0.00	69.55 0.69 0.00	76.29 1.93 0.00	68.85 1.02 0.00	56.33 0.78 0.00	45.67 0.98 0.00	39.27 0.69 0.00	35.71 0.56 0.00
RUSSELL____4 23556	30.90 0.43 0.00	28.87 0.23 0.00	25.96 0.00 0.00	24.95 -0.08 0.00	24.44 -0.17 0.00	24.01 -0.24 0.00	23.79 -0.26 0.00	24.47 -0.20 0.00	25.75 -0.08 0.00	28.58 0.34 0.00	31.69 0.16 0.00	36.22 0.57 0.00	40.65 0.80 0.00	42.18 0.38 0.00	46.00 0.77 0.00	54.90 0.54 0.00	59.97 0.48 0.00	69.55 0.69 0.00	76.29 1.93 0.00	68.85 1.02 0.00	56.33 0.78 0.00	45.67 0.98 0.00	39.27 0.69 0.00	35.71 0.56 0.00
RUSSELL____STATION 23914	30.90 0.43 0.00	28.87 0.23 0.00	25.96 0.00 0.00	24.95 -0.08 0.00	24.44 -0.17 0.00	24.01 -0.24 0.00	23.79 -0.26 0.00	24.47 -0.20 0.00	25.75 -0.08 0.00	28.58 0.34 0.00	31.69 0.16 0.00	36.22 0.57 0.00	40.65 0.80 0.00	42.18 0.38 0.00	46.00 0.77 0.00	54.90 0.54 0.00	59.97 0.48 0.00	69.55 0.69 0.00	76.29 1.93 0.00	68.85 1.02 0.00	56.33 0.78 0.00	45.67 0.98 0.00	39.27 0.69 0.00	35.71 0.56 0.00
S SALMON____HYD 24043	30.51 -0.40 -0.44	28.28 -0.46 -0.10	25.05 -0.47 0.45	24.17 -0.48 0.38	23.77 -0.49 0.35	23.42 -0.51 0.32	23.19 -0.55 0.32	23.71 -0.59 0.37	24.71 -0.67 0.45	27.24 -0.68 0.33	30.87 -0.79 -0.12	35.46 -0.75 -0.56	39.94 -0.76 -0.85	41.75 -0.67 -0.61	45.20 -1.09 -1.05	55.13 -1.36 -2.12	61.75 -1.19 -3.45	71.95 -1.24 -4.33	81.86 -0.74 -8.25	75.54 -0.47 -8.18	59.60 -0.45 -4.49	47.27 -0.31 -2.89	38.45 -0.27 -0.14	35.56 -0.32 -0.72
S.PERRY__115KV_TB1 80734	32.02 1.55 0.00	29.87 1.23 0.00	26.82 0.86 0.00	25.75 0.73 0.00	25.22 0.62 0.00	24.78 0.53 0.00	24.47 0.41 0.00	24.96 0.30 0.00	25.98 0.15 0.00	28.72 0.48 0.00	31.72 0.19 0.00	36.15 0.50 0.00	39.25 -0.60 0.00	40.76 -1.05 0.00	44.46 -0.77 0.00	53.00 -1.36 0.00	58.18 -1.31 0.00	68.03 -0.83 0.00	75.69 1.34 0.00	69.12 1.29 0.00	56.61 1.06 0.00	45.99 1.30 0.00	40.77 2.20 0.00	36.91 1.76 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.47 0.00 0.00	28.41 -0.23 0.00	25.57 -0.39 0.00	24.58 -0.45 0.00	24.04 -0.57 0.00	23.67 -0.58 0.00	23.41 -0.65 0.00	24.07 -0.59 0.00	25.34 -0.49 0.00	28.30 0.06 0.00	31.31 -0.22 0.00	35.83 0.18 0.00	40.13 0.28 0.00	41.14 -0.67 0.00	45.05 -0.18 0.00	53.22 -1.14 0.00	58.24 -1.25 0.00	67.34 -1.51 0.00	73.98 -0.37 0.00	66.61 -1.22 0.00	54.17 -1.39 0.00	44.29 -0.40 0.00	38.19 -0.39 0.00	34.87 -0.28 0.00
SAWYER____23_KV_LOAD 55526	30.47 0.00 0.00	28.41 -0.23 0.00	25.57 -0.39 0.00	24.58 -0.45 0.00	24.04 -0.57 0.00	23.67 -0.58 0.00	23.41 -0.65 0.00	24.07 -0.59 0.00	25.34 -0.49 0.00	28.30 0.06 0.00	31.31 -0.22 0.00	35.83 0.18 0.00	40.13 0.28 0.00	41.14 -0.67 0.00	45.05 -0.18 0.00	53.22 -1.14 0.00	58.24 -1.25 0.00	67.34 -1.51 0.00	73.98 -0.37 0.00	66.61 -1.22 0.00	54.17 -1.39 0.00	44.29 -0.40 0.00	38.19 -0.39 0.00	34.87 -0.28 0.00

SELKIRK___I 23801	31.32 0.85 0.00	29.70 1.06 0.00	27.05 1.09 0.00	26.13 1.10 0.00	25.67 1.06 0.00	25.31 1.07 0.00	25.05 0.99 0.00	25.53 0.86 0.00	26.63 0.80 0.00	28.89 0.65 0.00	31.97 0.44 0.00	36.11 0.46 0.00	40.29 0.44 0.00	42.18 0.38 0.00	45.82 0.59 0.00	55.39 1.03 0.00	60.74 1.25 0.00	70.51 1.65 0.00	76.21 1.86 0.00	69.67 1.83 0.00	57.65 1.61 -0.48	45.99 1.30 0.00	39.54 0.96 0.00	36.10 0.95 0.00
SELKIRK___II 23799	31.05 0.58 0.00	29.50 0.86 0.00	26.90 0.93 0.00	25.96 0.93 0.00	25.54 0.93 0.00	25.17 0.92 0.00	24.92 0.86 0.00	25.48 0.81 0.00	26.60 0.77 0.00	28.95 0.71 0.00	31.97 0.44 0.00	36.08 0.43 0.00	40.21 0.36 0.00	42.10 0.29 0.00	45.73 0.50 0.00	55.23 0.87 0.00	60.44 0.95 0.00	70.03 1.17 0.00	75.47 1.12 0.00	68.85 1.02 0.00	57.02 0.94 -0.52	45.45 0.76 0.00	39.19 0.62 0.00	35.79 0.63 0.00
SENECA OSWGO___HYD 24041	31.66 -0.27 -1.46	29.18 -0.31 -0.86	25.48 -0.34 0.14	24.58 -0.33 0.12	24.15 -0.34 0.11	23.81 -0.34 0.10	23.60 -0.36 0.10	24.21 -0.35 0.11	25.30 -0.39 0.14	28.13 -0.34 -0.22	32.24 -0.41 -1.12	37.33 -0.39 -2.07	42.31 -0.36 -2.82	44.20 -0.25 -2.64	48.28 -0.50 -3.54	59.47 -0.65 -5.76	66.97 -0.54 -8.01	78.24 -0.62 -10.00	86.70 -0.30 -12.64	78.99 -0.34 -11.49	61.41 -0.45 -6.31	48.48 -0.27 -4.06	40.03 -0.23 -1.69	37.14 -0.24 -2.23
SENECA___115KV_TB3 355854	30.86 0.40 0.00	28.78 0.14 0.00	25.89 -0.08 0.00	24.85 -0.18 0.00	24.34 -0.27 0.00	23.96 -0.29 0.00	23.70 -0.36 0.00	24.37 -0.30 0.00	25.65 -0.18 0.00	28.67 0.42 0.00	31.78 0.25 0.00	36.36 0.71 0.00	40.73 0.88 0.00	41.81 0.00 0.00	45.82 0.59 0.00	54.14 -0.22 0.00	59.31 -0.18 0.00	68.44 -0.41 0.00	75.10 0.74 0.00	67.70 -0.14 0.00	54.94 -0.61 0.00	44.87 0.18 0.00	38.73 0.15 0.00	35.33 0.18 0.00
SENECA___ENERGY 23797	31.25 0.24 -0.54	29.09 0.14 -0.31	25.88 0.00 0.08	24.91 -0.05 0.07	24.45 -0.10 0.06	24.10 -0.10 0.06	23.88 -0.12 0.06	24.50 -0.10 0.06	25.70 -0.05 0.08	28.44 0.14 -0.05	32.03 0.09 -0.40	36.63 0.22 -0.76	41.37 0.48 -1.04	43.48 0.71 -0.96	46.99 0.45 -1.31	56.84 0.33 -2.16	63.24 0.72 -3.03	73.47 0.83 -3.79	81.10 1.78 -4.97	73.62 1.22 -4.56	58.78 0.72 -2.50	47.02 0.71 -1.61	39.71 0.54 -0.60	36.37 0.39 -0.83
SHOEMAKER___GT 23640	32.24 1.77 0.00	30.24 1.60 0.00	27.47 1.51 0.00	26.40 1.38 0.00	25.94 1.33 0.00	25.56 1.31 0.00	25.33 1.27 0.00	26.00 1.33 0.00	27.38 1.55 0.00	29.91 1.67 0.00	33.52 1.99 0.00	37.75 2.10 0.00	41.88 2.03 0.00	43.85 2.05 0.00	47.58 2.35 0.00	57.40 3.04 0.00	62.70 3.21 0.00	72.71 3.85 0.00	78.14 3.79 0.00	71.09 3.26 0.00	58.32 2.67 -0.10	46.88 2.19 0.00	40.70 2.12 0.00	37.15 2.00 0.00
SHOEMAKR_138KV_BK 111 55601	32.24 1.77 0.00	30.25 1.60 0.00	27.44 1.48 0.00	26.41 1.38 0.00	25.94 1.33 0.00	25.56 1.31 0.00	25.36 1.30 0.00	26.00 1.33 0.00	27.40 1.58 0.00	29.94 1.69 0.00	33.55 2.02 0.00	37.79 2.14 0.00	41.96 2.11 0.00	44.02 2.22 0.00	47.59 2.35 0.00	57.40 3.04 0.00	62.76 3.27 0.00	72.64 3.79 0.00	78.07 3.72 0.00	71.02 3.19 0.00	58.26 2.61 -0.10	46.88 2.19 0.00	40.70 2.12 0.00	37.16 2.00 0.00
