

Time Weighted/Integrated Real Time LBMP- Generator

		--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion												
Generator Data		12/18/2025																								
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	
59TH STREET_GT_1 24138	EST	50.63	79.03	76.00	67.11	62.43	70.23	72.58	68.59	63.52	53.67	42.61	37.29	29.26	29.37	32.70	38.71	50.68	56.47	46.58	39.47	38.89	42.23	45.82	39.44	
		2.41	2.75	2.47	2.45	2.81	3.26	3.89	4.36	4.35	4.01	3.43	2.91	2.27	2.39	2.81	3.16	3.99	4.22	3.63	3.03	3.02	3.01	3.03	2.28	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
74TH STREET_GT_1 24260	EST	50.63	79.06	76.02	67.15	62.45	70.22	72.51	68.49	63.43	53.58	42.55	37.22	29.20	29.31	32.63	38.65	50.63	56.43	46.56	39.48	38.87	42.27	45.83	39.44	
		2.41	2.78	2.50	2.48	2.83	3.25	3.82	4.26	4.27	3.92	3.37	2.85	2.21	2.33	2.73	3.10	3.93	4.18	3.62	3.04	3.00	3.06	3.04	2.28	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
74TH STREET_GT_2 24261	EST	50.63	79.06	76.02	67.15	62.45	70.22	72.51	68.49	63.43	53.58	42.55	37.22	29.20	29.31	32.63	38.65	50.63	56.43	46.56	39.48	38.87	42.27	45.83	39.44	
		2.41	2.78	2.50	2.48	2.83	3.25	3.82	4.26	4.27	3.92	3.37	2.85	2.21	2.33	2.73	3.10	3.93	4.18	3.62	3.04	3.00	3.06	3.04	2.28	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK HUDSON___FALLS 24011	EST	51.13	80.18	77.51	68.43	63.32	71.54	73.44	68.80	63.24	52.46	41.28	36.09	28.29	28.32	31.35	37.49	49.68	55.55	45.43	38.46	37.88	41.83	45.49	39.40	
		2.91	3.90	3.99	3.76	3.70	4.57	4.74	4.57	4.08	2.80	2.10	1.72	1.30	1.34	1.45	1.95	2.98	3.30	2.48	2.03	2.01	2.62	2.70	2.24	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK RESOURCE___RCVRY 23798	EST	51.58	80.75	78.09	68.98	63.85	72.26	74.26	69.63	63.98	52.85	41.55	36.33	28.48	28.51	31.49	37.74	50.24	56.17	45.83	38.79	38.14	42.27	45.94	39.75	
		3.36	4.48	4.57	4.33	4.23	5.30	5.57	5.40	4.82	3.19	2.37	1.96	1.48	1.52	1.59	2.19	3.55	3.92	2.88	2.35	2.27	3.06	3.14	2.58	
		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	0.00	0.00	0.00	0.00	
ADK S GLENS___FALLS 24028	EST	51.13	80.18	77.51	68.43	63.32	71.54	73.44	68.80	63.24	52.46	41.28	36.09	28.29	28.32	31.35	37.49	49.68	55.55	45.43	38.46	37.88	41.83	45.49	39.40	
		2.91	3.90	3.99	3.76	3.70	4.57	4.74	4.57	4.08	2.80	2.10	1.72	1.30	1.34	1.45	1.95	2.98	3.30	2.48	2.03	2.01	2.62	2.70	2.24	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK_NYS___DAM 23527	EST	50.60	79.53	76.87	67.88	62.72	70.65	72.14	67.49	62.15	52.12	41.15	36.01	28.27	28.29	31.15	36.92	48.36	54.05	44.20	37.50	37.11	41.13	44.91	39.01	
		2.38	3.25	3.34	3.22	3.11	3.69	3.44	3.26	2.98	2.46	1.97	1.64	1.27	1.30	1.26	1.37	1.67	1.80	1.26	1.07	1.24	1.92	2.12	1.85	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AIR_PRODUCTS___DRP 24190	EST	49.52	77.99	75.31	66.39	61.39	68.93	70.00	65.10	60.10	50.47	39.74	34.89	27.44	27.47	30.40	36.10	47.22	52.80	43.38	36.79	36.28	39.86	43.72	38.23	
		1.30	1.72	1.79	1.73	1.78	1.97	1.31	0.87	0.93	0.81	0.56	0.52	0.45	0.49	0.50	0.55	0.52	0.55	0.43	0.36	0.41	0.64	0.93	1.07	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AKWESSNE_115KV_BK 355683	EST	48.96	77.91	75.17	65.99	60.65	68.01	69.88	65.21	59.89	50.36	39.59	34.83	27.40	27.29	30.10	35.76	47.02	52.69	43.20	36.65	36.00	39.39	43.12	37.56	
		0.74	1.64	1.64	1.33	1.04	1.04	1.19	0.98	0.73	0.70	0.41	0.45	0.41	0.31	0.20	0.21	0.33	0.45	0.25	0.22	0.14	0.18	0.33	0.40	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_1_SOLAR 323833	EST	50.03	78.88	76.13	67.13	62.03	69.72	71.07	66.24	60.87	50.83	40.01	35.06	27.54	27.57	30.57	36.52	48.02	53.75	44.15	37.42	36.87	40.45	44.23	38.55	
		1.81	2.60	2.61	2.47	2.42	2.75	2.38	2.01	1.71	1.18	0.83	0.69	0.55	0.59	0.68	0.97	1.32	1.50	1.20	0.99	1.01	1.24	1.44	1.39	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_2_SOLAR 323834	EST	50.01	78.88	76.12	67.11	62.02	69.69	71.05	66.21	60.86	50.83	40.01	35.06	27.54	27.57	30.57	36.52	48.00	53.73	44.13	37.41	36.85	40.44	44.22	38.53	
		1.79	2.60	2.59	2.45	2.41	2.73	2.35	1.98	1.70	1.17	0.83	0.69	0.55	0.59	0.67	0.97	1.31	1.48	1.18	0.98	0.99	1.23	1.43	1.37	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY___1 23571	EST	49.52	77.99	75.31	66.39	61.39	68.93	70.00	65.10	60.10	50.47	39.74	34.89	27.44	27.47	30.40	36.10	47.22	52.80	43.38	36.79	36.28	39.86	43.72	38.23	
		1.30	1.72	1.79	1.73	1.78	1.97	1.31	0.87	0.93	0.81	0.56	0.52	0.45	0.49	0.50	0.55	0.52	0.55	0.43	0.36	0.41	0.64	0.93	1.07	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

ALBANY___2 23572	49.52 1.30 0.00	77.99 1.72 0.00	75.31 1.79 0.00	66.39 1.73 0.00	61.39 1.78 0.00	68.93 1.97 0.00	70.00 1.31 0.00	65.10 0.87 0.00	60.10 0.93 0.00	50.47 0.81 0.00	39.74 0.56 0.00	34.89 0.52 0.00	27.44 0.45 0.00	27.47 0.49 0.00	30.40 0.50 0.00	36.10 0.55 0.00	47.22 0.52 0.00	52.80 0.55 0.00	43.38 0.43 0.00	36.79 0.36 0.00	36.28 0.41 0.00	39.86 0.64 0.00	43.72 0.93 0.00	38.23 1.07 0.00
ALBANY___3 23573	49.52 1.30 0.00	77.99 1.72 0.00	75.31 1.79 0.00	66.39 1.73 0.00	61.39 1.78 0.00	68.93 1.97 0.00	70.00 1.31 0.00	65.10 0.87 0.00	60.10 0.93 0.00	50.47 0.81 0.00	39.74 0.56 0.00	34.89 0.52 0.00	27.44 0.45 0.00	27.47 0.49 0.00	30.40 0.50 0.00	36.10 0.55 0.00	47.22 0.52 0.00	52.80 0.55 0.00	43.38 0.43 0.00	36.79 0.36 0.00	36.28 0.41 0.00	39.86 0.64 0.00	43.72 0.93 0.00	38.23 1.07 0.00
ALBANY___4 23574	49.52 1.30 0.00	77.99 1.72 0.00	75.31 1.79 0.00	66.39 1.73 0.00	61.39 1.78 0.00	68.93 1.97 0.00	70.00 1.31 0.00	65.10 0.87 0.00	60.10 0.93 0.00	50.47 0.81 0.00	39.74 0.56 0.00	34.89 0.52 0.00	27.44 0.45 0.00	27.47 0.49 0.00	30.40 0.50 0.00	36.10 0.55 0.00	47.22 0.52 0.00	52.80 0.55 0.00	43.38 0.43 0.00	36.79 0.36 0.00	36.28 0.41 0.00	39.86 0.64 0.00	43.72 0.93 0.00	38.23 1.07 0.00
ALBANY___LFGE 323615	49.92 1.70 0.00	78.62 2.35 0.00	75.90 2.38 0.00	66.91 2.25 0.00	61.88 2.26 0.00	69.51 2.55 0.00	70.69 2.00 0.00	65.80 1.57 0.00	60.70 1.54 0.00	50.99 1.33 0.00	40.15 0.97 0.00	35.24 0.87 0.00	27.71 0.72 0.00	27.75 0.77 0.00	30.72 0.82 0.00	36.50 0.95 0.00	47.76 1.06 0.00	53.40 1.16 0.00	43.85 0.91 0.00	37.18 0.74 0.00	36.63 0.77 0.00	40.26 1.05 0.00	44.13 1.34 0.00	38.56 1.39 0.00
ALCOA_PA_115KV_PL-6C 55860	49.35 1.12 0.00	78.51 2.23 0.00	75.72 2.20 0.00	66.45 1.79 0.00	61.10 1.48 0.00	68.46 1.50 0.00	70.38 1.68 0.00	65.66 1.43 0.00	60.28 1.11 0.00	50.65 1.00 0.00	39.81 0.63 0.00	35.00 0.63 0.00	27.55 0.56 0.00	27.44 0.46 0.00	30.28 0.39 0.00	35.98 0.43 0.00	47.29 0.60 0.00	52.98 0.74 0.00	43.44 0.49 0.00	36.85 0.41 0.00	36.18 0.32 0.00	39.61 0.40 0.00	43.41 0.62 0.00	37.84 0.68 0.00
ALCOA_RYNLDS___DRP 24188	49.35 1.12 0.00	78.51 2.24 0.00	75.72 2.20 0.00	66.46 1.79 0.00	61.10 1.48 0.00	68.46 1.50 0.00	70.38 1.68 0.00	65.66 1.43 0.00	60.28 1.11 0.00	50.66 1.00 0.00	39.81 0.63 0.00	35.00 0.63 0.00	27.55 0.56 0.00	27.44 0.46 0.00	30.28 0.39 0.00	35.98 0.43 0.00	47.29 0.60 0.00	52.98 0.74 0.00	43.44 0.50 0.00	36.84 0.41 0.00	36.18 0.32 0.00	39.61 0.40 0.00	43.41 0.62 0.00	37.84 0.68 0.00
ALCOA___DSASP 323711	49.35 1.12 0.00	78.51 2.24 0.00	75.72 2.20 0.00	66.46 1.79 0.00	61.10 1.48 0.00	68.46 1.50 0.00	70.38 1.68 0.00	65.66 1.43 0.00	60.28 1.11 0.00	50.66 1.00 0.00	39.81 0.63 0.00	35.00 0.63 0.00	27.55 0.56 0.00	27.44 0.46 0.00	30.28 0.39 0.00	35.98 0.43 0.00	47.29 0.60 0.00	52.98 0.74 0.00	43.44 0.50 0.00	36.84 0.41 0.00	36.18 0.32 0.00	39.61 0.40 0.00	43.41 0.62 0.00	37.84 0.68 0.00
ALLEGHENY___COGEN 23514	47.50 -0.73 0.00	75.45 -0.82 0.00	72.45 -1.07 0.00	63.38 -1.29 0.00	57.75 -1.87 -0.01	126.07 -2.72 -61.82	143.22 -2.16 -76.69	136.04 -1.74 -73.54	77.57 -1.78 -20.19	47.66 -2.00 0.00	37.37 -1.81 0.00	32.33 -2.05 0.00	25.14 -1.85 0.00	25.12 -1.86 0.00	27.90 -1.99 0.00	34.08 -1.47 0.00	45.80 -0.90 0.00	51.66 -0.59 0.00	42.44 -0.50 0.00	36.99 -0.51 -1.06	40.38 -0.47 -4.98	38.40 -0.81 0.00	42.13 -0.66 0.00	36.63 -0.54 0.00
ALTAMONT_115KV_TB 2 55880	49.33 1.11 0.00	77.74 1.46 0.00	74.99 1.47 0.00	66.11 1.45 0.00	61.13 1.51 0.00	68.69 1.72 0.00	70.09 1.40 0.00	65.48 1.25 0.00	60.40 1.24 0.00	50.72 1.06 0.00	40.00 0.82 0.00	35.06 0.69 0.00	27.54 0.55 0.00	27.58 0.60 0.00	30.56 0.67 0.00	36.31 0.76 0.00	47.61 0.91 0.00	53.24 0.99 0.00	43.77 0.82 0.00	37.12 0.69 0.00	36.58 0.71 0.00	40.09 0.88 0.00	43.78 0.99 0.00	38.08 0.91 0.00
ALTONA_WT_PWR 323606	49.35 1.13 0.00	78.64 2.36 0.00	75.88 2.35 0.00	66.65 1.99 0.00	61.38 1.76 0.00	68.87 1.90 0.00	70.74 2.04 0.00	66.18 1.96 0.00	60.51 1.34 0.00	50.44 0.78 0.00	39.33 0.15 0.00	34.72 0.35 0.00	27.38 0.39 0.00	27.22 0.24 0.00	29.81 -0.08 0.00	35.23 -0.32 0.00	46.28 -0.41 0.00	51.72 -0.52 0.00	42.32 -0.62 0.00	35.89 -0.54 0.00	35.21 -0.65 0.00	38.63 -0.58 0.00	42.16 -0.64 0.00	36.68 -0.48 0.00
AMERICAN_REF_FUEL 24010	44.96 -3.26 0.00	69.79 -6.48 0.00	66.33 -7.20 0.00	58.08 -6.58 0.00	52.90 -6.71 0.00	45.26 -8.37 13.34	43.44 -9.03 16.22	39.74 -8.90 15.59	46.22 -8.59 4.35	42.96 -6.69 0.00	34.44 -4.74 0.00	30.12 -4.26 0.00	23.48 -3.51 0.00	23.27 -3.71 0.00	25.68 -4.22 0.00	30.69 -4.87 0.00	40.71 -5.98 0.00	45.80 -6.45 0.00	37.67 -5.28 0.00	31.54 -4.65 0.24	30.43 -4.30 1.14	34.34 -4.87 0.00	38.38 -4.41 0.00	33.95 -3.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	46.14 -2.08 0.00	72.10 -4.18 0.00	67.32 -6.21 0.00	58.32 -6.34 0.00	53.19 -6.42 0.00	47.58 -7.63 11.75	46.56 -7.61 14.52	42.86 -7.44 13.93	48.92 -6.41 3.83	44.41 -5.25 0.00	35.48 -3.70 0.00	30.72 -3.65 0.00	23.79 -3.20 0.00	22.16 -3.24 1.58	24.58 -3.55 1.76	31.89 -3.67 0.00	41.93 -4.76 0.00	46.99 -5.25 0.00	38.81 -4.14 0.00	32.50 -3.70 0.24	31.11 -3.63 1.13	35.48 -3.73 0.00	39.34 -3.45 0.00	34.33 -2.83 0.00
ARTHUR KILL_GT_1 23520	50.68 2.45 0.00	78.49 2.22 0.00	75.41 1.89 0.00	66.84 2.17 0.00	62.32 2.71 0.00	69.96 3.00 0.00	72.16 3.47 0.00	68.23 4.00 0.00	63.11 3.94 0.00	53.36 3.70 0.00	42.43 3.25 0.00	37.10 2.73 0.00	29.09 2.09 0.00	29.18 2.20 0.00	32.50 2.61 0.00	38.45 2.90 0.00	50.46 3.76 0.00	56.22 3.98 0.00	46.57 3.62 0.00	39.52 3.08 0.00	38.90 3.03 0.00	42.32 3.11 0.00	45.78 2.99 0.00	39.27 2.12 0.01
ARTHUR_KILL_2 23512	50.52 2.30 0.00	78.23 1.96 0.00	75.18 1.65 0.00	66.63 1.97 0.00	62.12 2.51 0.00	69.66 2.69 0.00	71.87 3.18 0.00	67.93 3.70 0.00	62.89 3.73 0.00	53.22 3.56 0.00	42.30 3.12 0.00	37.00 2.63 0.00	29.01 2.02 0.00	29.11 2.13 0.00	32.41 2.52 0.00	38.35 2.80 0.00	50.29 3.60 0.00	56.04 3.80 0.00	46.43 3.48 0.00	39.39 2.95 0.00	38.81 2.94 0.00	42.20 2.99 0.00	45.66 2.87 0.00	39.16 2.00 0.01
ARTHUR_KILL_3 23513	50.05 1.83 0.00	78.11 1.84 0.00	75.07 1.54 0.00	66.30 1.64 0.00	61.67 2.06 0.00	69.33 2.37 0.00	71.61 2.92 0.00	67.64 3.41 0.00	62.65 3.49 0.00	52.94 3.29 0.00	42.06 2.88 0.00	36.79 2.42 0.00	28.87 1.88 0.00	28.96 1.98 0.00	32.24 2.35 0.00	38.19 2.64 0.00	50.00 3.31 0.00	55.74 3.50 0.00	46.00 3.06 0.00	39.02 2.58 0.00	38.44 2.57 0.00	41.76 2.55 0.00	45.26 2.47 0.00	38.93 1.78 0.01

ARTHUR_KILL_COGEN 323718	50.68 2.46 0.00	78.49 2.22 0.00	75.41 1.89 0.00	66.83 2.17 0.00	62.31 2.69 0.00	69.89 2.93 0.00	72.10 3.41 0.00	68.17 3.93 0.00	63.09 3.93 0.00	53.38 3.72 0.00	42.43 3.25 0.00	37.10 2.73 0.00	29.09 2.10 0.00	29.18 2.20 0.00	32.50 2.61 0.00	38.46 2.90 0.00	50.45 3.76 0.00	56.22 3.97 0.00	46.58 3.63 0.00	39.51 3.08 0.00	38.93 3.06 0.00	42.32 3.11 0.00	45.80 3.00 0.00	39.27 2.11 0.01
ASHOKAN____ 23654	50.97 2.75 0.00	80.10 3.83 0.00	77.16 3.64 0.00	68.14 3.48 0.00	63.19 3.57 0.00	71.16 4.19 0.00	73.04 4.35 0.00	68.62 4.39 0.00	63.25 4.09 0.00	52.76 3.11 0.00	41.43 2.25 0.00	36.04 1.66 0.00	28.25 1.25 0.00	28.32 1.34 0.00	31.51 1.62 0.00	37.67 2.12 0.00	49.72 3.03 0.00	55.87 3.62 0.00	46.12 3.18 0.00	39.00 2.57 0.00	38.39 2.52 0.00	41.81 2.60 0.00	45.40 2.61 0.00	39.17 2.01 0.00
ASTORIA_EAST_ENERGY_CC1 323581	50.24 2.02 0.00	78.23 1.96 0.00	75.28 1.76 0.00	66.74 2.07 0.00	62.05 2.43 0.00	69.64 2.67 0.00	71.77 3.08 0.00	67.93 3.70 0.00	63.05 3.89 0.00	53.01 3.35 0.00	42.17 2.99 0.00	36.91 2.54 0.00	28.96 1.97 0.00	29.07 2.09 0.00	32.50 2.60 0.00	38.35 2.79 0.00	50.08 3.38 0.00	55.82 3.57 0.00	46.33 3.38 0.00	39.27 2.83 0.00	38.69 2.82 0.00	42.03 2.82 0.00	45.51 2.72 0.00	39.21 2.05 0.00
ASTORIA_EAST_ENERGY_CC2 323582	50.24 2.02 0.00	78.23 1.96 0.00	75.28 1.76 0.00	66.73 2.07 0.00	62.05 2.43 0.00	69.64 2.67 0.00	71.77 3.08 0.00	67.93 3.70 0.00	63.05 3.89 0.00	53.01 3.35 0.00	42.17 2.99 0.00	36.91 2.54 0.00	28.96 1.97 0.00	29.07 2.09 0.00	32.49 2.60 0.00	38.35 2.79 0.00	50.08 3.38 0.00	55.82 3.57 0.00	46.33 3.38 0.00	39.26 2.82 0.00	38.69 2.82 0.00	42.02 2.81 0.00	45.51 2.72 0.00	39.21 2.04 0.00
ASTORIA_GT2_1 24094	50.26 2.03 0.00	78.28 2.01 0.00	75.31 1.79 0.00	66.77 2.11 0.00	62.11 2.49 0.00	69.69 2.73 0.00	71.89 3.19 0.00	68.01 3.78 0.00	63.10 3.94 0.00	53.01 3.35 0.00	42.19 3.01 0.00	36.93 2.56 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.61 0.00	38.35 2.79 0.00	50.10 3.41 0.00	55.85 3.60 0.00	46.34 3.39 0.00	39.28 2.84 0.00	38.67 2.80 0.00	42.03 2.82 0.00	45.50 2.71 0.00	39.22 2.06 0.00
ASTORIA_GT2_2 24095	50.26 2.03 0.00	78.28 2.01 0.00	75.31 1.79 0.00	66.77 2.11 0.00	62.11 2.49 0.00	69.69 2.73 0.00	71.89 3.19 0.00	68.01 3.78 0.00	63.10 3.94 0.00	53.01 3.35 0.00	42.19 3.01 0.00	36.93 2.56 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.61 0.00	38.35 2.79 0.00	50.10 3.41 0.00	55.85 3.60 0.00	46.34 3.39 0.00	39.28 2.84 0.00	38.67 2.80 0.00	42.03 2.82 0.00	45.50 2.71 0.00	39.22 2.06 0.00
ASTORIA_GT2_3 24096	50.26 2.03 0.00	78.28 2.01 0.00	75.31 1.79 0.00	66.77 2.11 0.00	62.11 2.49 0.00	69.69 2.73 0.00	71.89 3.19 0.00	68.01 3.78 0.00	63.10 3.94 0.00	53.01 3.35 0.00	42.19 3.01 0.00	36.93 2.56 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.61 0.00	38.35 2.79 0.00	50.10 3.41 0.00	55.85 3.60 0.00	46.34 3.39 0.00	39.28 2.84 0.00	38.67 2.80 0.00	42.03 2.82 0.00	45.50 2.71 0.00	39.22 2.06 0.00
ASTORIA_GT2_4 24097	50.26 2.03 0.00	78.28 2.01 0.00	75.31 1.79 0.00	66.77 2.11 0.00	62.11 2.49 0.00	69.69 2.73 0.00	71.89 3.19 0.00	68.01 3.78 0.00	63.10 3.94 0.00	53.01 3.35 0.00	42.19 3.01 0.00	36.93 2.56 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.61 0.00	38.35 2.79 0.00	50.10 3.41 0.00	55.85 3.60 0.00	46.34 3.39 0.00	39.28 2.84 0.00	38.67 2.80 0.00	42.03 2.82 0.00	45.50 2.71 0.00	39.22 2.06 0.00
ASTORIA_GT3_1 24098	50.26 2.03 0.00	78.28 2.01 0.00	75.31 1.79 0.00	66.77 2.11 0.00	62.11 2.49 0.00	69.69 2.73 0.00	71.89 3.19 0.00	68.01 3.78 0.00	63.10 3.94 0.00	53.01 3.35 0.00	42.19 3.01 0.00	36.93 2.56 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.61 0.00	38.35 2.79 0.00	50.10 3.41 0.00	55.85 3.60 0.00	46.34 3.39 0.00	39.28 2.84 0.00	38.67 2.80 0.00	42.03 2.82 0.00	45.50 2.71 0.00	39.22 2.06 0.00
ASTORIA_GT3_2 24099	50.26 2.03 0.00	78.28 2.01 0.00	75.31 1.79 0.00	66.77 2.11 0.00	62.11 2.49 0.00	69.69 2.73 0.00	71.89 3.19 0.00	68.01 3.78 0.00	63.10 3.94 0.00	53.01 3.35 0.00	42.19 3.01 0.00	36.93 2.56 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.61 0.00	38.35 2.79 0.00	50.10 3.41 0.00	55.85 3.60 0.00	46.34 3.39 0.00	39.28 2.84 0.00	38.67 2.80 0.00	42.03 2.82 0.00	45.50 2.71 0.00	39.22 2.06 0.00
ASTORIA_GT3_3 24100	50.26 2.03 0.00	78.28 2.01 0.00	75.31 1.79 0.00	66.77 2.11 0.00	62.11 2.49 0.00	69.69 2.73 0.00	71.89 3.19 0.00	68.01 3.78 0.00	63.10 3.94 0.00	53.01 3.35 0.00	42.19 3.01 0.00	36.93 2.56 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.61 0.00	38.35 2.79 0.00	50.10 3.41 0.00	55.85 3.60 0.00	46.34 3.39 0.00	39.28 2.84 0.00	38.67 2.80 0.00	42.03 2.82 0.00	45.50 2.71 0.00	39.22 2.06 0.00
ASTORIA_GT3_4 24101	50.26 2.03 0.00	78.28 2.01 0.00	75.31 1.79 0.00	66.77 2.11 0.00	62.11 2.49 0.00	69.69 2.73 0.00	71.89 3.19 0.00	68.01 3.78 0.00	63.10 3.94 0.00	53.01 3.35 0.00	42.19 3.01 0.00	36.93 2.56 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.61 0.00	38.35 2.79 0.00	50.10 3.41 0.00	55.85 3.60 0.00	46.34 3.39 0.00	39.28 2.84 0.00	38.67 2.80 0.00	42.03 2.82 0.00	45.50 2.71 0.00	39.22 2.06 0.00
ASTORIA_GT4_1 24102	50.26 2.03 0.00	78.28 2.01 0.00	75.31 1.79 0.00	66.77 2.11 0.00	62.11 2.49 0.00	69.69 2.73 0.00	71.89 3.19 0.00	68.01 3.78 0.00	63.10 3.94 0.00	53.01 3.35 0.00	42.19 3.01 0.00	36.93 2.56 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.61 0.00	38.35 2.79 0.00	50.10 3.41 0.00	55.85 3.60 0.00	46.34 3.39 0.00	39.28 2.84 0.00	38.67 2.80 0.00	42.03 2.82 0.00	45.50 2.71 0.00	39.22 2.06 0.00
ASTORIA_GT4_2 24103	50.26 2.03 0.00	78.28 2.01 0.00	75.31 1.79 0.00	66.77 2.11 0.00	62.11 2.49 0.00	69.69 2.73 0.00	71.89 3.19 0.00	68.01 3.78 0.00	63.10 3.94 0.00	53.01 3.35 0.00	42.19 3.01 0.00	36.93 2.56 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.61 0.00	38.35 2.79 0.00	50.10 3.41 0.00	55.85 3.60 0.00	46.34 3.39 0.00	39.28 2.84 0.00	38.67 2.80 0.00	42.03 2.82 0.00	45.50 2.71 0.00	39.22 2.06 0.00
ASTORIA_GT4_3 24104	50.26 2.03 0.00	78.28 2.01 0.00	75.31 1.79 0.00	66.77 2.11 0.00	62.11 2.49 0.00	69.69 2.73 0.00	71.89 3.19 0.00	68.01 3.78 0.00	63.10 3.94 0.00	53.01 3.35 0.00	42.19 3.01 0.00	36.93 2.56 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.61 0.00	38.35 2.79 0.00	50.10 3.41 0.00	55.85 3.60 0.00	46.34 3.39 0.00	39.28 2.84 0.00	38.67 2.80 0.00	42.03 2.82 0.00	45.50 2.71 0.00	39.22 2.06 0.00

ASTORIA_GT4_4 24105	50.26 2.03 0.00	78.28 2.01 0.00	75.31 1.79 0.00	66.77 2.11 0.00	62.11 2.49 0.00	69.69 2.73 0.00	71.89 3.19 0.00	68.01 3.78 0.00	63.10 3.94 0.00	53.01 3.35 0.00	42.19 3.01 0.00	36.93 2.56 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.61 0.00	38.35 2.79 0.00	50.10 3.41 0.00	55.85 3.60 0.00	46.34 3.39 0.00	39.28 2.84 0.00	38.67 2.80 0.00	42.03 2.82 0.00	45.50 2.71 0.00	39.22 2.06 0.00
ASTORIA_GT_1 23523	50.35 2.13 0.00	78.41 2.13 0.00	75.43 1.90 0.00	66.86 2.20 0.00	62.20 2.59 0.00	69.80 2.84 0.00	72.00 3.31 0.00	68.14 3.91 0.00	63.24 4.07 0.00	53.11 3.46 0.00	42.27 3.09 0.00	37.00 2.63 0.00	29.04 2.04 0.00	29.14 2.16 0.00	32.56 2.67 0.00	38.42 2.86 0.00	50.20 3.50 0.00	55.96 3.72 0.00	46.43 3.49 0.00	39.36 2.92 0.00	38.74 2.87 0.00	42.11 2.90 0.00	45.57 2.78 0.00	39.29 2.12 0.00
ASTORIA_GT_10 24110	50.26 2.04 0.00	78.34 2.06 0.00	75.35 1.83 0.00	66.68 2.02 0.00	61.98 2.36 0.00	69.61 2.65 0.00	71.85 3.15 0.00	67.91 3.68 0.00	62.98 3.81 0.00	53.18 3.52 0.00	42.35 3.17 0.00	37.06 2.69 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.56 2.67 0.00	38.40 2.85 0.00	50.25 3.55 0.00	55.99 3.75 0.00	46.34 3.40 0.00	39.28 2.84 0.00	38.70 2.84 0.00	42.01 2.80 0.00	45.60 2.81 0.00	39.34 2.18 0.00
ASTORIA_GT_11 24225	50.26 2.04 0.00	78.34 2.06 0.00	75.35 1.83 0.00	66.68 2.02 0.00	61.98 2.36 0.00	69.61 2.65 0.00	71.85 3.15 0.00	67.91 3.68 0.00	62.98 3.81 0.00	53.18 3.52 0.00	42.35 3.17 0.00	37.06 2.69 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.56 2.67 0.00	38.40 2.85 0.00	50.25 3.55 0.00	55.99 3.75 0.00	46.34 3.40 0.00	39.28 2.84 0.00	38.70 2.84 0.00	42.01 2.80 0.00	45.60 2.81 0.00	39.34 2.18 0.00
ASTORIA_GT_12 24226	50.26 2.04 0.00	78.34 2.06 0.00	75.35 1.83 0.00	66.68 2.02 0.00	61.98 2.36 0.00	69.61 2.65 0.00	71.85 3.15 0.00	67.91 3.68 0.00	62.98 3.81 0.00	53.18 3.52 0.00	42.35 3.17 0.00	37.06 2.69 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.56 2.67 0.00	38.40 2.85 0.00	50.25 3.55 0.00	55.99 3.75 0.00	46.34 3.40 0.00	39.28 2.84 0.00	38.70 2.84 0.00	42.01 2.80 0.00	45.60 2.81 0.00	39.34 2.18 0.00
ASTORIA_GT_13 24227	50.26 2.04 0.00	78.34 2.06 0.00	75.35 1.83 0.00	66.68 2.02 0.00	61.98 2.36 0.00	69.61 2.65 0.00	71.85 3.15 0.00	67.91 3.68 0.00	62.98 3.81 0.00	53.18 3.52 0.00	42.35 3.17 0.00	37.06 2.69 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.56 2.67 0.00	38.40 2.85 0.00	50.25 3.55 0.00	55.99 3.75 0.00	46.34 3.40 0.00	39.28 2.84 0.00	38.70 2.84 0.00	42.01 2.80 0.00	45.60 2.81 0.00	39.34 2.18 0.00
ASTORIA_GT_5 24106	50.35 2.13 0.00	78.41 2.13 0.00	75.43 1.90 0.00	66.86 2.20 0.00	62.20 2.59 0.00	69.80 2.84 0.00	72.00 3.31 0.00	68.14 3.91 0.00	63.24 4.07 0.00	53.11 3.46 0.00	42.27 3.09 0.00	37.00 2.63 0.00	29.04 2.04 0.00	29.14 2.16 0.00	32.56 2.67 0.00	38.42 2.86 0.00	50.20 3.50 0.00	55.96 3.72 0.00	46.43 3.49 0.00	39.36 2.92 0.00	38.74 2.87 0.00	42.11 2.90 0.00	45.57 2.78 0.00	39.29 2.12 0.00
ASTORIA_GT_7 24107	50.35 2.13 0.00	78.41 2.13 0.00	75.43 1.90 0.00	66.86 2.20 0.00	62.20 2.59 0.00	69.80 2.84 0.00	72.00 3.31 0.00	68.14 3.91 0.00	63.24 4.07 0.00	53.11 3.46 0.00	42.27 3.09 0.00	37.00 2.63 0.00	29.04 2.04 0.00	29.14 2.16 0.00	32.56 2.67 0.00	38.42 2.86 0.00	50.20 3.50 0.00	55.96 3.72 0.00	46.43 3.49 0.00	39.36 2.92 0.00	38.74 2.87 0.00	42.11 2.90 0.00	45.57 2.78 0.00	39.29 2.12 0.00
ASTORIA_GT_8 24108	50.35 2.13 0.00	78.41 2.13 0.00	75.43 1.90 0.00	66.86 2.20 0.00	62.20 2.59 0.00	69.80 2.84 0.00	72.00 3.31 0.00	68.14 3.91 0.00	63.24 4.07 0.00	53.11 3.46 0.00	42.27 3.09 0.00	37.00 2.63 0.00	29.04 2.04 0.00	29.14 2.16 0.00	32.56 2.67 0.00	38.42 2.86 0.00	50.20 3.50 0.00	55.96 3.72 0.00	46.43 3.49 0.00	39.36 2.92 0.00	38.74 2.87 0.00	42.11 2.90 0.00	45.57 2.78 0.00	39.29 2.12 0.00
ASTORIA___2 24149	50.26 2.04 0.00	78.28 2.01 0.00	75.31 1.79 0.00	66.77 2.11 0.00	62.07 2.45 0.00	69.65 2.69 0.00	71.82 3.13 0.00	67.97 3.73 0.00	63.07 3.90 0.00	53.04 3.38 0.00	42.19 3.01 0.00	36.93 2.56 0.00	28.98 1.99 0.00	29.08 2.10 0.00	32.50 2.61 0.00	38.35 2.80 0.00	50.09 3.40 0.00	55.84 3.60 0.00	46.35 3.40 0.00	39.28 2.85 0.00	38.70 2.83 0.00	42.03 2.82 0.00	45.53 2.74 0.00	39.22 2.06 0.00
ASTORIA___3 23516	50.27 2.05 0.00	78.33 2.06 0.00	75.35 1.83 0.00	66.68 2.02 0.00	61.95 2.33 0.00	69.57 2.61 0.00	71.79 3.10 0.00	67.87 3.64 0.00	62.96 3.79 0.00	53.19 3.54 0.00	42.35 3.17 0.00	37.06 2.69 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.56 2.66 0.00	38.40 2.85 0.00	50.25 3.55 0.00	55.99 3.75 0.00	46.35 3.40 0.00	39.28 2.84 0.00	38.73 2.86 0.00	42.01 2.80 0.00	45.62 2.83 0.00	39.34 2.18 0.00
ASTORIA___4 23517	50.26 2.04 0.00	78.34 2.06 0.00	75.35 1.83 0.00	66.68 2.02 0.00	61.98 2.36 0.00	69.61 2.65 0.00	71.85 3.15 0.00	67.91 3.68 0.00	62.98 3.81 0.00	53.18 3.52 0.00	42.35 3.17 0.00	37.06 2.69 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.56 2.67 0.00	38.40 2.85 0.00	50.25 3.55 0.00	55.99 3.75 0.00	46.34 3.40 0.00	39.28 2.84 0.00	38.70 2.84 0.00	42.01 2.80 0.00	45.60 2.81 0.00	39.34 2.18 0.00
ASTORIA___5 23518	50.27 2.05 0.00	78.33 2.06 0.00	75.35 1.83 0.00	66.68 2.02 0.00	61.95 2.33 0.00	69.57 2.61 0.00	71.79 3.10 0.00	67.87 3.64 0.00	62.96 3.79 0.00	53.19 3.54 0.00	42.35 3.17 0.00	37.06 2.69 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.56 2.66 0.00	38.40 2.85 0.00	50.25 3.55 0.00	55.99 3.75 0.00	46.35 3.40 0.00	39.28 2.84 0.00	38.73 2.86 0.00	42.01 2.80 0.00	45.62 2.83 0.00	39.34 2.18 0.00
AST_ENERGY_2_CC3 323677	37.69 1.93 12.46	43.68 2.02 34.61	53.15 1.75 22.12	52.90 1.83 13.60	52.77 2.25 9.09	52.03 2.58 17.51	42.85 3.12 28.97	42.85 3.61 24.99	44.81 3.66 18.01	53.07 3.42 0.00	42.14 2.96 0.00	36.88 2.50 0.00	28.93 1.93 0.00	29.02 2.04 0.00	32.33 2.44 0.00	38.29 2.74 0.00	48.57 3.44 1.57	50.54 3.62 5.32	46.13 3.18 0.00	39.12 2.68 0.00	38.53 2.66 0.00	41.70 2.67 0.18	45.43 2.64 0.00	38.05 1.92 1.02
AST_ENERGY_2_CC4 323678	37.69 1.93 12.46	43.68 2.02 34.61	53.15 1.75 22.12	52.90 1.83 13.60	52.77 2.25 9.09	52.03 2.58 17.51	42.85 3.12 28.97	42.85 3.61 24.99	44.81 3.66 18.01	53.07 3.42 0.00	42.14 2.96 0.00	36.88 2.50 0.00	28.93 1.93 0.00	29.02 2.04 0.00	32.33 2.44 0.00	38.29 2.74 0.00	48.57 3.44 1.57	50.54 3.62 5.32	46.13 3.18 0.00	39.12 2.68 0.00	38.53 2.66 0.00	41.70 2.67 0.18	45.43 2.64 0.00	38.05 1.92 1.02

ATHENS_STG_1 23668	49.58 1.36 0.00	77.99 1.71 0.00	75.12 1.60 0.00	66.33 1.66 0.00	61.42 1.81 0.00	69.02 2.06 0.00	70.68 1.98 0.00	66.32 2.09 0.00	61.27 2.11 0.00	51.54 1.88 0.00	40.77 1.59 0.00	35.67 1.30 0.00	27.99 0.99 0.00	28.06 1.08 0.00	31.16 1.27 0.00	36.93 1.38 0.00	48.46 1.76 0.00	54.14 1.90 0.00	44.57 1.62 0.00	37.81 1.38 0.00	37.25 1.38 0.00	40.67 1.46 0.00	44.25 1.46 0.00	38.26 1.10 0.00
ATHENS_STG_2 23670	49.58 1.36 0.00	77.99 1.71 0.00	75.12 1.60 0.00	66.33 1.66 0.00	61.42 1.81 0.00	69.02 2.06 0.00	70.68 1.98 0.00	66.32 2.09 0.00	61.27 2.11 0.00	51.54 1.88 0.00	40.77 1.59 0.00	35.67 1.30 0.00	27.99 0.99 0.00	28.06 1.08 0.00	31.16 1.27 0.00	36.93 1.38 0.00	48.46 1.76 0.00	54.14 1.90 0.00	44.57 1.62 0.00	37.81 1.38 0.00	37.25 1.38 0.00	40.67 1.46 0.00	44.25 1.46 0.00	38.26 1.10 0.00
ATHENS_STG_3 23677	49.58 1.36 0.00	77.99 1.71 0.00	75.12 1.60 0.00	66.33 1.66 0.00	61.42 1.81 0.00	69.02 2.06 0.00	70.68 1.98 0.00	66.32 2.09 0.00	61.27 2.11 0.00	51.54 1.88 0.00	40.77 1.59 0.00	35.67 1.30 0.00	27.99 0.99 0.00	28.06 1.08 0.00	31.16 1.27 0.00	36.93 1.38 0.00	48.46 1.76 0.00	54.14 1.90 0.00	44.57 1.62 0.00	37.81 1.38 0.00	37.25 1.38 0.00	40.67 1.46 0.00	44.25 1.46 0.00	38.26 1.10 0.00
AUBURN____LFGE 323710	47.77 -0.45 0.00	75.15 -1.12 0.00	72.12 -1.41 0.00	63.38 -1.28 0.00	58.34 -1.27 0.00	65.52 -1.45 0.00	67.40 -1.30 0.00	63.08 -1.16 0.00	58.09 -1.08 0.00	48.56 -1.10 0.00	38.33 -0.85 0.00	33.49 -0.88 0.00	26.26 -0.74 0.00	26.28 -0.71 0.00	29.21 -0.68 0.00	34.96 -0.59 0.00	46.08 -0.61 0.00	51.59 -0.65 0.00	42.44 -0.51 0.00	36.01 -0.42 0.00	35.45 -0.41 0.00	38.65 -0.56 0.00	42.16 -0.63 0.00	36.58 -0.58 0.00
BABYLON_RES_REC 323704	51.25 3.02 0.00	79.93 3.66 0.00	76.52 3.00 0.00	67.66 3.00 0.00	63.06 3.44 0.00	70.81 3.84 0.00	73.06 4.37 0.00	68.88 4.65 0.00	63.50 4.34 0.00	53.93 4.27 0.00	42.67 3.49 0.00	37.15 2.78 0.00	29.20 2.21 0.00	29.40 2.42 0.00	32.81 2.91 0.00	48.81 3.42 -9.84	84.88 4.37 -33.82	62.23 4.49 -5.50	46.80 3.85 -0.01	43.57 3.32 -3.81	51.37 3.33 -12.17	45.43 3.48 -2.74	46.29 3.50 -0.01	39.78 2.62 0.00
BALL_HILL_WT_PWR 323825	46.39 -1.83 0.00	72.20 -4.07 0.00	68.18 -5.35 0.00	59.42 -5.25 0.00	54.16 -5.45 0.00	43.73 -6.75 16.48	41.38 -6.91 20.40	37.90 -6.76 19.57	47.74 -6.05 5.37	44.80 -4.86 0.00	35.84 -3.34 0.00	31.15 -3.22 0.00	24.20 -2.80 0.00	23.96 -2.84 0.18	26.59 -3.11 0.20	32.16 -3.39 0.00	42.48 -4.21 0.00	47.63 -4.61 0.00	39.23 -3.72 0.00	32.79 -3.32 0.32	31.19 -3.16 1.52	35.85 -3.36 0.00	39.72 -3.07 0.00	34.72 -2.44 0.00
BARON_WINDS____WT_PWR 323822	46.41 -1.81 0.00	72.32 -3.96 0.00	68.42 -5.11 0.00	59.64 -5.02 0.00	54.15 -5.46 0.01	-35.52 -6.78 95.70	-56.44 -6.41 118.72	-55.34 -5.72 113.85	22.68 -5.28 31.20	45.17 -4.48 0.01	36.01 -3.17 0.00	31.18 -3.19 0.00	24.32 -2.67 0.00	24.45 -2.53 0.00	27.26 -2.64 0.00	32.67 -2.89 0.00	43.16 -3.54 0.00	48.24 -4.00 0.00	39.67 -3.27 0.00	31.82 -2.84 1.77	24.80 -2.79 8.28	36.10 -3.11 0.00	39.57 -3.22 0.00	34.38 -2.78 0.00
BARRETT_IC_1 23704	50.73 2.51 0.00	79.21 2.94 0.00	75.89 2.36 0.00	67.04 2.38 0.00	62.45 2.84 0.00	70.04 3.07 0.00	72.12 3.43 0.00	67.94 3.71 0.00	62.73 3.57 0.00	53.28 3.62 0.00	42.27 3.09 0.00	36.93 2.56 0.00	29.02 2.03 0.00	29.16 2.18 0.00	32.51 2.62 0.00	47.97 2.88 -9.54	82.93 3.44 -32.79	61.23 3.65 -5.33	46.20 3.25 -0.01	42.80 2.67 -3.69	50.33 2.66 -11.80	44.78 2.91 -2.66	45.74 2.94 -0.01	39.34 2.18 0.00
BARRETT_IC_10 23701	50.73 2.51 0.00	79.21 2.94 0.00	75.89 2.36 0.00	67.04 2.38 0.00	62.45 2.84 0.00	70.04 3.07 0.00	72.12 3.43 0.00	67.94 3.71 0.00	62.73 3.57 0.00	53.28 3.62 0.00	42.27 3.09 0.00	36.93 2.56 0.00	29.02 2.03 0.00	29.16 2.18 0.00	32.51 2.62 0.00	47.97 2.88 -9.54	82.93 3.44 -32.79	61.23 3.65 -5.33	46.20 3.25 -0.01	42.80 2.67 -3.69	50.33 2.66 -11.80	44.78 2.91 -2.66	45.74 2.94 -0.01	39.34 2.18 0.00
BARRETT_IC_11 23702	50.73 2.51 0.00	79.21 2.94 0.00	75.89 2.36 0.00	67.04 2.38 0.00	62.45 2.84 0.00	70.04 3.07 0.00	72.12 3.43 0.00	67.94 3.71 0.00	62.73 3.57 0.00	53.28 3.62 0.00	42.27 3.09 0.00	36.93 2.56 0.00	29.02 2.03 0.00	29.16 2.18 0.00	32.51 2.62 0.00	47.97 2.88 -9.54	82.93 3.44 -32.79	61.23 3.65 -5.33	46.20 3.25 -0.01	42.80 2.67 -3.69	50.33 2.66 -11.80	44.78 2.91 -2.66	45.74 2.94 -0.01	39.34 2.18 0.00
BARRETT_IC_12 23703	50.73 2.51 0.00	79.21 2.94 0.00	75.89 2.36 0.00	67.04 2.38 0.00	62.45 2.84 0.00	70.04 3.07 0.00	72.12 3.43 0.00	67.94 3.71 0.00	62.73 3.57 0.00	53.28 3.62 0.00	42.27 3.09 0.00	36.93 2.56 0.00	29.02 2.03 0.00	29.16 2.18 0.00	32.51 2.62 0.00	47.97 2.88 -9.54	82.93 3.44 -32.79	61.23 3.65 -5.33	46.20 3.25 -0.01	42.80 2.67 -3.69	50.33 2.66 -11.80	44.78 2.91 -2.66	45.74 2.94 -0.01	39.34 2.18 0.00
BARRETT_IC_2 23705	50.73 2.51 0.00	79.21 2.94 0.00	75.89 2.36 0.00	67.04 2.38 0.00	62.45 2.84 0.00	70.04 3.07 0.00	72.12 3.43 0.00	67.94 3.71 0.00	62.73 3.57 0.00	53.28 3.62 0.00	42.27 3.09 0.00	36.93 2.56 0.00	29.02 2.03 0.00	29.16 2.18 0.00	32.51 2.62 0.00	47.97 2.88 -9.54	82.93 3.44 -32.79	61.23 3.65 -5.33	46.20 3.25 -0.01	42.80 2.67 -3.69	50.33 2.66 -11.80	44.78 2.91 -2.66	45.74 2.94 -0.01	39.34 2.18 0.00
BARRETT_IC_3 23706	50.73 2.51 0.00	79.21 2.94 0.00	75.89 2.36 0.00	67.04 2.38 0.00	62.45 2.84 0.00	70.04 3.07 0.00	72.12 3.43 0.00	67.94 3.71 0.00	62.73 3.57 0.00	53.28 3.62 0.00	42.27 3.09 0.00	36.93 2.56 0.00	29.02 2.03 0.00	29.16 2.18 0.00	32.51 2.62 0.00	47.97 2.88 -9.54	82.93 3.44 -32.79	61.23 3.65 -5.33	46.20 3.25 -0.01	42.80 2.67 -3.69	50.33 2.66 -11.80	44.78 2.91 -2.66	45.74 2.94 -0.01	39.34 2.18 0.00
BARRETT_IC_4 23707	50.73 2.51 0.00	79.21 2.94 0.00	75.89 2.36 0.00	67.04 2.38 0.00	62.45 2.84 0.00	70.04 3.07 0.00	72.12 3.43 0.00	67.94 3.71 0.00	62.73 3.57 0.00	53.28 3.62 0.00	42.27 3.09 0.00	36.93 2.56 0.00	29.02 2.03 0.00	29.16 2.18 0.00	32.51 2.62 0.00	47.97 2.88 -9.54	82.93 3.44 -32.79	61.23 3.65 -5.33	46.20 3.25 -0.01	42.80 2.67 -3.69	50.33 2.66 -11.80	44.78 2.91 -2.66	45.74 2.94 -0.01	39.34 2.18 0.00
BARRETT_IC_5 23708	50.73 2.51 0.00	79.21 2.94 0.00	75.89 2.36 0.00	67.04 2.38 0.00	62.45 2.84 0.00	70.04 3.07 0.00	72.12 3.43 0.00	67.94 3.71 0.00	62.73 3.57 0.00	53.28 3.62 0.00	42.27 3.09 0.00	36.93 2.56 0.00	29.02 2.03 0.00	29.16 2.18 0.00	32.51 2.62 0.00	47.97 2.88 -9.54	82.93 3.44 -32.79	61.23 3.65 -5.33	46.20 3.25 -0.01	42.80 2.67 -3.69	50.33 2.66 -11.80	44.78 2.91 -2.66	45.74 2.94 -0.01	39.34 2.18 0.00