SHOREHAM_IC_1 23715	44.75 3.41 -10.87	44.08 3.15 -12.29	40.45 2.80 -11.68	36.60 2.55 -9.01	33.40 2.46 -6.33	31.63 2.45 -4.94	26.37 2.31 0.00	27.28 2.61 0.00	39.36 2.99 -10.54	43.60 3.42 -11.94	54.36 3.97 -18.85	96.14 4.35 -56.15	140.33 4.34 -96.14	147.31 4.39 -101.11	145.57 4.93 -95.40	152.44 5.60 -92.48	271.90 6.30 -206.11	282.95 7.44 -206.65	313.48 7.51 -231.62	281.97 6.17 -207.96	174.44 5.05 -113.83	147.37 4.56 -98.12	92.04 4.13 -49.33	52.39 3.83 -13.41
SHOREHAM_IC_2 23716	44.75 3.41 -10.87	44.08 3.15 -12.29	40.45 2.80 -11.68	36.60 2.55 -9.01	33.40 2.46 -6.33	31.63 2.45 -4.94	26.37 2.31 0.00	27.28 2.61 0.00	39.36 2.99 -10.54	43.60 3.42 -11.94	54.36 3.97 -18.85	96.14 4.35 -56.15	140.33 4.34 -96.14	147.31 4.39 -101.11	145.57 4.93 -95.40	152.44 5.60 -92.48	271.90 6.30 -206.11	282.95 7.44 -206.65	313.48 7.51 -231.62	281.97 6.17 -207.96	174.44 5.05 -113.83	147.37 4.56 -98.12	92.04 4.13 -49.33	52.39 3.83 -13.41
SISSONVILLE____ 23735	21.37 -1.95 7.15	20.86 -1.75 6.03	20.09 -1.64 4.24	19.83 -1.63 3.58	19.73 -1.57 3.30	19.63 -1.60 3.02	19.61 -1.49 2.96	19.78 -1.46 3.43	20.04 -1.60 4.18	20.68 -1.75 5.82	21.59 -1.92 8.02	22.70 -2.17 10.78	23.82 -2.31 13.72	24.40 -2.34 15.06	25.26 -2.62 17.35	27.61 -3.48 23.27	29.18 -3.93 26.39	31.69 -4.54 32.62	61.51 -5.06 7.78	65.04 -3.87 -1.07	53.36 -2.78 -0.59	42.39 -2.68 -0.38	23.50 -2.47 12.61	22.59 -2.39 10.17
SITHE_IND_GS1 24169	24.76 -0.76 4.95	24.79 -0.77 3.08	25.21 -0.75 0.00	24.33 -0.70 0.00	23.89 -0.71 0.00	23.54 -0.70 0.00	23.36 -0.70 0.00	23.98 -0.69 0.00	25.08 -0.75 0.00	26.28 -0.76 1.20	26.60 -0.88 4.05	27.65 -0.93 7.07	29.31 -0.99 9.54	31.69 -0.96 9.16	32.07 -1.18 11.99	33.87 -1.47 19.02	32.13 -1.48 25.87	34.80 -1.79 32.27	35.17 -1.64 37.54	32.86 -1.63 33.35	35.87 -1.39 18.30	31.84 -1.07 11.78	31.51 -0.93 6.13	26.83 -0.84 7.47
SITHE_IND_GS2 24170	24.76 -0.76 4.95	24.79 -0.77 3.08	25.21 -0.75 0.00	24.33 -0.70 0.00	23.89 -0.71 0.00	23.54 -0.70 0.00	23.36 -0.70 0.00	23.98 -0.69 0.00	25.08 -0.75 0.00	26.28 -0.76 1.20	26.60 -0.88 4.05	27.65 -0.93 7.07	29.31 -0.99 9.54	31.69 -0.96 9.16	32.07 -1.18 11.99	33.87 -1.47 19.02	32.13 -1.48 25.87	34.80 -1.79 32.27	35.17 -1.64 37.54	32.86 -1.63 33.35	35.87 -1.39 18.30	31.84 -1.07 11.78	31.51 -0.93 6.13	26.83 -0.84 7.47
SITHE_IND_GS3 24171	24.76 -0.76 4.95	24.79 -0.77 3.08	25.21 -0.75 0.00	24.33 -0.70 0.00	23.89 -0.71 0.00	23.54 -0.70 0.00	23.36 -0.70 0.00	23.98 -0.69 0.00	25.08 -0.75 0.00	26.28 -0.76 1.20	26.60 -0.88 4.05	27.65 -0.93 7.07	29.31 -0.99 9.54	31.69 -0.96 9.16	32.07 -1.18 11.99	33.87 -1.47 19.02	32.13 -1.48 25.87	34.80 -1.79 32.27	35.17 -1.64 37.54	32.86 -1.63 33.35	35.87 -1.39 18.30	31.84 -1.07 11.78	31.51 -0.93 6.13	26.83 -0.84 7.47
SITHE_IND_GS4 24172	24.76 -0.76 4.95	24.79 -0.77 3.08	25.21 -0.75 0.00	24.33 -0.70 0.00	23.89 -0.71 0.00	23.54 -0.70 0.00	23.36 -0.70 0.00	23.98 -0.69 0.00	25.08 -0.75 0.00	26.28 -0.76 1.20	26.60 -0.88 4.05	27.65 -0.93 7.07	29.31 -0.99 9.54	31.69 -0.96 9.16	32.07 -1.18 11.99	33.87 -1.47 19.02	32.13 -1.48 25.87	34.80 -1.79 32.27	35.17 -1.64 37.54	32.86 -1.63 33.35	35.87 -1.39 18.30	31.84 -1.07 11.78	31.51 -0.93 6.13	26.83 -0.84 7.47
SITHE___BATAVIA 24024	31.11 0.64 0.00	29.01 0.37 0.00	26.07 0.10 0.00	25.03 0.00 0.00	24.51 -0.10 0.00	24.15 -0.10 0.00	23.79 -0.26 0.00	24.44 -0.22 0.00	25.83 0.00 0.00	28.69 0.45 0.00	31.85 0.32 0.00	36.36 0.71 0.00	41.01 1.16 0.00	43.31 1.50 0.00	46.00 0.77 0.00	54.52 0.16 0.00	60.09 0.59 0.00	69.27 0.42 0.00	76.36 2.01 0.00	68.92 1.08 0.00	56.27 0.72 0.00	45.72 1.03 0.00	39.35 0.77 0.00	35.85 0.70 0.00

SITHE___INDEPEND 23800	24.76 -0.76 4.95	24.79 -0.77 3.08	25.21 -0.75 0.00	24.33 -0.70 0.00	23.90 -0.71 0.00	23.55 -0.70 0.00	23.36 -0.70 0.00	23.98 -0.69 0.00	25.05 -0.77 0.00	26.28 -0.76 1.20	26.60 -0.88 4.05	27.65 -0.93 7.07	29.27 -1.04 9.54	31.52 -1.13 9.16	32.07 -1.18 11.99	33.87 -1.47 19.02	32.07 -1.55 25.87	34.80 -1.79 32.27	35.18 -1.64 37.54	32.86 -1.63 33.35	35.87 -1.39 18.30	31.84 -1.07 11.78	31.52 -0.93 6.13	26.80 -0.88 7.47
SITHE___MASSENA 23902	18.88 -1.00 10.58	18.91 -0.86 8.88	19.02 -0.81 6.14	19.03 -0.83 5.18	19.04 -0.79 4.78	19.05 -0.82 4.37	19.05 -0.72 4.29	19.03 -0.66 4.97	19.00 -0.77 6.06	18.92 -0.85 8.48	18.81 -0.92 11.81	18.68 -1.03 15.94	18.50 -1.04 20.31	18.48 -1.09 22.24	18.37 -1.18 25.69	18.09 -1.69 34.59	17.99 -2.08 39.42	17.64 -2.48 48.74	58.43 -2.90 13.02	65.66 -2.17 0.00	54.11 -1.44 0.00	43.22 -1.47 0.00	18.64 -1.39 18.55	18.74 -1.34 15.07
SITHE___OGDNSBRG 24021	20.83 -1.07 8.58	20.56 -0.89 7.20	20.13 -0.86 4.98	19.93 -0.90 4.20	19.87 -0.86 3.88	19.81 -0.90 3.55	19.77 -0.82 3.47	19.82 -0.81 4.03	19.93 -0.98 4.91	20.27 -1.10 6.87	20.73 -1.23 9.57	21.37 -1.35 12.92	22.03 -1.35 16.47	22.44 -1.34 18.03	22.87 -1.54 20.83	24.14 -2.17 28.04	25.16 -2.38 31.96	26.66 -2.69 39.52	60.97 -2.83 10.55	66.14 -1.70 0.00	54.61 -0.94 0.00	43.48 -1.21 0.00	22.23 -1.31 15.04	21.60 -1.34 12.22
SITHE___STERLING 23777	31.40 1.07 0.14	29.38 0.92 0.17	26.50 0.78 0.24	25.53 0.70 0.20	25.11 0.69 0.19	24.76 0.68 0.17	24.52 0.62 0.17	25.04 0.57 0.19	26.16 0.57 0.24	28.69 0.71 0.26	31.99 0.69 0.23	36.35 0.93 0.22	40.63 1.03 0.26	42.79 1.34 0.35	46.26 1.36 0.33	55.87 1.79 0.28	61.49 2.08 0.08	71.39 2.62 0.09	79.31 3.35 -1.61	72.97 3.26 -1.88	59.20 2.61 -1.03	47.37 2.01 -0.66	39.74 1.54 0.38	36.32 1.34 0.17
SLEIGHT___34_KV_TB1 80719	30.78 0.12 -0.19	28.73 -0.03 -0.12	25.78 -0.18 0.00	24.78 -0.25 0.00	24.31 -0.30 0.00	23.88 -0.36 0.00	23.67 -0.38 0.00	24.35 -0.32 0.00	25.57 -0.26 0.00	28.35 0.06 -0.05	31.59 -0.09 -0.15	36.10 0.18 -0.27	40.61 0.40 -0.36	42.32 0.17 -0.35	46.09 0.41 -0.45	55.30 0.22 -0.72	60.77 0.30 -0.98	70.56 0.48 -1.22	77.26 1.49 -1.42	69.91 0.81 -1.26	56.75 0.50 -0.69	45.72 0.58 -0.45	39.16 0.35 -0.23	35.65 0.21 -0.28
SOUTH CAIRO___GT 23612	32.30 1.83 0.00	30.68 2.03 0.00	27.99 2.03 0.00	26.93 1.90 0.00	26.43 1.82 0.00	26.02 1.77 0.00	25.60 1.54 0.00	25.97 1.31 0.00	27.17 1.34 0.00	29.35 1.10 0.00	32.41 0.88 0.00	36.61 0.96 0.00	41.13 1.28 0.00	43.39 1.59 0.00	47.09 1.85 0.00	57.40 3.04 0.00	63.30 3.81 0.00	74.02 5.16 0.00	80.37 5.83 0.00	73.67 4.44 0.00	60.45 3.35 -0.45	48.04 2.24 0.00	40.81 2.00 0.00	37.23 2.07 0.00
SOUTH HAMPTN___IC 23720	45.42 4.08 -10.87	44.68 3.75 -12.29	40.97 3.32 -11.68	37.07 3.03 -9.01	33.89 2.95 -6.33	32.12 2.93 -4.94	26.85 2.79 0.00	27.80 3.13 0.00	40.01 3.64 -10.54	44.37 4.18 -11.94	54.85 5.01 -18.30	95.36 5.56 -54.15	137.92 5.70 -92.37	144.86 5.85 -97.20	143.38 6.52 -91.63	150.45 7.50 -88.59	265.11 8.09 -197.53	276.58 9.51 -198.22	305.89 9.66 -221.87	275.04 8.00 -199.21	171.21 6.61 -109.05	144.78 5.81 -94.28	91.29 5.09 -47.62	53.33 4.71 -13.46
SOUTHDOW___115KV_TB1 355954	32.08 1.61 0.00	29.90 1.26 0.00	26.87 0.91 0.00	25.78 0.75 0.00	25.20 0.59 0.00	24.85 0.61 0.00	24.59 0.53 0.00	25.38 0.72 0.00	26.78 0.96 0.00	29.97 1.72 0.00	33.36 1.83 0.00	38.18 2.53 0.00	42.80 2.95 0.00	43.94 2.13 0.00	48.26 3.03 0.00	56.86 2.50 0.00	62.47 2.97 0.00	71.89 3.03 0.00	78.74 4.39 0.00	70.96 3.12 0.00	57.44 1.89 0.00	46.66 1.97 0.00	40.35 1.77 0.00	36.59 1.44 0.00
SOUTHOLD_69_KV_BK 2 55809	46.09 4.75 -10.87	45.34 4.41 -12.29	41.51 3.87 -11.68	37.60 3.55 -9.01	34.43 3.49 -6.33	32.68 3.49 -4.94	27.47 3.42 0.00	28.34 3.68 0.00	40.71 4.34 -10.54	45.21 5.03 -11.94	55.99 6.15 -18.31	96.78 6.95 -54.18	139.60 7.33 -92.42	146.71 7.65 -97.25	145.23 8.32 -91.68	152.67 9.68 -88.64	266.29 9.16 -197.64	277.58 10.40 -198.32	306.91 10.56 -222.00	275.77 8.62 -199.32	173.05 8.39 -109.11	146.17 7.15 -94.33	92.35 6.13 -47.64	54.24 5.62 -13.46
SOUTHOLD___IC 23719	46.12 4.78 -10.87	45.34 4.41 -12.29	41.54 3.89 -11.68	37.59 3.55 -9.01	34.43 3.49 -6.33	32.65 3.47 -4.94	27.38 3.32 0.00	28.39 3.73 0.00	40.71 4.34 -10.54	45.24 5.05 -11.94	55.99 6.15 -18.31	96.78 6.95 -54.18	139.56 7.29 -92.42	146.63 7.57 -97.25	145.23 8.32 -91.68	152.62 9.62 -88.64	266.23 9.10 -197.64	277.64 10.46 -198.32	307.06 10.71 -222.00	275.91 8.75 -199.32	173.05 8.39 -109.11	146.22 7.20 -94.33	92.35 6.13 -47.64	54.24 5.62 -13.46
SOUTH_FORK_WT_PWR 323839	46.12 4.78 -10.87	45.37 4.44 -12.29	41.56 3.92 -11.68	37.67 3.63 -9.01	34.48 3.54 -6.33	32.73 3.54 -4.94	27.50 3.44 0.00	28.51 3.85 0.00	40.84 4.47 -10.54	45.38 5.20 -11.94	56.21 6.37 -18.31	97.05 7.23 -54.17	139.82 7.57 -92.39	146.89 7.86 -97.22	145.48 8.60 -91.65	152.86 9.90 -88.61	266.95 9.88 -197.58	278.48 11.36 -198.27	307.96 11.67 -221.93	276.66 9.57 -199.26	173.07 8.44 -109.07	146.19 7.20 -94.30	92.30 6.09 -47.63	54.24 5.62 -13.46
SPIERFLS_115KV_TB 1 80737	32.08 1.61 0.00	30.22 1.58 0.00	27.42 1.45 0.00	26.41 1.38 0.00	25.86 1.26 0.00	25.51 1.26 0.00	25.26 1.20 0.00	25.75 1.09 0.00	27.09 1.27 0.00	29.49 1.24 0.00	32.67 1.14 0.00	37.00 1.35 0.00	41.56 1.71 0.00	43.48 1.67 0.00	47.09 1.85 0.00	57.19 2.83 0.00	62.76 3.27 0.00	72.78 3.92 0.00	79.78 5.43 0.00	73.26 5.43 0.00	61.47 4.67 -1.25	48.35 3.66 0.00	41.08 2.51 0.00	37.23 2.07 0.00
ST LAWRENCE____ 23600	30.31 -0.94 -0.78	28.47 -0.83 -0.66	25.64 -0.78 -0.45	24.64 -0.78 -0.38	24.23 -0.74 -0.35	23.85 -0.73 -0.32	23.70 -0.67 -0.32	24.39 -0.64 -0.37	25.55 -0.72 -0.45	28.08 -0.79 -0.62	31.55 -0.85 -0.87	35.92 -0.96 -1.23	40.47 -0.96 -1.57	42.49 -1.04 -1.72	46.09 -1.13 -1.99	55.52 -1.52 -2.68	60.76 -1.78 -3.05	70.57 -2.06 -3.78	72.94 -2.38 -0.97	65.94 -1.90 0.00	54.11 -1.44 0.00	43.35 -1.34 0.00	38.82 -1.20 -1.44	35.16 -1.16 -1.17
STATE_CA_115KV_115_LB 55624	31.35 0.88 0.00	29.64 1.00 0.00	27.08 1.12 0.00	26.11 1.08 0.00	25.69 1.08 0.00	25.34 1.09 0.00	25.07 1.01 0.00	25.60 0.94 0.00	26.73 0.90 0.00	29.01 0.76 0.00	32.32 0.79 0.00	36.51 0.86 0.00	40.73 0.88 0.00	42.81 1.00 0.00	46.32 1.09 0.00	56.05 1.69 0.00	61.40 1.90 0.00	71.06 2.20 0.00	76.66 2.30 0.00	69.94 2.10 0.00	58.22 1.83 -0.83	46.12 1.43 0.00	39.66 1.08 0.00	36.21 1.05 0.00
STATE_ST_34_KV_LOAD 55959	31.54 0.43 -0.64	29.33 0.32 -0.37	26.06 0.18 0.08	25.11 0.15 0.07	24.67 0.12 0.06	24.29 0.10 0.06	24.07 0.07 0.06	24.70 0.10 0.07	25.88 0.13 0.08	28.66 0.34 -0.08	32.33 0.32 -0.48	37.02 0.46 -0.91	41.77 0.68 -1.24	43.63 0.67 -1.15	47.65 0.86 -1.56	57.79 0.87 -2.56	64.20 1.13 -3.58	74.77 1.45 -4.47	82.30 2.16 -5.79	74.96 1.83 -5.30	59.68 1.22 -2.91	47.63 1.07 -1.87	40.15 0.85 -0.72	36.77 0.63 -0.98

STATION 5_MISC_HYD 23604	30.71 0.24 0.00	28.73 0.09 0.00	25.86 -0.10 0.00	24.83 -0.20 0.00	24.34 -0.27 0.00	23.98 -0.27 0.00	23.70 -0.36 0.00	24.35 -0.32 0.00	25.70 -0.13 0.00	28.44 0.20 0.00	31.62 0.09 0.00	36.01 0.36 0.00	40.61 0.76 0.00	42.77 0.96 0.00	45.69 0.45 0.00	54.47 0.11 0.00	59.85 0.36 0.00	69.13 0.28 0.00	75.69 1.34 0.00	68.44 0.61 0.00	55.95 0.39 0.00	45.31 0.63 0.00	39.00 0.43 0.00	35.50 0.35 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.16 0.49 -0.20	29.08 0.32 -0.12	26.07 0.10 0.00	25.08 0.05 0.00	24.58 -0.02 0.00	24.15 -0.10 0.00	23.94 -0.12 0.00	24.62 -0.05 0.00	25.88 0.05 0.00	28.69 0.40 -0.05	31.98 0.28 -0.16	36.54 0.61 -0.29	41.07 0.84 -0.39	42.76 0.59 -0.37	46.62 0.90 -0.48	55.94 0.82 -0.77	61.49 0.95 -1.05	71.54 1.38 -1.30	78.40 2.53 -1.52	70.88 1.70 -1.35	57.52 1.22 -0.74	46.33 1.16 -0.48	39.67 0.85 -0.25	36.09 0.63 -0.30
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.56 0.09 0.00	28.58 -0.06 0.00	25.73 -0.23 0.00	24.73 -0.30 0.00	24.24 -0.37 0.00	23.81 -0.44 0.00	23.58 -0.48 0.00	24.25 -0.42 0.00	25.52 -0.31 0.00	28.30 0.06 0.00	31.37 -0.16 0.00	35.83 0.18 0.00	40.21 0.36 0.00	41.76 -0.04 0.00	45.50 0.27 0.00	54.31 -0.05 0.00	59.43 -0.06 0.00	68.93 0.07 0.00	75.54 1.19 0.00	68.17 0.34 0.00	55.78 0.22 0.00	45.14 0.45 0.00	38.81 0.23 0.00	35.29 0.14 0.00
STA_56____34_KV_BUS2 355983	30.56 0.09 0.00	28.58 -0.06 0.00	25.73 -0.23 0.00	24.73 -0.30 0.00	24.24 -0.37 0.00	23.81 -0.44 0.00	23.58 -0.48 0.00	24.25 -0.42 0.00	25.52 -0.31 0.00	28.30 0.06 0.00	31.37 -0.16 0.00	35.83 0.18 0.00	40.21 0.36 0.00	41.76 -0.04 0.00	45.50 0.27 0.00	54.31 -0.05 0.00	59.43 -0.06 0.00	68.93 0.07 0.00	75.54 1.19 0.00	68.17 0.34 0.00	55.78 0.22 0.00	45.14 0.45 0.00	38.81 0.23 0.00	35.29 0.14 0.00