BARRETT_IC_6 23709	50.73 2.51 0.00	79.21 2.94 0.00	75.89 2.36 0.00	67.04 2.38 0.00	62.45 2.84 0.00	70.04 3.07 0.00	72.12 3.43 0.00	67.94 3.71 0.00	62.73 3.57 0.00	53.28 3.62 0.00	42.27 3.09 0.00	36.93 2.56 0.00	29.02 2.03 0.00	29.16 2.18 0.00	32.51 2.62 0.00	47.97 2.88 -9.54	82.93 3.44 -32.79	61.23 3.65 -5.33	46.20 3.25 -0.01	42.80 2.67 -3.69	50.33 2.66 -11.80	44.78 2.91 -2.66	45.74 2.94 -0.01	39.34 2.18 0.00
BARRETT_IC_7 23710	50.73 2.51 0.00	79.22 2.94 0.00	75.88 2.36 0.00	67.04 2.38 0.00	62.46 2.85 0.00	70.05 3.08 0.00	72.15 3.46 0.00	67.95 3.72 0.00	62.74 3.58 0.00	53.27 3.61 0.00	42.27 3.09 0.00	36.93 2.56 0.00	29.02 2.03 0.00	29.16 2.18 0.00	32.51 2.62 0.00	47.97 2.88 -9.54	82.92 3.44 -32.79	61.22 3.65 -5.33	46.20 3.24 -0.01	42.80 2.67 -3.69	50.33 2.67 -11.80	44.78 2.91 -2.66	45.73 2.93 -0.01	39.35 2.19 0.00
BARRETT_IC_8 23711	50.73 2.51 0.00	79.21 2.94 0.00	75.89 2.36 0.00	67.04 2.38 0.00	62.45 2.84 0.00	70.04 3.07 0.00	72.12 3.43 0.00	67.94 3.71 0.00	62.73 3.57 0.00	53.28 3.62 0.00	42.27 3.09 0.00	36.93 2.56 0.00	29.02 2.03 0.00	29.16 2.18 0.00	32.51 2.62 0.00	47.97 2.88 -9.54	82.93 3.44 -32.79	61.23 3.65 -5.33	46.20 3.25 -0.01	42.80 2.67 -3.69	50.33 2.66 -11.80	44.78 2.91 -2.66	45.74 2.94 -0.01	39.34 2.18 0.00
BARRETT_IC_9 23700	50.73 2.51 0.00	79.21 2.94 0.00	75.89 2.36 0.00	67.04 2.38 0.00	62.45 2.84 0.00	70.04 3.07 0.00	72.12 3.43 0.00	67.94 3.71 0.00	62.73 3.57 0.00	53.28 3.62 0.00	42.27 3.09 0.00	36.93 2.56 0.00	29.02 2.03 0.00	29.16 2.18 0.00	32.51 2.62 0.00	47.97 2.88 -9.54	82.93 3.44 -32.79	61.23 3.65 -5.33	46.20 3.25 -0.01	42.80 2.67 -3.69	50.33 2.66 -11.80	44.78 2.91 -2.66	45.74 2.94 -0.01	39.34 2.18 0.00
BARRETT___1 23545	50.73 2.51 0.00	79.21 2.94 0.00	75.89 2.36 0.00	67.04 2.38 0.00	62.45 2.84 0.00	70.04 3.07 0.00	72.12 3.43 0.00	67.94 3.71 0.00	62.73 3.57 0.00	53.28 3.62 0.00	42.27 3.09 0.00	36.93 2.56 0.00	29.02 2.03 0.00	29.16 2.18 0.00	32.51 2.62 0.00	47.97 2.88 -9.54	82.93 3.44 -32.79	61.23 3.65 -5.33	46.20 3.25 -0.01	42.80 2.67 -3.69	50.33 2.66 -11.80	44.78 2.91 -2.66	45.74 2.94 -0.01	39.34 2.18 0.00
BARRETT___2 23546	50.73 2.51 0.00	79.21 2.94 0.00	75.89 2.36 0.00	67.04 2.38 0.00	62.45 2.84 0.00	70.04 3.07 0.00	72.12 3.43 0.00	67.94 3.71 0.00	62.73 3.57 0.00	53.28 3.62 0.00	42.27 3.09 0.00	36.93 2.56 0.00	29.02 2.03 0.00	29.16 2.18 0.00	32.51 2.62 0.00	47.97 2.88 -9.54	82.93 3.44 -32.79	61.23 3.65 -5.33	46.20 3.25 -0.01	42.80 2.67 -3.69	50.33 2.66 -11.80	44.78 2.91 -2.66	45.74 2.94 -0.01	39.34 2.18 0.00
BATAVIA___115KV_TB1 55881	46.91 -1.32 0.00	72.99 -3.28 0.00	69.45 -4.08 0.00	60.88 -3.78 0.00	55.66 -3.96 0.00	52.32 -5.11 9.54	51.70 -5.32 11.68	47.87 -5.15 11.21	51.14 -4.92 3.11	45.78 -3.87 0.00	36.27 -2.91 0.00	31.86 -2.51 0.00	24.68 -2.32 0.00	24.57 -2.41 0.00	27.26 -2.63 0.00	32.65 -2.90 0.00	43.69 -3.01 0.00	49.22 -3.03 0.00	40.46 -2.48 0.00	33.95 -2.31 0.17	32.94 -2.14 0.79	36.68 -2.53 0.00	40.68 -2.11 0.00	35.64 -1.52 0.00
BAYONEEC___CTG1 323682	50.28 2.06 0.00	78.47 2.20 0.00	75.44 1.92 0.00	66.65 1.99 0.00	61.98 2.37 0.00	69.67 2.71 0.00	71.95 3.26 0.00	67.97 3.74 0.00	62.93 3.76 0.00	53.19 3.53 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.09 2.11 0.00	32.39 2.49 0.00	38.36 2.82 0.00	50.24 3.54 0.00	55.98 3.74 0.00	46.22 3.27 0.00	39.19 2.76 0.00	38.61 2.74 0.00	41.96 2.75 0.00	45.52 2.72 0.00	39.17 2.00 0.00
BAYONEEC___CTG10 323750	50.28 2.06 0.00	78.47 2.20 0.00	75.44 1.92 0.00	66.65 1.99 0.00	61.98 2.37 0.00	69.67 2.71 0.00	71.95 3.26 0.00	67.97 3.74 0.00	62.93 3.76 0.00	53.19 3.53 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.09 2.11 0.00	32.39 2.49 0.00	38.36 2.82 0.00	50.24 3.54 0.00	55.98 3.74 0.00	46.22 3.27 0.00	39.19 2.76 0.00	38.61 2.74 0.00	41.96 2.75 0.00	45.52 2.72 0.00	39.17 2.00 0.00
BAYONEEC___CTG2 323683	50.28 2.06 0.00	78.47 2.20 0.00	75.44 1.92 0.00	66.65 1.99 0.00	61.98 2.37 0.00	69.67 2.71 0.00	71.95 3.26 0.00	67.97 3.74 0.00	62.93 3.76 0.00	53.19 3.53 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.09 2.11 0.00	32.39 2.49 0.00	38.36 2.82 0.00	50.24 3.54 0.00	55.98 3.74 0.00	46.22 3.27 0.00	39.19 2.76 0.00	38.61 2.74 0.00	41.96 2.75 0.00	45.52 2.72 0.00	39.17 2.00 0.00
BAYONEEC___CTG3 323684	50.28 2.06 0.00	78.47 2.20 0.00	75.44 1.92 0.00	66.65 1.99 0.00	61.98 2.37 0.00	69.67 2.71 0.00	71.95 3.26 0.00	67.97 3.74 0.00	62.93 3.76 0.00	53.19 3.53 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.09 2.11 0.00	32.39 2.49 0.00	38.36 2.82 0.00	50.24 3.54 0.00	55.98 3.74 0.00	46.22 3.27 0.00	39.19 2.76 0.00	38.61 2.74 0.00	41.96 2.75 0.00	45.52 2.72 0.00	39.17 2.00 0.00
BAYONEEC___CTG4 323685	50.28 2.06 0.00	78.47 2.20 0.00	75.44 1.92 0.00	66.65 1.99 0.00	61.98 2.37 0.00	69.67 2.71 0.00	71.95 3.26 0.00	67.97 3.74 0.00	62.93 3.76 0.00	53.19 3.53 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.09 2.11 0.00	32.39 2.49 0.00	38.36 2.82 0.00	50.24 3.54 0.00	55.98 3.74 0.00	46.22 3.27 0.00	39.19 2.76 0.00	38.61 2.74 0.00	41.96 2.75 0.00	45.52 2.72 0.00	39.17 2.00 0.00
BAYONEEC___CTG5 323686	50.28 2.06 0.00	78.47 2.20 0.00	75.44 1.92 0.00	66.65 1.99 0.00	61.98 2.37 0.00	69.67 2.71 0.00	71.95 3.26 0.00	67.97 3.74 0.00	62.93 3.76 0.00	53.19 3.53 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.09 2.11 0.00	32.39 2.49 0.00	38.36 2.82 0.00	50.24 3.54 0.00	55.98 3.74 0.00	46.22 3.27 0.00	39.19 2.76 0.00	38.61 2.74 0.00	41.96 2.75 0.00	45.52 2.72 0.00	39.17 2.00 0.00
BAYONEEC___CTG6 323687	50.28 2.06 0.00	78.47 2.20 0.00	75.44 1.92 0.00	66.65 1.99 0.00	61.98 2.37 0.00	69.67 2.71 0.00	71.95 3.26 0.00	67.97 3.74 0.00	62.93 3.76 0.00	53.19 3.53 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.09 2.11 0.00	32.39 2.49 0.00	38.36 2.82 0.00	50.24 3.54 0.00	55.98 3.74 0.00	46.22 3.27 0.00	39.19 2.76 0.00	38.61 2.74 0.00	41.96 2.75 0.00	45.52 2.72 0.00	39.17 2.00 0.00
BAYONEEC___CTG7 323688	50.28 2.06 0.00	78.47 2.20 0.00	75.44 1.92 0.00	66.65 1.99 0.00	61.98 2.37 0.00	69.67 2.71 0.00	71.95 3.26 0.00	67.97 3.74 0.00	62.93 3.76 0.00	53.19 3.53 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.09 2.11 0.00	32.39 2.49 0.00	38.36 2.82 0.00	50.24 3.54 0.00	55.98 3.74 0.00	46.22 3.27 0.00	39.19 2.76 0.00	38.61 2.74 0.00	41.96 2.75 0.00	45.52 2.72 0.00	39.17 2.00 0.00

BAYONEEC___CTG8 323689	50.28 2.06 0.00	78.47 2.20 0.00	75.44 1.92 0.00	66.65 1.99 0.00	61.98 2.37 0.00	69.67 2.71 0.00	71.95 3.26 0.00	67.97 3.74 0.00	62.93 3.76 0.00	53.19 3.53 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.09 2.11 0.00	32.39 2.49 0.00	38.36 2.82 0.00	50.24 3.54 0.00	55.98 3.74 0.00	46.22 3.27 0.00	39.19 2.76 0.00	38.61 2.74 0.00	41.96 2.75 0.00	45.52 2.72 0.00	39.17 2.00 0.00
BAYONEEC___CTG9 323749	50.28 2.06 0.00	78.47 2.20 0.00	75.44 1.92 0.00	66.65 1.99 0.00	61.98 2.37 0.00	69.67 2.71 0.00	71.95 3.26 0.00	67.97 3.74 0.00	62.93 3.76 0.00	53.19 3.53 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.09 2.11 0.00	32.39 2.49 0.00	38.36 2.82 0.00	50.24 3.54 0.00	55.98 3.74 0.00	46.22 3.27 0.00	39.19 2.76 0.00	38.61 2.74 0.00	41.96 2.75 0.00	45.52 2.72 0.00	39.17 2.00 0.00
BEACON___LESR 323632	50.04 1.82 0.00	78.95 2.67 0.00	76.02 2.49 0.00	66.96 2.30 0.00	61.99 2.37 0.00	70.01 3.04 0.00	71.12 2.43 0.00	66.28 2.05 0.00	61.09 1.93 0.00	51.20 1.54 0.00	40.31 1.13 0.00	35.43 1.06 0.00	27.81 0.82 0.00	27.83 0.85 0.00	30.91 1.02 0.00	36.80 1.24 0.00	48.25 1.56 0.00	53.89 1.64 0.00	44.32 1.37 0.00	37.55 1.12 0.00	36.96 1.09 0.00	40.61 1.39 0.00	44.41 1.62 0.00	38.67 1.51 0.00
BEAVER RIVER___HYD 24048	49.40 1.18 0.00	77.97 1.70 0.00	75.10 1.57 0.00	64.97 0.31 0.00	59.80 0.18 0.00	68.00 1.04 0.00	70.96 2.27 0.00	65.36 1.13 0.00	59.25 0.09 0.00	48.79 -0.87 0.00	37.75 -1.43 0.00	33.11 -1.26 0.00	25.89 -1.10 0.00	25.98 -1.00 0.00	29.17 -0.72 0.00	35.09 -0.46 0.00	45.88 -0.81 0.00	51.40 -0.84 0.00	42.05 -0.90 0.00	35.59 -0.85 0.00	34.95 -0.91 0.00	38.22 -1.00 0.00	41.94 -0.85 0.00	36.41 -0.75 0.00
BEEBEE_GT_13 23619	46.70 -1.52 0.00	73.04 -3.24 0.00	69.86 -3.67 0.00	61.31 -3.35 0.00	56.22 -3.39 0.00	62.65 -4.31 0.00	64.33 -4.38 -0.02	60.08 -4.16 -0.01	55.38 -3.78 0.00	46.72 -2.94 0.00	37.02 -2.16 0.00	32.43 -1.94 0.00	25.32 -1.67 0.00	25.24 -1.74 0.00	27.99 -1.91 0.00	33.50 -2.05 0.00	44.30 -2.39 0.00	49.75 -2.50 0.00	40.89 -2.06 0.00	34.57 -1.87 0.00	34.08 -1.79 0.00	37.13 -2.08 0.00	40.88 -1.91 0.00	35.67 -1.50 0.00
BENSHRST_27_KV_BENSHRST_1 355998	50.73 2.51 0.00	78.89 2.61 0.00	75.86 2.34 0.00	67.14 2.48 0.00	62.45 2.83 0.00	70.13 3.17 0.00	72.41 3.71 0.00	68.49 4.26 0.00	63.44 4.27 0.00	53.60 3.94 0.00	42.64 3.46 0.00	37.30 2.93 0.00	29.28 2.28 0.00	29.38 2.40 0.00	32.72 2.83 0.00	38.67 3.12 0.00	50.68 3.99 0.00	56.49 4.24 0.00	46.76 3.81 0.00	39.64 3.20 0.00	39.02 3.16 0.00	42.40 3.19 0.00	45.92 3.13 0.00	39.54 2.38 0.00
BETHLEHEM___GRP 23843	49.52 1.30 0.00	77.99 1.72 0.00	75.31 1.79 0.00	66.39 1.73 0.00	61.39 1.78 0.00	68.93 1.97 0.00	70.00 1.31 0.00	65.10 0.87 0.00	60.10 0.93 0.00	50.47 0.81 0.00	39.74 0.56 0.00	34.89 0.52 0.00	27.44 0.45 0.00	27.47 0.49 0.00	30.40 0.50 0.00	36.10 0.55 0.00	47.22 0.52 0.00	52.80 0.55 0.00	43.38 0.43 0.00	36.79 0.36 0.00	36.28 0.41 0.00	39.86 0.64 0.00	43.72 0.93 0.00	38.23 1.07 0.00
BETHLEHEM___GS1 323560	49.53 1.30 0.00	77.99 1.72 0.00	75.31 1.79 0.00	66.39 1.73 0.00	61.39 1.78 0.00	68.93 1.96 0.00	70.00 1.30 0.00	65.11 0.87 0.00	60.09 0.92 0.00	50.47 0.81 0.00	39.74 0.56 0.00	34.89 0.52 0.00	27.44 0.45 0.00	27.47 0.49 0.00	30.39 0.50 0.00	36.10 0.55 0.00	47.21 0.52 0.00	52.80 0.55 0.00	43.38 0.43 0.00	36.79 0.36 0.00	36.27 0.40 0.00	39.86 0.64 0.00	43.72 0.93 0.00	38.23 1.07 0.00
BETHLEHEM___GS2 323561	49.53 1.30 0.00	77.99 1.72 0.00	75.31 1.79 0.00	66.39 1.73 0.00	61.39 1.78 0.00	68.93 1.96 0.00	70.00 1.30 0.00	65.11 0.87 0.00	60.09 0.92 0.00	50.47 0.81 0.00	39.74 0.56 0.00	34.89 0.52 0.00	27.44 0.45 0.00	27.47 0.49 0.00	30.39 0.50 0.00	36.10 0.55 0.00	47.21 0.52 0.00	52.80 0.55 0.00	43.38 0.43 0.00	36.79 0.36 0.00	36.27 0.40 0.00	39.86 0.64 0.00	43.72 0.93 0.00	38.23 1.07 0.00
BETHLEHEM___GS3 323562	49.53 1.30 0.00	77.99 1.72 0.00	75.31 1.79 0.00	66.39 1.73 0.00	61.39 1.78 0.00	68.93 1.96 0.00	70.00 1.30 0.00	65.11 0.87 0.00	60.09 0.92 0.00	50.47 0.81 0.00	39.74 0.56 0.00	34.89 0.52 0.00	27.44 0.45 0.00	27.47 0.49 0.00	30.39 0.50 0.00	36.10 0.55 0.00	47.21 0.52 0.00	52.80 0.55 0.00	43.38 0.43 0.00	36.79 0.36 0.00	36.27 0.40 0.00	39.86 0.64 0.00	43.72 0.93 0.00	38.23 1.07 0.00
BETHLEHEM___STEEL 23779	46.56 -1.66 0.00	72.30 -3.97 0.00	68.63 -4.89 0.00	60.00 -4.66 0.00	54.60 -5.02 0.00	43.98 -6.58 16.40	41.40 -7.03 20.26	37.90 -6.90 19.44	47.59 -6.23 5.35	44.97 -4.69 0.00	35.92 -3.26 0.00	31.33 -3.05 0.00	24.39 -2.60 0.00	24.24 -2.74 0.00	26.88 -3.01 0.00	32.22 -3.33 0.00	42.66 -4.04 0.00	47.93 -4.31 0.00	39.40 -3.54 0.00	32.93 -3.20 0.30	31.43 -3.01 1.43	35.87 -3.34 0.00	39.85 -2.94 0.00	34.93 -2.24 0.00
BETHLHEM_115KV_TB1 79974	49.49 1.26 0.00	77.97 1.69 0.00	75.27 1.74 0.00	66.34 1.68 0.00	61.35 1.74 0.00	68.90 1.93 0.00	70.04 1.34 0.00	65.21 0.98 0.00	60.19 1.02 0.00	50.55 0.89 0.00	39.82 0.64 0.00	34.94 0.57 0.00	27.48 0.48 0.00	27.50 0.52 0.00	30.45 0.56 0.00	36.16 0.61 0.00	47.34 0.64 0.00	52.93 0.68 0.00	43.49 0.54 0.00	36.88 0.45 0.00	36.36 0.49 0.00	39.92 0.71 0.00	43.74 0.95 0.00	38.21 1.05 0.00
BETHPAGE_CC_5 323564	50.91 2.69 0.00	79.59 3.32 0.00	76.22 2.70 0.00	67.31 2.65 0.00	62.76 3.14 0.00	70.47 3.50 0.00	72.63 3.94 0.00	68.45 4.22 0.00	63.18 4.01 0.00	53.67 4.01 0.00	42.45 3.27 0.00	37.02 2.65 0.00	29.10 2.11 0.00	29.28 2.30 0.00	32.66 2.77 0.00	49.11 3.19 -10.37	86.26 3.95 -35.62	62.13 4.10 -5.79	46.46 3.51 -0.01	43.47 3.02 -4.01	51.72 3.04 -12.81	45.34 3.25 -2.89	46.10 3.30 -0.01	39.62 2.46 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	46.84 -1.38 0.00	72.74 -3.53 0.00	69.05 -4.47 0.00	60.35 -4.31 0.00	54.90 -4.72 0.00	45.36 -6.24 15.36	43.03 -6.69 18.98	39.46 -6.56 18.20	48.26 -5.89 5.01	45.23 -4.43 0.00	36.13 -3.05 0.00	31.50 -2.87 0.00	24.52 -2.47 0.00	24.40 -2.59 0.00	27.06 -2.83 0.00	32.42 -3.13 0.00	42.92 -3.77 0.00	48.23 -4.01 0.00	39.65 -3.30 0.00	33.16 -2.99 0.29	31.73 -2.79 1.35	36.08 -3.13 0.00	40.04 -2.75 0.00	35.08 -2.08 0.00
BINGHAMTON___COGEN 23790	47.75 -0.48 0.00	75.16 -1.11 0.00	71.97 -1.56 0.00	63.27 -1.39 0.00	58.27 -1.35 0.00	68.55 -1.61 -3.20	71.12 -1.54 -3.97	66.65 -1.38 -3.81	59.03 -1.18 -1.04	48.63 -1.03 0.00	38.49 -0.68 0.00	33.62 -0.75 0.00	26.31 -0.68 0.00	26.40 -0.58 0.00	29.39 -0.50 0.00	35.09 -0.46 0.00	46.16 -0.54 0.00	51.61 -0.64 0.00	42.52 -0.43 0.00	36.05 -0.39 0.00	35.49 -0.38 0.00	38.69 -0.52 0.00	42.19 -0.60 0.00	36.50 -0.66 0.00

BIXINCNT_115KV_LOAD 355685	47.65 -0.57 0.00	73.95 -2.33 0.00	69.91 -3.61 0.00	60.60 -4.06 0.00	54.47 -5.14 0.00	49.85 -7.41 9.71	49.00 -7.71 11.98	45.17 -7.57 11.50	49.39 -6.61 3.17	44.47 -5.19 0.00	35.34 -3.84 0.00	30.80 -3.57 0.00	23.99 -3.00 0.00	24.26 -2.90 -0.18	27.12 -2.97 -0.20	32.14 -3.41 0.00	42.54 -4.15 0.00	47.51 -4.74 0.00	38.88 -4.06 0.00	32.75 -3.49 0.19	31.84 -3.12 0.91	35.51 -3.70 0.00	39.22 -3.57 0.00	34.27 -2.90 0.00
BLACK RIVER___HYD 24047	49.47 1.25 0.00	77.89 1.61 0.00	74.99 1.46 0.00	64.61 -0.05 0.00	59.38 -0.23 0.00	67.67 0.70 0.00	71.26 2.56 0.00	65.71 1.48 0.00	59.35 0.19 0.00	48.60 -1.06 0.00	37.35 -1.83 0.00	32.85 -1.52 0.00	25.66 -1.33 0.00	25.77 -1.21 0.00	29.24 -0.65 0.00	35.16 -0.40 0.00	46.21 -0.48 0.00	51.84 -0.40 0.00	42.34 -0.61 0.00	35.82 -0.62 0.00	35.19 -0.68 0.00	38.41 -0.80 0.00	41.94 -0.85 0.00	36.34 -0.82 0.00
BLACKRVR_115KV_TB2 79977	49.48 1.25 0.00	77.89 1.61 0.00	74.99 1.46 0.00	64.61 -0.05 0.00	59.37 -0.24 0.00	67.67 0.70 0.00	71.25 2.55 0.00	65.71 1.48 0.00	59.34 0.18 0.00	48.61 -1.05 0.00	37.35 -1.82 0.00	32.85 -1.52 0.00	25.66 -1.33 0.00	25.78 -1.20 0.00	29.24 -0.65 0.00	35.16 -0.40 0.00	46.21 -0.49 0.00	51.84 -0.40 0.00	42.34 -0.61 0.00	35.82 -0.62 0.00	35.19 -0.68 0.00	38.41 -0.80 0.00	41.95 -0.85 0.00	36.34 -0.82 0.00
BLDWN_LI_69_KV_BK4 356085	51.15 2.93 0.00	79.88 3.60 0.00	76.52 3.00 0.00	67.57 2.91 0.00	62.99 3.37 0.00	70.77 3.81 0.00	72.92 4.23 0.00	68.59 4.36 0.00	63.30 4.13 0.00	53.68 4.02 0.00	42.42 3.24 0.00	37.09 2.71 0.00	29.14 2.14 0.00	29.31 2.32 0.00	32.70 2.80 0.00	50.36 3.26 -11.54	90.48 4.12 -39.66	63.07 4.37 -6.45	46.74 3.78 -0.01	44.12 3.22 -4.47	53.34 3.21 -14.27	45.80 3.37 -3.22	46.20 3.40 -0.01	39.71 2.55 0.00
BLISS_WT_PWR 323608	47.68 -0.54 0.00	73.90 -2.38 0.00	69.80 -3.72 0.00	60.36 -4.31 0.00	54.05 -5.56 0.00	49.18 -8.07 9.71	48.52 -8.20 11.98	44.72 -8.02 11.50	48.81 -7.19 3.17	43.90 -5.76 0.00	34.89 -4.29 0.00	30.40 -3.97 0.00	23.70 -3.30 0.00	24.01 -3.15 -0.18	26.88 -3.21 -0.20	31.79 -3.76 0.00	42.13 -4.56 0.00	46.96 -5.28 0.00	38.38 -4.57 0.00	32.35 -3.89 0.19	31.51 -3.45 0.91	35.09 -4.12 0.00	38.72 -4.07 0.00	33.85 -3.31 0.00
BLUESTONE___WT_PWR 323821	50.07 1.84 0.00	79.06 2.79 0.00	75.18 1.65 0.00	66.23 1.57 0.00	60.86 1.25 0.00	69.96 -0.30 -3.30	71.35 -1.43 -4.09	67.14 -1.01 -3.92	58.66 -1.58 -1.08	47.55 -2.11 0.00	37.50 -1.68 0.00	32.86 -1.51 0.00	25.84 -1.15 0.00	25.82 -1.16 0.00	28.84 -1.05 0.00	34.56 -0.99 0.00	45.45 -1.25 0.00	50.80 -1.45 0.00	41.91 -1.04 0.00	35.43 -1.00 0.00	34.86 -1.01 0.00	38.12 -1.09 0.00	41.27 -1.52 0.00	35.46 -1.70 0.00
BLUE_CIRC_CHEM_DRP 24182	49.66 1.44 0.00	78.31 2.04 0.00	75.57 2.05 0.00	66.62 1.96 0.00	61.58 1.96 0.00	69.19 2.22 0.00	70.49 1.80 0.00	65.71 1.48 0.00	60.48 1.32 0.00	50.66 1.00 0.00	39.92 0.74 0.00	35.01 0.64 0.00	27.51 0.52 0.00	27.53 0.55 0.00	30.51 0.62 0.00	36.33 0.78 0.00	47.68 0.99 0.00	53.33 1.08 0.00	43.81 0.86 0.00	37.14 0.71 0.00	36.60 0.74 0.00	40.16 0.95 0.00	43.92 1.13 0.00	38.27 1.11 0.00
BOC_GAS_DRP 24189	49.26 1.04 0.00	77.63 1.36 0.00	74.87 1.35 0.00	66.03 1.37 0.00	61.03 1.41 0.00	68.56 1.60 0.00	69.98 1.28 0.00	65.36 1.13 0.00	60.31 1.14 0.00	50.66 1.00 0.00	40.00 0.82 0.00	35.06 0.69 0.00	27.54 0.55 0.00	27.57 0.59 0.00	30.55 0.65 0.00	36.27 0.72 0.00	47.55 0.86 0.00	53.15 0.91 0.00	43.68 0.74 0.00	37.06 0.62 0.00	36.52 0.65 0.00	40.02 0.81 0.00	43.71 0.92 0.00	38.01 0.85 0.00
BOONVILLE_115KV_TB1 79983	49.60 1.38 0.00	78.19 1.91 0.00	75.33 1.80 0.00	65.76 1.10 0.00	60.65 1.03 0.00	68.73 1.76 0.00	71.06 2.37 0.00	66.02 1.79 0.00	60.31 1.14 0.00	50.02 0.36 0.00	39.11 -0.07 0.00	34.24 -0.14 0.00	26.80 -0.19 0.00	26.83 -0.15 0.00	29.93 0.03 0.00	35.92 0.37 0.00	47.23 0.54 0.00	52.90 0.66 0.00	43.42 0.47 0.00	36.75 0.31 0.00	36.13 0.26 0.00	39.47 0.25 0.00	43.07 0.28 0.00	37.30 0.14 0.00
BORALEX_4TH_BRANCH 23824	50.60 2.38 0.00	79.53 3.26 0.00	76.87 3.34 0.00	67.88 3.22 0.00	62.72 3.11 0.00	70.65 3.69 0.00	72.14 3.44 0.00	67.49 3.26 0.00	62.15 2.99 0.00	52.12 2.47 0.00	41.15 1.97 0.00	36.01 1.64 0.00	28.27 1.27 0.00	28.28 1.30 0.00	31.15 1.26 0.00	36.92 1.37 0.00	48.36 1.67 0.00	54.05 1.80 0.00	44.20 1.25 0.00	37.50 1.06 0.00	37.12 1.25 0.00	41.13 1.92 0.00	44.91 2.11 0.00	39.00 1.84 0.00
BOWLINE___1 23526	49.76 1.54 0.00	78.02 1.74 0.00	75.02 1.50 0.00	66.23 1.57 0.00	61.49 1.88 0.00	69.07 2.11 0.00	71.18 2.49 0.00	67.12 2.89 0.00	62.17 3.01 0.00	52.42 2.77 0.00	41.62 2.44 0.00	36.39 2.02 0.00	28.53 1.54 0.00	28.63 1.65 0.00	31.86 1.97 0.00	37.75 2.20 0.00	49.49 2.79 0.00	55.28 3.04 0.00	45.62 2.67 0.00	38.69 2.26 0.00	38.12 2.25 0.00	41.52 2.31 0.00	45.08 2.29 0.00	38.82 1.66 0.00
BOWLINE___2 23595	49.75 1.52 0.00	77.91 1.64 0.00	74.91 1.38 0.00	66.13 1.47 0.00	61.40 1.79 0.00	68.97 2.01 0.00	71.07 2.37 0.00	67.03 2.80 0.00	62.08 2.92 0.00	52.35 2.69 0.00	41.58 2.40 0.00	36.36 1.99 0.00	28.50 1.51 0.00	28.61 1.62 0.00	31.83 1.94 0.00	37.69 2.14 0.00	49.42 2.72 0.00	55.20 2.96 0.00	45.56 2.61 0.00	38.63 2.19 0.00	38.06 2.19 0.00	41.48 2.27 0.00	45.05 2.26 0.00	38.79 1.63 0.00
BRADY___115KV_TB2 356060	49.79 1.57 0.00	79.20 2.92 0.00	76.45 2.93 0.00	67.08 2.42 0.00	61.73 2.11 0.00	69.11 2.14 0.00	71.13 2.44 0.00	66.35 2.12 0.00	60.76 1.60 0.00	51.01 1.35 0.00	39.89 0.71 0.00	35.01 0.64 0.00	27.64 0.64 0.00	27.52 0.54 0.00	30.44 0.55 0.00	36.29 0.74 0.00	47.77 1.08 0.00	53.49 1.25 0.00	43.84 0.90 0.00	37.19 0.75 0.00	36.50 0.63 0.00	39.96 0.75 0.00	43.87 1.07 0.00	38.25 1.09 0.00
BRANSCOMB___SOLAR 323811	50.59 2.37 0.00	79.52 3.24 0.00	76.78 3.26 0.00	67.74 3.08 0.00	62.65 3.04 0.00	70.62 3.66 0.00	72.38 3.69 0.00	67.76 3.53 0.00	62.32 3.16 0.00	51.91 2.25 0.00	40.87 1.69 0.00	35.76 1.39 0.00	28.05 1.06 0.00	28.08 1.10 0.00	31.10 1.21 0.00	37.13 1.58 0.00	49.01 2.32 0.00	54.81 2.57 0.00	44.91 1.96 0.00	38.05 1.61 0.00	37.49 1.62 0.00	41.30 2.09 0.00	44.97 2.18 0.00	39.01 1.85 0.00
BRDGHMPT_69_KV_BK1 55812	53.01 4.79 0.00	82.41 6.14 0.00	78.81 5.28 0.00	69.71 5.04 0.00	65.32 5.70 0.00	73.55 6.59 0.00	76.14 7.45 0.00	71.75 7.52 0.00	65.88 6.72 0.00	55.66 6.00 0.00	43.67 4.49 0.00	38.03 3.66 0.00	29.94 2.94 0.00	30.03 3.05 0.00	33.58 3.68 0.00	48.93 4.33 -9.05	83.75 5.97 -31.08	63.30 6.00 -5.05	48.02 5.07 -0.01	44.41 4.48 -3.50	51.69 4.63 -11.18	46.48 4.75 -2.52	47.32 4.52 -0.01	40.63 3.47 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	51.62 3.39 0.00	80.33 4.05 0.00	76.83 3.30 0.00	67.82 3.16 0.00	63.34 3.72 0.00	71.20 4.24 0.00	73.50 4.81 0.00	69.21 4.98 0.00	63.74 4.57 0.00	54.12 4.47 0.00	42.84 3.66 0.00	37.34 2.97 0.00	29.39 2.39 0.00	29.59 2.61 0.00	33.01 3.12 0.00	48.38 3.66 -9.18	82.82 4.60 -31.52	62.00 4.64 -5.12	47.02 4.07 -0.01	43.55 3.56 -3.55	50.78 3.57 -11.34	45.50 3.73 -2.56	46.55 3.75 -0.01	40.02 2.85 0.00
BRISTLHL_115KV_TB1 79998	46.68 -1.54 0.00	73.54 -2.74 0.00	70.69 -2.83 0.00	62.12 -2.54 0.00	57.25 -2.36 0.00	64.32 -2.65 0.00	66.11 -2.58 0.00	61.85 -2.38 0.00	56.99 -2.18 0.00	47.73 -1.93 0.00	37.66 -1.53 0.00	33.05 -1.32 0.00	25.93 -1.06 0.00	25.94 -1.04 0.00	28.84 -1.05 0.00	34.37 -1.18 0.00	45.14 -1.55 0.00	50.52 -1.73 0.00	41.55 -1.40 0.00	35.29 -1.15 0.00	34.73 -1.14 0.00	37.88 -1.33 0.00	41.32 -1.47 0.00	35.88 -1.28 0.00
BROOKHAVEN___DRP 24191	51.71 3.49 0.00	80.38 4.11 0.00	76.84 3.32 0.00	67.87 3.21 0.00	63.45 3.84 0.00	71.38 4.42 0.00	73.77 5.08 0.00	69.47 5.24 0.00	63.83 4.67 0.00	54.11 4.45 0.00	42.65 3.47 0.00	37.23 2.86 0.00	29.37 2.37 0.00	29.48 2.51 0.00	32.93 3.04 0.00	48.08 3.49 -9.04	82.42 4.65 -31.07	61.83 4.53 -5.05	46.81 3.87 -0.01	43.41 3.48 -3.50	50.66 3.62 -11.18	45.46 3.73 -2.52	46.48 3.68 -0.01	39.97 2.81 0.00
BROOKLYN_NAVY_YARD 23515	50.27 2.05 0.00	78.43 2.16 0.00	75.46 1.94 0.00	66.65 1.99 0.00	62.02 2.40 0.00	69.73 2.77 0.00	71.99 3.30 0.00	68.01 3.78 0.00	62.99 3.82 0.00	53.17 3.51 0.00	42.23 3.05 0.00	36.96 2.58 0.00	28.98 1.98 0.00	29.08 2.10 0.00	32.39 2.50 0.00	38.35 2.80 0.00	50.24 3.55 0.00	56.00 3.75 0.00	46.23 3.28 0.00	39.20 2.77 0.00	38.61 2.75 0.00	41.98 2.76 0.00	45.55 2.76 0.00	39.17 2.01 0.00
BROOKLYN___ARMY_DRP 323595	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00
BROOME_2_LFGE 323671	47.75 -0.47 0.00	75.16 -1.12 0.00	71.96 -1.56 0.00	63.26 -1.40 0.00	58.27 -1.35 0.00	68.55 -1.61 -3.20	71.13 -1.54 -3.97	66.66 -1.38 -3.81	59.03 -1.18 -1.04	48.63 -1.03 0.00	38.49 -0.68 0.00	33.62 -0.75 0.00	26.31 -0.68 0.00	26.40 -0.58 0.00	29.39 -0.50 0.00	35.09 -0.46 0.00	46.16 -0.53 0.00	51.61 -0.63 0.00	42.52 -0.43 0.00	36.05 -0.39 0.00	35.49 -0.38 0.00	38.69 -0.52 0.00	42.19 -0.60 0.00	36.50 -0.66 0.00
BROOME___LFGE 323600	47.75 -0.47 0.00	75.16 -1.12 0.00	71.96 -1.56 0.00	63.26 -1.40 0.00	58.27 -1.35 0.00	68.55 -1.61 -3.20	71.13 -1.54 -3.97	66.66 -1.38 -3.81	59.03 -1.18 -1.04	48.63 -1.03 0.00	38.49 -0.68 0.00	33.62 -0.75 0.00	26.31 -0.68 0.00	26.40 -0.58 0.00	29.39 -0.50 0.00	35.09 -0.46 0.00	46.16 -0.53 0.00	51.61 -0.63 0.00	42.52 -0.43 0.00	36.05 -0.39 0.00	35.49 -0.38 0.00	38.69 -0.52 0.00	42.19 -0.60 0.00	36.50 -0.66 0.00
BROWNFLS_115KV_TB 3_5 80003	49.18 0.96 0.00	77.93 1.65 0.00	75.12 1.60 0.00	65.37 0.71 0.00	60.16 0.55 0.00	67.83 0.87 0.00	70.38 1.69 0.00	65.19 0.96 0.00	59.36 0.19 0.00	49.39 -0.27 0.00	38.39 -0.79 0.00	33.71 -0.66 0.00	26.47 -0.52 0.00	26.49 -0.50 0.00	29.48 -0.41 0.00	35.24 -0.32 0.00	46.05 -0.64 0.00	51.55 -0.70 0.00	42.19 -0.76 0.00	35.74 -0.69 0.00	35.09 -0.78 0.00	38.46 -0.75 0.00	42.45 -0.34 0.00	36.97 -0.19 0.00
BROWNSV1_27_KV_LOAD 356125	50.85 2.62 0.00	79.35 3.08 0.00	76.28 2.76 0.00	67.36 2.70 0.00	62.65 3.03 0.00	70.46 3.49 0.00	72.81 4.12 0.00	68.80 4.57 0.00	63.68 4.51 0.00	53.77 4.12 0.00	42.70 3.52 0.00	37.36 2.99 0.00	29.30 2.30 0.00	29.40 2.42 0.00	32.74 2.85 0.00	38.79 3.23 0.00	50.82 4.12 0.00	56.65 4.40 0.00	46.76 3.81 0.00	39.64 3.21 0.00	39.04 3.17 0.00	42.43 3.22 0.00	46.03 3.24 0.00	39.59 2.43 0.00
BURROWS___LYONSDAL 23803	49.55 1.33 0.00	78.12 1.85 0.00	75.26 1.74 0.00	65.52 0.85 0.00	60.39 0.77 0.00	68.55 1.59 0.00	71.06 2.36 0.00	65.82 1.59 0.00	59.97 0.81 0.00	49.61 -0.05 0.00	38.69 -0.48 0.00	33.87 -0.50 0.00	26.49 -0.50 0.00	26.54 -0.44 0.00	29.64 -0.25 0.00	35.64 0.08 0.00	46.77 0.08 0.00	52.41 0.16 0.00	42.97 0.02 0.00	36.37 -0.06 0.00	35.74 -0.12 0.00	39.06 -0.15 0.00	42.66 -0.13 0.00	36.96 -0.20 0.00
CAITHNESS_CC_1 323624	51.51 3.29 0.00	80.09 3.82 0.00	76.57 3.05 0.00	67.61 2.95 0.00	63.19 3.57 0.00	71.07 4.10 0.00	73.40 4.70 0.00	69.12 4.89 0.00	63.55 4.39 0.00	53.92 4.26 0.00	42.57 3.39 0.00	37.16 2.79 0.00	29.29 2.30 0.00	29.44 2.45 0.00	32.86 2.97 0.00	48.01 3.42 -9.04	82.23 4.48 -31.06	61.68 4.38 -5.05	46.70 3.75 -0.01	43.30 3.37 -3.50	50.53 3.49 -11.18	45.33 3.60 -2.52	46.36 3.56 -0.01	39.87 2.71 0.00
CALPINE BETH_PAGE_GT4 24209	51.01 2.79 0.00	79.70 3.43 0.00	76.34 2.81 0.00	67.43 2.76 0.00	62.86 3.25 0.00	70.62 3.66 0.00	72.79 4.09 0.00	68.59 4.36 0.00	63.32 4.15 0.00	53.73 4.07 0.00	42.50 3.32 0.00	37.07 2.70 0.00	29.14 2.15 0.00	29.32 2.33 0.00	32.70 2.81 0.00	49.76 3.24 -10.97	88.34 3.95 -37.69	62.48 4.11 -6.13	46.48 3.52 -0.01	43.73 3.05 -4.24	52.46 3.04 -13.56	45.50 3.23 -3.06	46.14 3.34 -0.01	39.66 2.50 0.00
CALPINE_BETH_PAGE_GT_4 323586	51.01 2.79 0.00	79.72 3.44 0.00	76.34 2.82 0.00	67.43 2.77 0.00	62.86 3.24 0.00	70.59 3.63 0.00	72.77 4.08 0.00	68.57 4.34 0.00	63.30 4.14 0.00	53.75 4.09 0.00	42.50 3.32 0.00	37.07 2.70 0.00	29.14 2.15 0.00	29.32 2.34 0.00	32.70 2.81 0.00	49.76 3.24 -10.97	88.34 3.95 -37.69	62.48 4.11 -6.13	46.48 3.52 -0.01	43.73 3.04 -4.24	52.47 3.04 -13.56	45.50 3.23 -3.06	46.15 3.35 -0.01	39.66 2.50 0.00
CALPINE_BP_GT1 23823	51.01 2.79 0.00	79.72 3.44 0.00	76.34 2.82 0.00	67.43 2.77 0.00	62.86 3.24 0.00	70.59 3.63 0.00	72.77 4.08 0.00	68.57 4.34 0.00	63.30 4.14 0.00	53.75 4.09 0.00	42.50 3.32 0.00	37.07 2.70 0.00	29.14 2.15 0.00	29.32 2.34 0.00	32.70 2.81 0.00	49.76 3.24 -10.97	88.34 3.95 -37.69	62.48 4.11 -6.13	46.48 3.52 -0.01	43.73 3.04 -4.24	52.47 3.04 -13.56	45.50 3.23 -3.06	46.15 3.35 -0.01	39.66 2.50 0.00
CALSPAN___DRP 24200	46.56 -1.66 0.00	72.30 -3.97 0.00	68.63 -4.89 0.00	60.00 -4.66 0.00	54.60 -5.02 0.00	43.98 -6.58 16.40	41.40 -7.03 20.26	37.90 -6.90 19.44	47.59 -6.23 5.35	44.97 -4.69 0.00	35.92 -3.26 0.00	31.33 -3.05 0.00	24.39 -2.60 0.00	24.24 -2.74 0.00	26.88 -3.01 0.00	32.22 -3.33 0.00	42.66 -4.04 0.00	47.93 -4.31 0.00	39.40 -3.54 0.00	32.93 -3.20 0.30	31.43 -3.01 1.43	35.87 -3.34 0.00	39.85 -2.94 0.00	34.93 -2.24 0.00

CALVERTON___SOLAR 323806	51.92 3.70 0.00	80.74 4.46 0.00	77.16 3.64 0.00	68.15 3.49 0.00	63.73 4.11 0.00	71.69 4.73 0.00	74.10 5.41 0.00	69.80 5.57 0.00	64.13 4.96 0.00	54.33 4.67 0.00	42.76 3.58 0.00	37.31 2.94 0.00	29.44 2.45 0.00	29.54 2.56 0.00	33.00 3.11 0.00	48.17 3.58 -9.04	82.61 4.84 -31.08	62.00 4.71 -5.05	46.96 4.01 -0.01	43.54 3.60 -3.50	50.82 3.77 -11.18	45.60 3.87 -2.52	46.62 3.82 -0.01	40.07 2.91 0.00
CANDIGU_WT_PWR 323617	46.41 -1.81 0.00	72.32 -3.96 0.00	68.42 -5.11 0.00	59.64 -5.02 0.00	54.15 -5.46 0.01	-35.52 -6.78 95.70	-56.44 -6.41 118.72	-55.34 -5.72 113.85	22.68 -5.28 31.20	45.17 -4.48 0.01	36.01 -3.17 0.00	31.18 -3.19 0.00	24.32 -2.67 0.00	24.45 -2.53 0.00	27.26 -2.64 0.00	32.67 -2.89 0.00	43.16 -3.54 0.00	48.24 -4.00 0.00	39.67 -3.27 0.00	31.82 -2.84 1.77	24.80 -2.79 8.28	36.10 -3.11 0.00	39.57 -3.22 0.00	34.38 -2.78 0.00
CARR STREET_E_SYR 24060	47.04 -1.18 0.00	74.05 -2.22 0.00	71.15 -2.38 0.00	62.55 -2.11 0.00	57.64 -1.98 0.00	64.73 -2.23 0.00	66.53 -2.17 0.00	62.23 -2.00 0.00	57.35 -1.81 0.00	48.06 -1.60 0.00	37.98 -1.20 0.00	33.30 -1.08 0.00	26.11 -0.88 0.00	26.12 -0.86 0.00	29.02 -0.87 0.00	34.60 -0.95 0.00	45.49 -1.20 0.00	50.88 -1.37 0.00	41.85 -1.10 0.00	35.51 -0.92 0.00	34.98 -0.89 0.00	38.15 -1.06 0.00	41.73 -1.06 0.00	36.24 -0.92 0.00
CARTHAGE___PAPER 23857	49.81 1.59 0.00	78.53 2.25 0.00	75.64 2.12 0.00	65.35 0.69 0.00	60.14 0.52 0.00	68.47 1.50 0.00	71.73 3.04 0.00	66.13 1.90 0.00	59.78 0.62 0.00	49.10 -0.56 0.00	37.78 -1.40 0.00	33.16 -1.21 0.00	25.91 -1.08 0.00	26.04 -0.94 0.00	29.44 -0.45 0.00	35.43 -0.12 0.00	46.45 -0.24 0.00	52.06 -0.19 0.00	42.56 -0.39 0.00	36.00 -0.43 0.00	35.35 -0.51 0.00	38.62 -0.59 0.00	42.29 -0.50 0.00	36.68 -0.48 0.00
CASSADAGA_WT_PWR 323784	46.49 -1.73 0.00	72.36 -3.91 0.00	67.57 -5.96 0.00	58.43 -6.24 0.00	53.21 -6.41 0.00	48.57 -7.55 10.85	47.85 -7.44 13.40	44.07 -7.30 12.86	49.49 -6.14 3.53	44.61 -5.05 0.00	35.50 -3.68 0.00	30.70 -3.67 0.00	23.79 -3.21 0.00	21.75 -3.20 2.04	24.14 -3.48 2.27	32.14 -3.41 0.00	42.07 -4.63 0.00	47.09 -5.15 0.00	38.89 -4.05 0.00	32.64 -3.57 0.23	31.28 -3.53 1.06	35.51 -3.70 0.00	39.31 -3.48 0.00	34.29 -2.87 0.00
CE_DUNWOOD___DRP 24194	50.20 1.98 0.00	78.52 2.24 0.00	75.48 1.96 0.00	66.65 1.99 0.00	61.92 2.31 0.00	69.60 2.64 0.00	71.75 3.06 0.00	67.68 3.45 0.00	62.64 3.48 0.00	52.85 3.19 0.00	41.94 2.77 0.00	36.68 2.31 0.00	28.77 1.78 0.00	28.88 1.90 0.00	32.14 2.25 0.00	38.08 2.53 0.00	49.91 3.22 0.00	55.69 3.45 0.00	45.96 3.01 0.00	38.97 2.54 0.00	38.39 2.52 0.00	41.78 2.57 0.00	45.36 2.57 0.00	39.06 1.90 0.00
CE_MILLWOOD___DRP 24193	50.08 1.85 0.00	78.35 2.08 0.00	75.34 1.81 0.00	66.54 1.88 0.00	61.78 2.17 0.00	69.43 2.46 0.00	71.55 2.86 0.00	67.48 3.25 0.00	62.45 3.29 0.00	52.67 3.01 0.00	41.80 2.62 0.00	36.55 2.18 0.00	28.67 1.68 0.00	28.77 1.79 0.00	32.02 2.13 0.00	37.94 2.39 0.00	49.74 3.05 0.00	55.55 3.30 0.00	45.83 2.88 0.00	38.86 2.42 0.00	38.28 2.41 0.00	41.69 2.48 0.00	45.25 2.46 0.00	38.97 1.81 0.00
CE_NYC2_DRP 24202	50.31 2.09 0.00	78.39 2.11 0.00	75.41 1.89 0.00	66.71 2.05 0.00	62.00 2.38 0.00	69.65 2.69 0.00	71.87 3.18 0.00	67.94 3.71 0.00	63.01 3.84 0.00	53.21 3.55 0.00	42.37 3.19 0.00	37.08 2.71 0.00	29.12 2.12 0.00	29.23 2.25 0.00	32.57 2.68 0.00	38.43 2.87 0.00	50.29 3.60 0.00	56.03 3.78 0.00	46.38 3.43 0.00	39.30 2.86 0.00	38.71 2.84 0.00	42.04 2.83 0.00	45.62 2.82 0.00	39.35 2.19 0.00
CE_NYC_DRP 24195	50.35 2.13 0.00	78.62 2.34 0.00	75.58 2.06 0.00	66.75 2.09 0.00	62.09 2.48 0.00	69.82 2.85 0.00	72.11 3.42 0.00	68.11 3.88 0.00	63.07 3.90 0.00	53.27 3.62 0.00	42.30 3.12 0.00	37.02 2.64 0.00	29.04 2.04 0.00	29.14 2.15 0.00	32.45 2.55 0.00	38.44 2.88 0.00	50.33 3.64 0.00	56.10 3.86 0.00	46.29 3.35 0.00	39.26 2.82 0.00	38.65 2.79 0.00	42.03 2.82 0.00	45.57 2.79 0.00	39.22 2.06 0.00
CHAFFEE___LFGE 323603	46.89 -1.33 0.00	72.84 -3.44 0.00	69.16 -4.37 0.00	60.48 -4.18 0.00	55.12 -4.49 0.00	48.06 -5.89 13.02	46.47 -6.14 16.08	42.79 -6.01 15.43	49.38 -5.54 4.24	45.43 -4.23 0.00	36.29 -2.89 0.00	31.63 -2.75 0.00	24.62 -2.37 0.00	24.56 -2.49 -0.07	27.23 -2.74 -0.08	32.56 -2.99 0.00	43.15 -3.54 0.00	48.50 -3.75 0.00	39.88 -3.06 0.00	33.40 -2.79 0.25	32.11 -2.59 1.17	36.27 -2.94 0.00	40.23 -2.57 0.00	35.21 -1.95 0.00
CHATEAUG_35_KV_LOAD 355732	49.16 0.94 0.00	78.43 2.16 0.00	75.64 2.12 0.00	66.47 1.81 0.00	61.23 1.61 0.00	68.70 1.73 0.00	70.58 1.89 0.00	66.00 1.77 0.00	60.29 1.13 0.00	50.30 0.64 0.00	39.15 -0.04 0.00	34.60 0.22 0.00	27.32 0.33 0.00	27.14 0.16 0.00	29.73 -0.17 0.00	35.09 -0.45 0.00	46.16 -0.53 0.00	51.67 -0.57 0.00	42.32 -0.63 0.00	35.92 -0.52 0.00	35.22 -0.64 0.00	38.59 -0.62 0.00	42.15 -0.64 0.00	36.68 -0.48 0.00
CHATEAUG_WT_PWR 323614	49.00 0.78 0.00	78.11 1.83 0.00	75.36 1.84 0.00	66.21 1.55 0.00	60.98 1.36 0.00	68.41 1.45 0.00	70.28 1.58 0.00	65.68 1.45 0.00	60.08 0.92 0.00	50.18 0.53 0.00	39.12 -0.07 0.00	34.54 0.17 0.00	27.24 0.25 0.00	27.06 0.08 0.00	29.68 -0.22 0.00	35.08 -0.47 0.00	46.09 -0.60 0.00	51.55 -0.69 0.00	42.23 -0.72 0.00	35.83 -0.61 0.00	35.14 -0.72 0.00	38.51 -0.70 0.00	42.07 -0.72 0.00	36.63 -0.54 0.00
CHAT_HIGH_FALL_HYD 323578	49.16 0.94 0.00	78.43 2.16 0.00	75.64 2.12 0.00	66.47 1.81 0.00	61.23 1.61 0.00	68.70 1.73 0.00	70.58 1.89 0.00	66.00 1.77 0.00	60.29 1.13 0.00	50.30 0.64 0.00	39.15 -0.04 0.00	34.60 0.22 0.00	27.32 0.33 0.00	27.14 0.16 0.00	29.73 -0.17 0.00	35.09 -0.45 0.00	46.16 -0.53 0.00	51.67 -0.57 0.00	42.32 -0.63 0.00	35.92 -0.52 0.00	35.22 -0.64 0.00	38.59 -0.62 0.00	42.15 -0.64 0.00	36.68 -0.48 0.00
CHAUTAUQUA___LFGE 323629	46.55 -1.67 0.00	72.59 -3.68 0.00	68.19 -5.33 0.00	59.27 -5.39 0.00	54.10 -5.52 0.00	46.46 -6.72 13.79	44.93 -6.71 17.06	41.32 -6.55 16.36	49.01 -5.66 4.50	45.00 -4.66 0.00	35.95 -3.23 0.00	31.17 -3.20 0.00	24.17 -2.83 0.00	23.59 -2.84 0.55	26.18 -3.10 0.62	32.30 -3.25 0.00	42.59 -4.11 0.00	47.73 -4.52 0.00	39.38 -3.57 0.00	32.96 -3.20 0.28	31.46 -3.10 1.31	35.97 -3.24 0.00	39.80 -2.99 0.00	34.70 -2.46 0.00
CHERRYST_13_KV_LD 356241	50.49 2.26 0.00	78.82 2.55 0.00	75.76 2.24 0.00	66.92 2.26 0.00	62.25 2.63 0.00	70.00 3.04 0.00	72.32 3.63 0.00	68.32 4.09 0.00	63.27 4.10 0.00	53.43 3.78 0.00	42.46 3.28 0.00	37.14 2.76 0.00	29.14 2.14 0.00	29.24 2.26 0.00	32.56 2.67 0.00	38.56 3.01 0.00	50.51 3.81 0.00	56.28 4.04 0.00	46.43 3.49 0.00	39.37 2.93 0.00	38.76 2.89 0.00	42.14 2.93 0.00	45.70 2.91 0.00	39.33 2.17 0.00

CHESTROR_138KV_BK263 355645	49.75 1.53 0.00	78.00 1.72 0.00	75.00 1.48 0.00	66.20 1.54 0.00	61.41 1.79 0.00	69.00 2.04 0.00	71.01 2.32 0.00	66.89 2.66 0.00	61.88 2.72 0.00	52.08 2.43 0.00	41.28 2.10 0.00	36.08 1.71 0.00	28.30 1.31 0.00	28.40 1.42 0.00	31.60 1.70 0.00	37.49 1.94 0.00	49.20 2.51 0.00	54.98 2.74 0.00	45.35 2.40 0.00	38.46 2.03 0.00	37.88 2.02 0.00	41.28 2.07 0.00	44.82 2.03 0.00	38.64 1.48 0.00
CH_MIDHUDSON___DRP 24192	50.24 2.02 0.00	78.70 2.42 0.00	75.73 2.21 0.00	66.88 2.22 0.00	62.06 2.44 0.00	69.78 2.81 0.00	71.82 3.12 0.00	67.61 3.38 0.00	62.52 3.36 0.00	52.62 2.96 0.00	41.69 2.52 0.00	36.45 2.08 0.00	28.61 1.61 0.00	28.71 1.73 0.00	31.95 2.06 0.00	37.87 2.31 0.00	49.70 3.01 0.00	55.53 3.28 0.00	45.78 2.83 0.00	38.82 2.38 0.00	38.23 2.36 0.00	41.65 2.44 0.00	45.22 2.42 0.00	38.97 1.81 0.00
CH_MISC_IPPS 23765	50.54 2.32 0.00	79.11 2.84 0.00	76.13 2.60 0.00	67.21 2.55 0.00	62.36 2.75 0.00	70.12 3.16 0.00	72.23 3.54 0.00	68.06 3.83 0.00	62.89 3.73 0.00	52.89 3.23 0.00	41.90 2.72 0.00	36.63 2.26 0.00	28.73 1.73 0.00	28.83 1.85 0.00	32.12 2.23 0.00	38.11 2.56 0.00	50.04 3.34 0.00	55.90 3.66 0.00	46.10 3.15 0.00	39.09 2.65 0.00	38.49 2.63 0.00	41.92 2.70 0.00	45.49 2.70 0.00	39.18 2.01 0.00
CH_RES_BVR_FALLS 23983	48.27 0.05 0.00	76.35 0.08 0.00	73.60 0.07 0.00	64.69 0.03 0.00	59.62 0.00 0.00	66.97 0.00 0.00	68.69 0.00 0.00	64.23 0.00 0.00	59.11 -0.05 0.00	49.59 -0.07 0.00	39.10 -0.08 0.00	34.30 -0.07 0.00	26.94 -0.05 0.00	26.93 -0.05 0.00	29.81 -0.08 0.00	35.45 -0.10 0.00	46.55 -0.14 0.00	52.09 -0.16 0.00	42.82 -0.13 0.00	36.33 -0.11 0.00	35.74 -0.12 0.00	39.10 -0.12 0.00	42.66 -0.13 0.00	37.08 -0.08 0.00
CH_RES_NIAGARA 23895	44.95 -3.28 0.00	69.83 -6.44 0.00	66.39 -7.14 0.00	58.14 -6.52 0.00	52.94 -6.68 0.00	44.97 -8.74 13.26	42.74 -9.50 16.45	39.16 -9.29 15.78	46.22 -8.62 4.32	43.04 -6.62 0.00	34.40 -4.78 0.00	30.08 -4.29 0.00	23.47 -3.53 0.00	23.24 -3.74 0.00	25.67 -4.23 0.00	30.69 -4.86 0.00	40.63 -6.07 0.00	45.58 -6.67 0.00	37.48 -5.47 0.00	31.39 -4.80 0.24	30.36 -4.38 1.13	34.33 -4.88 0.00	38.37 -4.42 0.00	33.80 -3.36 0.00
CH_RES_SYRACUSE 23985	47.42 -0.81 0.00	74.65 -1.62 0.00	71.72 -1.80 0.00	63.06 -1.60 0.00	58.11 -1.51 0.00	65.27 -1.69 0.00	67.11 -1.58 0.00	62.78 -1.45 0.00	57.82 -1.35 0.00	48.42 -1.24 0.00	38.20 -0.98 0.00	33.45 -0.92 0.00	26.22 -0.77 0.00	26.28 -0.71 0.00	29.22 -0.68 0.00	34.86 -0.69 0.00	45.85 -0.84 0.00	51.28 -0.97 0.00	42.19 -0.75 0.00	35.82 -0.61 0.00	35.27 -0.60 0.00	38.46 -0.75 0.00	41.95 -0.84 0.00	36.42 -0.74 0.00
CLINTON_WT_PWR 323605	49.00 0.78 0.00	78.11 1.83 0.00	75.36 1.84 0.00	66.21 1.55 0.00	60.98 1.36 0.00	68.41 1.45 0.00	70.28 1.58 0.00	65.68 1.45 0.00	60.08 0.92 0.00	50.18 0.53 0.00	39.12 -0.07 0.00	34.54 0.17 0.00	27.24 0.25 0.00	27.06 0.08 0.00	29.68 -0.22 0.00	35.08 -0.47 0.00	46.09 -0.60 0.00	51.55 -0.69 0.00	42.23 -0.72 0.00	35.83 -0.61 0.00	35.14 -0.72 0.00	38.51 -0.70 0.00	42.07 -0.72 0.00	36.63 -0.54 0.00
CLINTON___LFGE 323618	50.34 2.12 0.00	80.10 3.83 0.00	77.17 3.65 0.00	67.77 3.11 0.00	62.45 2.83 0.00	70.18 3.21 0.00	72.27 3.57 0.00	67.71 3.48 0.00	61.93 2.76 0.00	51.41 1.76 0.00	39.77 0.59 0.00	35.06 0.69 0.00	27.62 0.63 0.00	27.57 0.59 0.00	30.24 0.35 0.00	35.75 0.20 0.00	47.27 0.58 0.00	53.11 0.86 0.00	43.46 0.52 0.00	36.89 0.45 0.00	36.15 0.28 0.00	39.54 0.33 0.00	43.11 0.32 0.00	37.40 0.24 0.00
COBBLENY_34_KV_TB1 80064	46.90 -1.33 0.00	72.85 -3.43 0.00	69.15 -4.37 0.00	60.48 -4.18 0.00	55.10 -4.51 0.00	47.98 -5.96 13.02	46.27 -6.35 16.08	42.58 -6.22 15.43	49.35 -5.57 4.24	45.46 -4.19 0.00	36.30 -2.88 0.00	31.63 -2.74 0.00	24.62 -2.37 0.00	24.56 -2.49 -0.07	27.23 -2.74 -0.08	32.57 -2.98 0.00	43.13 -3.56 0.00	48.50 -3.75 0.00	39.89 -3.06 0.00	33.39 -2.80 0.25	32.09 -2.61 1.17	36.27 -2.95 0.00	40.25 -2.54 0.00	35.22 -1.95 0.00
COFFEEN___115KV_TB3 355620	49.58 1.36 0.00	78.00 1.72 0.00	75.08 1.55 0.00	64.76 0.10 0.00	59.54 -0.07 0.00	67.84 0.87 0.00	71.41 2.72 0.00	65.93 1.70 0.00	59.58 0.41 0.00	48.79 -0.87 0.00	37.47 -1.71 0.00	32.97 -1.41 0.00	25.74 -1.25 0.00	25.89 -1.09 0.00	29.40 -0.49 0.00	35.35 -0.20 0.00	46.47 -0.22 0.00	52.13 -0.11 0.00	42.60 -0.35 0.00	36.04 -0.40 0.00	35.40 -0.46 0.00	38.63 -0.58 0.00	42.15 -0.64 0.00	36.50 -0.66 0.00
COLDSPRG_115KV_BK1 355956	47.84 -0.38 0.00	74.57 -1.70 0.00	70.34 -3.18 0.00	61.29 -3.37 0.00	55.94 -3.68 0.00	56.18 -4.59 6.20	56.53 -4.52 7.64	52.37 -4.53 7.33	53.48 -3.66 2.02	46.79 -2.87 0.00	37.26 -1.92 0.00	32.28 -2.10 0.00	25.03 -1.97 0.00	26.26 -1.88 -1.16	29.19 -2.00 -1.30	33.68 -1.87 0.00	44.26 -2.44 0.00	49.62 -2.62 0.00	40.93 -2.02 0.00	34.44 -1.86 0.14	33.43 -1.78 0.66	37.25 -1.96 0.00	41.12 -1.67 0.00	35.76 -1.40 0.00
COLONIE_LFGE___ 323577	49.95 1.72 0.00	78.58 2.30 0.00	75.89 2.37 0.00	66.93 2.27 0.00	61.87 2.25 0.00	69.63 2.66 0.00	71.18 2.49 0.00	66.55 2.32 0.00	61.34 2.17 0.00	51.39 1.74 0.00	40.55 1.37 0.00	35.52 1.14 0.00	27.88 0.89 0.00	27.92 0.93 0.00	30.84 0.95 0.00	36.67 1.12 0.00	48.17 1.48 0.00	53.87 1.63 0.00	44.16 1.21 0.00	37.46 1.02 0.00	36.94 1.07 0.00	40.68 1.47 0.00	44.37 1.58 0.00	38.56 1.40 0.00
COOPERNY_115KV_TB1 80082	49.26 1.04 0.00	77.41 1.14 0.00	74.45 0.93 0.00	65.68 1.02 0.00	60.83 1.22 0.00	68.35 1.39 0.00	70.25 1.56 0.00	66.04 1.81 0.00	61.04 1.88 0.00	51.34 1.68 0.00	40.68 1.50 0.00	35.57 1.19 0.00	27.89 0.90 0.00	27.97 0.99 0.00	31.09 1.20 0.00	36.91 1.36 0.00	48.46 1.77 0.00	54.16 1.91 0.00	44.64 1.69 0.00	37.88 1.45 0.00	37.30 1.43 0.00	40.66 1.45 0.00	44.21 1.41 0.00	38.17 1.01 0.00
COPENHAGEN_WT_PWR 323753	49.18 0.96 0.00	77.47 1.20 0.00	74.56 1.03 0.00	63.94 -0.73 0.00	58.60 -1.01 0.00	66.82 -0.14 0.00	70.75 2.06 0.00	65.16 0.93 0.00	58.73 -0.44 0.00	48.00 -1.66 0.00	36.96 -2.22 0.00	32.51 -1.86 0.00	25.40 -1.59 0.00	25.45 -1.53 0.00	28.81 -1.08 0.00	34.62 -0.94 0.00	45.53 -1.16 0.00	51.12 -1.13 0.00	41.70 -1.24 0.00	35.28 -1.16 0.00	34.66 -1.21 0.00	37.85 -1.36 0.00	41.33 -1.46 0.00	35.83 -1.34 0.00
CORNELL_____ 23752	48.65 0.42 0.00	76.53 0.25 0.00	73.28 -0.24 0.00	64.36 -0.30 0.00	59.21 -0.40 0.00	74.81 -0.52 -8.36	78.77 -0.28 -10.36	74.09 -0.08 -9.93	61.81 -0.11 -2.76	49.14 -0.52 0.00	38.61 -0.57 0.00	33.69 -0.68 0.00	26.38 -0.62 0.00	26.41 -0.57 0.00	29.43 -0.47 0.00	35.41 -0.14 0.00	46.83 0.14 0.00	52.48 0.23 0.00	43.21 0.26 0.00	36.74 0.20 -0.11	36.54 0.17 -0.50	39.25 0.04 0.00	42.77 -0.02 0.00	37.02 -0.14 0.00

CORONA_69_KV_TB1 355595	50.98 2.76 0.00	79.72 3.45 0.00	76.41 2.89 0.00	67.50 2.84 0.00	62.85 3.23 0.00	70.60 3.63 0.00	72.80 4.10 0.00	68.65 4.42 0.00	63.41 4.24 0.00	53.72 4.07 0.00	42.56 3.39 0.00	37.14 2.77 0.00	29.18 2.19 0.00	29.34 2.36 0.00	32.69 2.80 0.00	57.31 3.17 -18.59	114.55 4.01 -63.85	66.86 4.24 -10.38	46.63 3.67 -0.01	46.73 3.10 -7.19	61.94 3.11 -22.97	47.63 3.24 -5.18	46.03 3.22 -0.01	39.58 2.41 0.00
CORTLAND_115KV_TB3 80093	48.26 0.04 0.00	75.99 -0.29 0.00	72.91 -0.61 0.00	64.08 -0.58 0.00	59.04 -0.57 0.00	69.08 -0.62 -2.73	71.65 -0.43 -3.39	67.16 -0.32 -3.25	59.72 -0.34 -0.90	49.12 -0.54 0.00	38.72 -0.45 0.00	33.83 -0.54 0.00	26.50 -0.50 0.00	26.54 -0.44 0.00	29.53 -0.36 0.00	35.36 -0.19 0.00	46.63 -0.06 0.00	52.19 -0.06 0.00	42.96 0.01 0.00	36.42 -0.02 0.00	35.85 -0.02 0.00	39.09 -0.13 0.00	42.59 -0.20 0.00	36.88 -0.28 0.00
COXSACKIE___GT 23611	51.73 3.51 0.00	81.53 5.26 0.00	78.69 5.16 0.00	69.39 4.73 0.00	64.16 4.54 0.00	72.31 5.35 0.00	73.87 5.18 0.00	69.16 4.93 0.00	63.43 4.26 0.00	52.42 2.76 0.00	40.74 1.56 0.00	35.54 1.17 0.00	27.89 0.90 0.00	27.94 0.96 0.00	31.09 1.20 0.00	37.52 1.97 0.00	49.92 3.23 0.00	56.10 3.85 0.00	46.07 3.12 0.00	38.93 2.50 0.00	38.30 2.43 0.00	41.97 2.75 0.00	45.80 3.01 0.00	39.84 2.68 0.00
CPV_VALLEY___CC1 323721	49.36 1.13 0.00	77.40 1.13 0.00	74.45 0.93 0.00	65.69 1.03 0.00	60.92 1.30 0.00	68.44 1.48 0.00	70.42 1.73 0.00	66.28 2.05 0.00	61.33 2.16 0.00	51.65 1.99 0.00	40.95 1.77 0.00	35.81 1.43 0.00	28.09 1.09 0.00	28.19 1.21 0.00	31.33 1.44 0.00	37.17 1.62 0.00	48.73 2.04 0.00	54.46 2.22 0.00	44.92 1.98 0.00	38.11 1.67 0.00	37.54 1.68 0.00	40.92 1.71 0.00	44.45 1.66 0.00	38.34 1.18 0.00
CPV_VALLEY___CC2 323722	49.36 1.13 0.00	77.40 1.13 0.00	74.45 0.93 0.00	65.69 1.03 0.00	60.92 1.30 0.00	68.44 1.48 0.00	70.42 1.73 0.00	66.28 2.05 0.00	61.33 2.16 0.00	51.65 1.99 0.00	40.95 1.77 0.00	35.81 1.43 0.00	28.09 1.09 0.00	28.19 1.21 0.00	31.33 1.44 0.00	37.17 1.62 0.00	48.73 2.04 0.00	54.46 2.22 0.00	44.92 1.98 0.00	38.11 1.67 0.00	37.54 1.68 0.00	40.92 1.71 0.00	44.45 1.66 0.00	38.34 1.18 0.00
CRESCENT___HYD 24018	49.95 1.72 0.00	78.58 2.30 0.00	75.89 2.37 0.00	66.93 2.27 0.00	61.87 2.25 0.00	69.63 2.66 0.00	71.18 2.49 0.00	66.55 2.32 0.00	61.34 2.17 0.00	51.39 1.74 0.00	40.55 1.37 0.00	35.52 1.14 0.00	27.88 0.89 0.00	27.92 0.93 0.00	30.84 0.95 0.00	36.67 1.12 0.00	48.17 1.48 0.00	53.87 1.63 0.00	44.16 1.21 0.00	37.46 1.02 0.00	36.94 1.07 0.00	40.68 1.47 0.00	44.37 1.58 0.00	38.56 1.40 0.00
CRICKET___VALLEY_CC1 323756	49.55 1.33 0.00	77.56 1.29 0.00	74.78 1.25 0.00	66.08 1.41 0.00	61.26 1.64 0.00	68.86 1.89 0.00	70.69 2.00 0.00	66.58 2.35 0.00	61.59 2.43 0.00	51.90 2.24 0.00	41.14 1.96 0.00	36.03 1.65 0.00	28.36 1.37 0.00	28.46 1.48 0.00	31.62 1.73 0.00	37.35 1.80 0.00	48.97 2.27 0.00	54.68 2.43 0.00	45.09 2.15 0.00	38.24 1.80 0.00	37.67 1.80 0.00	41.05 1.84 0.00	44.58 1.79 0.00	38.44 1.28 0.00
CRICKET___VALLEY_CC2 323757	49.55 1.33 0.00	77.56 1.29 0.00	74.78 1.25 0.00	66.08 1.41 0.00	61.26 1.64 0.00	68.86 1.89 0.00	70.69 2.00 0.00	66.58 2.35 0.00	61.59 2.43 0.00	51.90 2.24 0.00	41.14 1.96 0.00	36.03 1.65 0.00	28.36 1.37 0.00	28.46 1.48 0.00	31.62 1.73 0.00	37.35 1.80 0.00	48.97 2.27 0.00	54.68 2.43 0.00	45.09 2.15 0.00	38.24 1.80 0.00	37.67 1.80 0.00	41.05 1.84 0.00	44.58 1.79 0.00	38.44 1.28 0.00
CRICKET___VALLEY_CC3 323758	49.55 1.33 0.00	77.56 1.29 0.00	74.78 1.25 0.00	66.08 1.41 0.00	61.26 1.64 0.00	68.86 1.89 0.00	70.69 2.00 0.00	66.58 2.35 0.00	61.59 2.43 0.00	51.90 2.24 0.00	41.14 1.96 0.00	36.03 1.65 0.00	28.36 1.37 0.00	28.46 1.48 0.00	31.62 1.73 0.00	37.35 1.80 0.00	48.97 2.27 0.00	54.68 2.43 0.00	45.09 2.15 0.00	38.24 1.80 0.00	37.67 1.80 0.00	41.05 1.84 0.00	44.58 1.79 0.00	38.44 1.28 0.00
CRUCIBLE_METL_DRP 24180	47.42 -0.80 0.00	74.66 -1.62 0.00	71.72 -1.80 0.00	63.06 -1.60 0.00	58.11 -1.50 0.00	65.26 -1.71 0.00	67.12 -1.57 0.00	62.78 -1.45 0.00	57.82 -1.34 0.00	48.41 -1.25 0.00	38.20 -0.98 0.00	33.45 -0.92 0.00	26.22 -0.77 0.00	26.27 -0.71 0.00	29.22 -0.68 0.00	34.87 -0.69 0.00	45.85 -0.85 0.00	51.28 -0.97 0.00	42.20 -0.75 0.00	35.82 -0.61 0.00	35.27 -0.60 0.00	38.46 -0.76 0.00	41.95 -0.84 0.00	36.42 -0.74 0.00
DAHOWA___HYDRO 323763	50.86 2.64 0.00	79.87 3.59 0.00	77.15 3.63 0.00	68.09 3.43 0.00	62.98 3.36 0.00	71.05 4.09 0.00	72.87 4.18 0.00	68.25 4.02 0.00	62.74 3.57 0.00	52.19 2.54 0.00	41.08 1.90 0.00	35.93 1.56 0.00	28.17 1.17 0.00	28.19 1.21 0.00	31.23 1.33 0.00	37.32 1.76 0.00	49.31 2.61 0.00	55.16 2.91 0.00	45.15 2.21 0.00	38.25 1.82 0.00	37.69 1.82 0.00	41.54 2.33 0.00	45.22 2.43 0.00	39.20 2.03 0.00
DANC___LFGE 323619	48.32 0.10 0.00	76.10 -0.18 0.00	73.20 -0.33 0.00	63.37 -1.29 0.00	58.23 -1.39 0.00	66.03 -0.94 0.00	69.07 0.37 0.00	63.93 -0.30 0.00	58.11 -1.06 0.00	47.93 -1.73 0.00	37.26 -1.92 0.00	32.77 -1.60 0.00	25.66 -1.33 0.00	25.70 -1.28 0.00	28.90 -0.99 0.00	34.60 -0.95 0.00	45.46 -1.23 0.00	50.94 -1.31 0.00	41.66 -1.28 0.00	35.30 -1.13 0.00	34.73 -1.14 0.00	37.93 -1.28 0.00	41.44 -1.36 0.00	35.95 -1.22 0.00
DANSKAMMER___1 23586	50.54 2.32 0.00	79.11 2.84 0.00	76.13 2.60 0.00	67.21 2.55 0.00	62.36 2.75 0.00	70.12 3.16 0.00	72.23 3.54 0.00	68.06 3.83 0.00	62.89 3.73 0.00	52.89 3.23 0.00	41.90 2.72 0.00	36.63 2.26 0.00	28.73 1.73 0.00	28.83 1.85 0.00	32.12 2.23 0.00	38.11 2.56 0.00	50.04 3.34 0.00	55.90 3.66 0.00	46.10 3.15 0.00	39.09 2.65 0.00	38.49 2.63 0.00	41.92 2.70 0.00	45.49 2.70 0.00	39.18 2.01 0.00
DANSKAMMER___2 23589	50.54 2.32 0.00	79.11 2.84 0.00	76.13 2.60 0.00	67.21 2.55 0.00	62.36 2.75 0.00	70.12 3.16 0.00	72.23 3.54 0.00	68.06 3.83 0.00	62.89 3.73 0.00	52.89 3.23 0.00	41.90 2.72 0.00	36.63 2.26 0.00	28.73 1.73 0.00	28.83 1.85 0.00	32.12 2.23 0.00	38.11 2.56 0.00	50.04 3.34 0.00	55.90 3.66 0.00	46.10 3.15 0.00	39.09 2.65 0.00	38.49 2.63 0.00	41.92 2.70 0.00	45.49 2.70 0.00	39.18 2.01 0.00
DANSKAMMER___3 23590	50.54 2.32 0.00	79.11 2.84 0.00	76.13 2.60 0.00	67.21 2.55 0.00	62.36 2.75 0.00	70.12 3.16 0.00	72.23 3.54 0.00	68.06 3.83 0.00	62.89 3.73 0.00	52.89 3.23 0.00	41.90 2.72 0.00	36.63 2.26 0.00	28.73 1.73 0.00	28.83 1.85 0.00	32.12 2.23 0.00	38.11 2.56 0.00	50.04 3.34 0.00	55.90 3.66 0.00	46.10 3.15 0.00	39.09 2.65 0.00	38.49 2.63 0.00	41.92 2.70 0.00	45.49 2.70 0.00	39.18 2.01 0.00

DANSKAMMER___4 23591	50.54 2.32 0.00	79.11 2.84 0.00	76.13 2.60 0.00	67.21 2.55 0.00	62.36 2.75 0.00	70.12 3.16 0.00	72.23 3.54 0.00	68.06 3.83 0.00	62.89 3.73 0.00	52.89 3.23 0.00	41.90 2.72 0.00	36.63 2.26 0.00	28.73 1.73 0.00	28.83 1.85 0.00	32.12 2.23 0.00	38.11 2.56 0.00	50.04 3.34 0.00	55.90 3.66 0.00	46.10 3.15 0.00	39.09 2.65 0.00	38.49 2.63 0.00	41.92 2.70 0.00	45.49 2.70 0.00	39.18 2.01 0.00
DANSKAMMER___DIESEL 23592	50.54 2.32 0.00	79.11 2.84 0.00	76.13 2.61 0.00	67.21 2.55 0.00	62.37 2.76 0.00	70.14 3.18 0.00	72.24 3.54 0.00	68.06 3.83 0.00	62.89 3.73 0.00	52.89 3.23 0.00	41.90 2.73 0.00	36.63 2.25 0.00	28.73 1.73 0.00	28.83 1.85 0.00	32.12 2.23 0.00	38.10 2.55 0.00	50.04 3.35 0.00	55.90 3.66 0.00	46.10 3.15 0.00	39.09 2.65 0.00	38.49 2.63 0.00	41.92 2.71 0.00	45.49 2.70 0.00	39.18 2.02 0.00
DARBY___SOLAR 323810	50.59 2.37 0.00	79.50 3.22 0.00	76.78 3.25 0.00	67.73 3.07 0.00	62.64 3.03 0.00	70.63 3.66 0.00	72.40 3.71 0.00	67.77 3.54 0.00	62.33 3.16 0.00	51.90 2.24 0.00	40.85 1.67 0.00	35.75 1.37 0.00	28.03 1.04 0.00	28.07 1.09 0.00	31.10 1.21 0.00	37.13 1.58 0.00	49.03 2.34 0.00	54.83 2.59 0.00	44.91 1.96 0.00	38.05 1.61 0.00	37.49 1.62 0.00	41.31 2.10 0.00	44.97 2.18 0.00	39.01 1.85 0.00
DASHVILLE___HYD 23610	50.05 1.83 0.00	78.48 2.21 0.00	75.50 1.98 0.00	66.69 2.03 0.00	61.89 2.27 0.00	69.58 2.61 0.00	71.61 2.92 0.00	67.43 3.20 0.00	62.34 3.17 0.00	52.42 2.76 0.00	41.51 2.33 0.00	36.26 1.89 0.00	28.44 1.44 0.00	28.55 1.57 0.00	31.79 1.89 0.00	37.71 2.16 0.00	49.51 2.81 0.00	55.37 3.12 0.00	45.68 2.74 0.00	38.72 2.28 0.00	38.13 2.26 0.00	41.51 2.30 0.00	45.02 2.23 0.00	38.76 1.60 0.00
DELAWARE___LFGE 323621	49.16 0.94 0.00	77.52 1.25 0.00	74.54 1.01 0.00	65.72 1.06 0.00	60.75 1.14 0.00	68.23 1.26 0.00	69.82 1.12 0.00	65.45 1.22 0.00	60.36 1.19 0.00	50.64 0.98 0.00	40.03 0.85 0.00	35.02 0.65 0.00	27.45 0.46 0.00	27.49 0.51 0.00	30.56 0.67 0.00	36.37 0.82 0.00	47.80 1.11 0.00	53.49 1.25 0.00	44.04 1.10 0.00	37.35 0.91 0.00	36.77 0.90 0.00	40.11 0.90 0.00	43.62 0.83 0.00	37.71 0.55 0.00
DERFIELD_115KV_TB7 355931	48.40 0.18 0.00	76.43 0.15 0.00	73.67 0.15 0.00	64.75 0.09 0.00	59.74 0.12 0.00	67.21 0.24 0.00	68.90 0.21 0.00	64.42 0.19 0.00	59.30 0.13 0.00	49.71 0.05 0.00	39.21 0.03 0.00	34.37 0.00 0.00	26.99 0.00 0.00	27.00 0.02 0.00	29.93 0.04 0.00	35.62 0.07 0.00	46.76 0.06 0.00	52.31 0.06 0.00	43.03 0.08 0.00	36.48 0.04 0.00	35.94 0.07 0.00	39.32 0.11 0.00	42.88 0.09 0.00	37.20 0.04 0.00
DOGLEVILLE___HYD 23807	51.37 3.15 0.00	80.90 4.62 0.00	77.86 4.33 0.00	68.60 3.94 0.00	63.49 3.88 0.00	71.80 4.84 0.00	73.23 4.53 0.00	68.52 4.29 0.00	62.53 3.36 0.00	51.39 1.74 0.00	40.14 0.96 0.00	34.96 0.59 0.00	27.41 0.42 0.00	27.30 0.32 0.00	30.58 0.69 0.00	37.01 1.46 0.00	49.23 2.54 0.00	55.20 2.96 0.00	45.48 2.53 0.00	38.56 2.12 0.00	37.96 2.09 0.00	41.73 2.51 0.00	45.24 2.45 0.00	39.00 1.84 0.00
DUNKIRK__115KV_TB_200 55889	46.56 -1.66 0.00	72.60 -3.68 0.00	68.26 -5.26 0.00	59.37 -5.29 0.00	54.16 -5.46 0.00	46.25 -6.64 14.07	44.57 -6.71 17.41	40.97 -6.56 16.70	48.95 -5.63 4.59	45.06 -4.60 0.00	36.00 -3.18 0.00	31.21 -3.16 0.00	24.21 -2.79 0.00	23.77 -2.80 0.41	26.38 -3.06 0.46	32.34 -3.21 0.00	42.63 -4.07 0.00	47.78 -4.46 0.00	39.42 -3.52 0.00	32.99 -3.16 0.28	31.47 -3.07 1.33	36.00 -3.22 0.00	39.85 -2.95 0.00	34.72 -2.44 0.00
DUNKIRK___1 23563	46.56 -1.66 0.00	72.60 -3.68 0.00	68.26 -5.26 0.00	59.37 -5.29 0.00	54.16 -5.46 0.00	46.25 -6.64 14.07	44.57 -6.71 17.41	40.97 -6.56 16.70	48.95 -5.63 4.59	45.06 -4.60 0.00	36.00 -3.18 0.00	31.21 -3.16 0.00	24.21 -2.79 0.00	23.77 -2.80 0.41	26.38 -3.06 0.46	32.34 -3.21 0.00	42.63 -4.07 0.00	47.78 -4.46 0.00	39.42 -3.52 0.00	32.99 -3.16 0.28	31.47 -3.07 1.33	36.00 -3.22 0.00	39.85 -2.95 0.00	34.72 -2.44 0.00
DUNKIRK___2 23564	46.56 -1.66 0.00	72.60 -3.68 0.00	68.26 -5.26 0.00	59.37 -5.29 0.00	54.16 -5.46 0.00	46.25 -6.64 14.07	44.57 -6.71 17.41	40.97 -6.56 16.70	48.95 -5.63 4.59	45.06 -4.60 0.00	36.00 -3.18 0.00	31.21 -3.16 0.00	24.21 -2.79 0.00	23.77 -2.80 0.41	26.38 -3.06 0.46	32.34 -3.21 0.00	42.63 -4.07 0.00	47.78 -4.46 0.00	39.42 -3.52 0.00	32.99 -3.16 0.28	31.47 -3.07 1.33	36.00 -3.22 0.00	39.85 -2.95 0.00	34.72 -2.44 0.00
DUNKIRK___3 23565	46.48 -1.75 0.00	72.46 -3.82 0.00	68.31 -5.22 0.00	59.51 -5.15 0.00	54.27 -5.34 0.00	45.19 -6.57 15.20	43.17 -6.72 18.81	39.61 -6.58 18.04	48.49 -5.72 4.96	45.04 -4.61 0.00	35.98 -3.20 0.00	31.26 -3.11 0.00	24.27 -2.72 0.00	24.01 -2.75 0.22	26.65 -3.00 0.24	32.34 -3.21 0.00	42.66 -4.03 0.00	47.84 -4.40 0.00	39.42 -3.52 0.00	32.96 -3.16 0.31	31.40 -3.02 1.45	35.98 -3.23 0.00	39.85 -2.94 0.00	34.76 -2.40 0.00
DUNKIRK___4 23566	46.48 -1.75 0.00	72.46 -3.82 0.00	68.31 -5.22 0.00	59.51 -5.15 0.00	54.27 -5.34 0.00	45.19 -6.57 15.20	43.17 -6.72 18.81	39.61 -6.58 18.04	48.49 -5.72 4.96	45.04 -4.61 0.00	35.98 -3.20 0.00	31.26 -3.11 0.00	24.27 -2.72 0.00	24.01 -2.75 0.22	26.65 -3.00 0.24	32.34 -3.21 0.00	42.66 -4.03 0.00	47.84 -4.40 0.00	39.42 -3.52 0.00	32.96 -3.16 0.31	31.40 -3.02 1.45	35.98 -3.23 0.00	39.85 -2.94 0.00	34.76 -2.40 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.31 2.09 0.00	78.65 2.37 0.00	75.56 2.04 0.00	66.73 2.07 0.00	62.01 2.39 0.00	69.71 2.75 0.00	71.91 3.21 0.00	67.87 3.64 0.00	62.82 3.66 0.00	53.01 3.35 0.00	42.07 2.89 0.00	36.80 2.42 0.00	28.87 1.87 0.00	28.97 1.99 0.00	32.26 2.36 0.00	38.21 2.66 0.00	50.06 3.37 0.00	55.82 3.57 0.00	46.06 3.12 0.00	39.07 2.63 0.00	38.49 2.62 0.00	41.88 2.67 0.00	45.46 2.67 0.00	39.14 1.98 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.11 1.89 0.00	78.51 2.24 0.00	75.50 1.98 0.00	66.66 2.00 0.00	61.85 2.23 0.00	69.52 2.56 0.00	71.61 2.92 0.00	67.46 3.23 0.00	62.38 3.22 0.00	52.48 2.82 0.00	41.58 2.40 0.00	36.34 1.97 0.00	28.49 1.50 0.00	28.61 1.62 0.00	31.84 1.95 0.00	37.79 2.24 0.00	49.62 2.92 0.00	55.44 3.20 0.00	45.73 2.79 0.00	38.78 2.35 0.00	38.19 2.33 0.00	41.61 2.40 0.00	45.16 2.36 0.00	38.90 1.74 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.21 1.99 0.00	78.32 2.04 0.00	75.52 2.00 0.00	66.88 2.22 0.00	62.14 2.52 0.00	69.76 2.79 0.00	71.91 3.22 0.00	67.97 3.74 0.00	63.02 3.86 0.00	53.05 3.39 0.00	42.22 3.04 0.00	36.93 2.56 0.00	28.99 2.00 0.00	29.10 2.12 0.00	32.46 2.57 0.00	38.31 2.76 0.00	50.12 3.43 0.00	55.90 3.65 0.00	46.31 3.37 0.00	39.25 2.81 0.00	38.64 2.77 0.00	42.00 2.79 0.00	45.50 2.71 0.00	39.25 2.08 0.00