STA_67____115KV_BK2 355882	30.65 0.18 0.00	28.64 0.00 0.00	25.78 -0.18 0.00	24.78 -0.25 0.00	24.29 -0.32 0.00	23.86 -0.39 0.00	23.65 -0.41 0.00	24.30 -0.37 0.00	25.57 -0.26 0.00	28.36 0.11 0.00	31.44 -0.09 0.00	35.90 0.25 0.00	40.29 0.44 0.00	41.76 -0.04 0.00	45.50 0.27 0.00	54.31 -0.05 0.00	59.37 -0.12 0.00	68.86 0.00 0.00	75.47 1.12 0.00	68.17 0.34 0.00	55.72 0.17 0.00	45.18 0.49 0.00	38.88 0.31 0.00	35.36 0.21 0.00
STA_7____115KV_9TRANS 80674	30.90 0.43 0.00	28.87 0.23 0.00	25.96 0.00 0.00	24.95 -0.08 0.00	24.44 -0.17 0.00	24.01 -0.24 0.00	23.79 -0.26 0.00	24.47 -0.20 0.00	25.75 -0.08 0.00	28.58 0.34 0.00	31.69 0.16 0.00	36.22 0.57 0.00	40.65 0.80 0.00	42.18 0.38 0.00	46.00 0.77 0.00	54.90 0.54 0.00	59.97 0.48 0.00	69.55 0.69 0.00	76.29 1.93 0.00	68.85 1.02 0.00	56.33 0.78 0.00	45.67 0.98 0.00	39.27 0.69 0.00	35.71 0.56 0.00
STA_82____115KV_TB1 80780	30.65 0.18 0.00	28.67 0.03 0.00	25.81 -0.16 0.00	24.80 -0.23 0.00	24.31 -0.30 0.00	23.88 -0.36 0.00	23.65 -0.41 0.00	24.32 -0.35 0.00	25.57 -0.26 0.00	28.39 0.14 0.00	31.44 -0.09 0.00	35.93 0.29 0.00	40.29 0.44 0.00	41.76 -0.04 0.00	45.50 0.27 0.00	54.31 -0.05 0.00	59.37 -0.12 0.00	68.93 0.07 0.00	75.54 1.19 0.00	68.17 0.34 0.00	55.78 0.22 0.00	45.18 0.49 0.00	38.88 0.31 0.00	35.36 0.21 0.00
STEEL____WIND 323596	30.84 0.37 0.00	28.76 0.12 0.00	25.89 -0.08 0.00	24.85 -0.17 0.00	24.31 -0.29 0.00	24.03 -0.22 0.00	23.70 -0.36 0.00	24.35 -0.32 0.00	25.72 -0.10 0.00	28.64 0.40 0.00	31.91 0.38 0.00	36.33 0.68 0.00	40.93 1.08 0.00	43.18 1.38 0.00	45.82 0.59 0.00	54.09 -0.27 0.00	59.67 0.18 0.00	68.38 -0.48 0.00	75.02 0.67 0.00	67.63 -0.20 0.00	55.00 -0.56 0.00	44.82 0.13 0.00	38.77 0.19 0.00	35.36 0.21 0.00
STEPHTWN_115KV_BK_2 55603	31.50 1.04 0.00	29.79 1.15 0.00	27.18 1.22 0.00	26.21 1.18 0.00	25.77 1.16 0.00	25.41 1.16 0.00	25.17 1.11 0.00	25.70 1.04 0.00	26.83 1.01 0.00	29.15 0.90 0.00	32.41 0.88 0.00	36.61 0.96 0.00	40.89 1.04 0.00	42.98 1.17 0.00	46.50 1.27 0.00	56.26 1.90 0.00	61.69 2.20 0.00	71.54 2.69 0.00	77.18 2.83 0.00	70.48 2.65 0.00	58.44 2.22 -0.66	46.43 1.74 0.00	39.85 1.27 0.00	36.35 1.20 0.00
STEUBEN_REC_LFGE 323667	32.09 1.37 -0.25	29.88 1.09 -0.15	26.72 0.75 0.00	25.65 0.63 0.00	25.15 0.54 0.00	24.78 0.53 0.00	24.54 0.48 0.00	25.21 0.54 0.00	26.45 0.62 0.00	29.43 1.13 -0.06	32.80 1.07 -0.20	37.54 1.53 -0.35	42.08 1.75 -0.48	43.52 1.25 -0.46	47.64 1.81 -0.60	56.78 1.47 -0.95	62.69 1.90 -1.30	72.68 2.20 -1.62	79.95 3.72 -1.88	72.35 2.85 -1.67	58.25 1.78 -0.92	47.11 1.83 -0.59	40.50 1.62 -0.31	36.72 1.20 -0.37
STILLWATER____SOLAR 323814	32.24 1.77 0.00	30.39 1.75 0.00	27.55 1.58 0.00	26.56 1.53 0.00	26.06 1.45 0.00	25.68 1.43 0.00	25.43 1.37 0.00	25.92 1.26 0.00	27.20 1.37 0.00	29.63 1.38 0.00	32.98 1.45 0.00	37.33 1.68 0.00	41.76 1.91 0.00	43.69 1.88 0.00	47.45 2.22 0.00	57.46 3.10 0.00	63.00 3.51 0.00	73.06 4.20 0.00	79.33 4.98 0.00	72.58 4.75 0.00	60.81 4.05 -1.20	47.91 3.22 0.00	40.97 2.39 0.00	37.26 2.11 0.00
STONY____BROOK 24151	44.89 3.53 -10.89	44.20 3.26 -12.29	40.55 2.91 -11.68	36.67 2.63 -9.01	33.50 2.56 -6.33	31.73 2.55 -4.94	26.46 2.41 0.00	27.38 2.71 0.00	39.47 3.10 -10.54	43.69 3.50 -11.94	57.41 4.00 -21.87	106.81 4.13 -67.03	160.62 4.07 -116.70	168.39 4.10 -122.49	165.85 4.62 -116.00	173.27 5.17 -113.74	318.26 5.77 -253.00	328.33 6.75 -252.72	365.92 6.69 -284.87	329.17 5.56 -255.77	199.98 4.45 -139.98	167.91 4.11 -119.11	101.33 4.09 -58.67	51.87 3.80 -12.92
STURGEON_POOL_HYD 23609	32.66 2.19 0.00	30.56 1.92 0.00	27.70 1.74 0.00	26.66 1.63 0.00	26.16 1.55 0.00	25.78 1.53 0.00	25.55 1.49 0.00	26.22 1.55 0.00	27.74 1.91 0.00	30.31 2.06 0.00	34.12 2.59 0.00	38.36 2.71 0.00	42.52 2.67 0.00	44.65 2.84 0.00	48.26 3.03 0.00	58.27 3.91 0.00	63.66 4.16 0.00	73.61 4.75 0.00	78.89 4.54 0.00	71.57 3.73 0.00	58.57 2.83 -0.19	47.19 2.50 0.00	41.16 2.58 0.00	37.61 2.46 0.00
ST_LAW_115_BK7_LBMP 345037	30.43 -1.04 -0.99	28.56 -0.92 -0.83	25.68 -0.86 -0.58	24.69 -0.83 -0.49	24.27 -0.79 -0.45	23.86 -0.80 -0.41	23.71 -0.75 -0.40	24.42 -0.72 -0.47	25.60 -0.80 -0.57	28.16 -0.88 -0.80	31.69 -0.95 -1.11	36.08 -1.07 -1.50	40.68 -1.07 -1.91	42.72 -1.17 -2.09	46.42 -1.22 -2.41	55.92 -1.69 -3.25	61.23 -1.96 -3.70	71.16 -2.27 -4.57	72.90 -2.67 -1.22	65.73 -2.10 0.00	54.00 -1.56 0.00	43.22 -1.47 0.00	38.97 -1.35 -1.74	35.27 -1.30 -1.41
ST_LAW_115_BK8_LBMP 345038	30.43 -1.04 -0.99	28.56 -0.92 -0.83	25.68 -0.86 -0.58	24.69 -0.83 -0.49	24.27 -0.79 -0.45	23.86 -0.80 -0.41	23.71 -0.75 -0.40	24.42 -0.72 -0.47	25.60 -0.80 -0.57	28.16 -0.88 -0.80	31.69 -0.95 -1.11	36.08 -1.07 -1.50	40.68 -1.07 -1.91	42.72 -1.17 -2.09	46.42 -1.22 -2.41	55.92 -1.69 -3.25	61.23 -1.96 -3.70	71.16 -2.27 -4.57	72.90 -2.67 -1.22	65.73 -2.10 0.00	54.00 -1.56 0.00	43.22 -1.47 0.00	38.97 -1.35 -1.74	35.27 -1.30 -1.41

ST_LAW_230_BK5_LBMP 345035	30.11 -0.94 -0.59	28.30 -0.83 -0.49	25.53 -0.78 -0.34	24.54 -0.78 -0.29	24.14 -0.74 -0.27	23.76 -0.73 -0.24	23.62 -0.67 -0.24	24.30 -0.64 -0.28	25.44 -0.72 -0.34	27.92 -0.79 -0.47	31.33 -0.85 -0.65	35.57 -0.96 -0.88	40.02 -0.96 -1.13	42.00 -1.04 -1.23	45.53 -1.13 -1.42	54.76 -1.52 -1.92	59.89 -1.78 -2.18	69.50 -2.06 -2.70	72.69 -2.38 -0.72	65.94 -1.90 0.00	54.11 -1.44 0.00	43.35 -1.34 0.00	38.41 -1.20 -1.03	34.83 -1.16 -0.84
ST_LAW_230_BK6_LBMP 345036	30.11 -0.94 -0.59	28.30 -0.83 -0.49	25.53 -0.78 -0.34	24.54 -0.78 -0.29	24.14 -0.74 -0.27	23.76 -0.73 -0.24	23.62 -0.67 -0.24	24.30 -0.64 -0.28	25.44 -0.72 -0.34	27.92 -0.79 -0.47	31.33 -0.85 -0.65	35.57 -0.96 -0.88	40.02 -0.96 -1.13	42.00 -1.04 -1.23	45.53 -1.13 -1.42	54.76 -1.52 -1.92	59.89 -1.78 -2.18	69.50 -2.06 -2.70	72.69 -2.38 -0.72	65.94 -1.90 0.00	54.11 -1.44 0.00	43.35 -1.34 0.00	38.41 -1.20 -1.03	34.83 -1.16 -0.84