E179THST_13_KV_LOAD 356214	50.45 2.23 0.00	78.64 2.37 0.00	75.81 2.29 0.00	67.14 2.48 0.00	62.38 2.76 0.00	70.03 3.06 0.00	72.24 3.55 0.00	68.29 4.06 0.00	63.32 4.16 0.00	53.30 3.64 0.00	42.42 3.24 0.00	37.10 2.73 0.00	29.13 2.14 0.00	29.24 2.26 0.00	32.62 2.73 0.00	38.49 2.94 0.00	50.37 3.67 0.00	56.19 3.94 0.00	46.54 3.60 0.00	39.44 3.00 0.00	38.82 2.95 0.00	42.20 2.99 0.00	45.72 2.93 0.00	39.42 2.26 0.00
EAST HAMPTON___GT 23717	53.24 5.02 0.00	82.81 6.53 0.00	79.17 5.65 0.00	70.15 5.48 0.00	65.80 6.18 0.00	74.12 7.16 0.00	76.70 8.01 0.00	72.32 8.09 0.00	66.42 7.25 0.00	56.09 6.43 0.00	43.95 4.78 0.00	38.25 3.87 0.00	30.05 3.06 0.00	30.15 3.17 0.00	33.71 3.81 0.00	49.12 4.52 -9.05	84.03 6.25 -31.09	63.63 6.33 -5.05	48.30 5.34 -0.01	44.64 4.71 -3.50	51.90 4.85 -11.19	46.70 4.97 -2.52	47.58 4.78 -0.01	40.83 3.67 0.00
EAST RIVER___6 23660	50.32 2.10 0.00	78.55 2.28 0.00	75.53 2.00 0.00	66.71 2.05 0.00	62.05 2.43 0.00	69.77 2.80 0.00	72.09 3.40 0.00	68.11 3.88 0.00	63.09 3.92 0.00	53.30 3.64 0.00	42.34 3.16 0.00	37.05 2.67 0.00	29.06 2.06 0.00	29.16 2.18 0.00	32.47 2.58 0.00	38.47 2.92 0.00	50.39 3.69 0.00	56.16 3.91 0.00	46.34 3.40 0.00	39.27 2.84 0.00	38.68 2.81 0.00	42.03 2.82 0.00	45.58 2.79 0.00	39.22 2.06 0.00
EAST RIVER___7 23524	50.32 2.10 0.00	78.55 2.28 0.00	75.53 2.00 0.00	66.71 2.05 0.00	62.05 2.43 0.00	69.77 2.80 0.00	72.09 3.40 0.00	68.11 3.88 0.00	63.09 3.92 0.00	53.30 3.64 0.00	42.34 3.16 0.00	37.05 2.67 0.00	29.06 2.06 0.00	29.16 2.18 0.00	32.47 2.58 0.00	38.47 2.92 0.00	50.39 3.69 0.00	56.16 3.91 0.00	46.34 3.40 0.00	39.27 2.84 0.00	38.68 2.81 0.00	42.03 2.82 0.00	45.58 2.79 0.00	39.22 2.06 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.20 1.98 0.00	78.52 2.24 0.00	75.48 1.96 0.00	66.65 1.99 0.00	61.92 2.31 0.00	69.60 2.64 0.00	71.75 3.06 0.00	67.68 3.45 0.00	62.64 3.48 0.00	52.85 3.19 0.00	41.94 2.77 0.00	36.68 2.31 0.00	28.77 1.78 0.00	28.88 1.90 0.00	32.14 2.25 0.00	38.08 2.53 0.00	49.91 3.22 0.00	55.69 3.45 0.00	45.96 3.01 0.00	38.97 2.54 0.00	38.39 2.52 0.00	41.78 2.57 0.00	45.36 2.57 0.00	39.06 1.90 0.00
EAST_HAMPTON___DIESEL 23722	53.24 5.02 0.00	82.80 6.52 0.00	79.17 5.65 0.00	70.15 5.49 0.00	65.81 6.20 0.00	74.14 7.18 0.00	76.70 8.01 0.00	72.33 8.11 0.00	66.42 7.25 0.00	56.10 6.44 0.00	43.95 4.78 0.00	38.25 3.87 0.00	30.05 3.06 0.00	30.14 3.16 0.00	33.70 3.81 0.00	49.12 4.52 -9.05	84.03 6.25 -31.09	63.62 6.33 -5.05	48.30 5.34 -0.01	44.64 4.70 -3.50	51.90 4.85 -11.19	46.70 4.96 -2.52	47.57 4.77 -0.01	40.83 3.66 0.00
EAST_POINT___SOLAR 323840	50.06 1.83 0.00	79.00 2.73 0.00	76.13 2.60 0.00	66.81 2.15 0.00	61.67 2.06 0.00	69.78 2.81 0.00	71.81 3.11 0.00	67.22 3.00 0.00	60.79 1.63 0.00	49.51 -0.15 0.00	38.91 -0.27 0.00	34.22 -0.15 0.00	26.92 -0.08 0.00	26.59 -0.39 0.00	29.77 -0.12 0.00	36.31 0.76 0.00	48.54 1.85 0.00	54.64 2.40 0.00	44.95 2.00 0.00	38.07 1.63 0.00	37.40 1.53 0.00	40.85 1.64 0.00	44.34 1.55 0.00	38.32 1.16 0.00
EAST_PULASKI___ESR 323781	47.54 -0.68 0.00	74.80 -1.48 0.00	71.92 -1.60 0.00	62.86 -1.80 0.00	57.88 -1.73 0.00	65.28 -1.69 0.00	67.48 -1.22 0.00	62.81 -1.42 0.00	57.60 -1.57 0.00	47.95 -1.71 0.00	37.60 -1.58 0.00	33.05 -1.33 0.00	25.94 -1.06 0.00	25.97 -1.01 0.00	28.99 -0.90 0.00	34.61 -0.94 0.00	45.45 -1.24 0.00	50.86 -1.38 0.00	41.71 -1.24 0.00	35.40 -1.04 0.00	34.84 -1.03 0.00	38.07 -1.14 0.00	41.56 -1.23 0.00	36.07 -1.09 0.00
EAST_RIVER___1 323558	50.35 2.13 0.00	78.62 2.34 0.00	75.58 2.06 0.00	66.75 2.09 0.00	62.08 2.47 0.00	69.81 2.84 0.00	72.09 3.39 0.00	68.10 3.87 0.00	63.06 3.90 0.00	53.28 3.62 0.00	42.30 3.12 0.00	37.02 2.65 0.00	29.04 2.04 0.00	29.14 2.16 0.00	32.45 2.55 0.00	38.44 2.89 0.00	50.33 3.64 0.00	56.10 3.86 0.00	46.30 3.36 0.00	39.25 2.82 0.00	38.67 2.80 0.00	42.03 2.82 0.00	45.59 2.80 0.00	39.22 2.06 0.00
EAST_RIVER___2 323559	50.32 2.10 0.00	78.55 2.28 0.00	75.53 2.00 0.00	66.71 2.05 0.00	62.05 2.43 0.00	69.77 2.80 0.00	72.09 3.40 0.00	68.11 3.88 0.00	63.09 3.92 0.00	53.30 3.64 0.00	42.34 3.16 0.00	37.05 2.67 0.00	29.06 2.06 0.00	29.16 2.18 0.00	32.47 2.58 0.00	38.47 2.92 0.00	50.39 3.69 0.00	56.16 3.91 0.00	46.34 3.40 0.00	39.27 2.84 0.00	38.68 2.81 0.00	42.03 2.82 0.00	45.58 2.79 0.00	39.22 2.06 0.00
EAST___DELAWARE_HYD 23607	50.44 2.22 0.00	79.10 2.83 0.00	76.06 2.54 0.00	67.15 2.48 0.00	62.29 2.68 0.00	70.10 3.13 0.00	72.24 3.55 0.00	68.06 3.83 0.00	62.85 3.69 0.00	52.73 3.08 0.00	41.74 2.56 0.00	36.39 2.02 0.00	28.49 1.49 0.00	28.59 1.61 0.00	31.87 1.98 0.00	37.92 2.37 0.00	49.95 3.26 0.00	55.85 3.61 0.00	46.09 3.14 0.00	39.07 2.64 0.00	38.46 2.60 0.00	41.86 2.65 0.00	45.41 2.62 0.00	39.09 1.93 0.00
EIGHT_POINT___WT_PWR 323820	47.30 -0.92 0.00	73.12 -3.15 0.00	69.11 -4.41 0.00	60.07 -4.59 0.00	53.82 -5.80 -0.01	121.25 -8.03 -62.32	138.12 -7.88 -77.31	131.26 -7.11 -74.13	72.92 -6.62 -20.37	43.84 -5.82 0.00	34.90 -4.28 0.00	30.20 -4.17 0.00	23.52 -3.48 0.00	23.77 -3.32 -0.11	26.48 -3.54 -0.12	31.73 -3.82 0.00	42.12 -4.58 0.00	47.13 -5.11 0.00	38.74 -4.20 0.00	33.86 -3.62 -1.04	37.22 -3.50 -4.86	35.22 -3.99 0.00	38.65 -4.15 0.00	33.59 -3.57 0.00
ELBRIDGE_115KV_TB2 80188	47.19 -1.04 0.00	74.27 -2.01 0.00	71.35 -2.17 0.00	62.73 -1.94 0.00	57.79 -1.82 0.00	64.87 -2.09 0.00	66.67 -2.02 0.00	62.39 -1.84 0.00	57.49 -1.67 0.00	48.15 -1.51 0.00	38.02 -1.16 0.00	33.30 -1.07 0.00	26.13 -0.87 0.00	26.14 -0.84 0.00	29.04 -0.85 0.00	34.66 -0.89 0.00	45.58 -1.12 0.00	50.99 -1.25 0.00	41.95 -0.99 0.00	35.61 -0.82 0.00	35.07 -0.80 0.00	38.24 -0.97 0.00	41.72 -1.07 0.00	36.23 -0.93 0.00
ELEC_TRO_TEK 24086	50.76 2.53 0.00	79.37 3.09 0.00	76.06 2.54 0.00	67.18 2.52 0.00	62.59 2.97 0.00	70.34 3.37 0.00	72.50 3.81 0.00	68.34 4.11 0.00	63.13 3.97 0.00	53.51 3.85 0.00	42.36 3.18 0.00	36.97 2.60 0.00	29.05 2.06 0.00	29.21 2.23 0.00	32.56 2.66 0.00	54.22 3.03 -15.65	104.25 3.80 -53.75	64.94 3.96 -8.74	46.38 3.43 -0.01	45.41 2.92 -6.05	58.13 2.92 -19.34	46.62 3.04 -4.36	45.82 3.02 -0.01	39.41 2.25 0.00
ELLENBURG_WT_PWR 323604	49.00 0.78 0.00	78.11 1.83 0.00	75.36 1.84 0.00	66.21 1.55 0.00	60.98 1.36 0.00	68.41 1.45 0.00	70.28 1.58 0.00	65.68 1.45 0.00	60.08 0.92 0.00	50.18 0.53 0.00	39.12 -0.07 0.00	34.54 0.17 0.00	27.24 0.25 0.00	27.06 0.08 0.00	29.68 -0.22 0.00	35.08 -0.47 0.00	46.09 -0.60 0.00	51.55 -0.69 0.00	42.23 -0.72 0.00	35.83 -0.61 0.00	35.14 -0.72 0.00	38.51 -0.70 0.00	42.07 -0.72 0.00	36.63 -0.54 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	46.09 -2.13 0.00	71.60 -4.67 0.00	68.00 -5.53 0.00	59.46 -5.20 0.00	54.15 -5.47 0.00	41.59 -7.13 18.24	38.43 -7.65 22.61	35.05 -7.49 21.69	46.43 -6.79 5.95	44.52 -5.14 0.00	35.57 -3.61 0.00	31.03 -3.34 0.00	24.17 -2.83 0.00	24.02 -2.96 0.00	26.62 -3.28 0.00	31.89 -3.66 0.00	42.21 -4.49 0.00	47.41 -4.84 0.00	38.99 -3.96 0.00	32.56 -3.54 0.33	30.97 -3.33 1.56	35.52 -3.69 0.00	39.50 -3.30 0.00	34.65 -2.51 0.00
EMPIRE_CC_1 323656	49.25 1.03 0.00	77.50 1.22 0.00	75.07 1.55 0.00	66.04 1.37 0.00	61.06 1.44 0.00	68.64 1.68 0.00	70.06 1.37 0.00	65.37 1.14 0.00	60.40 1.24 0.00	50.73 1.07 0.00	40.18 1.00 0.00	35.26 0.88 0.00	27.69 0.69 0.00	27.72 0.73 0.00	30.61 0.72 0.00	36.32 0.77 0.00	47.42 0.72 0.00	52.97 0.73 0.00	43.46 0.52 0.00	36.88 0.45 0.00	36.39 0.52 0.00	40.07 0.85 0.00	43.77 0.97 0.00	38.21 1.04 0.00
EMPIRE_CC_2 323658	49.25 1.03 0.00	77.50 1.22 0.00	75.07 1.55 0.00	66.04 1.37 0.00	61.06 1.44 0.00	68.64 1.68 0.00	70.06 1.37 0.00	65.37 1.14 0.00	60.40 1.24 0.00	50.73 1.07 0.00	40.18 1.00 0.00	35.26 0.88 0.00	27.69 0.69 0.00	27.72 0.73 0.00	30.61 0.72 0.00	36.32 0.77 0.00	47.42 0.72 0.00	52.97 0.73 0.00	43.46 0.52 0.00	36.88 0.45 0.00	36.39 0.52 0.00	40.07 0.85 0.00	43.77 0.97 0.00	38.21 1.04 0.00
ENORWICH_115KV_TB1 80156	51.08 2.86 0.00	80.42 4.14 0.00	76.92 3.39 0.00	67.22 2.56 0.00	61.18 1.56 0.00	72.47 1.09 -4.41	75.09 0.92 -5.47	71.07 1.59 -5.25	61.67 1.06 -1.45	49.13 -0.52 0.00	38.32 -0.86 0.00	33.36 -1.01 0.00	26.16 -0.84 0.00	26.18 -0.80 0.00	29.26 -0.63 0.00	35.50 -0.05 0.00	47.15 0.45 0.00	52.94 0.70 0.00	43.65 0.71 0.00	36.97 0.48 -0.05	36.54 0.42 -0.25	39.49 0.28 0.00	42.84 0.05 0.00	36.89 -0.27 0.00
ERIE_ST__34_KV_TB1-2 80199	47.23 -0.99 0.00	73.40 -2.88 0.00	69.72 -3.80 0.00	61.00 -3.66 0.00	55.61 -4.00 0.00	47.20 -5.33 14.44	45.14 -5.76 17.80	41.46 -5.69 17.08	49.43 -5.03 4.71	45.92 -3.74 0.00	36.65 -2.53 0.00	31.99 -2.38 0.00	24.90 -2.10 0.00	24.76 -2.23 0.00	27.48 -2.42 0.00	32.94 -2.61 0.00	43.59 -3.11 0.00	49.00 -3.24 0.00	40.28 -2.67 0.00	33.71 -2.45 0.27	32.36 -2.24 1.27	36.63 -2.59 0.00	40.61 -2.18 0.00	35.54 -1.62 0.00
ERIE_WT_PWR 323693	46.58 -1.65 0.00	72.31 -3.96 0.00	68.66 -4.87 0.00	60.03 -4.64 0.00	54.62 -5.00 0.00	44.10 -6.47 16.40	41.65 -6.78 20.26	38.12 -6.67 19.44	47.63 -6.18 5.35	44.96 -4.70 0.00	35.91 -3.27 0.00	31.32 -3.05 0.00	24.37 -2.62 0.00	24.23 -2.75 0.00	26.89 -3.01 0.00	32.22 -3.33 0.00	42.70 -3.99 0.00	47.95 -4.29 0.00	39.41 -3.54 0.00	32.92 -3.21 0.30	31.44 -3.00 1.43	35.85 -3.36 0.00	39.81 -2.98 0.00	34.91 -2.26 0.00
ESPRGFLD_115KV_TB1 80157	48.69 0.47 0.00	76.91 0.64 0.00	73.96 0.44 0.00	64.87 0.20 0.00	59.77 0.15 0.00	67.33 0.37 0.00	69.13 0.43 0.00	64.79 0.55 0.00	59.53 0.36 0.00	49.73 0.07 0.00	39.23 0.05 0.00	34.35 -0.02 0.00	26.95 -0.05 0.00	26.83 -0.15 0.00	29.91 0.02 0.00	35.71 0.16 0.00	47.15 0.45 0.00	52.91 0.67 0.00	43.60 0.65 0.00	36.94 0.51 0.00	36.30 0.43 0.00	39.52 0.31 0.00	42.88 0.09 0.00	37.04 -0.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.57 0.35 0.00	76.42 0.15 0.00	73.22 -0.31 0.00	64.31 -0.36 0.00	59.17 -0.44 0.00	73.32 -0.56 -6.91	76.91 -0.35 -8.57	72.30 -0.15 -8.21	61.25 -0.19 -2.28	49.09 -0.57 0.00	38.60 -0.57 0.00	33.69 -0.68 0.00	26.37 -0.62 0.00	26.41 -0.57 0.00	29.42 -0.47 0.00	35.38 -0.17 0.00	46.76 0.06 0.00	52.39 0.14 0.00	43.12 0.17 0.00	36.65 0.13 -0.09	36.40 0.12 -0.42	39.19 -0.02 0.00	42.71 -0.08 0.00	36.98 -0.18 0.00
ETNA____115KV_TB2 80207	48.57 0.35 0.00	76.42 0.15 0.00	73.22 -0.31 0.00	64.31 -0.36 0.00	59.17 -0.44 0.00	73.32 -0.56 -6.91	76.91 -0.35 -8.57	72.30 -0.15 -8.21	61.25 -0.19 -2.28	49.09 -0.57 0.00	38.60 -0.57 0.00	33.69 -0.68 0.00	26.37 -0.62 0.00	26.41 -0.57 0.00	29.42 -0.47 0.00	35.38 -0.17 0.00	46.76 0.06 0.00	52.39 0.14 0.00	43.12 0.17 0.00	36.65 0.13 -0.09	36.40 0.12 -0.42	39.19 -0.02 0.00	42.71 -0.08 0.00	36.98 -0.18 0.00
EUCLID__115KV_TB2 356179	46.92 -1.30 0.00	73.87 -2.40 0.00	71.01 -2.51 0.00	62.43 -2.23 0.00	57.51 -2.10 0.00	64.58 -2.39 0.00	66.35 -2.35 0.00	62.06 -2.17 0.00	57.19 -1.98 0.00	47.93 -1.72 0.00	37.87 -1.30 0.00	33.22 -1.15 0.00	26.07 -0.93 0.00	26.07 -0.91 0.00	28.96 -0.94 0.00	34.50 -1.05 0.00	45.34 -1.36 0.00	50.71 -1.53 0.00	41.72 -1.23 0.00	35.41 -1.02 0.00	34.87 -0.99 0.00	38.04 -1.18 0.00	41.54 -1.26 0.00	36.09 -1.07 0.00
E_CANADA_CAP_HY 24051	48.78 0.56 0.00	77.10 0.83 0.00	74.34 0.82 0.00	65.09 0.43 0.00	59.93 0.32 0.00	67.74 0.78 0.00	69.59 0.90 0.00	65.08 0.84 0.00	59.50 0.34 0.00	49.45 -0.21 0.00	38.95 -0.23 0.00	34.16 -0.21 0.00	26.82 -0.17 0.00	26.55 -0.43 0.00	29.62 -0.27 0.00	35.46 -0.09 0.00	47.01 0.31 0.00	52.85 0.60 0.00	43.48 0.54 0.00	36.85 0.41 0.00	36.20 0.33 0.00	39.59 0.38 0.00	43.00 0.21 0.00	37.21 0.06 0.00
E_CANADA_MHWK_HY 24050	51.37 3.15 0.00	80.90 4.62 0.00	77.86 4.33 0.00	68.60 3.94 0.00	63.49 3.88 0.00	71.81 4.84 0.00	73.23 4.54 0.00	68.53 4.30 0.00	62.53 3.37 0.00	51.39 1.74 0.00	40.14 0.96 0.00	34.96 0.59 0.00	27.41 0.42 0.00	27.30 0.32 0.00	30.58 0.69 0.00	37.01 1.46 0.00	49.23 2.53 0.00	55.20 2.96 0.00	45.48 2.53 0.00	38.56 2.12 0.00	37.96 2.09 0.00	41.72 2.51 0.00	45.24 2.45 0.00	39.00 1.84 0.00
E_FISHKILL__LBMP 23776	49.92 1.70 0.00	78.17 1.90 0.00	75.23 1.70 0.00	66.42 1.76 0.00	61.65 2.03 0.00	69.29 2.33 0.00	71.29 2.59 0.00	67.14 2.91 0.00	62.10 2.94 0.00	52.34 2.68 0.00	41.50 2.32 0.00	36.31 1.93 0.00	28.50 1.51 0.00	28.61 1.62 0.00	31.81 1.92 0.00	37.68 2.13 0.00	49.40 2.70 0.00	55.15 2.90 0.00	45.48 2.53 0.00	38.57 2.14 0.00	37.99 2.13 0.00	41.40 2.19 0.00	44.95 2.16 0.00	38.76 1.60 0.00
FALCON__SEABRD_CC1 323796	49.72 1.50 0.00	79.19 2.91 0.00	76.39 2.86 0.00	67.10 2.44 0.00	61.81 2.19 0.00	69.39 2.42 0.00	71.24 2.55 0.00	66.66 2.43 0.00	60.99 1.82 0.00	50.80 1.15 0.00	39.62 0.44 0.00	34.94 0.56 0.00	27.56 0.56 0.00	27.43 0.45 0.00	30.02 0.13 0.00	35.50 -0.05 0.00	46.71 0.02 0.00	52.24 -0.01 0.00	42.72 -0.22 0.00	36.23 -0.21 0.00	35.54 -0.32 0.00	38.99 -0.22 0.00	42.54 -0.25 0.00	36.98 -0.19 0.00
FALCON__SEABRD_CC2 323797	49.72 1.50 0.00	79.19 2.91 0.00	76.39 2.86 0.00	67.10 2.44 0.00	61.81 2.19 0.00	69.39 2.42 0.00	71.24 2.55 0.00	66.66 2.43 0.00	60.99 1.82 0.00	50.80 1.15 0.00	39.62 0.44 0.00	34.94 0.56 0.00	27.56 0.56 0.00	27.43 0.45 0.00	30.02 0.13 0.00	35.50 -0.05 0.00	46.71 0.02 0.00	52.24 -0.01 0.00	42.72 -0.22 0.00	36.23 -0.21 0.00	35.54 -0.32 0.00	38.99 -0.22 0.00	42.54 -0.25 0.00	36.98 -0.19 0.00

FAR ROCKAWAY___4 23548	51.42 3.20 0.00	80.39 4.11 0.00	77.00 3.47 0.00	68.01 3.35 0.00	63.35 3.73 0.00	71.17 4.21 0.00	73.47 4.78 0.00	69.25 5.02 0.00	63.94 4.77 0.00	54.17 4.51 0.00	42.90 3.72 0.00	37.42 3.05 0.00	29.41 2.42 0.00	29.57 2.59 0.00	32.96 3.07 0.00	55.26 3.51 -16.20	106.82 4.48 -55.64	66.04 4.75 -9.04	47.06 4.10 -0.01	46.17 3.47 -6.26	59.34 3.46 -20.02	47.35 3.62 -4.52	46.42 3.63 -0.01	39.90 2.74 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.37 2.15 0.00	78.62 2.34 0.00	75.60 2.07 0.00	66.77 2.11 0.00	62.11 2.49 0.00	69.84 2.88 0.00	72.12 3.43 0.00	68.13 3.90 0.00	63.07 3.90 0.00	53.27 3.62 0.00	42.30 3.12 0.00	37.02 2.64 0.00	29.04 2.04 0.00	29.14 2.15 0.00	32.45 2.55 0.00	38.43 2.88 0.00	50.33 3.64 0.00	56.10 3.85 0.00	46.30 3.36 0.00	39.27 2.83 0.00	38.66 2.80 0.00	42.04 2.82 0.00	45.59 2.80 0.00	39.23 2.07 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.42 2.20 0.00	78.69 2.42 0.00	75.66 2.13 0.00	66.83 2.17 0.00	62.17 2.55 0.00	69.89 2.92 0.00	72.18 3.48 0.00	68.19 3.96 0.00	63.13 3.97 0.00	53.32 3.66 0.00	42.34 3.16 0.00	37.05 2.67 0.00	29.05 2.06 0.00	29.16 2.18 0.00	32.47 2.58 0.00	38.45 2.90 0.00	50.37 3.68 0.00	56.14 3.89 0.00	46.34 3.39 0.00	39.29 2.86 0.00	38.70 2.83 0.00	42.07 2.86 0.00	45.63 2.84 0.00	39.26 2.10 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.35 2.13 0.00	78.61 2.34 0.00	75.58 2.06 0.00	66.75 2.09 0.00	62.09 2.48 0.00	69.82 2.85 0.00	72.09 3.40 0.00	68.10 3.87 0.00	63.04 3.88 0.00	53.26 3.60 0.00	42.30 3.12 0.00	37.01 2.64 0.00	29.03 2.04 0.00	29.13 2.15 0.00	32.44 2.55 0.00	38.42 2.87 0.00	50.32 3.63 0.00	56.08 3.83 0.00	46.29 3.35 0.00	39.25 2.81 0.00	38.64 2.78 0.00	42.02 2.80 0.00	45.57 2.79 0.00	39.22 2.06 0.00
FARRAGUT___LBMP 323566	50.32 2.10 0.00	78.54 2.27 0.00	75.53 2.01 0.00	66.71 2.05 0.00	62.05 2.43 0.00	69.77 2.80 0.00	72.04 3.35 0.00	68.04 3.81 0.00	63.00 3.83 0.00	53.21 3.55 0.00	42.26 3.08 0.00	36.98 2.61 0.00	29.00 2.01 0.00	29.10 2.12 0.00	32.41 2.52 0.00	38.38 2.83 0.00	50.27 3.58 0.00	56.02 3.78 0.00	46.25 3.30 0.00	39.21 2.78 0.00	38.62 2.75 0.00	42.00 2.78 0.00	45.55 2.75 0.00	39.19 2.03 0.00
FENNER___WINDPWR 24204	49.01 0.79 0.00	77.20 0.92 0.00	74.30 0.77 0.00	65.19 0.53 0.00	60.06 0.44 0.00	67.78 0.82 0.00	69.82 1.13 0.00	65.32 1.09 0.00	59.79 0.63 0.00	49.78 0.12 0.00	39.11 -0.08 0.00	34.23 -0.14 0.00	26.82 -0.18 0.00	26.82 -0.16 0.00	29.83 -0.06 0.00	35.74 0.19 0.00	47.18 0.48 0.00	52.85 0.61 0.00	43.48 0.53 0.00	36.81 0.38 0.00	36.20 0.34 0.00	39.50 0.29 0.00	43.06 0.27 0.00	37.29 0.13 0.00
FIBERTEK___ENERGY 23856	47.42 -0.80 0.00	74.66 -1.62 0.00	71.72 -1.80 0.00	63.06 -1.60 0.00	58.11 -1.50 0.00	65.26 -1.71 0.00	67.12 -1.57 0.00	62.78 -1.45 0.00	57.82 -1.34 0.00	48.41 -1.25 0.00	38.20 -0.98 0.00	33.45 -0.92 0.00	26.22 -0.77 0.00	26.27 -0.71 0.00	29.22 -0.68 0.00	34.87 -0.69 0.00	45.85 -0.85 0.00	51.28 -0.97 0.00	42.20 -0.75 0.00	35.82 -0.61 0.00	35.27 -0.60 0.00	38.46 -0.76 0.00	41.95 -0.84 0.00	36.42 -0.74 0.00
FITZPATRICK___ 23598	46.30 -1.92 0.00	72.97 -3.31 0.00	70.20 -3.33 0.00	61.69 -2.97 0.00	56.86 -2.75 0.00	63.83 -3.13 0.00	65.53 -3.16 0.00	61.29 -2.95 0.00	56.46 -2.70 0.00	47.34 -2.32 0.00	37.41 -1.77 0.00	32.86 -1.52 0.00	25.80 -1.19 0.00	25.79 -1.19 0.00	28.61 -1.29 0.00	34.06 -1.49 0.00	44.71 -1.99 0.00	50.01 -2.24 0.00	41.14 -1.81 0.00	34.93 -1.50 0.00	34.41 -1.46 0.00	37.55 -1.67 0.00	40.98 -1.81 0.00	35.63 -1.53 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.64 2.42 0.00	79.28 3.00 0.00	76.28 2.76 0.00	67.35 2.68 0.00	62.50 2.89 0.00	70.29 3.32 0.00	72.40 3.71 0.00	68.23 4.00 0.00	63.05 3.88 0.00	53.02 3.36 0.00	42.01 2.83 0.00	36.72 2.34 0.00	28.80 1.81 0.00	28.91 1.93 0.00	32.20 2.30 0.00	38.20 2.65 0.00	50.16 3.47 0.00	56.05 3.80 0.00	46.21 3.26 0.00	39.18 2.74 0.00	38.58 2.71 0.00	42.01 2.80 0.00	45.59 2.80 0.00	39.26 2.10 0.00
FORT ORANGE___ 23900	49.86 1.63 0.00	78.58 2.30 0.00	75.86 2.34 0.00	66.88 2.22 0.00	61.84 2.22 0.00	69.50 2.53 0.00	70.73 2.04 0.00	65.90 1.67 0.00	60.76 1.60 0.00	50.90 1.24 0.00	40.03 0.85 0.00	35.09 0.72 0.00	27.59 0.60 0.00	27.62 0.64 0.00	30.59 0.69 0.00	36.42 0.86 0.00	47.78 1.08 0.00	53.47 1.22 0.00	43.93 0.99 0.00	37.25 0.81 0.00	36.70 0.83 0.00	40.30 1.09 0.00	44.12 1.33 0.00	38.52 1.36 0.00
FORT_DRUM_COGEN 23780	49.49 1.26 0.00	77.93 1.66 0.00	75.01 1.49 0.00	64.66 0.00 0.00	59.43 -0.18 0.00	67.72 0.75 0.00	71.26 2.56 0.00	65.71 1.48 0.00	59.38 0.21 0.00	48.65 -1.01 0.00	37.41 -1.77 0.00	32.89 -1.48 0.00	25.69 -1.30 0.00	25.81 -1.17 0.00	29.25 -0.64 0.00	35.18 -0.37 0.00	46.21 -0.48 0.00	51.84 -0.41 0.00	42.34 -0.61 0.00	35.82 -0.62 0.00	35.19 -0.68 0.00	38.42 -0.79 0.00	41.96 -0.83 0.00	36.36 -0.81 0.00
FOX_HILLS___ESR 323835	50.54 2.31 0.00	78.40 2.12 0.00	75.37 1.85 0.00	66.77 2.11 0.00	62.21 2.60 0.00	69.83 2.86 0.00	72.03 3.34 0.00	68.11 3.88 0.00	63.03 3.87 0.00	53.26 3.60 0.00	42.36 3.18 0.00	37.05 2.68 0.00	29.06 2.06 0.00	29.16 2.18 0.00	32.47 2.58 0.00	38.40 2.84 0.00	50.35 3.65 0.00	56.12 3.87 0.00	46.47 3.52 0.00	39.41 2.98 0.00	38.81 2.94 0.00	42.20 2.99 0.00	45.68 2.89 0.00	39.25 2.10 0.01
FPL_FAR_ROCK_GT1 24212	51.42 3.20 0.00	80.39 4.12 0.00	77.00 3.47 0.00	68.01 3.35 0.00	63.35 3.73 0.00	71.17 4.20 0.00	73.43 4.74 0.00	69.24 5.01 0.00	63.93 4.77 0.00	54.17 4.52 0.00	42.90 3.73 0.00	37.43 3.05 0.00	29.41 2.42 0.00	29.57 2.59 0.00	32.96 3.07 0.00	55.26 3.51 -16.20	106.81 4.48 -55.64	66.04 4.75 -9.04	47.06 4.10 -0.01	46.17 3.47 -6.26	59.35 3.47 -20.02	47.34 3.62 -4.52	46.43 3.63 -0.01	39.90 2.74 0.00
FPL_FAR_ROCK_GT2 23815	51.42 3.20 0.00	80.39 4.12 0.00	77.00 3.47 0.00	68.01 3.35 0.00	63.35 3.73 0.00	71.17 4.20 0.00	73.43 4.74 0.00	69.24 5.01 0.00	63.93 4.77 0.00	54.17 4.52 0.00	42.90 3.73 0.00	37.43 3.05 0.00	29.41 2.42 0.00	29.57 2.59 0.00	32.96 3.07 0.00	55.26 3.51 -16.20	106.81 4.48 -55.64	66.04 4.75 -9.04	47.06 4.10 -0.01	46.17 3.47 -6.26	59.35 3.47 -20.02	47.34 3.62 -4.52	46.43 3.63 -0.01	39.90 2.74 0.00
FRANKLIN_FALL_HYD 24054	49.84 1.62 0.00	79.43 3.15 0.00	76.58 3.06 0.00	67.23 2.57 0.00	61.96 2.34 0.00	69.45 2.49 0.00	71.52 2.83 0.00	66.91 2.68 0.00	61.14 1.97 0.00	51.13 1.47 0.00	39.77 0.59 0.00	35.11 0.74 0.00	27.67 0.68 0.00	27.51 0.53 0.00	30.13 0.23 0.00	35.68 0.13 0.00	46.96 0.26 0.00	52.60 0.35 0.00	43.06 0.11 0.00	36.54 0.10 0.00	35.81 -0.05 0.00	39.22 0.01 0.00	42.95 0.16 0.00	37.41 0.25 0.00