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.48 2.01 0.00	30.45 1.80 0.00	27.63 1.66 0.00	26.56 1.53 0.00	26.09 1.48 0.00	25.73 1.48 0.00	25.53 1.47 0.00	26.20 1.53 0.00	27.66 1.83 0.00	30.22 1.98 0.00	33.93 2.40 0.00	38.18 2.53 0.00	42.32 2.47 0.00	44.40 2.59 0.00	47.99 2.76 0.00	57.89 3.53 0.00	63.30 3.81 0.00	73.20 4.34 0.00	78.59 4.24 0.00	71.43 3.60 0.00	58.54 2.89 -0.10	47.10 2.41 0.00	40.97 2.39 0.00	37.44 2.28 0.00
SWANROAD_115KV_TB1 355699	29.95 -0.52 0.00	27.95 -0.69 0.00	25.13 -0.83 0.00	24.20 -0.83 0.00	23.67 -0.94 0.00	23.30 -0.95 0.00	22.98 -1.08 0.00	23.61 -1.06 0.00	24.85 -0.98 0.00	27.76 -0.48 0.00	30.65 -0.88 0.00	35.11 -0.53 0.00	39.29 -0.56 0.00	40.22 -1.59 0.00	44.01 -1.22 0.00	51.97 -2.39 0.00	56.81 -2.68 0.00	65.83 -3.03 0.00	72.34 -2.01 0.00	65.19 -2.65 0.00	53.05 -2.50 0.00	43.44 -1.25 0.00	37.42 -1.16 0.00	34.20 -0.95 0.00
SYNERGY___BIOGAS 323694	31.11 0.64 0.00	29.01 0.37 0.00	26.07 0.10 0.00	25.03 0.00 0.00	24.51 -0.10 0.00	24.15 -0.10 0.00	23.79 -0.26 0.00	24.44 -0.22 0.00	25.83 0.00 0.00	28.69 0.45 0.00	31.85 0.32 0.00	36.36 0.71 0.00	41.01 1.16 0.00	43.31 1.50 0.00	46.00 0.77 0.00	54.52 0.16 0.00	60.09 0.59 0.00	69.27 0.42 0.00	76.36 2.01 0.00	68.92 1.08 0.00	56.27 0.72 0.00	45.72 1.03 0.00	39.35 0.77 0.00	35.85 0.70 0.00
SYRACUSE___ENERGY_ST1 323597	31.36 0.12 -0.77	29.14 0.06 -0.44	25.84 -0.03 0.10	24.92 -0.03 0.09	24.48 -0.05 0.08	24.10 -0.07 0.07	23.92 -0.07 0.07	24.54 -0.05 0.08	25.68 -0.05 0.10	28.39 0.06 -0.09	32.14 0.03 -0.58	36.88 0.14 -1.09	41.57 0.24 -1.48	43.44 0.25 -1.38	47.41 0.32 -1.86	57.69 0.27 -3.06	64.19 0.42 -4.28	74.76 0.55 -5.35	82.26 0.97 -6.94	74.87 0.68 -6.35	59.43 0.39 -3.49	47.34 0.40 -2.24	39.75 0.31 -0.86	36.57 0.25 -1.18
SYRACUSE___ENERGY_ST2 323598	31.36 0.12 -0.77	29.14 0.06 -0.44	25.84 -0.03 0.10	24.92 -0.03 0.09	24.48 -0.05 0.08	24.10 -0.07 0.07	23.92 -0.07 0.07	24.54 -0.05 0.08	25.68 -0.05 0.10	28.39 0.06 -0.09	32.14 0.03 -0.58	36.88 0.14 -1.09	41.57 0.24 -1.48	43.44 0.25 -1.38	47.41 0.32 -1.86	57.69 0.27 -3.06	64.19 0.42 -4.28	74.76 0.55 -5.35	82.26 0.97 -6.94	74.87 0.68 -6.35	59.43 0.39 -3.49	47.34 0.40 -2.24	39.75 0.31 -0.86	36.57 0.25 -1.18
SYRACUSE___POWER 24017	30.89 -0.03 -0.45	28.80 -0.09 -0.24	25.70 -0.16 0.11	24.79 -0.15 0.09	24.35 -0.17 0.08	23.98 -0.19 0.08	23.79 -0.19 0.07	24.41 -0.17 0.09	25.54 -0.18 0.11	28.17 -0.08 -0.01	31.72 -0.13 -0.31	36.24 -0.04 -0.63	40.72 0.00 -0.87	42.59 0.00 -0.79	46.37 0.05 -1.09	56.20 0.00 -1.84	62.24 0.12 -2.63	72.28 0.14 -3.29	79.46 0.52 -4.59	72.38 0.27 -4.28	57.96 0.06 -2.35	46.33 0.13 -1.51	39.12 0.08 -0.46	35.88 0.04 -0.70
TALLMAN___138KV_BK151 55660	32.72 2.25 0.00	30.68 2.03 0.00	27.83 1.87 0.00	26.76 1.73 0.00	26.28 1.67 0.00	25.92 1.67 0.00	25.74 1.68 0.00	26.42 1.75 0.00	27.92 2.09 0.00	30.56 2.32 0.00	34.34 2.81 0.00	38.61 2.96 0.00	42.68 2.83 0.00	44.77 2.97 0.00	48.40 3.17 0.00	58.38 4.02 0.00	63.78 4.28 0.00	73.68 4.82 0.00	78.96 4.61 0.00	71.70 3.87 0.00	58.82 3.17 -0.10	47.37 2.68 0.00	41.31 2.74 0.00	37.72 2.57 0.00
TEALLAVE_115KV_TB7 355573	30.75 -0.03 -0.31	28.70 -0.09 -0.15	25.69 -0.16 0.12	24.78 -0.15 0.10	24.34 -0.17 0.09	23.97 -0.19 0.09	23.78 -0.19 0.08	24.40 -0.17 0.10	25.53 -0.18 0.12	28.12 -0.08 0.04	31.59 -0.13 -0.19	36.04 -0.04 -0.42	40.40 -0.04 -0.59	42.28 -0.04 -0.52	45.98 0.00 -0.74	55.60 -0.05 -1.30	61.47 0.06 -1.92	71.32 0.07 -2.40	78.44 0.45 -3.65	71.50 0.20 -3.47	57.51 0.06 -1.90	46.00 0.09 -1.22	38.89 0.04 -0.27	35.67 0.04 -0.48
TELGRAPH_34_KV_EAST 80808	30.65 0.18 0.00	28.58 -0.06 0.00	25.65 -0.31 0.00	24.68 -0.35 0.00	24.14 -0.47 0.00	23.74 -0.51 0.00	23.46 -0.60 0.00	24.15 -0.52 0.00	25.41 -0.41 0.00	28.41 0.17 0.00	31.37 -0.16 0.00	35.97 0.32 0.00	40.25 0.40 0.00	41.35 -0.46 0.00	45.28 0.05 0.00	53.54 -0.82 0.00	58.48 -1.01 0.00	67.76 -1.10 0.00	74.58 0.22 0.00	67.16 -0.68 0.00	54.78 -0.78 0.00	44.69 0.00 0.00	38.46 -0.12 0.00	35.08 -0.07 0.00
TEMPLE___115KV_TB 2 55572	30.78 0.00 -0.31	28.73 -0.06 -0.15	25.72 -0.13 0.12	24.80 -0.13 0.10	24.37 -0.15 0.09	24.00 -0.17 0.08	23.81 -0.17 0.08	24.42 -0.15 0.10	25.53 -0.18 0.12	28.15 -0.06 0.04	31.63 -0.09 -0.19	36.08 0.00 -0.43	40.45 0.00 -0.60	42.33 0.00 -0.52	46.03 0.05 -0.75	55.67 0.00 -1.31	61.48 0.06 -1.93	71.41 0.14 -2.41	78.44 0.45 -3.64	71.56 0.27 -3.46	57.51 0.06 -1.90	46.05 0.13 -1.22	38.93 0.08 -0.28	35.71 0.07 -0.49
TIANA___69_KV_BK 1 55817	45.26 3.93 -10.87	44.54 3.61 -12.29	40.84 3.19 -11.68	36.97 2.93 -9.01	33.79 2.85 -6.33	32.02 2.84 -4.94	26.83 2.77 0.00	27.63 2.96 0.00	39.86 3.49 -10.54	44.17 3.98 -11.94	54.60 4.76 -18.31	95.07 5.24 -54.18	137.68 5.42 -92.41	144.69 5.64 -97.24	143.01 6.11 -91.67	150.05 7.07 -88.63	264.84 7.73 -197.62	276.11 8.95 -198.30	305.40 9.07 -221.98	274.66 7.53 -199.30	170.93 6.28 -109.10	144.51 5.50 -94.32	91.11 4.90 -47.64	53.12 4.50 -13.46
TILDEN___115KV_TB1 80814	30.89 -0.03 -0.45	28.80 -0.09 -0.24	25.70 -0.16 0.11	24.79 -0.15 0.09	24.35 -0.17 0.08	23.98 -0.19 0.08	23.79 -0.19 0.07	24.41 -0.17 0.09	25.54 -0.18 0.11	28.17 -0.08 -0.01	31.72 -0.13 -0.31	36.24 -0.04 -0.63	40.72 0.00 -0.87	42.59 0.00 -0.79	46.37 0.05 -1.09	56.20 0.00 -1.84	62.24 0.12 -2.63	72.28 0.14 -3.29	79.46 0.52 -4.59	72.38 0.27 -4.28	57.96 0.06 -2.35	46.33 0.13 -1.51	39.12 0.08 -0.46	35.88 0.04 -0.70
TRIGEN___CC 323695	44.14 2.86 -10.81	43.50 2.58 -12.28	40.01 2.36 -11.68	36.27 2.23 -9.01	33.10 2.17 -6.33	31.34 2.16 -4.94	26.20 2.14 0.00	26.94 2.27 0.00	39.00 2.63 -10.54	43.10 2.91 -11.94	40.73 3.47 -5.73	48.18 3.71 -8.82	50.25 3.71 -6.69	53.75 3.80 -8.14	55.10 4.07 -5.80	59.20 4.84 0.00	67.06 5.41 -2.16	81.22 6.13 -6.24	80.30 5.95 0.00	72.79 4.95 0.00	59.72 4.06 -0.11	55.23 3.71 -6.84	50.91 3.63 -8.70	48.49 3.41 -9.93

TRINITY__115KV__4 BK 55933	31.20 0.73 0.00	29.50 0.86 0.00	26.98 1.01 0.00	26.01 0.98 0.00	25.59 0.98 0.00	25.24 0.99 0.00	25.00 0.94 0.00	25.51 0.84 0.00	26.63 0.80 0.00	28.87 0.62 0.00	32.16 0.63 0.00	36.29 0.64 0.00	40.49 0.64 0.00	42.56 0.75 0.00	46.05 0.81 0.00	55.66 1.30 0.00	60.98 1.49 0.00	70.58 1.72 0.00	76.06 1.71 0.00	69.39 1.56 0.00	57.63 1.39 -0.69	45.81 1.12 0.00	39.42 0.85 0.00	36.03 0.88 0.00
UNION__PROCESSING_DRP 323587	30.65 0.18 0.00	28.67 0.03 0.00	25.81 -0.16 0.00	24.80 -0.23 0.00	24.31 -0.30 0.00	23.88 -0.36 0.00	23.65 -0.41 0.00	24.32 -0.35 0.00	25.57 -0.26 0.00	28.39 0.14 0.00	31.44 -0.09 0.00	35.93 0.29 0.00	40.29 0.44 0.00	41.76 -0.04 0.00	45.55 0.32 0.00	54.31 -0.05 0.00	59.43 -0.06 0.00	68.93 0.07 0.00	75.54 1.19 0.00	68.24 0.41 0.00	55.78 0.22 0.00	45.23 0.54 0.00	38.88 0.31 0.00	35.40 0.25 0.00
UPPER HUDSON__HYD 24058	32.08 1.61 0.00	30.22 1.57 0.00	27.39 1.43 0.00	26.40 1.38 0.00	25.86 1.25 0.00	25.51 1.26 0.00	25.26 1.20 0.00	25.75 1.08 0.00	27.09 1.27 0.00	29.46 1.21 0.00	32.63 1.10 0.00	37.00 1.35 0.00	41.52 1.67 0.00	43.31 1.50 0.00	47.09 1.86 0.00	57.13 2.77 0.00	62.70 3.21 0.00	72.78 3.92 0.00	79.78 5.42 0.00	73.19 5.36 0.00	61.52 4.72 -1.25	48.35 3.67 0.00	41.08 2.51 0.00	37.23 2.07 0.00
UPPER RAQUET__HYD 24056	21.37 -1.95 7.15	20.86 -1.75 6.03	20.09 -1.63 4.24	19.83 -1.63 3.58	19.73 -1.58 3.30	19.63 -1.60 3.02	19.61 -1.49 2.96	19.78 -1.46 3.43	20.02 -1.63 4.18	20.68 -1.75 5.82	21.55 -1.95 8.02	22.70 -2.18 10.78	23.82 -2.31 13.72	24.32 -2.43 15.06	25.25 -2.62 17.35	27.66 -3.42 23.27	29.12 -3.99 26.39	31.69 -4.55 32.62	61.51 -5.06 7.78	65.04 -3.86 -1.07	53.37 -2.78 -0.59	42.39 -2.68 -0.38	23.49 -2.47 12.61	22.59 -2.39 10.17
VALLEY44_115KV_TB2 355964	30.80 0.34 0.00	28.73 0.09 0.00	25.86 -0.10 0.00	24.83 -0.20 0.00	24.29 -0.32 0.00	23.96 -0.29 0.00	23.70 -0.36 0.00	24.32 -0.35 0.00	25.72 -0.10 0.00	28.72 0.48 0.00	31.91 0.38 0.00	36.43 0.78 0.00	40.69 0.84 0.00	41.64 -0.17 0.00	45.69 0.45 0.00	53.93 -0.43 0.00	59.19 -0.30 0.00	68.24 -0.62 0.00	74.72 0.37 0.00	67.43 -0.41 0.00	54.55 -1.00 0.00	44.47 -0.22 0.00	38.77 0.19 0.00	35.22 0.07 0.00
VALLEY__115KV_TB 1-4 80826	31.17 0.85 0.15	29.29 0.77 0.13	26.58 0.70 0.09	25.63 0.68 0.08	25.18 0.64 0.07	24.84 0.65 0.06	24.60 0.60 0.06	25.19 0.59 0.07	26.38 0.65 0.09	28.85 0.73 0.12	32.15 0.79 0.17	36.34 0.93 0.23	40.55 1.00 0.30	42.61 1.13 0.32	46.08 1.22 0.37	55.38 1.52 0.50	60.58 1.67 0.57	70.14 2.00 0.71	76.39 2.23 0.19	70.01 2.17 0.00	57.33 1.78 0.00	46.12 1.43 0.00	39.42 1.12 0.27	35.95 1.02 0.22
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.49 1.86 -0.16	30.40 1.66 -0.10	27.44 1.48 0.00	26.43 1.40 0.00	25.96 1.35 0.00	25.61 1.36 0.00	25.38 1.32 0.00	25.97 1.31 0.00	27.27 1.45 0.00	30.01 1.72 -0.04	33.49 1.83 -0.13	38.02 2.14 -0.23	42.43 2.27 -0.31	44.61 2.51 -0.29	48.33 2.71 -0.38	58.39 3.42 -0.61	64.01 3.69 -0.83	74.16 4.27 -1.03	80.39 4.83 -1.20	73.38 4.48 -1.07	60.02 3.72 -0.75	48.02 2.95 -0.38	41.20 2.43 -0.20	37.57 2.18 -0.24
VISCHER__FERRY HYD 24020	31.87 1.40 0.00	30.04 1.40 0.00	27.29 1.32 0.00	26.33 1.30 0.00	25.86 1.25 0.00	25.48 1.24 0.00	25.24 1.18 0.00	25.75 1.08 0.00	26.99 1.16 0.00	29.32 1.07 0.00	32.70 1.17 0.00	36.93 1.28 0.00	41.21 1.36 0.00	43.10 1.30 0.00	46.86 1.63 0.00	56.64 2.28 0.00	62.05 2.56 0.00	71.96 3.10 0.00	77.62 3.27 0.00	70.89 3.06 0.00	59.20 2.61 -1.03	46.79 2.10 0.00	40.20 1.62 0.00	36.73 1.58 0.00
V_A_10_SYNC_DSASP 323832	30.16 -0.30 0.00	28.18 -0.46 0.00	25.39 -0.57 0.00	24.40 -0.62 0.00	23.89 -0.71 0.00	23.59 -0.65 0.00	23.29 -0.77 0.00	23.90 -0.76 0.00	25.26 -0.57 0.00	28.05 -0.20 0.00	31.12 -0.41 0.00	35.44 -0.21 0.00	39.93 0.08 0.00	42.02 0.21 0.00	44.56 -0.68 0.00	52.89 -1.47 0.00	58.18 -1.31 0.00	66.93 -1.93 0.00	73.46 -0.89 0.00	66.34 -1.49 0.00	54.06 -1.50 0.00	44.06 -0.63 0.00	38.00 -0.58 0.00	34.69 -0.46 0.00
V_CMM_10_SYNC_DSASP 323787	30.58 -0.88 -0.99	28.70 -0.77 -0.83	25.81 -0.73 -0.58	24.79 -0.73 -0.49	24.37 -0.69 -0.45	23.95 -0.70 -0.41	23.83 -0.63 -0.40	24.54 -0.59 -0.47	25.72 -0.67 -0.57	28.31 -0.73 -0.80	31.85 -0.79 -1.11	36.26 -0.89 -1.50	40.88 -0.88 -1.91	42.93 -0.96 -2.09	46.65 -1.00 -2.41	56.14 -1.47 -3.25	61.41 -1.78 -3.70	71.37 -2.06 -4.57	73.19 -2.38 -1.22	66.01 -1.83 0.00	54.28 -1.28 0.00	43.39 -1.30 0.00	39.12 -1.20 -1.74	35.41 -1.16 -1.41
V_CMP_10_SYNC_DSASP 323788	29.69 -0.15 0.63	28.03 -0.09 0.53	25.44 -0.15 0.37	24.47 -0.25 0.31	24.08 -0.25 0.28	23.70 -0.29 0.26	23.71 -0.10 0.25	24.45 0.07 0.30	25.67 0.21 0.36	28.19 0.45 0.50	31.46 0.63 0.70	35.48 0.78 0.95	38.80 0.16 1.21	40.65 0.17 1.32	43.80 0.09 1.53	51.05 -1.25 2.06	55.42 -1.73 2.34	63.96 -2.00 2.90	71.20 -2.38 0.77	66.34 -1.49 0.00	54.89 -0.66 0.00	43.97 -0.72 0.00	37.32 -0.15 1.10	33.52 -0.74 0.90
V_D_10_SYNC_DSASP 323841	31.09 -1.00 -1.62	29.14 -0.86 -1.36	26.10 -0.81 -0.94	25.02 -0.80 -0.79	24.55 -0.79 -0.73	24.12 -0.80 -0.67	23.99 -0.72 -0.66	24.76 -0.66 -0.76	25.98 -0.77 -0.93	28.70 -0.85 -1.30	32.46 -0.88 -1.81	37.10 -1.00 -2.44	41.97 -0.99 -3.11	44.13 -1.09 -3.41	48.04 -1.13 -3.94	57.98 -1.69 -5.30	63.45 -2.08 -6.04	73.92 -2.41 -7.47	73.52 -2.83 -2.00	65.73 -2.10 0.00	54.11 -1.44 0.00	43.22 -1.47 0.00	40.07 -1.35 -2.84	36.16 -1.30 -2.31
V_E_10_SYNC_DSASP 323830	34.10 3.26 -0.37	31.73 2.86 -0.23	28.40 2.44 0.00	27.28 2.25 0.00	26.80 2.19 0.00	26.48 2.23 0.00	26.13 2.07 0.00	26.64 1.97 0.00	27.79 1.96 0.00	30.68 2.34 -0.09	34.13 2.30 -0.30	39.03 2.85 -0.52	43.83 3.27 -0.71	46.50 4.01 -0.68	50.20 4.07 -0.89	60.88 5.11 -1.41	67.42 6.01 -1.92	78.62 7.37 -2.40	86.66 9.52 -2.79	79.60 9.29 -2.48	64.37 7.39 -1.43	51.29 5.72 -0.87	43.50 4.47 -0.46	39.50 3.80 -0.55
V_F_30_NSYNC__DSASP 323816	32.30 1.83 0.00	30.42 1.78 0.00	27.57 1.61 0.00	26.58 1.55 0.00	26.09 1.48 0.00	25.70 1.45 0.00	25.45 1.39 0.00	25.95 1.28 0.00	27.25 1.42 0.00	29.68 1.44 0.00	33.04 1.51 0.00	37.40 1.75 0.00	41.84 1.99 0.00	43.81 2.01 0.00	47.58 2.35 0.00	57.57 3.21 0.00	63.12 3.63 0.00	73.27 4.41 0.00	79.48 5.13 0.00	72.78 4.95 0.00	61.00 4.22 -1.22	48.00 3.31 0.00	41.05 2.47 0.00	37.33 2.18 0.00