FREEPORT_EQUS_GT1 23764	51.14 2.92 0.00	79.88 3.60 0.00	76.51 2.98 0.00	67.57 2.91 0.00	62.97 3.35 0.00	70.74 3.78 0.00	72.91 4.22 0.00	68.54 4.31 0.00	63.28 4.11 0.00	53.66 4.00 0.00	42.35 3.17 0.00	37.05 2.68 0.00	29.11 2.12 0.00	29.28 2.30 0.00	32.67 2.78 0.00	50.62 3.28 -11.79	91.36 4.15 -40.51	63.21 4.38 -6.58	46.74 3.78 -0.01	44.24 3.24 -4.56	53.67 3.23 -14.58	45.87 3.38 -3.29	46.21 3.41 -0.01	39.71 2.54 0.00
FREEPORT___CT2 23818	51.14 2.92 0.00	79.88 3.60 0.00	76.51 2.98 0.00	67.57 2.91 0.00	62.97 3.35 0.00	70.74 3.78 0.00	72.91 4.22 0.00	68.54 4.31 0.00	63.28 4.11 0.00	53.66 4.00 0.00	42.35 3.17 0.00	37.05 2.68 0.00	29.11 2.12 0.00	29.28 2.30 0.00	32.67 2.78 0.00	50.62 3.28 -11.79	91.36 4.15 -40.51	63.21 4.38 -6.58	46.74 3.78 -0.01	44.24 3.24 -4.56	53.67 3.23 -14.58	45.87 3.38 -3.29	46.21 3.41 -0.01	39.71 2.54 0.00
FRESHKLS_33_KV_LOAD 356253	50.68 2.45 0.00	78.49 2.22 0.00	75.41 1.89 0.00	66.84 2.17 0.00	62.32 2.71 0.00	69.96 3.00 0.00	72.16 3.47 0.00	68.23 4.00 0.00	63.11 3.94 0.00	53.36 3.70 0.00	42.43 3.25 0.00	37.10 2.73 0.00	29.09 2.09 0.00	29.18 2.20 0.00	32.50 2.61 0.00	38.45 2.90 0.00	50.46 3.76 0.00	56.22 3.98 0.00	46.57 3.62 0.00	39.52 3.08 0.00	38.90 3.03 0.00	42.32 3.11 0.00	45.78 2.99 0.00	39.27 2.12 0.01
FULTON COGEN____ 23766	46.68 -1.54 0.00	73.54 -2.74 0.00	70.69 -2.83 0.00	62.12 -2.54 0.00	57.25 -2.36 0.00	64.32 -2.65 0.00	66.11 -2.58 0.00	61.85 -2.38 0.00	56.99 -2.18 0.00	47.73 -1.93 0.00	37.66 -1.53 0.00	33.05 -1.32 0.00	25.93 -1.06 0.00	25.94 -1.04 0.00	28.84 -1.05 0.00	34.37 -1.18 0.00	45.14 -1.55 0.00	50.52 -1.73 0.00	41.55 -1.40 0.00	35.29 -1.15 0.00	34.73 -1.14 0.00	37.88 -1.33 0.00	41.32 -1.47 0.00	35.88 -1.28 0.00
FULTON___LFGE 323630	49.73 1.50 0.00	78.57 2.30 0.00	75.82 2.29 0.00	66.57 1.91 0.00	61.44 1.83 0.00	69.44 2.48 0.00	71.37 2.68 0.00	66.86 2.63 0.00	61.00 1.83 0.00	50.38 0.72 0.00	39.56 0.39 0.00	34.59 0.22 0.00	27.09 0.10 0.00	26.90 -0.08 0.00	30.06 0.17 0.00	36.29 0.74 0.00	48.35 1.66 0.00	54.34 2.09 0.00	44.67 1.73 0.00	37.86 1.43 0.00	37.21 1.35 0.00	40.67 1.46 0.00	44.19 1.40 0.00	38.24 1.08 0.00
G.F.CEMENT___DRP 24184	51.13 2.91 0.00	80.18 3.90 0.00	77.51 3.99 0.00	68.43 3.76 0.00	63.32 3.70 0.00	71.54 4.57 0.00	73.44 4.74 0.00	68.80 4.57 0.00	63.24 4.08 0.00	52.46 2.80 0.00	41.28 2.10 0.00	36.09 1.72 0.00	28.29 1.30 0.00	28.32 1.34 0.00	31.35 1.45 0.00	37.49 1.95 0.00	49.68 2.98 0.00	55.55 3.30 0.00	45.43 2.48 0.00	38.46 2.03 0.00	37.88 2.01 0.00	41.83 2.62 0.00	45.49 2.70 0.00	39.40 2.24 0.00
GARDENVILLE___LBMP 24039	46.29 -1.93 0.00	71.92 -4.36 0.00	68.23 -5.29 0.00	59.65 -5.01 0.00	54.29 -5.33 0.00	39.82 -6.93 20.22	36.27 -7.38 25.04	32.98 -7.23 24.02	46.03 -6.54 6.59	44.68 -4.98 0.00	35.70 -3.48 0.00	31.12 -3.25 0.00	24.23 -2.77 0.00	24.03 -2.88 0.07	26.64 -3.17 0.07	32.03 -3.52 0.00	42.38 -4.32 0.00	47.61 -4.64 0.00	39.14 -3.80 0.00	32.65 -3.41 0.37	30.93 -3.20 1.74	35.67 -3.55 0.00	39.62 -3.17 0.00	34.72 -2.44 0.00
GARDNVLA_35_KV_LD 355827	46.72 -1.50 0.00	72.54 -3.73 0.00	68.86 -4.67 0.00	60.19 -4.47 0.00	54.77 -4.85 0.00	44.88 -6.39 15.70	42.50 -6.81 19.39	38.99 -6.64 18.60	48.08 -5.97 5.12	45.19 -4.47 0.00	36.09 -3.09 0.00	31.48 -2.90 0.00	24.51 -2.49 0.00	24.37 -2.62 0.00	27.01 -2.88 0.00	32.38 -3.18 0.00	42.86 -3.83 0.00	48.19 -4.05 0.00	39.61 -3.33 0.00	33.12 -3.02 0.29	31.67 -2.83 1.37	36.05 -3.16 0.00	40.03 -2.76 0.00	35.06 -2.11 0.00
GELCKHM___115KV_LOAD 80723	47.11 -1.11 0.00	74.19 -2.09 0.00	71.30 -2.22 0.00	62.68 -1.98 0.00	57.75 -1.87 0.00	64.85 -2.12 0.00	66.65 -2.04 0.00	62.35 -1.88 0.00	57.43 -1.73 0.00	48.13 -1.53 0.00	38.00 -1.18 0.00	33.31 -1.06 0.00	26.13 -0.86 0.00	26.15 -0.83 0.00	29.06 -0.83 0.00	34.63 -0.92 0.00	45.54 -1.16 0.00	50.94 -1.31 0.00	41.91 -1.04 0.00	35.58 -0.86 0.00	35.03 -0.84 0.00	38.20 -1.01 0.00	41.70 -1.09 0.00	36.21 -0.95 0.00
GENERAL___MILLS 23808	46.56 -1.66 0.00	72.30 -3.97 0.00	68.63 -4.89 0.00	60.00 -4.66 0.00	54.60 -5.02 0.00	43.98 -6.58 16.40	41.40 -7.03 20.26	37.90 -6.90 19.44	47.59 -6.23 5.35	44.97 -4.69 0.00	35.92 -3.26 0.00	31.33 -3.05 0.00	24.39 -2.60 0.00	24.24 -2.74 0.00	26.88 -3.01 0.00	32.22 -3.33 0.00	42.66 -4.04 0.00	47.93 -4.31 0.00	39.40 -3.54 0.00	32.93 -3.20 0.30	31.43 -3.01 1.43	35.87 -3.34 0.00	39.85 -2.94 0.00	34.93 -2.24 0.00
GE_PLASTICS___DRP 24183	49.46 1.24 0.00	77.94 1.66 0.00	75.21 1.69 0.00	66.30 1.64 0.00	61.31 1.69 0.00	68.88 1.91 0.00	70.19 1.50 0.00	65.51 1.28 0.00	60.42 1.26 0.00	50.72 1.07 0.00	40.00 0.82 0.00	35.06 0.69 0.00	27.56 0.56 0.00	27.59 0.61 0.00	30.55 0.66 0.00	36.30 0.75 0.00	47.59 0.89 0.00	53.21 0.96 0.00	43.72 0.78 0.00	37.09 0.65 0.00	36.55 0.69 0.00	40.10 0.89 0.00	43.83 1.04 0.00	38.19 1.02 0.00
GILBOA___1 23756	49.28 1.06 0.00	77.93 1.65 0.00	75.07 1.54 0.00	66.36 1.70 0.00	61.37 1.75 0.00	68.95 1.99 0.00	70.18 1.48 0.00	65.64 1.41 0.00	60.59 1.42 0.00	50.91 1.25 0.00	40.25 1.07 0.00	35.23 0.86 0.00	27.65 0.65 0.00	27.71 0.72 0.00	30.74 0.85 0.00	36.50 0.95 0.00	47.89 1.20 0.00	53.53 1.29 0.00	44.06 1.12 0.00	37.37 0.93 0.00	36.81 0.94 0.00	40.23 1.02 0.00	43.83 1.04 0.00	37.96 0.80 0.00
GILBOA___2 23757	49.28 1.06 0.00	77.93 1.65 0.00	75.07 1.54 0.00	66.36 1.70 0.00	61.37 1.75 0.00	68.95 1.99 0.00	70.18 1.48 0.00	65.64 1.41 0.00	60.59 1.42 0.00	50.91 1.25 0.00	40.25 1.07 0.00	35.23 0.86 0.00	27.65 0.65 0.00	27.71 0.72 0.00	30.74 0.85 0.00	36.50 0.95 0.00	47.89 1.20 0.00	53.53 1.29 0.00	44.06 1.12 0.00	37.37 0.93 0.00	36.81 0.94 0.00	40.23 1.02 0.00	43.83 1.04 0.00	37.96 0.80 0.00
GILBOA___3 23758	49.28 1.06 0.00	77.93 1.65 0.00	75.07 1.54 0.00	66.36 1.70 0.00	61.37 1.75 0.00	68.95 1.99 0.00	70.18 1.48 0.00	65.64 1.41 0.00	60.59 1.42 0.00	50.91 1.25 0.00	40.25 1.07 0.00	35.23 0.86 0.00	27.65 0.65 0.00	27.71 0.72 0.00	30.74 0.85 0.00	36.50 0.95 0.00	47.89 1.20 0.00	53.53 1.29 0.00	44.06 1.12 0.00	37.37 0.93 0.00	36.81 0.94 0.00	40.23 1.02 0.00	43.83 1.04 0.00	37.96 0.80 0.00
GILBOA___4 23759	49.28 1.06 0.00	77.93 1.65 0.00	75.07 1.54 0.00	66.36 1.70 0.00	61.37 1.75 0.00	68.95 1.99 0.00	70.18 1.48 0.00	65.64 1.41 0.00	60.59 1.42 0.00	50.91 1.25 0.00	40.25 1.07 0.00	35.23 0.86 0.00	27.65 0.65 0.00	27.71 0.72 0.00	30.74 0.85 0.00	36.50 0.95 0.00	47.89 1.20 0.00	53.53 1.29 0.00	44.06 1.12 0.00	37.37 0.93 0.00	36.81 0.94 0.00	40.23 1.02 0.00	43.83 1.04 0.00	37.96 0.80 0.00

GILBOA____ 23599	49.28 1.06 0.00	77.92 1.65 0.00	75.06 1.54 0.00	66.36 1.70 0.00	61.38 1.76 0.00	68.95 1.99 0.00	70.18 1.49 0.00	65.64 1.41 0.00	60.59 1.42 0.00	50.91 1.25 0.00	40.25 1.07 0.00	35.23 0.86 0.00	27.65 0.65 0.00	27.71 0.72 0.00	30.74 0.85 0.00	36.50 0.95 0.00	47.89 1.20 0.00	53.53 1.29 0.00	44.06 1.12 0.00	37.37 0.93 0.00	36.81 0.94 0.00	40.24 1.02 0.00	43.83 1.04 0.00	37.96 0.80 0.00
GINNA____ 23603	44.62 -3.60 0.00	69.86 -6.41 0.00	66.91 -6.61 0.00	58.74 -5.92 0.00	53.96 -5.65 0.00	57.71 -6.64 2.61	58.69 -6.77 3.24	54.75 -6.38 3.10	52.43 -5.89 0.85	44.87 -4.79 0.00	35.54 -3.64 0.00	31.13 -3.24 0.00	24.35 -2.64 0.00	24.28 -2.70 0.00	26.95 -2.95 0.00	32.25 -3.31 0.00	42.59 -4.11 0.00	47.77 -4.48 0.00	39.28 -3.67 0.00	33.22 -3.22 0.00	32.75 -3.11 0.00	35.66 -3.55 0.00	39.14 -3.65 0.00	34.13 -3.03 0.00
GLEN PARK____ 23778	49.52 1.30 0.00	77.94 1.67 0.00	75.02 1.49 0.00	64.69 0.03 0.00	59.48 -0.13 0.00	67.76 0.79 0.00	71.34 2.65 0.00	65.84 1.61 0.00	59.50 0.34 0.00	48.72 -0.94 0.00	37.42 -1.76 0.00	32.92 -1.45 0.00	25.71 -1.29 0.00	25.85 -1.14 0.00	29.34 -0.55 0.00	35.28 -0.27 0.00	46.38 -0.32 0.00	52.03 -0.21 0.00	42.51 -0.43 0.00	35.96 -0.47 0.00	35.33 -0.53 0.00	38.55 -0.66 0.00	42.08 -0.72 0.00	36.44 -0.72 0.00
GLENDALE_27_KV_LOAD 356172	50.53 2.31 0.00	78.71 2.44 0.00	75.69 2.16 0.00	66.95 2.28 0.00	62.22 2.61 0.00	69.91 2.94 0.00	72.16 3.47 0.00	68.23 4.00 0.00	63.25 4.09 0.00	53.45 3.79 0.00	42.55 3.37 0.00	37.24 2.87 0.00	29.25 2.26 0.00	29.35 2.37 0.00	32.70 2.81 0.00	38.60 3.05 0.00	50.53 3.83 0.00	56.28 4.03 0.00	46.60 3.65 0.00	39.48 3.04 0.00	38.89 3.02 0.00	42.23 3.02 0.00	45.80 3.01 0.00	39.50 2.34 0.00
GLENWOOD_IC_1_G5 23712	50.79 2.56 0.00	79.40 3.12 0.00	76.17 2.65 0.00	67.27 2.61 0.00	62.63 3.01 0.00	70.39 3.42 0.00	72.58 3.89 0.00	68.45 4.22 0.00	63.28 4.11 0.00	53.53 3.87 0.00	42.35 3.17 0.00	36.97 2.60 0.00	29.06 2.07 0.00	29.17 2.19 0.00	32.57 2.68 0.00	53.02 3.06 -14.40	100.07 3.88 -49.49	64.40 4.11 -8.04	46.48 3.52 -0.01	45.00 2.99 -5.57	56.66 2.99 -17.81	46.31 3.08 -4.01	45.87 3.07 -0.01	39.46 2.30 0.00
GLENWOOD_IC_2_G1 23688	50.51 2.29 0.00	78.99 2.71 0.00	75.81 2.29 0.00	66.95 2.29 0.00	62.29 2.68 0.00	69.99 3.03 0.00	72.17 3.48 0.00	68.08 3.85 0.00	62.96 3.80 0.00	53.24 3.58 0.00	42.20 3.02 0.00	36.88 2.50 0.00	28.95 1.95 0.00	29.08 2.10 0.00	32.38 2.49 0.00	39.04 2.82 -0.67	52.56 3.57 -2.29	56.39 3.77 -0.37	46.21 3.27 0.00	39.47 2.78 -0.26	39.47 2.78 -0.83	42.24 2.84 -0.19	45.64 2.85 0.00	39.29 2.12 0.00
GLENWOOD_IC_3_G1 23689	50.51 2.29 0.00	78.99 2.71 0.00	75.81 2.29 0.00	66.95 2.29 0.00	62.29 2.68 0.00	69.99 3.03 0.00	72.17 3.48 0.00	68.08 3.85 0.00	62.96 3.80 0.00	53.24 3.58 0.00	42.20 3.02 0.00	36.88 2.50 0.00	28.95 1.95 0.00	29.08 2.10 0.00	32.38 2.49 0.00	39.04 2.82 -0.67	52.56 3.57 -2.29	56.39 3.77 -0.37	46.21 3.27 0.00	39.47 2.78 -0.26	39.47 2.78 -0.83	42.24 2.84 -0.19	45.64 2.85 0.00	39.29 2.12 0.00
GLENWOOD____4 23550	50.79 2.56 0.00	79.40 3.12 0.00	76.17 2.65 0.00	67.27 2.61 0.00	62.63 3.01 0.00	70.39 3.42 0.00	72.58 3.89 0.00	68.45 4.22 0.00	63.28 4.11 0.00	53.53 3.88 0.00	42.39 3.21 0.00	37.00 2.63 0.00	29.08 2.08 0.00	29.20 2.22 0.00	32.58 2.68 0.00	53.02 3.06 -14.40	100.07 3.88 -49.49	64.40 4.11 -8.04	46.48 3.52 -0.01	45.00 2.99 -5.57	56.66 2.99 -17.81	46.31 3.08 -4.01	45.87 3.07 -0.01	39.46 2.30 0.00
GLENWOOD____5 23614	50.79 2.56 0.00	79.40 3.12 0.00	76.17 2.65 0.00	67.27 2.61 0.00	62.63 3.01 0.00	70.39 3.42 0.00	72.58 3.89 0.00	68.45 4.22 0.00	63.28 4.11 0.00	53.53 3.88 0.00	42.39 3.21 0.00	37.00 2.63 0.00	29.08 2.08 0.00	29.20 2.22 0.00	32.58 2.68 0.00	53.02 3.06 -14.40	100.07 3.88 -49.49	64.40 4.11 -8.04	46.48 3.52 -0.01	45.00 2.99 -5.57	56.66 2.99 -17.81	46.31 3.08 -4.01	45.87 3.07 -0.01	39.46 2.30 0.00
GLOBAL GREEN_PORT_GT1 23814	53.15 4.92 0.00	82.66 6.39 0.00	79.03 5.51 0.00	69.96 5.29 0.00	65.57 5.95 0.00	73.87 6.90 0.00	76.44 7.74 0.00	72.07 7.84 0.00	66.18 7.01 0.00	55.91 6.25 0.00	43.84 4.66 0.00	38.17 3.79 0.00	30.02 3.02 0.00	30.12 3.14 0.00	33.67 3.78 0.00	49.07 4.47 -9.05	83.93 6.15 -31.09	63.53 6.23 -5.05	48.22 5.27 -0.01	44.58 4.64 -3.50	51.84 4.79 -11.19	46.64 4.90 -2.52	47.56 4.76 -0.01	40.82 3.66 0.00
GLOBE____DSASP 323697	44.90 -3.33 0.00	69.75 -6.53 0.00	66.31 -7.21 0.00	58.08 -6.58 0.00	52.88 -6.74 0.00	44.97 -8.79 13.20	42.73 -9.57 16.39	39.17 -9.35 15.71	46.17 -8.68 4.30	42.97 -6.69 0.00	34.34 -4.84 0.00	30.03 -4.34 0.00	23.43 -3.57 0.00	23.21 -3.77 0.00	25.63 -4.26 0.00	30.63 -4.92 0.00	40.54 -6.15 0.00	45.47 -6.77 0.00	37.39 -5.55 0.00	31.33 -4.87 0.24	30.30 -4.43 1.13	34.27 -4.94 0.00	38.31 -4.49 0.00	33.74 -3.42 0.00
GOETHSLN____LBMP 323567	50.05 1.83 0.00	78.11 1.84 0.00	75.07 1.55 0.00	66.30 1.64 0.00	61.68 2.06 0.00	69.33 2.37 0.00	71.64 2.94 0.00	67.66 3.43 0.00	62.65 3.49 0.00	52.93 3.27 0.00	42.06 2.88 0.00	36.79 2.41 0.00	28.87 1.87 0.00	28.96 1.98 0.00	32.24 2.35 0.00	38.19 2.64 0.00	50.00 3.30 0.00	55.74 3.50 0.00	46.00 3.06 0.00	39.02 2.58 0.00	38.43 2.56 0.00	41.76 2.56 0.00	45.27 2.48 0.00	38.95 1.80 0.00
GOLAH____69_KV_TB 1_2 80279	46.90 -1.33 0.00	73.27 -3.01 0.00	69.99 -3.53 0.00	61.42 -3.25 0.00	56.30 -3.32 0.00	60.06 -4.26 2.64	61.11 -4.33 3.24	57.00 -4.12 3.11	54.51 -3.80 0.86	46.69 -2.97 0.00	36.95 -2.23 0.00	32.35 -2.02 0.00	25.19 -1.81 0.00	25.10 -1.88 0.00	27.84 -2.05 0.00	33.37 -2.18 0.00	44.32 -2.38 0.00	49.81 -2.44 0.00	40.94 -2.00 0.00	34.60 -1.84 0.00	34.13 -1.74 0.00	37.16 -2.05 0.00	40.96 -1.84 0.00	35.78 -1.39 0.00
GOODYEAR_LAKE_HYD 323669	49.20 0.98 0.00	77.58 1.31 0.00	74.60 1.08 0.00	65.67 1.01 0.00	60.66 1.04 0.00	68.18 1.22 0.00	69.85 1.16 0.00	65.54 1.31 0.00	60.39 1.23 0.00	50.57 0.91 0.00	39.92 0.74 0.00	34.93 0.55 0.00	27.38 0.39 0.00	27.38 0.40 0.00	30.48 0.59 0.00	36.34 0.79 0.00	47.85 1.15 0.00	53.59 1.35 0.00	44.14 1.20 0.00	37.42 0.99 0.00	36.80 0.94 0.00	40.09 0.88 0.00	43.55 0.76 0.00	37.61 0.44 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.78 -0.44 0.00	75.22 -1.06 0.00	72.01 -1.51 0.00	63.28 -1.38 0.00	58.29 -1.33 0.00	68.68 -1.59 -3.31	71.30 -1.50 -4.11	66.83 -1.34 -3.94	59.11 -1.14 -1.08	48.66 -0.99 0.00	38.53 -0.65 0.00	33.59 -0.78 0.00	26.29 -0.71 0.00	26.39 -0.60 0.00	29.37 -0.52 0.00	35.07 -0.48 0.00	46.14 -0.56 0.00	51.57 -0.68 0.00	42.48 -0.46 0.00	36.03 -0.40 0.00	35.47 -0.40 0.00	38.66 -0.54 0.00	42.17 -0.62 0.00	36.47 -0.69 0.00

GOUDEY___7 23579	47.78 -0.44 0.00	75.22 -1.06 0.00	72.01 -1.51 0.00	63.28 -1.38 0.00	58.29 -1.33 0.00	68.68 -1.59 -3.31	71.30 -1.50 -4.11	66.83 -1.34 -3.94	59.11 -1.14 -1.08	48.66 -0.99 0.00	38.53 -0.65 0.00	33.59 -0.78 0.00	26.29 -0.71 0.00	26.39 -0.60 0.00	29.37 -0.52 0.00	35.07 -0.48 0.00	46.14 -0.56 0.00	51.57 -0.68 0.00	42.48 -0.46 0.00	36.03 -0.40 0.00	35.47 -0.40 0.00	38.66 -0.54 0.00	42.17 -0.62 0.00	36.47 -0.69 0.00
GOUDEY___8 23580	47.78 -0.44 0.00	75.22 -1.06 0.00	72.01 -1.51 0.00	63.28 -1.38 0.00	58.29 -1.33 0.00	68.68 -1.59 -3.31	71.30 -1.50 -4.11	66.83 -1.34 -3.94	59.11 -1.14 -1.08	48.66 -0.99 0.00	38.53 -0.65 0.00	33.59 -0.78 0.00	26.29 -0.71 0.00	26.39 -0.60 0.00	29.37 -0.52 0.00	35.07 -0.48 0.00	46.14 -0.56 0.00	51.57 -0.68 0.00	42.48 -0.46 0.00	36.03 -0.40 0.00	35.47 -0.40 0.00	38.66 -0.54 0.00	42.17 -0.62 0.00	36.47 -0.69 0.00
GOWANUS_GT1_1 24077	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00
GOWANUS_GT1_2 24078	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00
GOWANUS_GT1_3 24079	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00
GOWANUS_GT1_4 24080	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00
GOWANUS_GT1_5 24084	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00
GOWANUS_GT1_6 24111	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00
GOWANUS_GT1_7 24112	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00
GOWANUS_GT1_8 24113	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00
GOWANUS_GT2_1 24114	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
GOWANUS_GT2_2 24115	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
GOWANUS_GT2_3 24116	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
GOWANUS_GT2_4 24117	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
GOWANUS_GT2_5 24118	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00

GOWANUS_GT2_6 24119	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.49 <u>1.97</u> 0.00	66.83 <u>2.17</u> 0.00	62.14 <u>2.53</u> 0.00	69.76 <u>2.79</u> 0.00	72.00 <u>3.31</u> 0.00	68.07 <u>3.84</u> 0.00	63.10 <u>3.93</u> 0.00	53.32 <u>3.66</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.46 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.48 <u>3.53</u> 0.00	39.39 <u>2.96</u> 0.00	38.82 <u>2.95</u> 0.00	42.17 <u>2.96</u> 0.00	45.69 <u>2.90</u> 0.00	39.33 <u>2.16</u> 0.00
GOWANUS_GT2_7 24120	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.49 <u>1.97</u> 0.00	66.83 <u>2.17</u> 0.00	62.14 <u>2.53</u> 0.00	69.76 <u>2.79</u> 0.00	72.00 <u>3.31</u> 0.00	68.07 <u>3.84</u> 0.00	63.10 <u>3.93</u> 0.00	53.32 <u>3.66</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.46 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.48 <u>3.53</u> 0.00	39.39 <u>2.96</u> 0.00	38.82 <u>2.95</u> 0.00	42.17 <u>2.96</u> 0.00	45.69 <u>2.90</u> 0.00	39.33 <u>2.16</u> 0.00
GOWANUS_GT2_8 24121	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.49 <u>1.97</u> 0.00	66.83 <u>2.17</u> 0.00	62.14 <u>2.53</u> 0.00	69.76 <u>2.79</u> 0.00	72.00 <u>3.31</u> 0.00	68.07 <u>3.84</u> 0.00	63.10 <u>3.93</u> 0.00	53.32 <u>3.66</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.46 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.48 <u>3.53</u> 0.00	39.39 <u>2.96</u> 0.00	38.82 <u>2.95</u> 0.00	42.17 <u>2.96</u> 0.00	45.69 <u>2.90</u> 0.00	39.33 <u>2.16</u> 0.00
GOWANUS_GT3_1 24122	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.49 <u>1.97</u> 0.00	66.83 <u>2.17</u> 0.00	62.14 <u>2.53</u> 0.00	69.76 <u>2.79</u> 0.00	72.00 <u>3.31</u> 0.00	68.07 <u>3.84</u> 0.00	63.10 <u>3.93</u> 0.00	53.32 <u>3.66</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.46 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.48 <u>3.53</u> 0.00	39.39 <u>2.96</u> 0.00	38.82 <u>2.95</u> 0.00	42.17 <u>2.96</u> 0.00	45.69 <u>2.90</u> 0.00	39.33 <u>2.16</u> 0.00
GOWANUS_GT3_2 24123	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.49 <u>1.97</u> 0.00	66.83 <u>2.17</u> 0.00	62.14 <u>2.53</u> 0.00	69.76 <u>2.79</u> 0.00	72.00 <u>3.31</u> 0.00	68.07 <u>3.84</u> 0.00	63.10 <u>3.93</u> 0.00	53.32 <u>3.66</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.46 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.48 <u>3.53</u> 0.00	39.39 <u>2.96</u> 0.00	38.82 <u>2.95</u> 0.00	42.17 <u>2.96</u> 0.00	45.69 <u>2.90</u> 0.00	39.33 <u>2.16</u> 0.00
GOWANUS_GT3_3 24124	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.49 <u>1.97</u> 0.00	66.83 <u>2.17</u> 0.00	62.14 <u>2.53</u> 0.00	69.76 <u>2.79</u> 0.00	72.00 <u>3.31</u> 0.00	68.07 <u>3.84</u> 0.00	63.10 <u>3.93</u> 0.00	53.32 <u>3.66</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.46 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.48 <u>3.53</u> 0.00	39.39 <u>2.96</u> 0.00	38.82 <u>2.95</u> 0.00	42.17 <u>2.96</u> 0.00	45.69 <u>2.90</u> 0.00	39.33 <u>2.16</u> 0.00
GOWANUS_GT3_4 24125	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.49 <u>1.97</u> 0.00	66.83 <u>2.17</u> 0.00	62.14 <u>2.53</u> 0.00	69.76 <u>2.79</u> 0.00	72.00 <u>3.31</u> 0.00	68.07 <u>3.84</u> 0.00	63.10 <u>3.93</u> 0.00	53.32 <u>3.66</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.46 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.48 <u>3.53</u> 0.00	39.39 <u>2.96</u> 0.00	38.82 <u>2.95</u> 0.00	42.17 <u>2.96</u> 0.00	45.69 <u>2.90</u> 0.00	39.33 <u>2.16</u> 0.00
GOWANUS_GT3_5 24126	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.49 <u>1.97</u> 0.00	66.83 <u>2.17</u> 0.00	62.14 <u>2.53</u> 0.00	69.76 <u>2.79</u> 0.00	72.00 <u>3.31</u> 0.00	68.07 <u>3.84</u> 0.00	63.10 <u>3.93</u> 0.00	53.32 <u>3.66</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.46 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.48 <u>3.53</u> 0.00	39.39 <u>2.96</u> 0.00	38.82 <u>2.95</u> 0.00	42.17 <u>2.96</u> 0.00	45.69 <u>2.90</u> 0.00	39.33 <u>2.16</u> 0.00
GOWANUS_GT3_6 24127	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.49 <u>1.97</u> 0.00	66.83 <u>2.17</u> 0.00	62.14 <u>2.53</u> 0.00	69.76 <u>2.79</u> 0.00	72.00 <u>3.31</u> 0.00	68.07 <u>3.84</u> 0.00	63.10 <u>3.93</u> 0.00	53.32 <u>3.66</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.46 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.48 <u>3.53</u> 0.00	39.39 <u>2.96</u> 0.00	38.82 <u>2.95</u> 0.00	42.17 <u>2.96</u> 0.00	45.69 <u>2.90</u> 0.00	39.33 <u>2.16</u> 0.00
GOWANUS_GT3_7 24128	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.49 <u>1.97</u> 0.00	66.83 <u>2.17</u> 0.00	62.14 <u>2.53</u> 0.00	69.76 <u>2.79</u> 0.00	72.00 <u>3.31</u> 0.00	68.07 <u>3.84</u> 0.00	63.10 <u>3.93</u> 0.00	53.32 <u>3.66</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.46 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.48 <u>3.53</u> 0.00	39.39 <u>2.96</u> 0.00	38.82 <u>2.95</u> 0.00	42.17 <u>2.96</u> 0.00	45.69 <u>2.90</u> 0.00	39.33 <u>2.16</u> 0.00
GOWANUS_GT3_8 24129	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.49 <u>1.97</u> 0.00	66.83 <u>2.17</u> 0.00	62.14 <u>2.53</u> 0.00	69.76 <u>2.79</u> 0.00	72.00 <u>3.31</u> 0.00	68.07 <u>3.84</u> 0.00	63.10 <u>3.93</u> 0.00	53.32 <u>3.66</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.46 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.48 <u>3.53</u> 0.00	39.39 <u>2.96</u> 0.00	38.82 <u>2.95</u> 0.00	42.17 <u>2.96</u> 0.00	45.69 <u>2.90</u> 0.00	39.33 <u>2.16</u> 0.00
GOWANUS_GT4_1 24130	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.50 <u>1.97</u> 0.00	66.82 <u>2.16</u> 0.00	62.16 <u>2.54</u> 0.00	69.80 <u>2.84</u> 0.00	72.04 <u>3.35</u> 0.00	68.12 <u>3.89</u> 0.00	63.12 <u>3.95</u> 0.00	53.30 <u>3.64</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.45 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.47 <u>3.52</u> 0.00	39.39 <u>2.96</u> 0.00	38.79 <u>2.92</u> 0.00	42.17 <u>2.96</u> 0.00	45.67 <u>2.87</u> 0.00	39.33 <u>2.16</u> 0.00
GOWANUS_GT4_2 24131	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.50 <u>1.97</u> 0.00	66.82 <u>2.16</u> 0.00	62.16 <u>2.54</u> 0.00	69.80 <u>2.84</u> 0.00	72.04 <u>3.35</u> 0.00	68.12 <u>3.89</u> 0.00	63.12 <u>3.95</u> 0.00	53.30 <u>3.64</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.45 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.47 <u>3.52</u> 0.00	39.39 <u>2.96</u> 0.00	38.79 <u>2.92</u> 0.00	42.17 <u>2.96</u> 0.00	45.67 <u>2.87</u> 0.00	39.33 <u>2.16</u> 0.00
GOWANUS_GT4_3 24132	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.50 <u>1.97</u> 0.00	66.82 <u>2.16</u> 0.00	62.16 <u>2.54</u> 0.00	69.80 <u>2.84</u> 0.00	72.04 <u>3.35</u> 0.00	68.12 <u>3.89</u> 0.00	63.12 <u>3.95</u> 0.00	53.30 <u>3.64</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.45 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.47 <u>3.52</u> 0.00	39.39 <u>2.96</u> 0.00	38.79 <u>2.92</u> 0.00	42.17 <u>2.96</u> 0.00	45.67 <u>2.87</u> 0.00	39.33 <u>2.16</u> 0.00
GOWANUS_GT4_4 24133	50.46 <u>2.24</u> 0.00	78.48 <u>2.21</u> 0.00	75.50 <u>1.97</u> 0.00	66.82 <u>2.16</u> 0.00	62.16 <u>2.54</u> 0.00	69.80 <u>2.84</u> 0.00	72.04 <u>3.35</u> 0.00	68.12 <u>3.89</u> 0.00	63.12 <u>3.95</u> 0.00	53.30 <u>3.64</u> 0.00	42.40 <u>3.22</u> 0.00	37.10 <u>2.73</u> 0.00	29.11 <u>2.12</u> 0.00	29.22 <u>2.23</u> 0.00	32.55 <u>2.65</u> 0.00	38.45 <u>2.90</u> 0.00	50.38 <u>3.69</u> 0.00	56.13 <u>3.88</u> 0.00	46.47 <u>3.52</u> 0.00	39.39 <u>2.96</u> 0.00	38.79 <u>2.92</u> 0.00	42.17 <u>2.96</u> 0.00	45.67 <u>2.87</u> 0.00	39.33 <u>2.16</u> 0.00

GOWANUS_GT4_5 24134	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00
GOWANUS_GT4_6 24135	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00
GOWANUS_GT4_7 24136	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00
GOWANUS_GT4_8 24137	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00
GREATVR_69_KV_BK1 356245	51.98 3.75 0.00	80.88 4.61 0.00	77.36 3.83 0.00	68.29 3.63 0.00	63.78 4.17 0.00	71.73 4.76 0.00	74.11 5.42 0.00	69.81 5.58 0.00	64.27 5.11 0.00	54.54 4.89 0.00	43.15 3.97 0.00	37.61 3.24 0.00	29.59 2.59 0.00	29.78 2.80 0.00	33.23 3.34 0.00	48.75 3.94 -9.27	83.64 5.11 -31.83	62.68 5.26 -5.17	47.46 4.51 -0.01	43.94 3.92 -3.59	51.25 3.93 -11.45	45.88 4.09 -2.58	46.91 4.12 -0.01	40.30 3.14 0.00
GREENBSH_115KV_TB3 55895	49.58 1.36 0.00	78.10 1.82 0.00	75.42 1.90 0.00	66.48 1.81 0.00	61.47 1.86 0.00	69.05 2.08 0.00	70.22 1.53 0.00	65.38 1.15 0.00	60.34 1.17 0.00	50.67 1.01 0.00	39.92 0.74 0.00	35.03 0.66 0.00	27.54 0.54 0.00	27.57 0.59 0.00	30.51 0.62 0.00	36.24 0.69 0.00	47.44 0.75 0.00	53.03 0.79 0.00	43.57 0.62 0.00	36.95 0.51 0.00	36.43 0.57 0.00	40.02 0.81 0.00	43.85 1.06 0.00	38.30 1.13 0.00
GREENDGE_115KV_TB5 80291	47.09 -1.13 0.00	73.03 -3.25 0.00	69.37 -4.16 0.00	60.72 -3.94 0.00	55.64 -3.98 -0.01	101.73 -5.13 -39.89	113.47 -4.66 -49.44	107.52 -4.12 -47.41	68.66 -3.59 -13.09	46.81 -2.85 0.00	37.33 -1.85 0.00	32.25 -2.13 0.00	25.13 -1.87 0.00	25.30 -1.68 0.00	28.36 -1.54 0.00	34.23 -1.32 0.00	45.39 -1.31 0.00	50.40 -1.84 0.00	41.60 -1.35 0.00	35.62 -1.26 -0.45	36.85 -1.12 -2.10	37.84 -1.37 0.00	41.35 -1.44 0.00	35.83 -1.33 0.00
GREENIDGE___3 23582	47.09 -1.13 0.00	73.03 -3.25 0.00	69.37 -4.16 0.00	60.72 -3.94 0.00	55.64 -3.98 -0.01	101.73 -5.13 -39.89	113.47 -4.66 -49.44	107.52 -4.12 -47.41	68.66 -3.59 -13.09	46.81 -2.85 0.00	37.33 -1.85 0.00	32.25 -2.13 0.00	25.13 -1.87 0.00	25.30 -1.68 0.00	28.36 -1.54 0.00	34.23 -1.32 0.00	45.39 -1.31 0.00	50.40 -1.84 0.00	41.60 -1.35 0.00	35.62 -1.26 -0.45	36.85 -1.12 -2.10	37.84 -1.37 0.00	41.35 -1.44 0.00	35.83 -1.33 0.00
GREENIDGE___4 23583	47.09 -1.14 0.00	73.02 -3.25 0.00	69.37 -4.16 0.00	60.72 -3.95 0.00	55.64 -3.98 -0.01	101.73 -5.13 -39.89	113.46 -4.67 -49.44	107.53 -4.11 -47.41	68.67 -3.58 -13.09	46.79 -2.87 0.00	37.33 -1.85 0.00	32.25 -2.13 0.00	25.13 -1.87 0.00	25.30 -1.68 0.00	28.36 -1.53 0.00	34.23 -1.32 0.00	45.39 -1.30 0.00	50.40 -1.84 0.00	41.59 -1.35 0.00	35.62 -1.26 -0.45	36.85 -1.12 -2.10	37.84 -1.37 0.00	41.34 -1.45 0.00	35.84 -1.32 0.00
GREENLWN_69_KV_BK 3 55738	50.87 2.64 0.00	79.39 3.12 0.00	76.03 2.51 0.00	67.12 2.46 0.00	62.67 3.05 0.00	70.41 3.44 0.00	72.38 3.68 0.00	68.25 4.02 0.00	63.01 3.85 0.00	53.56 3.90 0.00	42.47 3.30 0.00	37.02 2.65 0.00	29.12 2.13 0.00	29.32 2.34 0.00	32.69 2.80 0.00	47.99 3.23 -9.21	82.38 4.05 -31.64	61.47 4.09 -5.14	46.40 3.45 -0.01	43.01 3.01 -3.56	50.28 3.03 -11.38	44.95 3.18 -2.57	46.01 3.21 -0.01	39.57 2.41 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00
GRISSOM___SOLAR 323813	49.84 1.62 0.00	78.77 2.49 0.00	76.09 2.56 0.00	66.87 2.20 0.00	61.74 2.12 0.00	69.68 2.72 0.00	71.63 2.94 0.00	67.09 2.86 0.00	61.21 2.05 0.00	50.58 0.92 0.00	39.70 0.52 0.00	34.68 0.31 0.00	27.14 0.15 0.00	26.97 -0.01 0.00	30.12 0.23 0.00	36.41 0.86 0.00	48.54 1.85 0.00	54.51 2.27 0.00	44.82 1.87 0.00	37.98 1.55 0.00	37.35 1.48 0.00	40.82 1.62 0.00	44.39 1.60 0.00	38.43 1.27 0.00
GROVEVILLE___HYD 323602	50.64 2.42 0.00	79.28 3.00 0.00	76.28 2.76 0.00	67.35 2.68 0.00	62.50 2.89 0.00	70.29 3.32 0.00	72.40 3.71 0.00	68.23 4.00 0.00	63.05 3.88 0.00	53.02 3.36 0.00	42.01 2.83 0.00	36.72 2.34 0.00	28.80 1.81 0.00	28.91 1.93 0.00	32.20 2.30 0.00	38.20 2.65 0.00	50.16 3.47 0.00	56.05 3.80 0.00	46.21 3.26 0.00	39.18 2.74 0.00	38.58 2.71 0.00	42.01 2.80 0.00	45.59 2.80 0.00	39.26 2.10 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.42 -0.80 0.00	74.66 -1.62 0.00	71.72 -1.80 0.00	63.06 -1.60 0.00	58.11 -1.50 0.00	65.26 -1.71 0.00	67.12 -1.57 0.00	62.78 -1.45 0.00	57.82 -1.34 0.00	48.41 -1.25 0.00	38.20 -0.98 0.00	33.45 -0.92 0.00	26.22 -0.77 0.00	26.27 -0.71 0.00	29.22 -0.68 0.00	34.87 -0.69 0.00	45.85 -0.85 0.00	51.28 -0.97 0.00	42.20 -0.75 0.00	35.82 -0.61 0.00	35.27 -0.60 0.00	38.46 -0.76 0.00	41.95 -0.84 0.00	36.42 -0.74 0.00
HAMLTNNY_34_KV_TB 80303	47.51 -0.71 0.00	74.76 -1.51 0.00	71.76 -1.76 0.00	63.07 -1.59 0.00	58.11 -1.51 0.00	65.23 -1.73 0.00	67.07 -1.63 0.00	62.76 -1.47 0.00	57.80 -1.36 0.00	48.37 -1.29 0.00	38.15 -1.03 0.00	33.42 -0.96 0.00	26.24 -0.75 0.00	26.25 -0.74 0.00	29.15 -0.74 0.00	34.84 -0.71 0.00	45.87 -0.82 0.00	51.34 -0.91 0.00	42.24 -0.70 0.00	35.85 -0.59 0.00	35.30 -0.57 0.00	38.46 -0.75 0.00	41.98 -0.81 0.00	36.45 -0.71 0.00

HAMPSHIRE___PAPER_HYD 323593	49.18 0.96 0.00	77.93 1.65 0.00	75.12 1.60 0.00	65.37 0.71 0.00	60.16 0.55 0.00	67.83 0.87 0.00	70.39 1.70 0.00	65.19 0.96 0.00	59.36 0.19 0.00	49.39 -0.27 0.00	38.39 -0.79 0.00	33.71 -0.66 0.00	26.47 -0.52 0.00	26.48 -0.50 0.00	29.48 -0.41 0.00	35.24 -0.31 0.00	46.05 -0.64 0.00	51.55 -0.70 0.00	42.18 -0.76 0.00	35.74 -0.69 0.00	35.09 -0.78 0.00	38.46 -0.75 0.00	42.45 -0.34 0.00	36.97 -0.19 0.00
HARDSCRABBLE_WT_PWR 323673	50.73 2.51 0.00	79.95 3.68 0.00	77.03 3.51 0.00	67.72 3.06 0.00	62.60 2.98 0.00	70.85 3.88 0.00	72.19 3.50 0.00	67.43 3.20 0.00	61.58 2.42 0.00	50.87 1.21 0.00	39.76 0.58 0.00	34.65 0.27 0.00	27.19 0.20 0.00	27.09 0.10 0.00	30.32 0.43 0.00	36.57 1.02 0.00	48.48 1.79 0.00	54.38 2.13 0.00	44.80 1.86 0.00	37.99 1.55 0.00	37.39 1.52 0.00	41.04 1.83 0.00	44.48 1.69 0.00	38.37 1.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.21 1.99 0.00	78.64 2.37 0.00	75.61 2.08 0.00	66.74 2.07 0.00	61.93 2.31 0.00	69.59 2.63 0.00	71.72 3.02 0.00	67.59 3.36 0.00	62.56 3.40 0.00	52.68 3.02 0.00	41.79 2.61 0.00	36.52 2.15 0.00	28.62 1.63 0.00	28.74 1.76 0.00	31.99 2.09 0.00	37.95 2.40 0.00	49.80 3.11 0.00	55.68 3.43 0.00	45.93 2.99 0.00	38.94 2.51 0.00	38.34 2.47 0.00	41.76 2.55 0.00	45.31 2.52 0.00	39.02 1.86 0.00
HARSNRAD_115KV_TB1 81005	45.27 -2.95 0.00	70.30 -5.98 0.00	66.78 -6.75 0.00	58.46 -6.20 0.00	53.24 -6.37 0.00	45.56 -8.12 13.29	43.63 -8.76 16.31	39.98 -8.59 15.66	46.81 -8.02 4.33	43.47 -6.18 0.00	34.92 -4.25 0.00	30.59 -3.78 0.00	23.81 -3.18 0.00	23.62 -3.36 0.00	26.11 -3.78 0.00	31.27 -4.28 0.00	41.47 -5.23 0.00	46.67 -5.57 0.00	38.36 -4.59 0.00	32.13 -4.06 0.24	30.94 -3.80 1.13	34.96 -4.26 0.00	39.00 -3.79 0.00	34.37 -2.79 0.00
HARZA MOOSE___RIVER 24016	49.55 1.33 0.00	78.12 1.85 0.00	75.26 1.74 0.00	65.52 0.85 0.00	60.39 0.77 0.00	68.55 1.59 0.00	71.06 2.36 0.00	65.82 1.59 0.00	59.97 0.81 0.00	49.61 -0.05 0.00	38.69 -0.48 0.00	33.87 -0.50 0.00	26.49 -0.50 0.00	26.54 -0.44 0.00	29.64 -0.25 0.00	35.64 0.08 0.00	46.77 0.08 0.00	52.41 0.16 0.00	42.97 0.02 0.00	36.37 -0.06 0.00	35.74 -0.12 0.00	39.06 -0.15 0.00	42.66 -0.13 0.00	36.96 -0.20 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	47.09 -1.13 0.00	74.13 -2.14 0.00	71.23 -2.29 0.00	62.63 -2.04 0.00	57.70 -1.92 0.00	64.79 -2.17 0.00	66.58 -2.11 0.00	62.30 -1.93 0.00	57.40 -1.76 0.00	48.12 -1.54 0.00	38.02 -1.16 0.00	33.33 -1.04 0.00	26.14 -0.85 0.00	26.16 -0.83 0.00	29.05 -0.84 0.00	34.63 -0.92 0.00	45.53 -1.16 0.00	50.93 -1.32 0.00	41.89 -1.05 0.00	35.56 -0.88 0.00	35.01 -0.85 0.00	38.19 -1.02 0.00	41.71 -1.08 0.00	36.22 -0.94 0.00
HELLGATE_13_KV_LD 55870	50.57 2.34 0.00	78.80 2.52 0.00	75.80 2.27 0.00	67.06 2.40 0.00	62.35 2.73 0.00	70.03 3.06 0.00	72.32 3.62 0.00	68.38 4.15 0.00	63.43 4.26 0.00	53.52 3.87 0.00	42.62 3.44 0.00	37.30 2.93 0.00	29.29 2.30 0.00	29.40 2.42 0.00	32.76 2.87 0.00	38.65 3.09 0.00	50.58 3.88 0.00	56.37 4.12 0.00	46.65 3.71 0.00	39.54 3.10 0.00	38.94 3.08 0.00	42.29 3.08 0.00	45.87 3.08 0.00	39.57 2.41 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.57 2.34 0.00	78.80 2.52 0.00	75.80 2.27 0.00	67.06 2.40 0.00	62.35 2.73 0.00	70.03 3.06 0.00	72.32 3.62 0.00	68.38 4.15 0.00	63.43 4.26 0.00	53.52 3.87 0.00	42.62 3.44 0.00	37.30 2.93 0.00	29.29 2.30 0.00	29.40 2.42 0.00	32.76 2.87 0.00	38.65 3.09 0.00	50.58 3.88 0.00	56.37 4.12 0.00	46.65 3.71 0.00	39.54 3.10 0.00	38.94 3.08 0.00	42.29 3.08 0.00	45.87 3.08 0.00	39.57 2.41 0.00
HEMPSTEAD____ 23647	50.70 2.48 0.00	79.26 2.99 0.00	75.99 2.46 0.00	67.12 2.45 0.00	62.52 2.91 0.00	70.24 3.27 0.00	72.43 3.74 0.00	68.25 4.02 0.00	63.05 3.89 0.00	53.44 3.79 0.00	42.28 3.10 0.00	36.90 2.53 0.00	29.01 2.01 0.00	29.15 2.17 0.00	32.52 2.62 0.00	51.40 3.01 -12.84	94.61 3.79 -44.12	63.37 3.95 -7.17	46.35 3.40 -0.01	44.32 2.91 -4.97	54.67 2.92 -15.87	45.82 3.03 -3.58	45.83 3.03 -0.01	39.39 2.23 0.00
HICKLING___1 23621	47.22 -1.00 0.00	73.95 -2.32 0.00	70.19 -3.33 0.00	61.44 -3.22 0.00	56.20 -3.42 0.00	74.73 -4.14 -11.91	79.45 -3.81 -14.57	74.78 -3.42 -13.97	60.39 -3.00 -4.22	47.13 -2.53 0.00	37.45 -1.73 0.00	32.47 -1.90 0.00	25.32 -1.68 0.00	25.50 -1.48 0.00	28.48 -1.41 0.00	34.14 -1.42 0.00	45.01 -1.68 0.00	50.27 -1.97 0.00	41.42 -1.53 0.00	35.21 -1.36 -0.14	35.18 -1.34 -0.65	37.62 -1.59 0.00	41.08 -1.71 0.00	35.51 -1.65 0.00
HICKLING___2 23622	47.22 -1.00 0.00	73.95 -2.32 0.00	70.19 -3.33 0.00	61.44 -3.22 0.00	56.20 -3.42 0.00	74.73 -4.14 -11.91	79.45 -3.81 -14.57	74.78 -3.42 -13.97	60.39 -3.00 -4.22	47.13 -2.53 0.00	37.45 -1.73 0.00	32.47 -1.90 0.00	25.32 -1.68 0.00	25.50 -1.48 0.00	28.48 -1.41 0.00	34.14 -1.42 0.00	45.01 -1.68 0.00	50.27 -1.97 0.00	41.42 -1.53 0.00	35.21 -1.36 -0.14	35.18 -1.34 -0.65	37.62 -1.59 0.00	41.08 -1.71 0.00	35.51 -1.65 0.00
HIGH FALLS___HY 23754	50.73 2.51 0.00	79.45 3.18 0.00	76.37 2.85 0.00	67.44 2.77 0.00	62.60 2.98 0.00	70.44 3.48 0.00	72.74 4.05 0.00	68.67 4.44 0.00	63.51 4.34 0.00	53.32 3.66 0.00	42.21 3.03 0.00	36.81 2.43 0.00	28.79 1.80 0.00	28.91 1.93 0.00	32.26 2.36 0.00	38.35 2.80 0.00	50.51 3.81 0.00	56.47 4.23 0.00	46.61 3.66 0.00	39.52 3.08 0.00	38.90 3.03 0.00	42.29 3.08 0.00	45.80 3.01 0.00	39.36 2.20 0.00
HIGH_RIVER___SOLAR 323847	49.86 1.64 0.00	78.60 2.32 0.00	75.71 2.19 0.00	66.54 1.88 0.00	61.42 1.80 0.00	69.31 2.35 0.00	71.17 2.48 0.00	66.64 2.41 0.00	60.88 1.71 0.00	50.20 0.55 0.00	39.47 0.29 0.00	34.57 0.20 0.00	27.12 0.13 0.00	27.01 0.03 0.00	30.16 0.26 0.00	36.18 0.63 0.00	48.27 1.58 0.00	54.20 1.95 0.00	44.56 1.61 0.00	37.76 1.32 0.00	37.13 1.27 0.00	40.60 1.39 0.00	44.14 1.35 0.00	38.22 1.06 0.00
HILLBURN___GT 23639	50.01 1.79 0.00	78.30 2.03 0.00	75.27 1.74 0.00	66.44 1.78 0.00	61.68 2.07 0.00	69.29 2.32 0.00	71.43 2.74 0.00	67.39 3.16 0.00	62.44 3.28 0.00	52.65 2.99 0.00	41.79 2.61 0.00	36.55 2.17 0.00	28.63 1.64 0.00	28.74 1.76 0.00	31.98 2.09 0.00	37.90 2.35 0.00	49.68 2.99 0.00	55.53 3.28 0.00	45.82 2.88 0.00	38.85 2.42 0.00	38.28 2.41 0.00	41.69 2.48 0.00	45.24 2.45 0.00	38.95 1.79 0.00
HILLSIDE_115KV_TB1 80332	46.57 -1.65 0.00	73.10 -3.18 0.00	69.59 -3.94 0.00	60.98 -3.68 0.00	55.98 -3.64 0.00	73.41 -4.27 -10.71	77.95 -3.99 -13.25	73.28 -3.66 -12.71	59.54 -3.19 -3.57	47.02 -2.64 0.00	37.38 -1.80 0.00	32.43 -1.94 0.00	25.30 -1.69 0.00	25.49 -1.49 0.00	28.44 -1.45 0.00	34.03 -1.53 0.00	44.80 -1.89 0.00	49.99 -2.26 0.00	41.21 -1.74 0.00	35.06 -1.50 -0.13	34.97 -1.48 -0.58	37.47 -1.74 0.00	40.88 -1.91 0.00	35.27 -1.89 0.00