V_F_30_SYNC_DSASP 323786	31.35 0.88 0.00	29.64 1.00 0.00	27.08 1.12 0.00	26.11 1.08 0.00	25.69 1.08 0.00	25.34 1.09 0.00	25.07 1.01 0.00	25.60 0.94 0.00	26.73 0.90 0.00	29.01 0.76 0.00	32.29 0.76 0.00	36.47 0.82 0.00	40.73 0.88 0.00	42.81 1.00 0.00	46.32 1.09 0.00	55.99 1.63 0.00	61.34 1.84 0.00	71.06 2.20 0.00	76.66 2.30 0.00	69.94 2.10 0.00	58.21 1.83 -0.82	46.12 1.43 0.00	39.66 1.08 0.00	36.21 1.05 0.00

V_XM10_SYNC_DSASP 323789	29.69 -0.15 0.63	28.03 -0.09 0.53	25.44 -0.15 0.37	24.47 -0.25 0.31	24.08 -0.25 0.28	23.70 -0.29 0.26	23.71 -0.10 0.25	24.45 0.07 0.30	25.67 0.21 0.36	28.19 0.45 0.50	31.46 0.63 0.70	35.48 0.78 0.95	38.80 0.16 1.21	40.65 0.17 1.32	43.80 0.09 1.53	51.05 -1.25 2.06	55.42 -1.73 2.34	63.96 -2.00 2.90	71.20 -2.38 0.77	66.34 -1.49 0.00	54.89 -0.66 0.00	43.97 -0.72 0.00	37.32 -0.15 1.10	33.52 -0.74 0.90
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.85 2.38 0.00	30.79 2.15 0.00	27.94 1.97 0.00	26.86 1.83 0.00	26.38 1.77 0.00	26.02 1.77 0.00	25.81 1.76 0.00	26.49 1.83 0.00	28.02 2.20 0.00	30.67 2.43 0.00	34.46 2.93 0.00	38.72 3.07 0.00	42.84 2.99 0.00	44.90 3.09 0.00	48.58 3.35 0.00	58.60 4.24 0.00	64.01 4.52 0.00	74.02 5.16 0.00	79.33 4.98 0.00	72.04 4.21 0.00	59.10 3.44 -0.11	47.59 2.90 0.00	41.43 2.85 0.00	37.86 2.71 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.09 2.62 0.00	30.99 2.35 0.00	28.09 2.13 0.00	27.03 2.00 0.00	26.58 1.97 0.00	26.19 1.94 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.31 2.48 0.00	31.01 2.77 0.00	34.87 3.34 0.00	39.18 3.53 0.00	43.32 3.47 0.00	45.28 3.47 0.00	48.90 3.66 0.00	58.98 4.62 0.00	64.37 4.88 0.00	74.30 5.44 0.00	79.63 5.28 0.00	72.24 4.41 0.00	59.39 3.72 -0.11	47.95 3.26 0.00	41.93 3.36 0.00	38.32 3.16 0.00
W50THST__13_KV_LOAD 356117	33.27 2.80 0.00	31.16 2.52 0.00	28.25 2.28 0.00	27.18 2.15 0.00	26.70 2.09 0.00	26.33 2.09 0.00	26.22 2.17 0.00	26.96 2.29 0.00	28.49 2.66 0.00	31.21 2.97 0.00	35.09 3.56 0.00	39.43 3.78 0.00	43.60 3.75 0.00	45.61 3.80 0.00	49.21 3.98 0.00	59.31 4.95 0.00	64.73 5.24 0.00	74.71 5.85 0.00	80.08 5.73 0.00	72.72 4.88 0.00	59.78 4.11 -0.11	48.26 3.58 0.00	42.20 3.63 0.00	38.56 3.41 0.00
WADING RIVER_IC_1 23522	44.72 3.38 -10.87	44.05 3.12 -12.29	40.39 2.75 -11.68	36.54 2.50 -9.01	33.37 2.44 -6.33	31.59 2.40 -4.94	26.35 2.29 0.00	27.23 2.57 0.00	39.34 2.97 -10.54	43.57 3.39 -11.94	53.77 3.97 -18.27	94.00 4.31 -54.04	136.26 4.27 -92.15	143.12 4.35 -96.97	141.52 4.89 -91.40	148.26 5.55 -88.35	262.69 6.19 -197.02	273.87 7.30 -197.71	303.01 7.36 -221.29	272.56 6.04 -198.69	169.26 4.94 -108.76	143.21 4.47 -94.05	90.18 4.09 -47.52	52.41 3.80 -13.46
WADING RIVER_IC_2 23547	44.72 3.38 -10.87	44.05 3.12 -12.29	40.39 2.75 -11.68	36.54 2.50 -9.01	33.37 2.44 -6.33	31.59 2.40 -4.94	26.35 2.29 0.00	27.23 2.57 0.00	39.34 2.97 -10.54	43.57 3.39 -11.94	53.77 3.97 -18.27	94.00 4.31 -54.04	136.26 4.27 -92.15	143.12 4.35 -96.97	141.52 4.89 -91.40	148.26 5.55 -88.35	262.69 6.19 -197.02	273.87 7.30 -197.71	303.01 7.36 -221.29	272.56 6.04 -198.69	169.26 4.94 -108.76	143.21 4.47 -94.05	90.18 4.09 -47.52	52.41 3.80 -13.46
WADING RIVER_IC_3 23601	44.72 3.38 -10.87	44.05 3.12 -12.29	40.39 2.75 -11.68	36.54 2.50 -9.01	33.37 2.44 -6.33	31.59 2.40 -4.94	26.35 2.29 0.00	27.23 2.57 0.00	39.34 2.97 -10.54	43.57 3.39 -11.94	53.77 3.97 -18.27	94.00 4.31 -54.04	136.26 4.27 -92.15	143.12 4.35 -96.97	141.52 4.89 -91.40	148.26 5.55 -88.35	262.69 6.19 -197.02	273.87 7.30 -197.71	303.01 7.36 -221.29	272.56 6.04 -198.69	169.26 4.94 -108.76	143.21 4.47 -94.05	90.18 4.09 -47.52	52.41 3.80 -13.46
WALDENNY_12_KV_BK2 80841	30.83 0.37 0.00	28.76 0.11 0.00	25.86 -0.10 0.00	24.85 -0.18 0.00	24.31 -0.30 0.00	23.93 -0.32 0.00	23.67 -0.38 0.00	24.35 -0.32 0.00	25.65 -0.18 0.00	28.67 0.42 0.00	31.75 0.22 0.00	36.33 0.68 0.00	40.73 0.88 0.00	41.81 0.00 0.00	45.82 0.59 0.00	54.14 -0.22 0.00	59.31 -0.18 0.00	68.44 -0.41 0.00	75.10 0.74 0.00	67.63 -0.20 0.00	54.94 -0.61 0.00	44.87 0.18 0.00	38.69 0.12 0.00	35.29 0.14 0.00
WALDEN__HYDRO 24148	32.66 2.19 0.00	30.62 1.98 0.00	27.78 1.82 0.00	26.71 1.68 0.00	26.23 1.62 0.00	25.85 1.60 0.00	25.65 1.59 0.00	26.29 1.63 0.00	27.76 1.94 0.00	30.33 2.09 0.00	34.05 2.52 0.00	38.32 2.67 0.00	42.52 2.67 0.00	44.65 2.84 0.00	48.26 3.03 0.00	58.33 3.97 0.00	63.78 4.28 0.00	73.82 4.96 0.00	79.26 4.91 0.00	72.04 4.21 0.00	59.05 3.39 -0.11	47.46 2.77 0.00	41.24 2.66 0.00	37.65 2.50 0.00
WARRENSBURG____ 23737	32.08 1.61 0.00	30.22 1.57 0.00	27.39 1.43 0.00	26.40 1.38 0.00	25.86 1.25 0.00	25.51 1.26 0.00	25.26 1.20 0.00	25.75 1.08 0.00	27.09 1.27 0.00	29.46 1.21 0.00	32.63 1.10 0.00	37.00 1.35 0.00	41.52 1.67 0.00	43.31 1.50 0.00	47.09 1.86 0.00	57.13 2.77 0.00	62.70 3.21 0.00	72.78 3.92 0.00	79.78 5.42 0.00	73.19 5.36 0.00	61.52 4.72 -1.25	48.35 3.67 0.00	41.08 2.51 0.00	37.23 2.07 0.00
WATERSIDE____6 8 9 23538	33.12 2.65 0.00	31.02 2.38 0.00	28.12 2.15 0.00	27.03 2.00 0.00	26.55 1.94 0.00	26.14 1.89 0.00	26.01 1.95 0.00	26.74 2.07 0.00	28.26 2.43 0.00	30.96 2.71 0.00	34.84 3.31 0.00	39.11 3.46 0.00	43.16 3.31 0.00	45.11 3.30 0.00	48.48 3.26 0.01	59.58 4.24 -0.98	66.09 4.46 -2.13	76.25 4.82 -2.57	78.88 4.54 0.01	72.86 3.80 -1.23	61.13 3.33 -2.24	47.68 2.99 0.00	42.01 3.43 0.00	38.43 3.27 -0.01
WATKINRD_115KV_LN8_ILLION 55919	30.95 0.64 0.15	29.09 0.57 0.13	26.42 0.55 0.09	25.45 0.50 0.08	25.03 0.49 0.07	24.67 0.48 0.06	24.45 0.46 0.06	25.04 0.44 0.07	26.23 0.49 0.09	28.66 0.54 0.12	31.93 0.57 0.17	36.06 0.64 0.23	40.23 0.68 0.30	42.23 0.75 0.32	45.72 0.86 0.37	54.94 1.09 0.50	60.11 1.19 0.57	69.59 1.45 0.71	75.80 1.64 0.19	69.39 1.56 0.00	56.89 1.33 0.00	45.72 1.03 0.00	39.12 0.81 0.27	35.67 0.74 0.22