HISHELDN_WT_PWR 323625	46.13 -2.09 0.00	71.53 -4.75 0.00	67.72 -5.80 0.00	59.01 -5.66 0.00	53.46 -6.15 0.01	13.48 -7.85 45.63	4.07 -8.03 56.59	2.22 -7.74 54.27	37.08 -7.20 14.88	43.85 -5.81 0.00	35.07 -4.12 0.00	30.53 -3.84 0.00	23.79 -3.20 0.00	23.77 -3.22 0.00	26.41 -3.49 0.00	31.73 -3.82 0.00	41.93 -4.76 0.00	47.00 -5.24 0.00	38.60 -4.35 0.00	31.72 -3.87 0.84	28.26 -3.66 3.94	35.16 -4.05 0.00	38.85 -3.94 0.00	34.00 -3.16 0.00
HOLTSVILLE_IC_1 23690	51.39 3.17 0.00	79.93 3.65 0.00	76.41 2.88 0.00	67.45 2.79 0.00	63.04 3.42 0.00	70.87 3.90 0.00	73.14 4.44 0.00	68.87 4.64 0.00	63.33 4.17 0.00	53.81 4.15 0.00	42.58 3.40 0.00	37.15 2.78 0.00	29.26 2.26 0.00	29.44 2.46 0.00	32.85 2.95 0.00	48.02 3.43 -9.03	82.14 4.41 -31.04	61.68 4.39 -5.05	46.70 3.75 -0.01	43.26 3.33 -3.49	50.43 3.40 -11.17	45.26 3.53 -2.52	46.34 3.54 -0.01	39.84 2.68 0.00
HOLTSVILLE_IC_10 23699	51.64 3.42 0.00	80.28 4.01 0.00	76.72 3.19 0.00	67.73 3.07 0.00	63.29 3.67 0.00	71.18 4.22 0.00	73.52 4.83 0.00	69.22 5.00 0.00	63.63 4.47 0.00	54.05 4.39 0.00	42.77 3.60 0.00	37.33 2.95 0.00	29.39 2.40 0.00	29.56 2.58 0.00	32.99 3.10 0.00	48.25 3.61 -9.09	82.64 4.71 -31.23	62.03 4.71 -5.08	46.96 4.00 -0.01	43.51 3.56 -3.52	50.73 3.63 -11.23	45.51 3.77 -2.53	46.58 3.78 -0.01	40.03 2.87 0.00
HOLTSVILLE_IC_2 23691	51.39 3.17 0.00	79.93 3.65 0.00	76.41 2.88 0.00	67.45 2.79 0.00	63.04 3.42 0.00	70.87 3.90 0.00	73.14 4.44 0.00	68.87 4.64 0.00	63.33 4.17 0.00	53.81 4.15 0.00	42.58 3.40 0.00	37.15 2.78 0.00	29.26 2.26 0.00	29.44 2.46 0.00	32.85 2.95 0.00	48.02 3.43 -9.03	82.14 4.41 -31.04	61.68 4.39 -5.05	46.70 3.75 -0.01	43.26 3.33 -3.49	50.43 3.40 -11.17	45.26 3.53 -2.52	46.34 3.54 -0.01	39.84 2.68 0.00
HOLTSVILLE_IC_3 23692	51.39 3.17 0.00	79.93 3.65 0.00	76.41 2.88 0.00	67.45 2.79 0.00	63.04 3.42 0.00	70.87 3.90 0.00	73.14 4.44 0.00	68.87 4.64 0.00	63.33 4.17 0.00	53.81 4.15 0.00	42.58 3.40 0.00	37.15 2.78 0.00	29.26 2.26 0.00	29.44 2.46 0.00	32.85 2.95 0.00	48.02 3.43 -9.03	82.14 4.41 -31.04	61.68 4.39 -5.05	46.70 3.75 -0.01	43.26 3.33 -3.49	50.43 3.40 -11.17	45.26 3.53 -2.52	46.34 3.54 -0.01	39.84 2.68 0.00
HOLTSVILLE_IC_4 23693	51.39 3.17 0.00	79.93 3.65 0.00	76.41 2.88 0.00	67.45 2.79 0.00	63.04 3.42 0.00	70.87 3.90 0.00	73.14 4.44 0.00	68.87 4.64 0.00	63.33 4.17 0.00	53.81 4.15 0.00	42.58 3.40 0.00	37.15 2.78 0.00	29.26 2.26 0.00	29.44 2.46 0.00	32.85 2.95 0.00	48.02 3.43 -9.03	82.14 4.41 -31.04	61.68 4.39 -5.05	46.70 3.75 -0.01	43.26 3.33 -3.49	50.43 3.40 -11.17	45.26 3.53 -2.52	46.34 3.54 -0.01	39.84 2.68 0.00
HOLTSVILLE_IC_5 23694	51.39 3.17 0.00	79.93 3.65 0.00	76.41 2.88 0.00	67.45 2.79 0.00	63.04 3.42 0.00	70.87 3.90 0.00	73.14 4.44 0.00	68.87 4.64 0.00	63.33 4.17 0.00	53.81 4.15 0.00	42.58 3.40 0.00	37.15 2.78 0.00	29.26 2.26 0.00	29.44 2.46 0.00	32.85 2.95 0.00	48.02 3.43 -9.03	82.14 4.41 -31.04	61.68 4.39 -5.05	46.70 3.75 -0.01	43.26 3.33 -3.49	50.43 3.40 -11.17	45.26 3.53 -2.52	46.34 3.54 -0.01	39.84 2.68 0.00
HOLTSVILLE_IC_6 23695	51.64 3.42 0.00	80.28 4.01 0.00	76.72 3.19 0.00	67.73 3.07 0.00	63.29 3.67 0.00	71.18 4.22 0.00	73.52 4.83 0.00	69.22 5.00 0.00	63.63 4.47 0.00	54.05 4.39 0.00	42.77 3.60 0.00	37.33 2.95 0.00	29.39 2.40 0.00	29.56 2.58 0.00	32.99 3.10 0.00	48.25 3.61 -9.09	82.64 4.71 -31.23	62.03 4.71 -5.08	46.96 4.00 -0.01	43.51 3.56 -3.52	50.73 3.63 -11.23	45.51 3.77 -2.53	46.58 3.78 -0.01	40.03 2.87 0.00
HOLTSVILLE_IC_7 23696	51.64 3.42 0.00	80.28 4.01 0.00	76.72 3.19 0.00	67.73 3.07 0.00	63.29 3.67 0.00	71.18 4.22 0.00	73.52 4.83 0.00	69.22 5.00 0.00	63.63 4.47 0.00	54.05 4.39 0.00	42.77 3.60 0.00	37.33 2.95 0.00	29.39 2.40 0.00	29.56 2.58 0.00	32.99 3.10 0.00	48.25 3.61 -9.09	82.64 4.71 -31.23	62.03 4.71 -5.08	46.96 4.00 -0.01	43.51 3.56 -3.52	50.73 3.63 -11.23	45.51 3.77 -2.53	46.58 3.78 -0.01	40.03 2.87 0.00
HOLTSVILLE_IC_8 23697	51.64 3.42 0.00	80.28 4.01 0.00	76.72 3.19 0.00	67.73 3.07 0.00	63.29 3.67 0.00	71.18 4.22 0.00	73.52 4.83 0.00	69.22 5.00 0.00	63.63 4.47 0.00	54.05 4.39 0.00	42.77 3.60 0.00	37.33 2.95 0.00	29.39 2.40 0.00	29.56 2.58 0.00	32.99 3.10 0.00	48.25 3.61 -9.09	82.64 4.71 -31.23	62.03 4.71 -5.08	46.96 4.00 -0.01	43.51 3.56 -3.52	50.73 3.63 -11.23	45.51 3.77 -2.53	46.58 3.78 -0.01	40.03 2.87 0.00
HOLTSVILLE_IC_9 23698	51.64 3.42 0.00	80.28 4.01 0.00	76.72 3.19 0.00	67.73 3.07 0.00	63.29 3.67 0.00	71.18 4.22 0.00	73.52 4.83 0.00	69.22 5.00 0.00	63.63 4.47 0.00	54.05 4.39 0.00	42.77 3.60 0.00	37.33 2.95 0.00	29.39 2.40 0.00	29.56 2.58 0.00	32.99 3.10 0.00	48.25 3.61 -9.09	82.64 4.71 -31.23	62.03 4.71 -5.08	46.96 4.00 -0.01	43.51 3.56 -3.52	50.73 3.63 -11.23	45.51 3.77 -2.53	46.58 3.78 -0.01	40.03 2.87 0.00
HOMER_HL_115KV_TB2 355744	47.16 -1.06 0.00	73.67 -2.61 0.00	70.03 -3.49 0.00	61.27 -3.39 0.00	55.97 -3.65 0.00	62.28 -4.69 0.00	63.88 -4.86 -0.05	59.34 -4.94 -0.04	55.05 -4.11 0.00	46.55 -3.11 0.00	37.04 -2.13 0.00	32.18 -2.20 0.00	25.01 -1.98 0.00	25.67 -1.80 -0.49	28.59 -1.85 -0.55	33.66 -1.89 0.00	44.32 -2.37 0.00	49.64 -2.61 0.00	40.89 -2.06 0.00	34.51 -1.85 0.07	33.83 -1.72 0.32	37.18 -2.03 0.00	41.02 -1.77 0.00	35.66 -1.50 0.00
HOWARD_WT_PWR 323690	47.43 -0.79 0.00	73.30 -2.97 0.00	69.30 -4.22 0.00	60.23 -4.43 0.00	53.96 -5.66 -0.01	116.81 -7.93 -57.77	132.55 -7.81 -71.67	125.91 -7.05 -68.72	71.49 -6.57 -18.90	43.87 -5.79 0.00	34.90 -4.27 0.00	30.19 -4.19 0.00	23.51 -3.48 0.00	23.76 -3.32 -0.10	26.48 -3.53 -0.11	31.75 -3.80 0.00	42.14 -4.55 0.00	47.16 -5.09 0.00	38.77 -4.18 0.00	33.81 -3.58 -0.95	36.84 -3.48 -4.46	35.24 -3.97 0.00	38.66 -4.13 0.00	33.62 -3.55 0.00
HQ_GEN_CEDARS 23644	49.46 1.24 0.00	78.70 2.43 0.00	75.93 2.40 0.00	66.60 1.94 0.00	61.22 1.61 0.00	68.60 1.63 0.00	70.52 1.83 0.00	65.78 1.55 0.00	60.38 1.22 0.00	50.75 1.09 0.00	39.86 0.67 0.00	35.05 0.67 0.00	27.59 0.60 0.00	27.48 0.50 0.00	30.33 0.44 0.00	36.03 0.48 0.00	47.34 0.65 0.00	53.03 0.78 0.00	43.46 0.52 0.00	36.87 0.43 0.00	36.21 0.34 0.00	39.65 0.44 0.00	43.50 0.71 0.00	37.93 0.77 0.00
HQ_GEN_CEDARS_PROXY 323590	49.46 1.24 0.00	78.70 2.43 0.00	75.93 2.40 0.00	66.60 1.94 0.00	61.22 1.61 0.00	68.60 1.63 0.00	70.52 1.83 0.00	65.78 1.55 0.00	54.57 1.21 5.81	50.75 1.09 0.00	39.85 0.67 0.00	35.04 0.67 0.00	27.59 0.60 0.00	27.48 0.50 0.00	30.33 0.44 0.00	36.03 0.48 0.00	47.34 0.65 0.00	53.03 0.78 0.00	43.46 0.51 0.00	36.87 0.43 0.00	36.21 0.34 0.00	39.65 0.44 0.00	43.50 0.71 0.00	37.93 0.77 0.00

HQ_GEN_IMPORT 323601	49.14 0.22 -0.69	77.13 0.86 0.00	74.47 0.94 0.00	65.17 0.76 0.25	60.20 0.58 0.00	67.53 0.57 0.00	69.37 0.67 0.00	64.77 0.54 0.00	59.60 0.43 0.00	50.05 0.39 0.00	39.41 0.23 0.00	34.63 0.25 0.00	27.22 0.23 0.00	27.15 0.17 0.00	30.01 0.11 0.00	35.66 0.11 0.00	46.87 0.18 0.00	52.49 0.25 0.00	43.09 0.14 0.00	36.55 0.12 0.00	35.94 0.07 0.00	39.31 0.10 0.00	42.95 0.16 0.00	37.37 0.21 0.00
HQ_GEN_WHEEL 23651	49.14 0.22 -0.69	77.13 0.86 0.00	74.47 0.94 0.00	65.17 0.76 0.25	60.20 0.58 0.00	67.53 0.57 0.00	69.37 0.67 0.00	64.77 0.54 0.00	59.60 0.43 0.00	50.05 0.39 0.00	39.41 0.23 0.00	34.63 0.25 0.00	27.22 0.23 0.00	27.15 0.17 0.00	30.01 0.11 0.00	35.66 0.11 0.00	46.87 0.18 0.00	52.49 0.25 0.00	43.09 0.14 0.00	36.55 0.12 0.00	35.94 0.07 0.00	39.31 0.10 0.00	42.95 0.16 0.00	37.37 0.21 0.00
HUDSON AVE_GT_3 23810	50.39 2.17 0.00	78.67 2.39 0.00	75.63 2.10 0.00	66.82 2.15 0.00	62.13 2.52 0.00	69.87 2.90 0.00	72.16 3.46 0.00	68.15 3.92 0.00	63.10 3.94 0.00	53.30 3.64 0.00	42.34 3.16 0.00	37.04 2.67 0.00	29.05 2.06 0.00	29.16 2.18 0.00	32.47 2.58 0.00	38.45 2.90 0.00	50.37 3.68 0.00	56.13 3.88 0.00	46.34 3.39 0.00	39.28 2.85 0.00	38.69 2.82 0.00	42.06 2.85 0.00	45.62 2.83 0.00	39.26 2.10 0.00
HUDSON AVE_GT_4 23540	50.39 2.17 0.00	78.67 2.39 0.00	75.63 2.10 0.00	66.82 2.15 0.00	62.13 2.52 0.00	69.87 2.90 0.00	72.16 3.46 0.00	68.15 3.92 0.00	63.10 3.94 0.00	53.30 3.64 0.00	42.34 3.16 0.00	37.04 2.67 0.00	29.05 2.06 0.00	29.16 2.18 0.00	32.47 2.58 0.00	38.45 2.90 0.00	50.37 3.68 0.00	56.13 3.88 0.00	46.34 3.39 0.00	39.28 2.85 0.00	38.69 2.82 0.00	42.06 2.85 0.00	45.62 2.83 0.00	39.26 2.10 0.00
HUDSON AVE_GT_5 23657	50.39 2.17 0.00	78.67 2.39 0.00	75.63 2.10 0.00	66.82 2.15 0.00	62.13 2.52 0.00	69.87 2.90 0.00	72.16 3.46 0.00	68.15 3.92 0.00	63.10 3.94 0.00	53.30 3.64 0.00	42.34 3.16 0.00	37.04 2.67 0.00	29.05 2.06 0.00	29.16 2.18 0.00	32.47 2.58 0.00	38.45 2.90 0.00	50.37 3.68 0.00	56.13 3.88 0.00	46.34 3.39 0.00	39.28 2.85 0.00	38.69 2.82 0.00	42.06 2.85 0.00	45.62 2.83 0.00	39.26 2.10 0.00
HUDSON_AVE_10 24168	50.27 2.05 0.00	78.43 2.15 0.00	75.46 1.94 0.00	66.65 1.99 0.00	62.03 2.41 0.00	69.75 2.79 0.00	72.00 3.30 0.00	68.03 3.80 0.00	62.99 3.83 0.00	53.16 3.50 0.00	42.23 3.05 0.00	36.96 2.58 0.00	28.98 1.98 0.00	29.08 2.09 0.00	32.39 2.50 0.00	38.35 2.80 0.00	50.24 3.54 0.00	55.99 3.75 0.00	46.22 3.28 0.00	39.20 2.77 0.00	38.60 2.73 0.00	41.98 2.76 0.00	45.54 2.75 0.00	39.18 2.01 0.00
HUDSON___115KV_TB 4 355613	50.63 2.41 0.00	79.79 3.51 0.00	77.01 3.49 0.00	67.90 3.24 0.00	62.80 3.18 0.00	70.66 3.69 0.00	72.04 3.34 0.00	67.20 2.97 0.00	61.83 2.66 0.00	51.51 1.86 0.00	40.34 1.16 0.00	35.27 0.90 0.00	27.71 0.72 0.00	27.75 0.76 0.00	30.80 0.91 0.00	36.85 1.31 0.00	48.63 1.94 0.00	54.51 2.26 0.00	44.80 1.85 0.00	37.95 1.51 0.00	37.39 1.52 0.00	40.98 1.77 0.00	44.79 2.00 0.00	39.03 1.87 0.00
HUNTER MOUNT___DRP 323613	50.85 2.62 0.00	80.16 3.88 0.00	77.38 3.85 0.00	68.23 3.57 0.00	63.09 3.48 0.00	71.02 4.05 0.00	72.38 3.69 0.00	67.54 3.31 0.00	62.09 2.93 0.00	51.63 1.98 0.00	40.37 1.20 0.00	35.29 0.91 0.00	27.72 0.73 0.00	27.75 0.77 0.00	30.81 0.92 0.00	36.93 1.38 0.00	48.80 2.11 0.00	54.76 2.51 0.00	44.98 2.04 0.00	38.09 1.66 0.00	37.50 1.64 0.00	41.13 1.92 0.00	44.93 2.14 0.00	39.14 1.98 0.00
HUNTINGTON_RES_REC 323705	51.19 2.96 0.00	79.72 3.45 0.00	76.23 2.70 0.00	67.30 2.64 0.00	62.87 3.26 0.00	70.66 3.70 0.00	72.79 4.09 0.00	68.61 4.38 0.00	63.16 4.00 0.00	53.70 4.04 0.00	42.58 3.40 0.00	37.14 2.77 0.00	29.23 2.23 0.00	29.41 2.43 0.00	32.81 2.92 0.00	48.06 3.40 -9.11	82.35 4.36 -31.30	61.71 4.38 -5.09	46.66 3.71 -0.01	43.23 3.27 -3.52	50.45 3.32 -11.26	45.19 3.44 -2.54	46.28 3.48 -0.01	39.77 2.61 0.00
HUNTLEY___63 23557	45.95 -2.27 0.00	71.33 -4.95 0.00	67.76 -5.76 0.00	59.33 -5.33 0.00	54.00 -5.61 0.00	45.68 -7.34 13.95	43.54 -7.94 17.21	39.95 -7.77 16.51	47.44 -7.18 4.55	44.19 -5.47 0.00	35.34 -3.84 0.00	30.90 -3.47 0.00	24.06 -2.94 0.00	23.87 -3.11 0.00	26.41 -3.48 0.00	31.64 -3.92 0.00	41.87 -4.82 0.00	47.09 -5.16 0.00	38.72 -4.22 0.00	32.41 -3.77 0.25	31.20 -3.47 1.20	35.31 -3.90 0.00	39.35 -3.43 0.00	34.60 -2.57 0.00
HUNTLEY___64 23558	45.95 -2.27 0.00	71.33 -4.95 0.00	67.76 -5.76 0.00	59.33 -5.33 0.00	54.00 -5.61 0.00	45.68 -7.34 13.95	43.54 -7.94 17.21	39.95 -7.77 16.51	47.44 -7.18 4.55	44.19 -5.47 0.00	35.34 -3.84 0.00	30.90 -3.47 0.00	24.06 -2.94 0.00	23.87 -3.11 0.00	26.41 -3.48 0.00	31.64 -3.92 0.00	41.87 -4.82 0.00	47.09 -5.16 0.00	38.72 -4.22 0.00	32.41 -3.77 0.25	31.20 -3.47 1.20	35.31 -3.90 0.00	39.35 -3.43 0.00	34.60 -2.57 0.00
HUNTLEY___65 23559	45.95 -2.27 0.00	71.33 -4.95 0.00	67.76 -5.76 0.00	59.33 -5.33 0.00	54.00 -5.61 0.00	45.68 -7.34 13.95	43.54 -7.94 17.21	39.95 -7.77 16.51	47.44 -7.18 4.55	44.19 -5.47 0.00	35.34 -3.84 0.00	30.90 -3.47 0.00	24.06 -2.94 0.00	23.87 -3.11 0.00	26.41 -3.48 0.00	31.64 -3.92 0.00	41.87 -4.82 0.00	47.09 -5.16 0.00	38.72 -4.22 0.00	32.41 -3.77 0.25	31.20 -3.47 1.20	35.31 -3.90 0.00	39.35 -3.43 0.00	34.60 -2.57 0.00
HUNTLEY___66 23560	45.95 -2.27 0.00	71.33 -4.95 0.00	67.76 -5.76 0.00	59.33 -5.33 0.00	54.00 -5.61 0.00	45.68 -7.34 13.95	43.54 -7.94 17.21	39.95 -7.77 16.51	47.44 -7.18 4.55	44.19 -5.47 0.00	35.34 -3.84 0.00	30.90 -3.47 0.00	24.06 -2.94 0.00	23.87 -3.11 0.00	26.41 -3.48 0.00	31.64 -3.92 0.00	41.87 -4.82 0.00	47.09 -5.16 0.00	38.72 -4.22 0.00	32.41 -3.77 0.25	31.20 -3.47 1.20	35.31 -3.90 0.00	39.35 -3.43 0.00	34.60 -2.57 0.00
HUNTLEY___67 23561	45.72 -2.50 0.00	71.05 -5.23 0.00	67.49 -6.04 0.00	59.06 -5.60 0.00	53.77 -5.84 0.00	42.67 -7.62 16.68	39.79 -8.21 20.69	36.35 -8.04 19.84	46.42 -7.31 5.44	44.11 -5.55 0.00	35.25 -3.93 0.00	30.78 -3.60 0.00	23.98 -3.01 0.00	23.82 -3.17 0.00	26.36 -3.53 0.00	31.56 -4.00 0.00	41.77 -4.92 0.00	46.97 -5.27 0.00	38.62 -4.33 0.00	32.28 -3.86 0.30	30.81 -3.63 1.43	35.21 -4.01 0.00	39.19 -3.60 0.00	34.43 -2.73 0.00
HUNTLEY___68 23562	45.72 -2.50 0.00	71.05 -5.23 0.00	67.49 -6.04 0.00	59.06 -5.60 0.00	53.77 -5.84 0.00	42.67 -7.62 16.68	39.79 -8.21 20.69	36.35 -8.04 19.84	46.42 -7.31 5.44	44.11 -5.55 0.00	35.25 -3.93 0.00	30.78 -3.60 0.00	23.98 -3.01 0.00	23.82 -3.17 0.00	26.36 -3.53 0.00	31.56 -4.00 0.00	41.77 -4.92 0.00	46.97 -5.27 0.00	38.62 -4.33 0.00	32.28 -3.86 0.30	30.81 -3.63 1.43	35.21 -4.01 0.00	39.19 -3.60 0.00	34.43 -2.73 0.00

HYLAND___LFGE 323620	47.82	75.93	72.89	63.76	58.10	126.49	143.69	136.50	77.96	47.89	37.43	32.33	25.14	25.12	27.90	34.21	46.07	52.02	42.75	37.24	40.63	38.66	42.40	36.84
	-0.40	-0.35	-0.64	-0.90	-1.53	-2.30	-1.70	-1.27	-1.39	-1.77	-1.75	-2.04	-1.85	-1.86	-1.99	-1.34	-0.63	-0.23	-0.20	-0.26	-0.22	-0.55	-0.39	-0.32
	0.00	0.00	0.00	0.00	-0.01	-61.82	-76.69	-73.54	-20.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	-4.98	0.00	0.00	0.00
INDECK___CORINTH 23802	50.39	79.02	76.44	67.47	62.42	70.49	72.32	67.76	62.29	51.79	40.73	35.63	27.94	27.94	30.93	36.96	48.89	54.67	44.74	37.89	37.33	41.21	44.80	38.82
	2.17	2.75	2.91	2.80	2.80	3.53	3.63	3.53	3.13	2.13	1.55	1.26	0.94	0.95	1.04	1.41	2.19	2.43	1.80	1.45	1.46	1.99	2.01	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK___ILION 23567	49.69	78.36	75.51	66.40	61.31	69.18	70.74	66.14	60.66	50.44	39.61	34.63	27.18	27.13	30.23	36.22	47.83	53.56	44.08	37.38	36.80	40.33	43.84	37.93
	1.46	2.09	1.99	1.74	1.70	2.22	2.04	1.91	1.49	0.79	0.43	0.26	0.19	0.15	0.33	0.67	1.13	1.32	1.14	0.94	0.93	1.12	1.05	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK___OLEAN 23982	47.16	73.66	70.04	61.27	55.98	62.35	64.24	59.68	55.10	46.51	37.04	32.17	25.01	25.67	28.60	33.65	44.34	49.63	40.89	34.52	33.84	37.18	40.99	35.66
	-1.06	-2.61	-3.49	-3.39	-3.64	-4.62	-4.50	-4.60	-4.06	-3.15	-2.14	-2.20	-1.98	-1.80	-1.85	-1.90	-2.36	-2.62	-2.05	-1.85	-1.71	-2.03	-1.81	-1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.04	0.00	0.00	0.00	0.00	0.00	-0.49	-0.55	0.00	0.00	0.00	0.00	0.07	0.32	0.00	0.00
INDECK___OSWEGO 23783	46.65	73.48	70.67	62.04	57.17	64.26	66.09	61.75	56.85	47.59	37.54	32.96	25.87	25.89	28.78	34.28	45.01	50.34	41.38	35.14	34.61	37.76	41.20	35.79
	-1.57	-2.79	-2.86	-2.62	-2.44	-2.71	-2.60	-2.48	-2.31	-2.07	-1.64	-1.41	-1.12	-1.09	-1.11	-1.27	-1.69	-1.91	-1.57	-1.29	-1.26	-1.45	-1.59	-1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK___YERKES 23781	46.00	71.39	67.81	59.37	54.08	45.82	43.77	40.17	47.53	44.19	35.37	30.92	24.07	23.90	26.44	31.66	41.94	47.14	38.75	32.44	31.25	35.34	39.36	34.63
	-2.23	-4.89	-5.71	-5.29	-5.53	-7.20	-7.71	-7.54	-7.09	-5.47	-3.80	-3.45	-2.92	-3.08	-3.45	-3.89	-4.76	-5.11	-4.19	-3.74	-3.42	-3.87	-3.43	-2.53
	0.00	0.00	0.00	0.00	0.00	13.95	17.21	16.51	4.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	1.20	0.00	0.00	0.00
INDIAN POINT_GT_1 24139	50.03	78.28	75.26	66.47	61.72	69.36	71.50	67.42	62.42	52.63	41.77	36.52	28.65	28.75	32.00	37.91	49.70	55.50	45.79	38.84	38.25	41.65	45.22	38.94
	1.81	2.01	1.74	1.80	2.10	2.40	2.80	3.19	3.25	2.97	2.60	2.15	1.65	1.77	2.11	2.36	3.00	3.25	2.85	2.40	2.38	2.44	2.42	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT_GT_2 23659	50.03	78.28	75.26	66.47	61.72	69.36	71.50	67.42	62.42	52.63	41.77	36.52	28.65	28.75	32.00	37.91	49.70	55.50	45.79	38.84	38.25	41.65	45.22	38.94
	1.81	2.01	1.74	1.80	2.10	2.40	2.80	3.19	3.25	2.97	2.60	2.15	1.65	1.77	2.11	2.36	3.00	3.25	2.85	2.40	2.38	2.44	2.42	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT_GT_3 24019	50.03	78.28	75.26	66.47	61.72	69.36	71.50	67.42	62.42	52.63	41.77	36.52	28.65	28.75	32.00	37.91	49.70	55.50	45.79	38.84	38.25	41.65	45.22	38.94
	1.81	2.01	1.74	1.80	2.10	2.40	2.80	3.19	3.25	2.97	2.60	2.15	1.65	1.77	2.11	2.36	3.00	3.25	2.85	2.40	2.38	2.44	2.42	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT___2 23530	49.98	78.21	75.19	66.37	61.64	69.25	71.38	67.33	62.35	52.59	41.74	36.50	28.61	28.72	31.97	37.88	49.65	55.43	45.74	38.79	38.22	41.62	45.18	38.90
	1.76	1.94	1.66	1.71	2.02	2.29	2.69	3.10	3.19	2.93	2.57	2.13	1.62	1.74	2.08	2.32	2.96	3.19	2.79	2.35	2.35	2.40	2.38	1.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT___3 23531	49.95	78.19	75.19	66.39	61.65	69.27	71.37	67.31	62.31	52.54	41.71	36.47	28.60	28.71	31.94	37.84	49.61	55.41	45.72	38.77	38.19	41.59	45.15	38.90
	1.72	1.92	1.66	1.72	2.03	2.31	2.68	3.08	3.15	2.88	2.53	2.10	1.61	1.73	2.05	2.29	2.91	3.17	2.77	2.34	2.32	2.38	2.36	1.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INGHAM_C_115KV_TB7 356103	51.37	80.90	77.86	68.60	63.49	71.80	73.23	68.52	62.53	51.39	40.14	34.96	27.41	27.30	30.58	37.01	49.23	55.20	45.48	38.56	37.96	41.73	45.24	39.00
	3.15	4.62	4.33	3.94	3.88	4.84	4.53	4.29	3.36	1.74	0.96	0.59	0.42	0.32	0.69	1.46	2.54	2.96	2.53	2.12	2.09	2.51	2.45	1.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IP CORINTH___1 23988	50.65	79.47	76.82	67.80	62.75	70.85	72.69	68.13	62.60	52.04	40.94	35.81	28.08	28.07	31.09	37.15	49.15	54.98	44.98	38.09	37.53	41.42	45.02	39.01
	2.42	3.19	3.30	3.14	3.14	3.88	3.99	3.89	3.44	2.38	1.76	1.44	1.08	1.09	1.19	1.60	2.46	2.73	2.03	1.66	1.66	2.21	2.23	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IP___TICONDEROGA 23804	53.55	83.49	80.81	71.50	66.24	75.28	77.60	72.84	66.79	54.38	42.73	37.41	29.27	29.40	32.28	38.98	52.48	58.61	47.62	40.21	39.45	44.02	47.75	41.23
	5.33	7.21	7.29	6.84	6.62	8.32	8.90	8.61	7.63	4.72	3.55	3.04	2.27	2.42	2.39	3.43	5.78	6.37	4.67	3.78	3.58	4.81	4.96	4.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ISLIP_RES_REC 323679	51.84	80.56	76.98	67.97	63.52	71.45	73.85	69.56	63.93	54.30	42.96	37.48	29.51	29.67	33.13	48.47	83.03	62.35	47.20	43.73	50.98	45.72	46.78	40.19
	3.62	4.29	3.45	3.31	3.91	4.48	5.15	5.33	4.77	4.64	3.79	3.10	2.52	2.69	3.23	3.79	4.98	5.01	4.24	3.76	3.84	3.97	3.99	3.03
	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	-9.13	-31.36	-5.10	-0.01	-3.53	-11.28	-2.54	-0.01	0.00

JAMAICA__27_KV_LOAD 355505	50.62 2.40 0.00	78.85 2.57 0.00	76.13 2.61 0.00	67.26 2.60 0.00	62.74 3.12 0.00	70.60 3.64 0.00	72.78 4.09 0.00	68.74 4.51 0.00	63.70 4.54 0.00	53.51 3.85 0.00	42.53 3.35 0.00	37.28 2.91 0.00	29.15 2.16 0.00	29.23 2.25 0.00	32.66 2.76 0.00	38.63 3.08 0.00	50.66 3.96 0.00	56.47 4.22 0.00	46.70 3.75 0.00	39.61 3.17 0.00	39.00 3.13 0.00	42.48 3.27 0.00	46.03 3.24 0.00	39.49 2.33 0.00
JANIS__SOLAR 323808	49.93 1.71 0.00	78.56 2.29 0.00	75.15 1.63 0.00	65.84 1.18 0.00	60.27 0.66 0.00	72.93 0.43 -5.54	76.14 0.59 -6.87	71.81 1.00 -6.58	61.57 0.58 -1.82	48.97 -0.68 0.00	38.18 -1.00 0.00	33.25 -1.12 0.00	26.02 -0.97 0.00	26.07 -0.91 0.00	29.16 -0.74 0.00	35.45 -0.10 0.00	47.13 0.44 0.00	52.92 0.68 0.00	43.60 0.65 0.00	36.99 0.49 -0.07	36.64 0.45 -0.33	39.51 0.30 0.00	42.95 0.15 0.00	37.10 -0.06 0.00
JARVIS____ 23743	48.40 0.18 0.00	76.43 0.15 0.00	73.67 0.15 0.00	64.75 0.09 0.00	59.74 0.12 0.00	67.21 0.24 0.00	68.90 0.21 0.00	64.43 0.19 0.00	59.30 0.13 0.00	49.71 0.05 0.00	39.21 0.03 0.00	34.37 0.00 0.00	26.99 0.00 0.00	27.00 0.02 0.00	29.93 0.04 0.00	35.62 0.07 0.00	46.76 0.06 0.00	52.31 0.06 0.00	43.03 0.08 0.00	36.48 0.04 0.00	35.94 0.07 0.00	39.32 0.11 0.00	42.88 0.09 0.00	37.20 0.04 0.00
JENNISON____1 23625	49.92 1.70 0.00	78.72 2.44 0.00	75.13 1.60 0.00	66.10 1.44 0.00	60.70 1.08 0.00	70.55 0.29 -3.30	72.53 -0.25 -4.09	68.28 0.13 -3.92	59.98 -0.27 -1.08	48.72 -0.94 0.00	38.34 -0.84 0.00	33.49 -0.88 0.00	26.29 -0.70 0.00	26.31 -0.68 0.00	29.38 -0.51 0.00	35.26 -0.29 0.00	46.50 -0.19 0.00	52.04 -0.21 0.00	42.91 -0.04 0.00	36.30 -0.13 0.00	35.72 -0.15 0.00	38.98 -0.24 0.00	42.28 -0.51 0.00	36.40 -0.76 0.00
JENNISON____2 23626	49.92 1.70 0.00	78.72 2.44 0.00	75.13 1.60 0.00	66.10 1.44 0.00	60.70 1.08 0.00	70.55 0.29 -3.30	72.53 -0.25 -4.09	68.28 0.13 -3.92	59.98 -0.27 -1.08	48.72 -0.94 0.00	38.34 -0.84 0.00	33.49 -0.88 0.00	26.29 -0.70 0.00	26.31 -0.68 0.00	29.38 -0.51 0.00	35.26 -0.29 0.00	46.50 -0.19 0.00	52.04 -0.21 0.00	42.91 -0.04 0.00	36.30 -0.13 0.00	35.72 -0.15 0.00	38.98 -0.24 0.00	42.28 -0.51 0.00	36.40 -0.76 0.00
JERICOHO_RISE_WT_PWR 323719	49.02 0.80 0.00	78.23 1.95 0.00	75.46 1.93 0.00	66.30 1.63 0.00	61.08 1.46 0.00	68.51 1.55 0.00	70.38 1.69 0.00	65.81 1.58 0.00	60.15 0.98 0.00	50.24 0.58 0.00	39.13 -0.05 0.00	34.58 0.20 0.00	27.27 0.27 0.00	27.07 0.09 0.00	29.66 -0.24 0.00	35.04 -0.51 0.00	46.07 -0.62 0.00	51.55 -0.70 0.00	42.21 -0.73 0.00	35.82 -0.62 0.00	35.13 -0.73 0.00	38.49 -0.72 0.00	42.06 -0.73 0.00	36.61 -0.55 0.00
KATONAH__115KV_46KV_TB4 355592	50.40 2.18 0.00	78.87 2.59 0.00	75.84 2.32 0.00	66.96 2.30 0.00	62.20 2.58 0.00	69.93 2.96 0.00	72.09 3.40 0.00	67.98 3.75 0.00	62.89 3.73 0.00	53.01 3.35 0.00	42.04 2.86 0.00	36.75 2.38 0.00	28.82 1.83 0.00	28.93 1.95 0.00	32.19 2.30 0.00	38.14 2.59 0.00	50.03 3.34 0.00	55.88 3.64 0.00	46.09 3.15 0.00	39.10 2.66 0.00	38.49 2.63 0.00	41.90 2.69 0.00	45.47 2.68 0.00	39.15 1.99 0.00
KCE_NY_1 323755	50.55 2.32 0.00	79.56 3.29 0.00	76.74 3.22 0.00	67.66 3.00 0.00	62.58 2.96 0.00	70.50 3.54 0.00	72.32 3.62 0.00	67.71 3.48 0.00	62.25 3.09 0.00	51.93 2.27 0.00	40.91 1.74 0.00	35.79 1.42 0.00	28.09 1.10 0.00	28.13 1.15 0.00	31.19 1.29 0.00	37.24 1.69 0.00	49.06 2.37 0.00	54.85 2.61 0.00	44.96 2.01 0.00	38.09 1.66 0.00	37.54 1.67 0.00	41.28 2.07 0.00	44.95 2.16 0.00	38.98 1.82 0.00
KCE_NY_6_ESR 323823	46.58 -1.65 0.00	72.31 -3.96 0.00	68.66 -4.87 0.00	60.03 -4.64 0.00	54.62 -5.00 0.00	44.10 -6.47 16.40	41.65 -6.78 20.26	38.12 -6.67 19.44	47.63 -6.18 5.35	44.96 -4.70 0.00	35.91 -3.27 0.00	31.32 -3.05 0.00	24.37 -2.62 0.00	24.23 -2.75 0.00	26.89 -3.01 0.00	32.22 -3.33 0.00	42.70 -3.99 0.00	47.95 -4.29 0.00	39.41 -3.54 0.00	32.92 -3.21 0.30	31.44 -3.00 1.43	35.85 -3.36 0.00	39.81 -2.98 0.00	34.91 -2.26 0.00
KEDC_PORT_JEFF_GT2 24210	51.49 3.26 0.00	79.98 3.70 0.00	76.36 2.84 0.00	67.42 2.76 0.00	63.01 3.40 0.00	70.86 3.89 0.00	73.18 4.48 0.00	68.85 4.62 0.00	63.02 3.86 0.00	53.66 4.00 0.00	42.67 3.49 0.00	37.26 2.89 0.00	29.35 2.36 0.00	29.52 2.54 0.00	32.92 3.03 0.00	48.14 3.52 -9.07	82.43 4.57 -31.16	61.75 4.44 -5.07	46.73 3.77 -0.01	43.30 3.36 -3.51	50.51 3.43 -11.21	45.30 3.56 -2.53	46.46 3.67 -0.01	39.93 2.76 0.00
KEDC_PORT_JEFF_GT3 24211	51.49 3.26 0.00	79.98 3.70 0.00	76.36 2.84 0.00	67.42 2.76 0.00	63.01 3.40 0.00	70.86 3.89 0.00	73.18 4.48 0.00	68.85 4.62 0.00	63.02 3.86 0.00	53.66 4.00 0.00	42.67 3.49 0.00	37.26 2.89 0.00	29.35 2.36 0.00	29.52 2.54 0.00	32.92 3.03 0.00	48.14 3.52 -9.07	82.43 4.57 -31.16	61.75 4.44 -5.07	46.73 3.77 -0.01	43.30 3.36 -3.51	50.51 3.43 -11.21	45.30 3.56 -2.53	46.46 3.67 -0.01	39.93 2.76 0.00
KEDC_GLWD_GT4 24219	50.78 2.56 0.00	79.41 3.13 0.00	76.17 2.65 0.00	67.27 2.61 0.00	62.61 3.00 0.00	70.36 3.39 0.00	72.55 3.86 0.00	68.44 4.21 0.00	63.27 4.11 0.00	53.54 3.88 0.00	42.35 3.17 0.00	36.97 2.60 0.00	29.06 2.07 0.00	29.17 2.19 0.00	32.57 2.67 0.00	53.02 3.06 -14.40	100.07 3.88 -49.49	64.40 4.11 -8.04	46.48 3.52 -0.01	45.00 3.00 -5.57	56.67 3.00 -17.81	46.31 3.08 -4.01	45.87 3.07 -0.01	39.46 2.30 0.00
KEDC_GLWD_GT5 24220	50.78 2.56 0.00	79.41 3.13 0.00	76.17 2.65 0.00	67.27 2.61 0.00	62.61 3.00 0.00	70.36 3.39 0.00	72.55 3.86 0.00	68.44 4.21 0.00	63.27 4.11 0.00	53.54 3.88 0.00	42.35 3.17 0.00	36.97 2.60 0.00	29.06 2.07 0.00	29.17 2.19 0.00	32.57 2.67 0.00	53.02 3.06 -14.40	100.07 3.88 -49.49	64.40 4.11 -8.04	46.48 3.52 -0.01	45.00 3.00 -5.57	56.67 3.00 -17.81	46.31 3.08 -4.01	45.87 3.07 -0.01	39.46 2.30 0.00
KENSICO____ 23655	50.20 1.98 0.00	78.52 2.24 0.00	75.48 1.96 0.00	66.65 1.99 0.00	61.92 2.31 0.00	69.60 2.64 0.00	71.75 3.06 0.00	67.68 3.45 0.00	62.64 3.48 0.00	52.85 3.19 0.00	41.94 2.77 0.00	36.68 2.31 0.00	28.77 1.78 0.00	28.88 1.90 0.00	32.14 2.25 0.00	38.08 2.53 0.00	49.91 3.22 0.00	55.69 3.45 0.00	45.96 3.01 0.00	38.97 2.54 0.00	38.39 2.52 0.00	41.78 2.57 0.00	45.36 2.57 0.00	39.06 1.90 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.76 2.53 0.00	79.54 3.27 0.00	76.47 2.94 0.00	67.52 2.86 0.00	62.66 3.05 0.00	70.51 3.54 0.00	72.73 4.04 0.00	68.58 4.35 0.00	63.39 4.22 0.00	53.17 3.52 0.00	42.08 2.90 0.00	36.68 2.31 0.00	28.70 1.70 0.00	28.81 1.83 0.00	32.15 2.26 0.00	38.24 2.69 0.00	50.38 3.68 0.00	56.35 4.11 0.00	46.49 3.54 0.00	39.41 2.98 0.00	38.79 2.93 0.00	42.20 2.99 0.00	45.75 2.96 0.00	39.35 2.19 0.00

KIAC_JFK_GT1 23816	50.29 2.07 0.00	78.38 2.11 0.00	75.67 2.15 0.00	66.87 2.21 0.00	62.38 2.76 0.00	70.11 3.14 0.00	72.07 3.38 0.00	68.09 3.86 0.00	63.22 4.06 0.00	53.01 3.35 0.00	42.27 3.09 0.00	37.07 2.70 0.00	28.99 2.00 0.00	29.07 2.09 0.00	32.48 2.58 0.00	38.38 2.83 0.00	50.34 3.65 0.00	56.11 3.86 0.00	46.32 3.38 0.00	39.23 2.79 0.00	38.71 2.84 0.00	42.21 3.00 0.00	45.75 2.96 0.00	39.26 2.10 0.00
KIAC_JFK_GT2 23817	50.29 2.07 0.00	78.38 2.11 0.00	75.67 2.15 0.00	66.87 2.21 0.00	62.38 2.76 0.00	70.11 3.14 0.00	72.07 3.38 0.00	68.09 3.86 0.00	63.22 4.06 0.00	53.01 3.35 0.00	42.27 3.09 0.00	37.07 2.70 0.00	28.99 2.00 0.00	29.07 2.09 0.00	32.48 2.58 0.00	38.38 2.83 0.00	50.34 3.65 0.00	56.11 3.86 0.00	46.32 3.38 0.00	39.23 2.79 0.00	38.71 2.84 0.00	42.21 3.00 0.00	45.75 2.96 0.00	39.26 2.10 0.00
KIAC_JFK____ 323774	50.30 2.07 0.00	78.38 2.11 0.00	75.67 2.15 0.00	66.87 2.21 0.00	62.37 2.76 0.00	70.10 3.13 0.00	72.05 3.36 0.00	68.09 3.86 0.00	63.21 4.05 0.00	53.02 3.36 0.00	42.27 3.09 0.00	37.08 2.70 0.00	28.99 2.00 0.00	29.08 2.09 0.00	32.48 2.58 0.00	38.38 2.83 0.00	50.34 3.65 0.00	56.10 3.86 0.00	46.33 3.38 0.00	39.23 2.79 0.00	38.72 2.85 0.00	42.21 3.00 0.00	45.75 2.97 0.00	39.25 2.09 0.00
KINTIGH__24_KV_GSU 356498	45.43 -2.80 0.00	70.79 -5.48 0.00	67.49 -6.03 0.00	59.16 -5.51 0.00	54.07 -5.55 0.00	51.00 -7.10 8.87	50.10 -7.55 11.05	46.28 -7.36 10.59	49.51 -6.76 2.89	44.44 -5.21 0.00	35.43 -3.75 0.00	30.98 -3.39 0.00	24.18 -2.81 0.00	24.06 -2.92 0.00	26.64 -3.25 0.00	31.83 -3.72 0.00	42.11 -4.58 0.00	47.30 -4.95 0.00	38.90 -4.05 0.00	32.69 -3.59 0.16	31.75 -3.38 0.73	35.43 -3.78 0.00	39.28 -3.51 0.00	34.48 -2.68 0.00
KINTIGH____ 23543	45.39 -2.83 0.00	70.75 -5.53 0.00	67.44 -6.09 0.00	59.13 -5.53 0.00	53.99 -5.62 0.00	50.89 -7.20 8.87	49.97 -7.68 11.05	46.15 -7.49 10.59	49.45 -6.83 2.89	44.44 -5.22 0.00	35.41 -3.77 0.00	30.96 -3.41 0.00	24.16 -2.83 0.00	24.04 -2.94 0.00	26.62 -3.27 0.00	31.81 -3.74 0.00	42.06 -4.63 0.00	47.27 -4.97 0.00	38.87 -4.08 0.00	32.68 -3.61 0.16	31.72 -3.42 0.73	35.40 -3.81 0.00	39.29 -3.50 0.00	34.45 -2.71 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	50.34 2.12 0.00	80.11 3.83 0.00	77.17 3.65 0.00	67.77 3.11 0.00	62.44 2.83 0.00	70.18 3.22 0.00	72.26 3.57 0.00	67.70 3.47 0.00	61.93 2.76 0.00	51.41 1.76 0.00	39.77 0.58 0.00	35.06 0.69 0.00	27.62 0.63 0.00	27.57 0.59 0.00	30.24 0.35 0.00	35.75 0.20 0.00	47.27 0.57 0.00	53.11 0.86 0.00	43.47 0.52 0.00	36.89 0.45 0.00	36.15 0.28 0.00	39.54 0.33 0.00	43.11 0.32 0.00	37.40 0.24 0.00
LACHUTE____HYDRO 323717	53.55 5.32 0.00	83.49 7.21 0.00	80.81 7.29 0.00	71.50 6.84 0.00	66.24 6.62 0.00	75.28 8.32 0.00	77.62 8.92 0.00	72.87 8.63 0.00	66.80 7.63 0.00	54.38 4.72 0.00	42.73 3.55 0.00	37.41 3.04 0.00	29.27 2.27 0.00	29.40 2.42 0.00	32.28 2.39 0.00	38.98 3.43 0.00	52.48 5.78 0.00	58.61 6.37 0.00	47.62 4.67 0.00	40.21 3.77 0.00	39.44 3.57 0.00	44.02 4.80 0.00	47.75 4.95 0.00	41.23 4.07 0.00
LAWRNCALV_115KV_TB1 80681	49.31 1.09 0.00	78.47 2.19 0.00	75.72 2.20 0.00	66.35 1.68 0.00	60.99 1.38 0.00	68.19 1.22 0.00	70.26 1.57 0.00	65.47 1.24 0.00	59.96 0.79 0.00	50.43 0.77 0.00	39.44 0.27 0.00	34.69 0.32 0.00	27.34 0.35 0.00	27.27 0.28 0.00	30.08 0.18 0.00	35.71 0.16 0.00	46.84 0.14 0.00	52.38 0.13 0.00	42.90 -0.04 0.00	36.40 -0.04 0.00	35.72 -0.15 0.00	39.21 0.00 0.00	43.27 0.48 0.00	37.81 0.65 0.00
LEDERLE____ 23769	50.13 1.91 0.00	78.48 2.21 0.00	75.43 1.91 0.00	66.61 1.94 0.00	61.83 2.22 0.00	69.47 2.51 0.00	71.62 2.93 0.00	67.58 3.35 0.00	62.59 3.43 0.00	52.76 3.10 0.00	41.91 2.73 0.00	36.64 2.27 0.00	28.71 1.72 0.00	28.82 1.84 0.00	32.07 2.18 0.00	38.01 2.46 0.00	49.84 3.14 0.00	55.69 3.44 0.00	45.95 3.00 0.00	38.96 2.53 0.00	38.38 2.51 0.00	41.80 2.60 0.00	45.36 2.57 0.00	39.06 1.90 0.00
LIGHTHSE_115KV_TB6 355974	47.70 -0.52 0.00	75.11 -1.17 0.00	72.22 -1.30 0.00	63.03 -1.64 0.00	58.01 -1.60 0.00	65.49 -1.48 0.00	67.79 -0.90 0.00	63.03 -1.20 0.00	57.70 -1.46 0.00	47.94 -1.71 0.00	37.54 -1.64 0.00	33.02 -1.35 0.00	25.90 -1.10 0.00	25.94 -1.04 0.00	29.00 -0.89 0.00	34.64 -0.91 0.00	45.48 -1.21 0.00	50.88 -1.36 0.00	41.70 -1.25 0.00	35.38 -1.06 0.00	34.81 -1.06 0.00	38.07 -1.15 0.00	41.58 -1.21 0.00	36.08 -1.08 0.00
LINDEN COGEN____ 23786	50.01 1.79 0.00	78.07 1.80 0.00	75.04 1.51 0.00	66.27 1.61 0.00	61.64 2.02 0.00	69.28 2.32 0.00	71.60 2.91 0.00	67.61 3.38 0.00	62.61 3.44 0.00	52.91 3.26 0.00	42.03 2.85 0.00	36.77 2.40 0.00	28.85 1.86 0.00	28.95 1.97 0.00	32.22 2.33 0.00	38.17 2.63 0.00	49.97 3.28 0.00	55.71 3.47 0.00	46.00 3.05 0.00	39.00 2.57 0.00	38.42 2.56 0.00	41.75 2.54 0.00	45.24 2.46 0.00	38.93 1.77 0.00
LINDHRST_69_KV_BK1 356055	51.52 3.30 0.00	80.32 4.05 0.00	76.90 3.37 0.00	67.89 3.23 0.00	63.34 3.72 0.00	71.20 4.24 0.00	73.49 4.80 0.00	69.24 5.01 0.00	63.84 4.68 0.00	54.17 4.51 0.00	42.83 3.65 0.00	37.34 2.97 0.00	29.35 2.36 0.00	29.55 2.57 0.00	32.97 3.08 0.00	49.15 3.61 -9.99	85.66 4.63 -34.34	62.65 4.82 -5.58	47.07 4.11 -0.01	43.89 3.59 -3.87	51.79 3.57 -12.36	45.75 3.75 -2.79	46.57 3.77 -0.01	40.00 2.84 0.00
LIPA_MISC_IPP 23656	51.71 3.49 0.00	80.38 4.11 0.00	76.84 3.32 0.00	67.87 3.21 0.00	63.45 3.84 0.00	71.38 4.42 0.00	73.77 5.08 0.00	69.47 5.24 0.00	63.83 4.67 0.00	54.11 4.45 0.00	42.65 3.47 0.00	37.23 2.86 0.00	29.37 2.37 0.00	29.48 2.51 0.00	32.93 3.04 0.00	48.08 3.49 -9.04	82.42 4.65 -31.07	61.83 4.53 -5.05	46.81 3.87 -0.01	43.41 3.48 -3.50	50.66 3.62 -11.18	45.46 3.73 -2.52	46.48 3.68 -0.01	39.97 2.81 0.00
LISF____SOLAR 323691	51.82 3.60 0.00	80.58 4.30 0.00	77.01 3.49 0.00	68.00 3.34 0.00	63.57 3.95 0.00	71.52 4.55 0.00	73.91 5.21 0.00	69.59 5.36 0.00	63.95 4.78 0.00	54.20 4.55 0.00	42.70 3.52 0.00	37.27 2.89 0.00	29.40 2.40 0.00	29.52 2.54 0.00	32.98 3.08 0.00	48.17 3.56 -9.05	82.56 4.76 -31.11	61.96 4.66 -5.06	46.94 3.98 -0.01	43.51 3.58 -3.50	50.78 3.72 -11.19	45.56 3.83 -2.52	46.60 3.80 -0.01	40.07 2.90 0.00
LITTLE FALLS____HYD 24013	51.37 3.15 0.00	80.90 4.62 0.00	77.86 4.33 0.00	68.60 3.94 0.00	63.49 3.88 0.00	71.80 4.84 0.00	73.23 4.53 0.00	68.52 4.29 0.00	62.53 3.36 0.00	51.39 1.74 0.00	40.14 0.96 0.00	34.96 0.59 0.00	27.41 0.42 0.00	27.30 0.32 0.00	30.58 0.69 0.00	37.01 1.46 0.00	49.23 2.54 0.00	55.20 2.96 0.00	45.48 2.53 0.00	38.56 2.12 0.00	37.96 2.09 0.00	41.73 2.51 0.00	45.24 2.45 0.00	39.00 1.84 0.00

LITTLRIV_115KV_TB1 356100	49.77 1.55 0.00	79.23 2.95 0.00	76.51 2.98 0.00	67.05 2.39 0.00	61.74 2.12 0.00	68.98 2.01 0.00	71.08 2.39 0.00	66.24 2.01 0.00	60.56 1.40 0.00	50.89 1.23 0.00	39.66 0.48 0.00	34.83 0.46 0.00	27.53 0.54 0.00	27.43 0.45 0.00	30.36 0.47 0.00	36.15 0.60 0.00	47.50 0.81 0.00	53.12 0.87 0.00	43.51 0.56 0.00	36.90 0.46 0.00	36.20 0.33 0.00	39.71 0.49 0.00	43.79 1.00 0.00	38.29 1.13 0.00
LI_NEWBRDGE___DRP 323616	50.64 2.42 0.00	79.23 2.95 0.00	75.89 2.37 0.00	67.04 2.38 0.00	62.50 2.89 0.00	70.22 3.25 0.00	72.36 3.67 0.00	68.21 3.98 0.00	62.96 3.80 0.00	53.43 3.77 0.00	42.28 3.10 0.00	36.85 2.47 0.00	28.97 1.98 0.00	29.15 2.16 0.00	32.48 2.59 0.00	47.00 2.96 -8.49	79.58 3.71 -29.18	60.79 3.80 -4.74	46.23 3.28 -0.01	42.56 2.84 -3.29	49.21 2.85 -10.50	44.53 2.95 -2.37	45.74 2.94 0.00	39.35 2.18 0.00
LOCKPORT_115KV_TB60_63_64 80432	45.41 -2.81 0.00	70.52 -5.75 0.00	66.99 -6.53 0.00	58.68 -5.98 0.00	53.43 -6.19 0.00	46.81 -7.84 12.32	45.17 -8.45 15.07	41.44 -8.31 14.47	47.31 -7.84 4.02	43.62 -6.04 0.00	34.97 -4.21 0.00	30.62 -3.75 0.00	23.83 -3.17 0.00	23.63 -3.35 0.00	26.11 -3.78 0.00	31.27 -4.28 0.00	41.50 -5.19 0.00	46.72 -5.52 0.00	38.40 -4.54 0.00	32.17 -4.04 0.22	31.08 -3.75 1.04	34.98 -4.24 0.00	39.04 -3.75 0.00	34.42 -2.74 0.00
LOCKPORT___CC1 323769	45.27 -2.95 0.00	70.29 -5.98 0.00	66.79 -6.74 0.00	58.47 -6.20 0.00	53.25 -6.36 0.00	45.66 -8.02 13.29	43.81 -8.57 16.31	40.17 -8.41 15.66	46.86 -7.97 4.33	43.45 -6.21 0.00	34.92 -4.25 0.00	30.58 -3.79 0.00	23.82 -3.18 0.00	23.62 -3.36 0.00	26.11 -3.78 0.00	31.25 -4.30 0.00	41.49 -5.20 0.00	46.67 -5.57 0.00	38.37 -4.58 0.00	32.13 -4.06 0.24	30.97 -3.77 1.13	34.95 -4.26 0.00	38.97 -3.82 0.00	34.37 -2.79 0.00
LOCKPORT___CC2 323770	45.27 -2.95 0.00	70.29 -5.98 0.00	66.79 -6.74 0.00	58.47 -6.20 0.00	53.25 -6.36 0.00	45.66 -8.02 13.29	43.81 -8.57 16.31	40.17 -8.41 15.66	46.86 -7.97 4.33	43.45 -6.21 0.00	34.92 -4.25 0.00	30.58 -3.79 0.00	23.82 -3.18 0.00	23.62 -3.36 0.00	26.11 -3.78 0.00	31.25 -4.30 0.00	41.49 -5.20 0.00	46.67 -5.57 0.00	38.37 -4.58 0.00	32.13 -4.06 0.24	30.97 -3.77 1.13	34.95 -4.26 0.00	38.97 -3.82 0.00	34.37 -2.79 0.00
LOCKPORT___CC3 323771	45.27 -2.95 0.00	70.29 -5.98 0.00	66.79 -6.74 0.00	58.47 -6.20 0.00	53.25 -6.36 0.00	45.66 -8.02 13.29	43.81 -8.57 16.31	40.17 -8.41 15.66	46.86 -7.97 4.33	43.45 -6.21 0.00	34.92 -4.25 0.00	30.58 -3.79 0.00	23.82 -3.18 0.00	23.62 -3.36 0.00	26.11 -3.78 0.00	31.25 -4.30 0.00	41.49 -5.20 0.00	46.67 -5.57 0.00	38.37 -4.58 0.00	32.13 -4.06 0.24	30.97 -3.77 1.13	34.95 -4.26 0.00	38.97 -3.82 0.00	34.37 -2.79 0.00
LOCUSVLY_69_KV_BK2 55797	51.02 2.80 0.00	79.72 3.45 0.00	76.43 2.91 0.00	67.48 2.82 0.00	62.89 3.28 0.00	70.65 3.69 0.00	72.84 4.14 0.00	68.68 4.45 0.00	63.46 4.30 0.00	53.78 4.12 0.00	42.58 3.41 0.00	37.16 2.79 0.00	29.20 2.21 0.00	29.36 2.38 0.00	32.74 2.84 0.00	51.80 3.27 -12.98	95.42 4.14 -44.59	63.84 4.34 -7.25	46.67 3.71 -0.01	44.63 3.17 -5.02	55.08 3.17 -16.04	46.13 3.30 -3.62	46.09 3.30 -0.01	39.65 2.48 0.00
LONG_LAKE_PHOENIX 24014	46.68 -1.54 0.00	73.54 -2.74 0.00	70.69 -2.83 0.00	62.12 -2.54 0.00	57.25 -2.36 0.00	64.32 -2.65 0.00	66.11 -2.58 0.00	61.85 -2.38 0.00	56.99 -2.18 0.00	47.73 -1.93 0.00	37.66 -1.53 0.00	33.05 -1.32 0.00	25.93 -1.06 0.00	25.94 -1.04 0.00	28.84 -1.05 0.00	34.37 -1.18 0.00	45.14 -1.55 0.00	50.52 -1.73 0.00	41.55 -1.40 0.00	35.29 -1.15 0.00	34.73 -1.14 0.00	37.88 -1.33 0.00	41.32 -1.47 0.00	35.88 -1.28 0.00
LOVETT___3 23632	49.82 1.60 0.00	78.03 1.75 0.00	75.04 1.52 0.00	66.24 1.58 0.00	61.53 1.91 0.00	69.12 2.15 0.00	71.22 2.53 0.00	67.17 2.94 0.00	62.20 3.04 0.00	52.46 2.80 0.00	41.65 2.47 0.00	36.42 2.05 0.00	28.56 1.56 0.00	28.66 1.68 0.00	31.89 2.00 0.00	37.77 2.22 0.00	49.51 2.82 0.00	55.32 3.07 0.00	45.64 2.70 0.00	38.71 2.27 0.00	38.13 2.26 0.00	41.55 2.34 0.00	45.10 2.31 0.00	38.85 1.69 0.00
LOVETT___4 23642	49.82 1.60 0.00	78.03 1.75 0.00	75.04 1.52 0.00	66.24 1.58 0.00	61.53 1.91 0.00	69.12 2.15 0.00	71.22 2.53 0.00	67.17 2.94 0.00	62.20 3.04 0.00	52.46 2.80 0.00	41.65 2.47 0.00	36.42 2.05 0.00	28.56 1.56 0.00	28.66 1.68 0.00	31.89 2.00 0.00	37.77 2.22 0.00	49.51 2.82 0.00	55.32 3.07 0.00	45.64 2.70 0.00	38.71 2.27 0.00	38.13 2.26 0.00	41.55 2.34 0.00	45.10 2.31 0.00	38.85 1.69 0.00
LOVETT___5 23593	49.82 1.60 0.00	78.03 1.75 0.00	75.04 1.52 0.00	66.24 1.58 0.00	61.53 1.91 0.00	69.12 2.15 0.00	71.22 2.53 0.00	67.17 2.94 0.00	62.20 3.04 0.00	52.46 2.80 0.00	41.65 2.47 0.00	36.42 2.05 0.00	28.56 1.56 0.00	28.66 1.68 0.00	31.89 2.00 0.00	37.77 2.22 0.00	49.51 2.82 0.00	55.32 3.07 0.00	45.64 2.70 0.00	38.71 2.27 0.00	38.13 2.26 0.00	41.55 2.34 0.00	45.10 2.31 0.00	38.85 1.69 0.00
LOWER RAQUET___HYD 24057	49.26 1.04 0.00	78.39 2.12 0.00	75.65 2.13 0.00	66.24 1.58 0.00	60.92 1.31 0.00	68.07 1.10 0.00	70.18 1.49 0.00	65.37 1.14 0.00	59.81 0.64 0.00	50.31 0.65 0.00	39.31 0.13 0.00	34.57 0.19 0.00	27.27 0.27 0.00	27.19 0.21 0.00	29.99 0.10 0.00	35.61 0.06 0.00	46.67 -0.02 0.00	52.17 -0.07 0.00	42.73 -0.22 0.00	36.25 -0.19 0.00	35.56 -0.31 0.00	39.07 -0.14 0.00	43.19 0.40 0.00	37.77 0.60 0.00
LOWER___HUDSON 24059	49.95 1.72 0.00	78.58 2.30 0.00	75.89 2.37 0.00	66.93 2.27 0.00	61.87 2.25 0.00	69.63 2.66 0.00	71.18 2.49 0.00	66.55 2.32 0.00	61.34 2.17 0.00	51.39 1.74 0.00	40.55 1.37 0.00	35.52 1.14 0.00	27.88 0.89 0.00	27.92 0.93 0.00	30.84 0.95 0.00	36.67 1.12 0.00	48.17 1.48 0.00	53.87 1.63 0.00	44.16 1.21 0.00	37.46 1.02 0.00	36.94 1.07 0.00	40.68 1.47 0.00	44.37 1.58 0.00	38.56 1.40 0.00
LOWVILLE_115KV_TB2 356335	49.62 1.40 0.00	78.25 1.97 0.00	75.36 1.84 0.00	65.19 0.53 0.00	60.03 0.42 0.00	68.41 1.44 0.00	71.26 2.57 0.00	65.60 1.37 0.00	59.49 0.32 0.00	48.90 -0.76 0.00	37.93 -1.25 0.00	33.18 -1.20 0.00	25.91 -1.09 0.00	26.00 -0.98 0.00	29.11 -0.78 0.00	35.14 -0.41 0.00	45.99 -0.70 0.00	51.53 -0.72 0.00	42.19 -0.76 0.00	35.69 -0.75 0.00	35.06 -0.81 0.00	38.30 -0.91 0.00	41.93 -0.87 0.00	36.37 -0.80 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	50.55 2.32 0.00	79.52 3.24 0.00	76.74 3.22 0.00	67.67 3.01 0.00	62.58 2.97 0.00	70.51 3.54 0.00	72.29 3.60 0.00	67.65 3.41 0.00	62.23 3.07 0.00	51.93 2.27 0.00	40.91 1.74 0.00	35.80 1.42 0.00	28.09 1.09 0.00	28.13 1.15 0.00	31.17 1.27 0.00	37.18 1.63 0.00	49.01 2.32 0.00	54.81 2.57 0.00	44.93 1.99 0.00	38.08 1.65 0.00	37.52 1.65 0.00	41.26 2.05 0.00	44.93 2.14 0.00	38.97 1.81 0.00

LUTHERNY_35_KV_BK2 355980	50.55 2.32 0.00	79.56 3.29 0.00	76.74 3.22 0.00	67.65 2.99 0.00	62.58 2.96 0.00	70.51 3.54 0.00	72.32 3.63 0.00	67.70 3.47 0.00	62.25 3.09 0.00	51.93 2.27 0.00	40.91 1.74 0.00	35.79 1.42 0.00	28.09 1.10 0.00	28.13 1.15 0.00	31.19 1.29 0.00	37.24 1.69 0.00	49.06 2.37 0.00	54.85 2.61 0.00	44.96 2.01 0.00	38.09 1.66 0.00	37.55 1.67 0.00	41.28 2.07 0.00	44.96 2.16 0.00	38.98 1.82 0.00
LWR___OSWEGATCHIE_HYD 23850	49.18 0.96 0.00	77.93 1.65 0.00	75.12 1.60 0.00	65.37 0.71 0.00	60.16 0.55 0.00	67.83 0.87 0.00	70.38 1.69 0.00	65.19 0.96 0.00	59.36 0.19 0.00	49.39 -0.27 0.00	38.39 -0.79 0.00	33.71 -0.66 0.00	26.47 -0.52 0.00	26.49 -0.50 0.00	29.48 -0.41 0.00	35.24 -0.32 0.00	46.05 -0.64 0.00	51.55 -0.70 0.00	42.19 -0.76 0.00	35.74 -0.69 0.00	35.09 -0.78 0.00	38.46 -0.75 0.00	42.45 -0.34 0.00	36.97 -0.19 0.00
LYONS_FALL_HYD 23570	49.55 1.33 0.00	78.12 1.85 0.00	75.26 1.74 0.00	65.51 0.85 0.00	60.39 0.77 0.00	68.55 1.59 0.00	71.07 2.38 0.00	65.82 1.59 0.00	59.97 0.81 0.00	49.61 -0.05 0.00	38.70 -0.48 0.00	33.87 -0.50 0.00	26.49 -0.50 0.00	26.54 -0.44 0.00	29.64 -0.25 0.00	35.64 0.08 0.00	46.78 0.08 0.00	52.41 0.16 0.00	42.97 0.02 0.00	36.37 -0.06 0.00	35.74 -0.12 0.00	39.06 -0.15 0.00	42.66 -0.13 0.00	36.96 -0.20 0.00
MADISON___COUNTY_LFGE 323628	49.47 1.25 0.00	77.89 1.62 0.00	75.04 1.52 0.00	65.94 1.28 0.00	60.86 1.25 0.00	68.74 1.77 0.00	70.82 2.13 0.00	66.18 1.95 0.00	60.64 1.48 0.00	50.45 0.79 0.00	39.56 0.39 0.00	34.63 0.25 0.00	27.11 0.11 0.00	27.11 0.13 0.00	30.20 0.30 0.00	36.18 0.63 0.00	47.83 1.14 0.00	53.57 1.33 0.00	44.04 1.10 0.00	37.25 0.81 0.00	36.63 0.76 0.00	39.97 0.76 0.00	43.57 0.78 0.00	37.70 0.54 0.00
MALONE___115KV_TB1 356076	49.84 1.62 0.00	79.43 3.15 0.00	76.58 3.06 0.00	67.23 2.57 0.00	61.96 2.34 0.00	69.45 2.49 0.00	71.52 2.83 0.00	66.91 2.68 0.00	61.14 1.97 0.00	51.13 1.47 0.00	39.77 0.59 0.00	35.11 0.74 0.00	27.67 0.68 0.00	27.51 0.53 0.00	30.13 0.23 0.00	35.68 0.13 0.00	46.96 0.26 0.00	52.60 0.35 0.00	43.06 0.11 0.00	36.54 0.10 0.00	35.81 -0.05 0.00	39.22 0.01 0.00	42.95 0.16 0.00	37.41 0.25 0.00
MAPLEWOD_115KV_TB3 80458	49.93 1.70 0.00	78.59 2.32 0.00	75.88 2.36 0.00	66.88 2.22 0.00	61.85 2.23 0.00	69.52 2.56 0.00	70.91 2.22 0.00	66.18 1.94 0.00	61.03 1.87 0.00	51.20 1.54 0.00	40.35 1.18 0.00	35.37 1.00 0.00	27.79 0.80 0.00	27.84 0.86 0.00	30.81 0.92 0.00	36.64 1.08 0.00	48.03 1.33 0.00	53.71 1.46 0.00	44.10 1.15 0.00	37.39 0.95 0.00	36.86 0.99 0.00	40.49 1.28 0.00	44.26 1.47 0.00	38.57 1.40 0.00
MAPLE_RIDGE_WT_1 323574	48.33 0.10 0.00	76.66 0.38 0.00	73.89 0.36 0.00	63.85 -0.81 0.00	58.21 -1.41 0.00	66.04 -0.92 0.00	68.08 -0.61 0.00	63.21 -1.02 0.00	57.86 -1.30 0.00	48.46 -1.20 0.00	38.05 -1.13 0.00	33.42 -0.95 0.00	26.27 -0.73 0.00	26.21 -0.77 0.00	29.00 -0.89 0.00	34.48 -1.07 0.00	45.34 -1.35 0.00	50.72 -1.52 0.00	41.64 -1.30 0.00	35.33 -1.11 0.00	34.75 -1.12 0.00	38.02 -1.19 0.00	41.51 -1.28 0.00	36.07 -1.09 0.00
MAPLE_RIDGE_WT_2 323611	48.33 0.10 0.00	76.66 0.38 0.00	73.89 0.36 0.00	63.85 -0.81 0.00	58.21 -1.41 0.00	66.04 -0.92 0.00	68.08 -0.61 0.00	63.21 -1.02 0.00	57.86 -1.30 0.00	48.46 -1.20 0.00	38.05 -1.13 0.00	33.42 -0.95 0.00	26.27 -0.73 0.00	26.21 -0.77 0.00	29.00 -0.89 0.00	34.48 -1.07 0.00	45.34 -1.35 0.00	50.72 -1.52 0.00	41.64 -1.30 0.00	35.33 -1.11 0.00	34.75 -1.12 0.00	38.02 -1.19 0.00	41.51 -1.28 0.00	36.07 -1.09 0.00
MARBLE_RIVER_WT_PWR 323696	49.00 0.77 0.00	78.12 1.84 0.00	75.38 1.85 0.00	66.22 1.56 0.00	61.01 1.39 0.00	68.44 1.47 0.00	70.30 1.61 0.00	65.73 1.50 0.00	60.09 0.93 0.00	50.18 0.52 0.00	39.12 -0.06 0.00	34.55 0.17 0.00	27.25 0.25 0.00	27.06 0.08 0.00	29.67 -0.22 0.00	35.07 -0.48 0.00	46.08 -0.61 0.00	51.55 -0.70 0.00	42.21 -0.73 0.00	35.82 -0.62 0.00	35.13 -0.73 0.00	38.51 -0.71 0.00	42.06 -0.73 0.00	36.61 -0.56 0.00
MARSHVLE_115KV_TB1 80742	49.07 0.85 0.00	77.54 1.26 0.00	74.73 1.21 0.00	65.48 0.82 0.00	60.34 0.72 0.00	68.19 1.23 0.00	70.08 1.39 0.00	65.55 1.32 0.00	59.87 0.70 0.00	49.60 -0.05 0.00	39.05 -0.13 0.00	34.24 -0.13 0.00	26.88 -0.11 0.00	26.62 -0.36 0.00	29.73 -0.17 0.00	35.68 0.13 0.00	47.38 0.68 0.00	53.28 1.03 0.00	43.83 0.89 0.00	37.14 0.70 0.00	36.48 0.62 0.00	39.87 0.66 0.00	43.31 0.52 0.00	37.47 0.31 0.00
MARSH_HILL_WT_PWR 323713	47.30 -0.92 0.00	73.12 -3.15 0.00	69.11 -4.41 0.00	60.07 -4.60 0.00	53.82 -5.80 -0.01	121.27 -8.03 -62.33	138.14 -7.88 -77.33	131.28 -7.11 -74.15	72.92 -6.62 -20.38	43.84 -5.82 0.00	34.90 -4.28 0.00	30.20 -4.17 0.00	23.52 -3.48 0.00	23.77 -3.32 -0.11	26.48 -3.54 -0.12	31.73 -3.82 0.00	42.12 -4.58 0.00	47.13 -5.11 0.00	38.74 -4.20 0.00	33.86 -3.62 -1.04	37.23 -3.50 0.00	35.22 -3.99 -4.86	38.65 -4.15 0.00	33.59 -3.57 0.00
MCINTYRE_115KV_TB2 80467	50.15 1.93 0.00	79.82 3.55 0.00	77.12 3.59 0.00	67.64 2.97 0.00	62.28 2.66 0.00	69.67 2.71 0.00	71.76 3.07 0.00	66.90 2.67 0.00	61.17 2.01 0.00	51.34 1.69 0.00	40.00 0.83 0.00	35.08 0.70 0.00	27.76 0.76 0.00	27.62 0.64 0.00	30.65 0.76 0.00	36.56 1.01 0.00	48.17 1.47 0.00	53.91 1.67 0.00	44.17 1.22 0.00	37.46 1.02 0.00	36.73 0.87 0.00	40.24 1.03 0.00	44.25 1.46 0.00	38.62 1.46 0.00
MECO_____69_KV_BK1 80468	50.37 2.15 0.00	79.45 3.17 0.00	76.58 3.06 0.00	67.26 2.59 0.00	62.07 2.46 0.00	70.18 3.21 0.00	72.21 3.52 0.00	67.62 3.39 0.00	61.73 2.57 0.00	50.78 1.12 0.00	39.81 0.63 0.00	34.76 0.39 0.00	27.23 0.24 0.00	27.07 0.09 0.00	30.33 0.44 0.00	36.59 1.04 0.00	48.94 2.25 0.00	55.06 2.81 0.00	45.26 2.32 0.00	38.35 1.92 0.00	37.69 1.82 0.00	41.13 1.92 0.00	44.67 1.87 0.00	38.63 1.47 0.00
MENANDS___115KV_TB5 355628	49.79 1.56 0.00	78.40 2.12 0.00	75.71 2.18 0.00	66.72 2.06 0.00	61.71 2.09 0.00	69.33 2.36 0.00	70.59 1.90 0.00	65.80 1.56 0.00	60.71 1.54 0.00	50.96 1.31 0.00	40.17 0.99 0.00	35.24 0.87 0.00	27.70 0.71 0.00	27.74 0.76 0.00	30.70 0.80 0.00	36.46 0.91 0.00	47.74 1.05 0.00	53.39 1.15 0.00	43.85 0.90 0.00	37.17 0.73 0.00	36.65 0.78 0.00	40.26 1.05 0.00	44.08 1.29 0.00	38.46 1.30 0.00
MG INDUSTRY___DRP 24185	49.66 1.44 0.00	78.31 2.04 0.00	75.57 2.05 0.00	66.62 1.96 0.00	61.58 1.96 0.00	69.19 2.22 0.00	70.49 1.80 0.00	65.71 1.48 0.00	60.48 1.32 0.00	50.66 1.00 0.00	39.92 0.74 0.00	35.01 0.64 0.00	27.51 0.52 0.00	27.53 0.55 0.00	30.51 0.62 0.00	36.33 0.78 0.00	47.68 0.99 0.00	53.33 1.08 0.00	43.81 0.86 0.00	37.14 0.71 0.00	36.60 0.74 0.00	40.16 0.95 0.00	43.92 1.13 0.00	38.27 1.11 0.00

MID___OSWEGATCHIE_HYD 23849	49.18 0.96 0.00	77.93 1.65 0.00	75.12 1.60 0.00	65.37 0.71 0.00	60.16 0.55 0.00	67.83 0.87 0.00	70.38 1.69 0.00	65.19 0.96 0.00	59.36 0.19 0.00	49.39 -0.27 0.00	38.39 -0.79 0.00	33.71 -0.66 0.00	26.47 -0.52 0.00	26.49 -0.50 0.00	29.48 -0.41 0.00	35.24 -0.32 0.00	46.05 -0.64 0.00	51.55 -0.70 0.00	42.19 -0.76 0.00	35.74 -0.69 0.00	35.09 -0.78 0.00	38.46 -0.75 0.00	42.45 -0.34 0.00	36.97 -0.19 0.00
MID___RAQUETTE_HYD 23851	49.26 1.04 0.00	78.39 2.12 0.00	75.65 2.13 0.00	66.24 1.58 0.00	60.92 1.31 0.00	68.07 1.10 0.00	70.17 1.48 0.00	65.37 1.14 0.00	59.81 0.64 0.00	50.31 0.65 0.00	39.31 0.13 0.00	34.56 0.19 0.00	27.27 0.27 0.00	27.19 0.21 0.00	29.99 0.10 0.00	35.61 0.06 0.00	46.67 -0.02 0.00	52.17 -0.07 0.00	42.73 -0.22 0.00	36.25 -0.19 0.00	35.56 -0.30 0.00	39.07 -0.14 0.00	43.19 0.40 0.00	37.77 0.61 0.00
MILLIKEN___1 23584	48.56 0.34 0.00	76.41 0.14 0.00	73.22 -0.30 0.00	64.34 -0.32 0.00	59.19 -0.42 0.00	71.96 -0.51 -5.51	75.22 -0.30 -6.83	70.64 -0.14 -6.55	60.81 -0.17 -1.82	49.13 -0.53 0.00	38.64 -0.54 0.00	33.73 -0.64 0.00	26.40 -0.59 0.00	26.44 -0.54 0.00	29.45 -0.45 0.00	35.41 -0.14 0.00	46.77 0.07 0.00	52.39 0.14 0.00	43.12 0.17 0.00	36.64 0.13 -0.07	36.34 0.12 -0.35	39.19 -0.02 0.00	42.73 -0.07 0.00	37.01 -0.15 0.00
MILLIKEN___2 23585	48.56 0.34 0.00	76.41 0.14 0.00	73.22 -0.30 0.00	64.34 -0.32 0.00	59.19 -0.42 0.00	71.96 -0.51 -5.51	75.22 -0.30 -6.83	70.64 -0.14 -6.55	60.81 -0.17 -1.82	49.13 -0.53 0.00	38.64 -0.54 0.00	33.73 -0.64 0.00	26.40 -0.59 0.00	26.44 -0.54 0.00	29.45 -0.45 0.00	35.41 -0.14 0.00	46.77 0.07 0.00	52.39 0.14 0.00	43.12 0.17 0.00	36.64 0.13 -0.07	36.34 0.12 -0.35	39.19 -0.02 0.00	42.73 -0.07 0.00	37.01 -0.15 0.00
MILLIKEN___DIESEL 23629	48.56 0.34 0.00	76.41 0.14 0.00	73.22 -0.30 0.00	64.34 -0.32 0.00	59.19 -0.42 0.00	71.96 -0.51 -5.51	75.22 -0.30 -6.83	70.64 -0.14 -6.55	60.81 -0.17 -1.82	49.13 -0.53 0.00	38.64 -0.54 0.00	33.73 -0.64 0.00	26.40 -0.59 0.00	26.44 -0.54 0.00	29.45 -0.45 0.00	35.41 -0.14 0.00	46.77 0.07 0.00	52.39 0.14 0.00	43.12 0.17 0.00	36.64 0.13 -0.07	36.34 0.12 -0.35	39.19 -0.02 0.00	42.73 -0.07 0.00	37.01 -0.15 0.00
MILLSEAT___LFGE 323607	46.42 -1.80 0.00	72.19 -4.08 0.00	68.66 -4.87 0.00	60.17 -4.49 0.00	54.97 -4.65 0.00	50.74 -5.87 10.35	49.90 -6.13 12.66	46.10 -5.97 12.16	50.01 -5.79 3.37	45.07 -4.58 0.00	35.84 -3.34 0.00	31.46 -2.91 0.00	24.40 -2.59 0.00	24.26 -2.73 0.00	26.89 -3.00 0.00	32.19 -3.36 0.00	43.03 -3.66 0.00	48.44 -3.81 0.00	39.83 -3.12 0.00	33.41 -2.84 0.18	32.38 -2.62 0.86	36.14 -3.07 0.00	40.13 -2.66 0.00	35.25 -1.91 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.08 1.85 0.00	78.35 2.08 0.00	75.34 1.81 0.00	66.54 1.88 0.00	61.78 2.17 0.00	69.43 2.46 0.00	71.55 2.86 0.00	67.48 3.25 0.00	62.45 3.29 0.00	52.67 3.01 0.00	41.80 2.62 0.00	36.55 2.18 0.00	28.67 1.68 0.00	28.77 1.79 0.00	32.02 2.13 0.00	37.94 2.39 0.00	49.74 3.05 0.00	55.55 3.30 0.00	45.83 2.88 0.00	38.86 2.42 0.00	38.28 2.41 0.00	41.69 2.48 0.00	45.25 2.46 0.00	38.97 1.81 0.00
MILLWOOD_13_KV_LOAD 356217	50.18 1.96 0.00	78.54 2.27 0.00	75.50 1.98 0.00	66.67 2.01 0.00	61.92 2.30 0.00	69.59 2.63 0.00	71.72 3.02 0.00	67.65 3.42 0.00	62.62 3.46 0.00	52.81 3.15 0.00	41.91 2.73 0.00	36.64 2.27 0.00	28.73 1.74 0.00	28.84 1.86 0.00	32.10 2.20 0.00	38.03 2.48 0.00	49.88 3.19 0.00	55.70 3.46 0.00	45.96 3.01 0.00	38.97 2.54 0.00	38.39 2.52 0.00	41.79 2.58 0.00	45.36 2.57 0.00	39.06 1.90 0.00
MODEL_CITY_ENERGY 24167	45.08 -3.14 0.00	69.98 -6.29 0.00	66.50 -7.03 0.00	58.23 -6.44 0.00	53.05 -6.57 0.00	45.93 -8.17 12.87	44.29 -8.77 15.63	40.56 -8.65 15.02	46.61 -8.36 4.19	43.13 -6.53 0.00	34.59 -4.59 0.00	30.26 -4.12 0.00	23.58 -3.42 0.00	23.37 -3.61 0.00	25.80 -4.09 0.00	30.84 -4.71 0.00	40.95 -5.74 0.00	46.07 -6.18 0.00	37.89 -5.06 0.00	31.73 -4.48 0.23	30.64 -4.13 1.10	34.52 -4.69 0.00	38.55 -4.24 0.00	34.09 -3.07 0.00
MODERN_LFGE___ 323580	45.08 -3.14 0.00	69.98 -6.29 0.00	66.50 -7.03 0.00	58.23 -6.44 0.00	53.05 -6.57 0.00	45.93 -8.17 12.87	44.29 -8.77 15.63	40.56 -8.65 15.02	46.61 -8.36 4.19	43.13 -6.53 0.00	34.59 -4.59 0.00	30.26 -4.12 0.00	23.58 -3.42 0.00	23.37 -3.61 0.00	25.80 -4.09 0.00	30.84 -4.71 0.00	40.95 -5.74 0.00	46.07 -6.18 0.00	37.89 -5.06 0.00	31.73 -4.48 0.23	30.64 -4.13 1.10	34.52 -4.69 0.00	38.55 -4.24 0.00	34.09 -3.07 0.00
MOHAWK_PAPER___DRP 24187	49.93 1.70 0.00	78.59 2.32 0.00	75.88 2.36 0.00	66.88 2.22 0.00	61.85 2.23 0.00	69.52 2.56 0.00	70.91 2.22 0.00	66.18 1.94 0.00	61.03 1.87 0.00	51.20 1.54 0.00	40.35 1.18 0.00	35.37 1.00 0.00	27.79 0.80 0.00	27.84 0.86 0.00	30.81 0.92 0.00	36.64 1.08 0.00	48.03 1.33 0.00	53.71 1.46 0.00	44.10 1.15 0.00	37.39 0.95 0.00	36.86 0.99 0.00	40.49 1.28 0.00	44.26 1.47 0.00	38.57 1.40 0.00
MOHICAN___35_KV_115KV_LD 80490	51.13 2.91 0.00	80.18 3.90 0.00	77.51 3.99 0.00	68.43 3.76 0.00	63.32 3.70 0.00	71.54 4.57 0.00	73.44 4.74 0.00	68.80 4.57 0.00	63.24 4.08 0.00	52.46 2.80 0.00	41.28 2.10 0.00	36.09 1.72 0.00	28.29 1.30 0.00	28.32 1.34 0.00	31.35 1.45 0.00	37.49 1.95 0.00	49.68 2.98 0.00	55.55 3.30 0.00	45.43 2.48 0.00	38.46 2.03 0.00	37.88 2.01 0.00	41.83 2.62 0.00	45.49 2.70 0.00	39.40 2.24 0.00
MONGAUP___HYD 23641	50.40 2.18 0.00	79.06 2.79 0.00	75.99 2.46 0.00	67.04 2.38 0.00	62.13 2.52 0.00	69.89 2.93 0.00	72.01 3.32 0.00	67.78 3.55 0.00	62.56 3.39 0.00	52.27 2.61 0.00	41.17 1.99 0.00	35.85 1.47 0.00	28.14 1.15 0.00	28.26 1.28 0.00	31.43 1.54 0.00	37.60 2.04 0.00	49.68 2.99 0.00	55.64 3.40 0.00	45.90 2.95 0.00	38.94 2.50 0.00	38.34 2.48 0.00	41.76 2.55 0.00	45.33 2.54 0.00	39.04 1.88 0.00
MONTAUK___DIESEL 23721	53.24 5.02 0.00	82.79 6.51 0.00	79.18 5.65 0.00	70.15 5.49 0.00	65.81 6.19 0.00	74.15 7.18 0.00	76.72 8.03 0.00	72.34 8.11 0.00	66.42 7.25 0.00	56.08 6.42 0.00	43.95 4.77 0.00	38.24 3.87 0.00	30.05 3.06 0.00	30.15 3.17 0.00	33.71 3.81 0.00	49.11 4.51 -9.05	84.03 6.25 -31.09	63.63 6.33 -5.05	48.30 5.34 -0.01	44.64 4.71 -3.50	51.90 4.85 -11.19	46.70 4.97 -2.52	47.57 4.77 -0.01	40.84 3.67 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	46.49 -1.73 0.00	72.38 -3.89 0.00	67.57 -5.96 0.00	58.42 -6.24 0.00	53.20 -6.42 0.00	48.54 -7.58 10.85	47.71 -7.58 13.40	43.95 -7.42 12.86	49.47 -6.16 3.53	44.63 -5.03 0.00	35.50 -3.68 0.00	30.72 -3.66 0.00	23.79 -3.20 0.00	21.75 -3.20 2.04	24.14 -3.48 2.27	32.15 -3.40 0.00	42.06 -4.63 0.00	47.10 -5.15 0.00	38.89 -4.06 0.23	32.64 -3.57 1.06	31.26 -3.55 1.06	35.51 -3.70 0.00	39.34 -3.45 0.00	34.29 -2.87 0.00