WATSON__69_KV_BK 1 55734	45.11 3.81 -10.84	44.45 3.52 -12.28	40.76 3.12 -11.68	36.92 2.88 -9.01	33.74 2.81 -6.33	31.97 2.79 -4.94	26.78 2.72 0.00	27.55 2.89 0.00	39.70 3.33 -10.54	43.94 3.76 -11.94	47.95 4.35 -12.07	71.96 4.63 -31.67	94.43 4.70 -49.87	99.73 4.89 -53.03	99.54 5.25 -49.06	105.15 6.14 -44.65	167.08 6.96 -100.62	179.91 8.06 -102.99	194.28 8.10 -111.83	175.02 6.78 -100.40	116.12 5.56 -55.01	100.56 4.96 -50.91	71.52 4.63 -28.32	55.88 4.32 -16.40
WDELAWARE__HYD 323627	32.02 1.55 0.00	29.96 1.32 0.00	27.16 1.19 0.00	26.08 1.05 0.00	25.59 0.99 0.00	25.19 0.94 0.00	24.97 0.91 0.00	25.60 0.94 0.00	27.04 1.21 0.00	29.57 1.33 0.00	33.14 1.61 0.00	37.36 1.71 0.00	41.45 1.60 0.00	43.52 1.71 0.00	47.27 2.04 0.00	57.13 2.77 0.00	62.52 3.03 0.00	72.64 3.78 0.00	78.22 3.86 0.00	71.09 3.26 0.00	58.23 2.56 -0.12	46.65 1.96 0.00	40.43 1.85 0.00	36.87 1.72 0.00
WEST BABYLON__IC 23714	44.88 3.60 -10.82	44.21 3.29 -12.28	40.58 2.93 -11.68	36.80 2.75 -9.01	33.62 2.68 -6.33	31.85 2.67 -4.94	26.66 2.60 0.00	27.43 2.76 0.00	39.55 3.18 -10.54	43.72 3.53 -11.94	42.90 4.10 -7.27	54.39 4.35 -14.39	61.41 4.34 -17.22	65.40 4.52 -19.08	66.46 4.89 -16.34	70.95 5.71 -10.88	92.19 6.54 -26.15	106.25 7.57 -29.82	109.19 7.58 -27.25	98.61 6.31 -24.47	74.21 5.17 -13.49	66.91 4.65 -17.58	56.38 4.32 -13.48	51.96 4.04 -12.77

WEST CANADA___HYD 24049	30.59 0.27 0.15	28.77 0.26 0.13	26.11 0.23 0.09	25.20 0.25 0.08	24.76 0.22 0.07	24.43 0.24 0.06	24.21 0.22 0.06	24.79 0.20 0.07	25.97 0.23 0.09	28.35 0.22 0.12	31.61 0.25 0.17	35.70 0.28 0.23	39.80 0.24 0.30	41.78 0.29 0.32	45.18 0.32 0.37	54.29 0.43 0.50	59.39 0.47 0.57	68.70 0.55 0.71	74.83 0.67 0.19	68.37 0.54 0.00	56.05 0.50 0.00	45.09 0.40 0.00	38.65 0.35 0.27	35.25 0.32 0.22
WESTERN_NY_WIND 24143	31.08 0.61 0.00	29.01 0.37 0.00	26.02 0.05 0.00	25.00 -0.03 0.00	24.46 -0.15 0.00	24.03 -0.22 0.00	23.75 -0.31 0.00	24.42 -0.25 0.00	25.70 -0.13 0.00	28.67 0.42 0.00	31.66 0.13 0.00	36.29 0.64 0.00	40.69 0.84 0.00	41.89 0.08 0.00	45.87 0.63 0.00	54.36 0.00 0.00	59.49 0.00 0.00	69.13 0.28 0.00	76.21 1.86 0.00	68.65 0.81 0.00	56.05 0.50 0.00	45.63 0.94 0.00	39.23 0.66 0.00	35.71 0.56 0.00
WESTOVER___LESR 323668	31.55 0.73 -0.35	29.44 0.57 -0.22	26.40 0.44 0.00	25.40 0.38 0.00	24.93 0.32 0.00	24.59 0.34 0.00	24.35 0.29 0.00	24.99 0.32 0.00	26.21 0.39 0.00	28.98 0.65 -0.09	32.48 0.66 -0.29	37.05 0.89 -0.51	41.49 0.96 -0.68	43.30 0.84 -0.66	47.18 1.09 -0.86	56.76 1.03 -1.36	62.60 1.25 -1.86	72.62 1.45 -2.31	79.13 2.08 -2.69	71.92 1.70 -2.39	58.03 1.11 -1.36	46.61 1.07 -0.84	39.98 0.96 -0.44	36.50 0.81 -0.54
WETHRSFD_WT_PWR 323626	30.86 0.40 0.00	28.81 0.17 0.00	25.94 -0.03 0.00	24.93 -0.10 0.00	24.39 -0.22 0.00	24.10 -0.14 0.00	23.79 -0.26 0.00	24.42 -0.25 0.00	25.78 -0.05 0.00	28.64 0.40 0.00	31.88 0.35 0.00	36.25 0.61 0.00	40.81 0.95 0.00	42.97 1.17 0.00	45.69 0.45 0.00	54.09 -0.27 0.00	59.67 0.18 0.00	68.52 -0.34 0.00	75.17 0.82 0.00	67.90 0.07 0.00	55.22 -0.33 0.00	44.96 0.27 0.00	38.81 0.23 0.00	35.29 0.14 0.00
WHAVSTOR_138KV_BK127 55557	32.69 2.22 0.00	30.65 2.00 0.00	27.78 1.82 0.00	26.73 1.70 0.00	26.26 1.65 0.00	25.90 1.65 0.00	25.72 1.66 0.00	26.39 1.73 0.00	27.89 2.07 0.00	30.53 2.29 0.00	34.27 2.74 0.00	38.54 2.89 0.00	42.60 2.75 0.00	44.65 2.84 0.00	48.26 3.03 0.00	58.22 3.86 0.00	63.60 4.10 0.00	73.47 4.61 0.00	78.74 4.39 0.00	71.57 3.73 0.00	58.71 3.06 -0.11	47.28 2.59 0.00	41.24 2.66 0.00	37.68 2.53 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.69 2.22 0.00	30.65 2.00 0.00	27.78 1.82 0.00	26.73 1.70 0.00	26.26 1.65 0.00	25.90 1.65 0.00	25.72 1.66 0.00	26.39 1.73 0.00	27.89 2.07 0.00	30.53 2.29 0.00	34.27 2.74 0.00	38.54 2.89 0.00	42.60 2.75 0.00	44.65 2.84 0.00	48.26 3.03 0.00	58.22 3.86 0.00	63.60 4.10 0.00	73.47 4.61 0.00	78.74 4.39 0.00	71.57 3.73 0.00	58.71 3.06 -0.11	47.28 2.59 0.00	41.24 2.66 0.00	37.68 2.53 0.00
WHITEHAL_115KV_TB1 80871	33.00 2.53 0.00	31.08 2.43 0.00	28.12 2.15 0.00	27.08 2.05 0.00	26.50 1.89 0.00	26.14 1.89 0.00	25.86 1.80 0.00	26.34 1.68 0.00	27.74 1.91 0.00	30.22 1.98 0.00	33.48 1.95 0.00	38.00 2.35 0.00	42.76 2.91 0.00	44.73 2.93 0.00	48.49 3.26 0.00	58.98 4.62 0.00	64.97 5.47 0.00	75.40 6.54 0.00	82.90 8.55 0.00	76.18 8.34 0.00	63.90 7.11 -1.24	50.23 5.54 0.00	42.43 3.86 0.00	38.32 3.16 0.00
WHITEPLN_13_KV_LOAD 356215	33.27 2.80 0.00	31.10 2.46 0.00	28.20 2.23 0.00	27.13 2.10 0.00	26.65 2.04 0.00	26.29 2.04 0.00	26.13 2.07 0.00	26.84 2.17 0.00	28.38 2.56 0.00	31.07 2.82 0.00	34.94 3.41 0.00	39.21 3.56 0.00	43.48 3.63 0.00	45.57 3.76 0.00	49.26 4.03 0.00	59.52 5.16 0.00	65.02 5.53 0.00	75.19 6.33 0.00	80.60 6.25 0.00	73.19 5.36 0.00	60.00 4.33 -0.11	48.35 3.66 0.00	42.09 3.51 0.00	38.42 3.27 0.00
WM_FLOYD_69_KV_BK2 356380	44.96 3.63 -10.87	44.31 3.38 -12.29	40.63 2.99 -11.68	36.77 2.73 -9.01	33.59 2.66 -6.33	31.83 2.64 -4.94	26.63 2.57 0.00	27.40 2.74 0.00	39.55 3.18 -10.54	43.77 3.59 -11.94	54.24 4.19 -18.52	95.09 4.49 -54.94	138.30 4.58 -93.86	145.32 4.77 -98.75	143.47 5.11 -93.12	150.41 5.93 -90.13	267.08 6.66 -200.93	278.13 7.71 -201.56	307.82 7.73 -225.73	276.95 6.44 -202.67	171.83 5.33 -110.94	145.27 4.78 -95.80	91.27 4.40 -48.30	52.72 4.08 -13.49
WOODARD__115KV_TB2 355635	30.86 -0.09 -0.48	28.76 -0.14 -0.26	25.67 -0.18 0.11	24.76 -0.18 0.10	24.32 -0.20 0.09	23.95 -0.22 0.08	23.76 -0.22 0.08	24.38 -0.20 0.09	25.48 -0.23 0.11	28.11 -0.14 -0.01	31.68 -0.19 -0.34	36.22 -0.11 -0.68	40.71 -0.08 -0.94	42.57 -0.08 -0.85	46.36 -0.05 -1.17	56.17 -0.16 -1.98	62.26 -0.06 -2.83	72.33 -0.07 -3.54	79.58 0.30 -4.93	72.57 0.14 -4.60	58.02 -0.06 -2.52	46.36 0.04 -1.62	39.08 0.00 -0.50	35.87 -0.04 -0.75
YORK___WARBASSE 23770	33.34 2.86 -0.01	31.23 2.58 -0.01	28.31 2.34 -0.01	27.16 2.13 0.00	26.68 2.07 0.00	26.21 1.96 0.00	26.08 2.02 0.00	26.79 2.12 0.00	28.33 2.51 0.00	31.10 2.85 0.00	35.03 3.50 0.00	39.36 3.71 0.00	43.36 3.51 0.00	45.28 3.47 0.00	48.71 3.48 0.01	64.61 4.62 -5.62	76.57 4.88 -12.20	88.80 5.23 -14.71	79.40 5.06 0.01	79.05 4.21 -7.01	70.19 3.67 -10.97	47.95 3.26 0.00	42.29 3.70 -0.01	38.67 3.52 -0.01