MORRIS_RIDGE___SOLAR 323848	46.40 -1.82 0.00	72.09 -4.19 0.00	68.21 -5.31 0.00	59.40 -5.26 0.00	53.81 -5.80 0.01	-21.22 -7.37 80.82	-38.80 -7.25 100.25	-38.62 -6.71 96.14	26.60 -6.22 26.35	44.39 -5.27 0.00	35.49 -3.69 0.00	30.79 -3.59 0.00	24.00 -2.99 0.00	24.09 -2.90 0.00	26.82 -3.08 0.00	32.21 -3.34 0.00	42.56 -4.13 0.00	47.64 -4.60 0.00	39.14 -3.81 0.00	31.59 -3.35 1.49	25.64 -3.23 6.99	35.62 -3.60 0.00	39.15 -3.65 0.00	34.11 -3.05 0.00
MORTIMER_115KV_TB3 55949	46.58 -1.64 0.00	72.87 -3.41 0.00	69.68 -3.85 0.00	61.16 -3.51 0.00	56.10 -3.52 0.00	62.49 -4.48 0.00	64.13 -4.58 -0.02	59.89 -4.36 -0.01	55.20 -3.96 0.00	46.59 -3.07 0.00	36.90 -2.27 0.00	32.33 -2.04 0.00	25.24 -1.76 0.00	25.16 -1.82 0.00	27.89 -2.00 0.00	33.39 -2.16 0.00	44.16 -2.54 0.00	49.58 -2.67 0.00	40.76 -2.19 0.00	34.46 -1.97 0.00	33.97 -1.89 0.00	37.02 -2.19 0.00	40.76 -2.03 0.00	35.58 -1.58 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.33 2.11 0.00	78.62 2.34 0.00	75.60 2.07 0.00	66.77 2.11 0.00	62.08 2.46 0.00	69.80 2.83 0.00	72.02 3.33 0.00	68.00 3.77 0.00	62.96 3.79 0.00	53.15 3.49 0.00	42.20 3.02 0.00	36.92 2.54 0.00	28.96 1.97 0.00	29.07 2.09 0.00	32.37 2.47 0.00	38.33 2.78 0.00	50.21 3.52 0.00	55.97 3.73 0.00	46.20 3.26 0.00	39.17 2.74 0.00	38.59 2.72 0.00	41.97 2.75 0.00	45.53 2.74 0.00	39.19 2.03 0.00
MUNSVILLE_WIND_PWR 323609	51.42 3.20 0.00	80.93 4.65 0.00	77.45 3.92 0.00	67.53 2.87 0.00	61.23 1.62 0.00	72.48 1.10 -4.41	75.09 0.93 -5.47	71.23 1.75 -5.25	61.80 1.19 -1.45	49.05 -0.61 0.00	38.18 -1.00 0.00	33.23 -1.14 0.00	26.05 -0.94 0.00	26.07 -0.91 0.00	29.13 -0.76 0.00	35.39 -0.16 0.00	47.08 0.38 0.00	52.89 0.64 0.00	43.61 0.66 0.00	36.93 0.44 -0.05	36.49 0.37 -0.25	39.43 0.22 0.00	42.76 -0.03 0.00	36.81 -0.35 0.00
N SALMON___HYD 24042	49.84 1.62 0.00	79.43 3.15 0.00	76.58 3.05 0.00	67.23 2.57 0.00	61.96 2.34 0.00	69.45 2.49 0.00	71.52 2.83 0.00	66.92 2.68 0.00	61.13 1.97 0.00	51.13 1.47 0.00	39.77 0.59 0.00	35.11 0.74 0.00	27.67 0.68 0.00	27.51 0.53 0.00	30.13 0.24 0.00	35.68 0.13 0.00	46.96 0.26 0.00	52.60 0.35 0.00	43.06 0.11 0.00	36.54 0.10 0.00	35.81 -0.05 0.00	39.22 0.01 0.00	42.95 0.16 0.00	37.41 0.25 0.00
N.AKRON___115KV_KNAPP 355671	46.19 -2.03 0.00	71.77 -4.50 0.00	68.23 -5.29 0.00	59.79 -4.87 0.00	54.53 -5.08 0.00	49.37 -6.46 11.13	48.20 -6.88 13.62	44.42 -6.74 13.07	49.14 -6.40 3.63	44.70 -4.95 0.00	35.63 -3.55 0.00	31.25 -3.12 0.00	24.26 -2.73 0.00	24.09 -2.89 0.00	26.67 -3.23 0.00	31.93 -3.62 0.00	42.56 -4.13 0.00	47.93 -4.31 0.00	39.39 -3.55 0.00	33.03 -3.20 0.20	31.96 -2.97 0.93	35.79 -3.42 0.00	39.84 -2.95 0.00	35.03 -2.14 0.00
N.E_GEN_SANDY PD 24062	52.61 1.56 -2.83	78.09 1.81 0.00	75.38 1.86 0.00	66.35 1.94 0.25	68.41 2.02 -6.77	70.18 2.34 -0.87	93.05 2.38 -21.98	96.49 2.20 -30.06	74.69 2.14 -13.38	66.38 1.84 -14.89	45.94 1.52 -5.24	39.54 1.31 -3.87	34.13 1.01 -6.13	34.93 1.04 -6.90	38.06 1.00 -7.16	60.58 1.09 -23.94	65.66 1.32 -17.64	71.15 1.46 -17.44	66.77 1.03 -22.80	56.83 0.87 -19.53	59.28 0.95 -22.46	47.15 1.46 -6.48	50.63 1.60 -6.24	52.18 1.47 -13.55
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	49.94 1.72 0.00	78.23 1.95 0.00	75.21 1.68 0.00	66.41 1.75 0.00	61.65 2.03 0.00	69.26 2.29 0.00	71.38 2.69 0.00	67.32 3.09 0.00	62.37 3.20 0.00	52.58 2.92 0.00	41.75 2.57 0.00	36.51 2.13 0.00	28.62 1.62 0.00	28.72 1.74 0.00	31.96 2.07 0.00	37.87 2.31 0.00	49.65 2.96 0.00	55.48 3.23 0.00	45.78 2.83 0.00	38.82 2.38 0.00	38.23 2.36 0.00	41.65 2.44 0.00	45.22 2.42 0.00	38.93 1.77 0.00
N.QUEENS_27_KV_LOAD 356247	50.35 2.13 0.00	78.41 2.13 0.00	75.43 1.90 0.00	66.86 2.20 0.00	62.20 2.59 0.00	69.80 2.84 0.00	72.00 3.31 0.00	68.14 3.91 0.00	63.24 4.07 0.00	53.11 3.46 0.00	42.27 3.09 0.00	37.00 2.63 0.00	29.04 2.04 0.00	29.14 2.16 0.00	32.56 2.67 0.00	38.42 2.86 0.00	50.20 3.50 0.00	55.96 3.72 0.00	46.43 3.49 0.00	39.36 2.92 0.00	38.74 2.87 0.00	42.11 2.90 0.00	45.57 2.78 0.00	39.29 2.12 0.00
N.TROY___115KV_TB1 355778	49.95 1.72 0.00	78.58 2.30 0.00	75.89 2.37 0.00	66.93 2.27 0.00	61.87 2.25 0.00	69.64 2.68 0.00	71.18 2.49 0.00	66.54 2.31 0.00	61.34 2.18 0.00	51.39 1.73 0.00	40.55 1.37 0.00	35.52 1.14 0.00	27.88 0.89 0.00	27.91 0.93 0.00	30.84 0.95 0.00	36.67 1.12 0.00	48.17 1.48 0.00	53.87 1.63 0.00	44.16 1.21 0.00	37.45 1.02 0.00	36.95 1.09 0.00	40.68 1.46 0.00	44.37 1.58 0.00	38.56 1.40 0.00
NARROWS_GT1_1 24228	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NARROWS_GT1_2 24229	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NARROWS_GT1_3 24230	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NARROWS_GT1_4 24231	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NARROWS_GT1_5 24232	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00

NARROWS_GT1_6 24233	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NARROWS_GT1_7 24234	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NARROWS_GT1_8 24235	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NARROWS_GT2_1 24236	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NARROWS_GT2_2 24237	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NARROWS_GT2_3 24238	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NARROWS_GT2_4 24239	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NARROWS_GT2_5 24240	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NARROWS_GT2_6 24241	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NARROWS_GT2_7 24242	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NARROWS_GT2_8 24243	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	50.85 2.62 0.00	80.16 3.88 0.00	77.38 3.85 0.00	68.23 3.57 0.00	63.09 3.48 0.00	71.02 4.05 0.00	72.38 3.69 0.00	67.54 3.31 0.00	62.09 2.93 0.00	51.63 1.98 0.00	40.37 1.20 0.00	35.29 0.91 0.00	27.72 0.73 0.00	27.75 0.77 0.00	30.81 0.92 0.00	36.93 1.38 0.00	48.80 2.11 0.00	54.76 2.51 0.00	44.98 2.04 0.00	38.09 1.66 0.00	37.50 1.64 0.00	41.13 1.92 0.00	44.93 2.14 0.00	39.14 1.98 0.00
NCHELSEA_115KV_TR2 355582	50.56 2.34 0.00	79.16 2.89 0.00	76.16 2.64 0.00	67.26 2.60 0.00	62.42 2.80 0.00	70.19 3.22 0.00	72.30 3.60 0.00	68.12 3.89 0.00	62.94 3.77 0.00	52.94 3.28 0.00	41.94 2.76 0.00	36.66 2.29 0.00	28.75 1.76 0.00	28.86 1.88 0.00	32.14 2.25 0.00	38.13 2.58 0.00	50.07 3.38 0.00	55.95 3.70 0.00	46.13 3.19 0.00	39.12 2.68 0.00	38.52 2.65 0.00	41.95 2.74 0.00	45.52 2.73 0.00	39.20 2.04 0.00
NEG CAPITAL___MECHNVIL 23645	50.64 2.42 0.00	79.66 3.39 0.00	76.87 3.34 0.00	67.79 3.12 0.00	62.67 3.05 0.00	70.61 3.64 0.00	72.38 3.69 0.00	67.75 3.52 0.00	62.33 3.17 0.00	52.05 2.39 0.00	41.01 1.83 0.00	35.89 1.52 0.00	28.17 1.17 0.00	28.21 1.23 0.00	31.23 1.34 0.00	37.24 1.69 0.00	49.10 2.40 0.00	54.95 2.70 0.00	45.02 2.07 0.00	38.16 1.72 0.00	37.59 1.72 0.00	41.34 2.12 0.00	45.01 2.22 0.00	39.05 1.88 0.00
NEG CENTRAL_HIGH_ACRES 23767	45.98 -2.24 0.00	71.99 -4.29 0.00	68.93 -4.59 0.00	60.54 -4.12 0.00	55.59 -4.02 0.00	62.14 -4.82 0.00	63.82 -4.88 0.00	59.67 -4.56 0.00	54.98 -4.18 0.00	46.27 -3.38 0.00	36.63 -2.55 0.00	32.06 -2.31 0.00	25.06 -1.93 0.00	24.99 -1.99 0.00	27.74 -2.15 0.00	33.20 -2.35 0.00	43.86 -2.84 0.00	49.18 -3.06 0.00	40.45 -2.50 0.00	34.22 -2.22 0.00	33.74 -2.13 0.00	36.74 -2.47 0.00	40.32 -2.48 0.00	35.16 -2.01 0.00

NEG CENTRAL___DRP 24199	47.43 -0.80 0.00	74.50 -1.77 0.00	71.43 -2.10 0.00	62.76 -1.90 0.00	57.74 -1.87 0.00	64.75 -2.21 0.00	66.59 -2.11 0.00	62.30 -1.93 0.00	57.39 -1.78 0.00	48.09 -1.57 0.00	37.97 -1.21 0.00	33.18 -1.20 0.00	25.99 -1.01 0.00	25.98 -1.00 0.00	28.88 -1.02 0.00	34.55 -1.00 0.00	45.62 -1.07 0.00	51.13 -1.12 0.00	42.12 -0.82 0.00	35.78 -0.76 -0.10	35.63 -0.70 -0.46	38.30 -0.91 0.00	41.81 -0.99 0.00	36.27 -0.89 0.00
NEG CENTRAL___INDECK 23768	46.89 -1.32 0.00	74.54 -1.74 0.00	71.65 -1.88 0.00	62.66 -2.00 0.00	57.08 -2.54 -0.01	125.57 -3.50 -62.11	142.67 -3.07 -77.06	135.49 -2.63 -73.89	76.90 -2.54 -20.28	47.22 -2.45 0.00	37.25 -1.93 0.00	32.32 -2.05 0.00	25.14 -1.85 0.00	25.12 -1.86 0.00	27.90 -1.99 0.00	33.85 -1.70 0.00	45.27 -1.43 0.00	50.98 -1.27 0.00	41.86 -1.09 0.00	36.49 -1.01 -1.07	39.92 -0.95 -5.01	37.90 -1.31 0.00	41.61 -1.18 0.00	36.20 -0.96 0.00
NEG CENTRAL___SENECA 23627	47.33 -0.89 0.00	74.27 -2.00 0.00	71.15 -2.38 0.00	62.51 -2.15 0.00	57.47 -2.15 0.00	64.38 -2.58 0.00	66.23 -2.46 0.00	61.95 -2.28 0.00	57.07 -2.10 0.00	47.87 -1.79 0.00	37.80 -1.37 0.00	33.01 -1.36 0.00	25.82 -1.17 0.00	25.81 -1.17 0.00	28.69 -1.21 0.00	34.36 -1.19 0.00	45.43 -1.27 0.00	50.94 -1.31 0.00	41.99 -0.96 0.00	35.68 -0.91 -0.16	35.77 -0.83 -0.74	38.14 -1.07 0.00	41.66 -1.13 0.00	36.13 -1.04 0.00
NEG CENTRAL___STATE_STREET 24147	47.77 -0.45 0.00	75.15 -1.12 0.00	72.12 -1.41 0.00	63.38 -1.28 0.00	58.34 -1.27 0.00	65.52 -1.45 0.00	67.40 -1.30 0.00	63.08 -1.16 0.00	58.09 -1.08 0.00	48.56 -1.10 0.00	38.33 -0.85 0.00	33.49 -0.88 0.00	26.26 -0.74 0.00	26.28 -0.71 0.00	29.21 -0.68 0.00	34.96 -0.59 0.00	46.08 -0.61 0.00	51.59 -0.65 0.00	42.44 -0.51 0.00	36.01 -0.42 0.00	35.45 -0.41 0.00	38.65 -0.56 0.00	42.16 -0.63 0.00	36.58 -0.58 0.00
NEG MILLWOOD___DRP 24198	50.71 2.49 0.00	79.36 3.09 0.00	76.31 2.79 0.00	67.39 2.73 0.00	62.57 2.96 0.00	70.41 3.44 0.00	72.59 3.89 0.00	68.44 4.21 0.00	63.29 4.12 0.00	53.26 3.60 0.00	42.20 3.02 0.00	36.88 2.50 0.00	28.92 1.93 0.00	29.02 2.04 0.00	32.31 2.42 0.00	38.33 2.78 0.00	50.32 3.62 0.00	56.21 3.96 0.00	46.36 3.41 0.00	39.30 2.87 0.00	38.70 2.84 0.00	42.11 2.90 0.00	45.69 2.90 0.00	39.32 2.16 0.00
NEG NORTH_FLCN_SEA 23793	49.72 1.50 0.00	79.19 2.91 0.00	76.39 2.86 0.00	67.10 2.44 0.00	61.80 2.19 0.00	69.39 2.42 0.00	71.23 2.54 0.00	66.66 2.43 0.00	60.99 1.82 0.00	50.80 1.15 0.00	39.62 0.44 0.00	34.94 0.57 0.00	27.56 0.56 0.00	27.43 0.45 0.00	30.02 0.13 0.00	35.50 -0.05 0.00	46.71 0.02 0.00	52.24 -0.01 0.00	42.72 -0.22 0.00	36.23 -0.21 0.00	35.55 -0.32 0.00	38.99 -0.22 0.00	42.53 -0.26 0.00	36.98 -0.19 0.00
NEG NORTH_KES_CHATEGAY 23792	49.16 0.94 0.00	78.43 2.16 0.00	75.64 2.12 0.00	66.47 1.81 0.00	61.23 1.61 0.00	68.70 1.73 0.00	70.58 1.89 0.00	66.00 1.77 0.00	60.29 1.13 0.00	50.30 0.64 0.00	39.15 -0.04 0.00	34.60 0.22 0.00	27.32 0.33 0.00	27.14 0.16 0.00	29.73 -0.17 0.00	35.09 -0.45 0.00	46.16 -0.53 0.00	51.67 -0.57 0.00	42.32 -0.63 0.00	35.92 -0.52 0.00	35.22 -0.64 0.00	38.59 -0.62 0.00	42.15 -0.64 0.00	36.68 -0.48 0.00
NEG NORTH___ALICE_FALLS 23915	50.34 2.12 0.00	80.11 3.83 0.00	77.17 3.65 0.00	67.77 3.11 0.00	62.44 2.83 0.00	70.18 3.22 0.00	72.26 3.57 0.00	67.70 3.47 0.00	61.93 2.76 0.00	51.41 1.76 0.00	39.77 0.58 0.00	35.06 0.69 0.00	27.62 0.63 0.00	27.57 0.59 0.00	30.24 0.35 0.00	35.75 0.20 0.00	47.27 0.57 0.00	53.11 0.86 0.00	43.47 0.52 0.00	36.89 0.45 0.00	36.15 0.28 0.00	39.54 0.33 0.00	43.11 0.32 0.00	37.40 0.24 0.00
NEG NORTH___LWR_SARANAC 23913	50.34 2.12 0.00	80.11 3.83 0.00	77.17 3.65 0.00	67.77 3.11 0.00	62.44 2.83 0.00	70.18 3.22 0.00	72.26 3.57 0.00	67.70 3.47 0.00	61.93 2.76 0.00	51.41 1.76 0.00	39.77 0.58 0.00	35.06 0.69 0.00	27.62 0.63 0.00	27.57 0.59 0.00	30.24 0.35 0.00	35.75 0.20 0.00	47.27 0.57 0.00	53.11 0.86 0.00	43.47 0.52 0.00	36.89 0.45 0.00	36.15 0.28 0.00	39.54 0.33 0.00	43.11 0.32 0.00	37.40 0.24 0.00
NEG NORTH___PLATTSBURG 23628	50.34 2.12 0.00	80.10 3.83 0.00	77.17 3.65 0.00	67.77 3.11 0.00	62.45 2.83 0.00	70.18 3.21 0.00	72.27 3.57 0.00	67.71 3.48 0.00	61.93 2.76 0.00	51.41 1.76 0.00	39.77 0.59 0.00	35.06 0.69 0.00	27.62 0.63 0.00	27.57 0.59 0.00	30.24 0.35 0.00	35.75 0.20 0.00	47.27 0.58 0.00	53.11 0.86 0.00	43.46 0.52 0.00	36.89 0.45 0.00	36.15 0.28 0.00	39.54 0.33 0.00	43.11 0.32 0.00	37.40 0.24 0.00
NEG WEST_LEA_LOCKPORT 23791	45.27 -2.95 0.00	70.30 -5.98 0.00	66.78 -6.75 0.00	58.46 -6.20 0.00	53.24 -6.37 0.00	45.56 -8.12 13.29	43.63 -8.76 16.31	39.98 -8.59 15.66	46.81 -8.02 4.33	43.47 -6.18 0.00	34.92 -4.25 0.00	30.59 -3.78 0.00	23.81 -3.18 0.00	23.62 -3.36 0.00	26.11 -3.78 0.00	31.27 -4.28 0.00	41.47 -5.23 0.00	46.67 -5.57 0.00	38.36 -4.59 0.00	32.13 -4.06 0.24	30.94 -3.80 1.13	34.96 -4.26 0.00	39.00 -3.79 0.00	34.37 -2.79 0.00
NEG WEST___LANCASTR 23811	47.38 -0.84 0.00	73.76 -2.51 0.00	70.12 -3.41 0.00	61.38 -3.29 0.00	55.98 -3.63 0.00	49.61 -4.86 12.50	47.97 -5.30 15.42	44.15 -5.28 14.80	50.46 -4.63 4.07	46.24 -3.42 0.00	36.87 -2.30 0.00	32.15 -2.22 0.00	25.04 -1.95 0.00	24.96 -2.02 0.00	27.69 -2.21 0.00	33.18 -2.38 0.00	43.87 -2.83 0.00	49.27 -2.98 0.00	40.53 -2.42 0.00	33.98 -2.21 0.24	32.71 -2.03 1.12	36.88 -2.33 0.00	40.83 -1.97 0.00	35.69 -1.48 0.00
NEG_PENN_ALLEGHNY 23528	48.21 -0.01 0.00	75.88 -0.39 0.00	72.62 -0.90 0.00	63.84 -0.83 0.00	58.79 -0.83 0.00	69.24 -0.99 -3.26	71.93 -0.81 -4.05	67.48 -0.64 -3.89	59.73 -0.50 -1.06	49.15 -0.51 0.00	38.91 -0.27 0.00	33.73 -0.64 0.00	26.37 -0.62 0.00	26.47 -0.52 0.00	29.47 -0.42 0.00	35.19 -0.36 0.00	46.30 -0.39 0.00	51.77 -0.48 0.00	42.64 -0.30 0.00	36.16 -0.28 0.00	35.60 -0.27 0.00	38.80 -0.41 0.00	42.30 -0.49 0.00	36.58 -0.58 0.00
NEG___GEN_MONROE 24207	46.90 -1.33 0.00	73.27 -3.01 0.00	69.99 -3.53 0.00	61.42 -3.25 0.00	56.30 -3.32 0.00	60.06 -4.26 2.64	61.11 -4.33 3.24	57.00 -4.12 3.11	54.51 -3.80 0.86	46.69 -2.97 0.00	36.95 -2.23 0.00	32.35 -2.02 0.00	25.19 -1.81 0.00	25.10 -1.88 0.00	27.84 -2.05 0.00	33.37 -2.18 0.00	44.32 -2.38 0.00	49.81 -2.44 0.00	40.94 -2.00 0.00	34.60 -1.84 0.00	34.13 -1.74 0.00	37.16 -2.05 0.00	40.96 -1.84 0.00	35.78 -1.39 0.00
NEPA___ENERGY 23901	46.42 -1.80 0.00	72.51 -3.77 0.00	68.46 -5.06 0.00	59.68 -4.98 0.00	54.56 -5.05 0.00	47.14 -6.15 13.68	45.61 -6.16 16.93	41.98 -6.02 16.23	49.57 -5.13 4.46	45.53 -4.13 0.00	36.38 -2.80 0.00	31.54 -2.84 0.00	24.48 -2.52 0.00	24.38 -2.43 0.17	27.11 -2.59 0.19	32.78 -2.77 0.00	43.18 -3.51 0.00	48.27 -3.98 0.00	39.85 -3.09 0.00	33.41 -2.75 0.27	31.93 -2.66 1.29	36.32 -2.89 0.00	40.05 -2.74 0.00	34.77 -2.39 0.00

NEVERSINK___HYD 23608	50.52 2.30 0.00	79.26 2.98 0.00	76.21 2.69 0.00	67.27 2.61 0.00	62.41 2.79 0.00	70.22 3.25 0.00	72.36 3.67 0.00	68.16 3.93 0.00	62.96 3.79 0.00	52.82 3.16 0.00	41.81 2.63 0.00	36.44 2.06 0.00	28.53 1.54 0.00	28.64 1.66 0.00	31.92 2.03 0.00	37.99 2.44 0.00	50.03 3.33 0.00	55.95 3.70 0.00	46.16 3.21 0.00	39.13 2.69 0.00	38.53 2.66 0.00	41.92 2.71 0.00	45.48 2.69 0.00	39.16 1.99 0.00
NEWKRMKL_115KV_TB1 55635	49.81 1.59 0.00	78.43 2.16 0.00	75.73 2.20 0.00	66.75 2.09 0.00	61.74 2.13 0.00	69.33 2.37 0.00	70.48 1.79 0.00	65.59 1.35 0.00	60.53 1.36 0.00	50.84 1.18 0.00	40.03 0.85 0.00	35.13 0.76 0.00	27.63 0.64 0.00	27.66 0.68 0.00	30.63 0.73 0.00	36.38 0.83 0.00	47.60 0.90 0.00	53.22 0.97 0.00	43.72 0.77 0.00	37.07 0.63 0.00	36.54 0.67 0.00	40.14 0.93 0.00	44.00 1.21 0.00	38.46 1.30 0.00
NEWTON___FALLS_HYD 23847	49.18 0.96 0.00	77.93 1.65 0.00	75.12 1.60 0.00	65.37 0.71 0.00	60.16 0.55 0.00	67.83 0.87 0.00	70.38 1.69 0.00	65.19 0.96 0.00	59.36 0.19 0.00	49.39 -0.27 0.00	38.39 -0.79 0.00	33.71 -0.66 0.00	26.47 -0.52 0.00	26.49 -0.50 0.00	29.48 -0.41 0.00	35.24 -0.32 0.00	46.05 -0.64 0.00	51.55 -0.70 0.00	42.19 -0.76 0.00	35.74 -0.69 0.00	35.09 -0.78 0.00	38.46 -0.75 0.00	42.45 -0.34 0.00	36.97 -0.19 0.00
NGRID_A1_DSASP 323792	44.95 -3.28 0.00	69.83 -6.44 0.00	66.39 -7.14 0.00	58.14 -6.52 0.00	52.94 -6.68 0.00	44.97 -8.74 13.26	42.74 -9.50 16.45	39.16 -9.29 15.78	46.22 -8.62 4.32	43.04 -6.62 0.00	34.40 -4.78 0.00	30.08 -4.29 0.00	23.47 -3.53 0.00	23.24 -3.74 0.00	25.67 -4.23 0.00	30.69 -4.86 0.00	40.63 -6.07 0.00	45.58 -6.67 0.00	37.48 -5.47 0.00	31.39 -4.80 0.24	30.36 -4.38 1.13	34.33 -4.88 0.00	38.37 -4.42 0.00	33.80 -3.36 0.00
NGRID_A2_DSASP 323793	44.95 -3.28 0.00	69.83 -6.44 0.00	66.39 -7.14 0.00	58.14 -6.52 0.00	52.94 -6.68 0.00	44.97 -8.74 13.26	42.74 -9.50 16.45	39.16 -9.29 15.78	46.22 -8.62 4.32	43.04 -6.62 0.00	34.40 -4.78 0.00	30.08 -4.29 0.00	23.47 -3.53 0.00	23.24 -3.74 0.00	25.67 -4.23 0.00	30.69 -4.86 0.00	40.63 -6.07 0.00	45.58 -6.67 0.00	37.48 -5.47 0.00	31.39 -4.80 0.24	30.36 -4.38 1.13	34.33 -4.88 0.00	38.37 -4.42 0.00	33.80 -3.36 0.00
NGRID_A4_DSASP 323807	44.95 -3.28 0.00	69.83 -6.44 0.00	66.39 -7.14 0.00	58.14 -6.52 0.00	52.94 -6.68 0.00	44.97 -8.74 13.26	42.74 -9.50 16.45	39.16 -9.29 15.78	46.22 -8.62 4.32	43.04 -6.62 0.00	34.40 -4.78 0.00	30.08 -4.29 0.00	23.47 -3.53 0.00	23.24 -3.74 0.00	25.67 -4.23 0.00	30.69 -4.86 0.00	40.63 -6.07 0.00	45.58 -6.67 0.00	37.48 -5.47 0.00	31.39 -4.80 0.24	30.36 -4.38 1.13	34.33 -4.88 0.00	38.37 -4.42 0.00	33.80 -3.36 0.00
NIAGARA_115E_LBMP 323715	44.89 -3.34 0.00	69.70 -6.57 0.00	66.20 -7.32 0.00	57.97 -6.69 0.00	52.81 -6.81 0.00	45.41 -8.41 13.14	43.72 -9.07 15.91	39.97 -8.97 15.29	46.18 -8.71 4.28	42.85 -6.80 0.00	34.36 -4.82 0.00	30.05 -4.32 0.00	23.43 -3.57 0.00	23.21 -3.77 0.00	25.61 -4.29 0.00	30.61 -4.95 0.00	40.61 -6.08 0.00	45.69 -6.55 0.00	37.57 -5.37 0.00	31.46 -4.73 0.24	30.38 -4.37 1.12	34.25 -4.96 0.00	38.30 -4.49 0.00	33.90 -3.26 0.00
NIAGARA_115W_LBMP 323714	44.90 -3.33 0.00	69.73 -6.54 0.00	66.31 -7.21 0.00	58.08 -6.59 0.00	52.91 -6.71 0.00	45.07 -8.70 13.20	42.88 -9.43 16.39	39.29 -9.22 15.71	46.22 -8.64 4.30	42.94 -6.72 0.00	34.34 -4.84 0.00	30.02 -4.35 0.00	23.42 -3.57 0.00	23.21 -3.77 0.00	25.63 -4.27 0.00	30.63 -4.92 0.00	40.57 -6.12 0.00	45.47 -6.77 0.00	37.39 -5.55 0.00	31.33 -4.86 0.24	30.34 -4.41 1.13	34.27 -4.94 0.00	38.27 -4.52 0.00	33.74 -3.42 0.00
NIAGARA_230_LBMP 323716	45.09 -3.13 0.00	70.05 -6.22 0.00	66.66 -6.87 0.00	58.39 -6.27 0.00	53.23 -6.39 0.00	46.03 -8.26 12.67	43.97 -8.93 15.80	40.33 -8.76 15.14	46.94 -8.09 4.13	43.46 -6.20 0.00	34.75 -4.42 0.00	30.38 -3.99 0.00	23.70 -3.29 0.00	23.51 -3.47 0.00	25.98 -3.91 0.00	31.05 -4.51 0.00	41.14 -5.55 0.00	46.25 -6.00 0.00	38.05 -4.90 0.00	31.87 -4.34 0.23	30.72 -4.07 1.08	34.70 -4.51 0.00	38.68 -4.11 0.00	34.07 -3.09 0.00
NIAGARA___115KV_198_GIBSON 55903	44.90 -3.33 0.00	69.75 -6.53 0.00	66.31 -7.21 0.00	58.08 -6.58 0.00	52.88 -6.74 0.00	44.97 -8.79 13.20	42.73 -9.57 16.39	39.17 -9.35 15.71	46.17 -8.68 4.30	42.97 -6.69 0.00	34.34 -4.84 0.00	30.03 -4.34 0.00	23.43 -3.57 0.00	23.21 -3.77 0.00	25.63 -4.26 0.00	30.63 -4.92 0.00	40.54 -6.15 0.00	45.47 -6.77 0.00	37.39 -5.55 0.00	31.33 -4.87 0.24	30.30 -4.43 1.13	34.27 -4.94 0.00	38.31 -4.49 0.00	33.74 -3.42 0.00
NIAGARA___ 23760	45.09 -3.13 0.00	70.05 -6.22 0.00	66.66 -6.87 0.00	58.39 -6.27 0.00	53.23 -6.39 0.00	45.89 -8.26 12.81	43.90 -8.93 15.87	40.26 -8.76 15.21	46.90 -8.09 4.18	43.46 -6.20 0.00	34.75 -4.42 0.00	30.38 -3.99 0.00	23.70 -3.29 0.00	23.51 -3.47 0.00	25.98 -3.91 0.00	31.05 -4.51 0.00	41.14 -5.55 0.00	46.25 -6.00 0.00	38.05 -4.90 0.00	31.87 -4.34 0.23	30.71 -4.07 1.09	34.70 -4.51 0.00	38.68 -4.11 0.00	34.07 -3.09 0.00
NINE_MILE_1 23575	46.29 -1.93 0.00	72.95 -3.33 0.00	70.18 -3.34 0.00	61.68 -2.98 0.00	56.85 -2.76 0.00	63.83 -3.13 0.00	65.52 -3.18 0.00	61.27 -2.96 0.00	56.46 -2.71 0.00	47.34 -2.32 0.00	37.41 -1.77 0.00	32.85 -1.52 0.00	25.80 -1.20 0.00	25.79 -1.19 0.00	28.60 -1.29 0.00	34.06 -1.50 0.00	44.70 -2.00 0.00	50.01 -2.24 0.00	41.13 -1.82 0.00	34.93 -1.51 0.00	34.41 -1.46 0.00	37.53 -1.68 0.00	40.97 -1.82 0.00	35.63 -1.54 0.00
NINE_MILE_2 23744	46.29 -1.93 0.00	72.95 -3.33 0.00	70.18 -3.34 0.00	61.69 -2.97 0.00	56.86 -2.76 0.00	63.83 -3.13 0.00	65.52 -3.18 0.00	61.28 -2.95 0.00	56.46 -2.70 0.00	47.34 -2.32 0.00	37.41 -1.77 0.00	32.85 -1.52 0.00	25.80 -1.20 0.00	25.79 -1.19 0.00	28.61 -1.29 0.00	34.06 -1.49 0.00	44.70 -1.99 0.00	50.01 -2.24 0.00	41.13 -1.81 0.00	34.93 -1.51 0.00	34.41 -1.46 0.00	37.54 -1.68 0.00	40.98 -1.81 0.00	35.63 -1.54 0.00
NM_CAPITAL___DRP 24208	49.72 1.50 0.00	78.27 2.00 0.00	75.60 2.07 0.00	66.63 1.97 0.00	61.63 2.01 0.00	69.25 2.28 0.00	70.45 1.76 0.00	65.64 1.41 0.00	60.59 1.42 0.00	50.87 1.21 0.00	40.10 0.92 0.00	35.18 0.81 0.00	27.66 0.66 0.00	27.69 0.71 0.00	30.63 0.74 0.00	36.39 0.84 0.00	47.64 0.94 0.00	53.26 1.02 0.00	43.73 0.78 0.00	37.09 0.65 0.00	36.57 0.70 0.00	40.18 0.97 0.00	43.99 1.20 0.00	38.41 1.25 0.00
NM_CENTRAL___DRP 24181	47.15 -1.08 0.00	74.24 -2.04 0.00	71.34 -2.19 0.00	62.72 -1.95 0.00	57.79 -1.83 0.00	64.91 -2.06 0.00	66.72 -1.98 0.00	62.42 -1.81 0.00	57.50 -1.66 0.00	48.18 -1.47 0.00	38.06 -1.12 0.00	33.38 -1.00 0.00	26.18 -0.82 0.00	26.18 -0.80 0.00	29.09 -0.80 0.00	34.69 -0.86 0.00	45.59 -1.10 0.00	51.01 -1.24 0.00	41.95 -1.00 0.00	35.61 -0.82 0.00	35.06 -0.81 0.00	38.24 -0.97 0.00	41.76 -1.03 0.00	36.27 -0.89 0.00

NM_FRONTIER___DRP 24179	44.90 -3.33 0.00	69.75 -6.53 0.00	66.31 -7.21 0.00	58.08 -6.58 0.00	52.88 -6.74 0.00	44.97 -8.79 13.20	42.73 -9.57 16.39	39.17 -9.35 15.71	46.17 -8.68 4.30	42.97 -6.69 0.00	34.34 -4.84 0.00	30.03 -4.34 0.00	23.43 -3.57 0.00	23.21 -3.77 0.00	25.63 -4.26 0.00	30.63 -4.92 0.00	40.54 -6.15 0.00	45.47 -6.77 0.00	37.39 -5.55 0.00	31.33 -4.87 0.24	30.30 -4.43 1.13	34.27 -4.94 0.00	38.31 -4.49 0.00	33.74 -3.42 0.00
NM_ST_REGIS___HYD 24053	49.46 1.24 0.00	78.76 2.48 0.00	75.98 2.45 0.00	66.59 1.93 0.00	61.27 1.65 0.00	68.51 1.55 0.00	70.62 1.92 0.00	65.86 1.63 0.00	60.21 1.05 0.00	50.56 0.90 0.00	39.44 0.26 0.00	34.73 0.35 0.00	27.37 0.38 0.00	27.29 0.30 0.00	30.03 0.14 0.00	35.64 0.09 0.00	46.77 0.07 0.00	52.32 0.07 0.00	42.83 -0.12 0.00	36.34 -0.10 0.00	35.64 -0.22 0.00	39.13 -0.09 0.00	43.15 0.36 0.00	37.70 0.53 0.00
NORTHPORT___1 23551	51.08 2.86 0.00	79.37 3.10 0.00	75.93 2.40 0.00	67.01 2.35 0.00	62.63 3.01 0.00	70.31 3.34 0.00	5.06 3.76 67.40	5.06 3.95 63.12	5.06 3.65 57.75	7.46 3.73 45.93	-16.55 3.11 58.83	5.04 2.50 31.83	23.58 2.05 5.46	29.30 2.32 0.00	32.67 2.78 0.00	47.73 3.24 -8.94	81.45 4.03 -30.73	61.25 4.01 -5.00	46.35 3.40 -0.01	42.88 2.98 -3.46	49.95 3.03 -11.06	44.87 3.16 -2.49	45.99 3.20 -0.01	39.57 2.41 0.00
NORTHPORT___2 23552	50.74 2.52 0.00	79.30 3.02 0.00	75.93 2.40 0.00	67.01 2.35 0.00	62.63 3.01 0.00	70.30 3.33 0.00	72.12 3.43 0.00	68.15 3.92 0.00	62.95 3.78 0.00	53.51 3.85 0.00	42.41 3.23 0.00	36.97 2.60 0.00	29.10 2.11 0.00	29.31 2.33 0.00	32.68 2.78 0.00	47.73 3.24 -8.94	81.45 4.03 -30.73	61.25 4.01 -5.00	46.35 3.40 -0.01	42.88 2.98 -3.46	49.95 3.03 -11.06	44.87 3.16 -2.49	45.99 3.20 -0.01	39.57 2.41 0.00
NORTHPORT___3 23553	50.74 2.52 0.00	79.25 2.97 0.00	75.88 2.35 0.00	66.98 2.32 0.00	62.58 2.96 0.00	70.24 3.28 0.00	72.12 3.43 0.00	68.08 3.85 0.00	62.88 3.71 0.00	53.46 3.80 0.00	42.41 3.23 0.00	36.96 2.59 0.00	29.08 2.09 0.00	29.28 2.30 0.00	32.65 2.76 0.00	47.71 3.20 -8.96	81.45 3.97 -30.79	61.20 3.95 -5.01	46.30 3.35 -0.01	42.84 2.93 -3.47	49.92 2.97 -11.08	44.82 3.11 -2.50	45.94 3.14 -0.01	39.53 2.37 0.00
NORTHPORT___4 23650	50.74 2.52 0.00	79.25 2.97 0.00	75.88 2.35 0.00	66.98 2.32 0.00	62.58 2.96 0.00	70.24 3.28 0.00	72.12 3.43 0.00	68.08 3.85 0.00	62.88 3.71 0.00	53.46 3.80 0.00	42.41 3.23 0.00	36.96 2.59 0.00	29.08 2.09 0.00	29.28 2.30 0.00	32.65 2.76 0.00	47.71 3.20 -8.96	81.45 3.97 -30.79	61.20 3.95 -5.01	46.30 3.35 -0.01	42.84 2.93 -3.47	49.92 2.97 -11.08	44.82 3.11 -2.50	45.94 3.14 -0.01	39.53 2.37 0.00
NORTHPORT___IC 23718	51.08 2.86 0.00	79.36 3.09 0.00	75.93 2.40 0.00	67.01 2.35 0.00	62.63 3.01 0.00	70.32 3.36 0.00	5.09 3.79 67.40	5.08 3.97 63.12	5.06 3.65 57.75	7.45 3.72 45.93	-16.55 3.11 58.83	5.04 2.50 31.83	23.57 2.04 5.46	29.30 2.32 0.00	32.67 2.78 0.00	47.73 3.24 -8.94	81.45 4.03 -30.73	61.24 4.01 -5.00	46.35 3.40 -0.01	42.88 2.98 -3.46	49.95 3.02 -11.06	44.86 3.16 -2.49	45.99 3.19 -0.01	39.58 2.42 0.00
NORTH___COUNTRY_ESR 323785	49.02 0.80 0.00	78.23 1.95 0.00	75.46 1.93 0.00	66.30 1.63 0.00	61.08 1.46 0.00	68.51 1.55 0.00	70.38 1.69 0.00	65.81 1.58 0.00	60.15 0.98 0.00	50.24 0.58 0.00	39.13 -0.05 0.00	34.58 0.20 0.00	27.27 0.27 0.00	27.07 0.09 0.00	29.66 -0.24 0.00	35.04 -0.51 0.00	46.07 -0.62 0.00	51.55 -0.70 0.00	42.21 -0.73 0.00	35.82 -0.62 0.00	35.13 -0.73 0.00	38.49 -0.72 0.00	42.06 -0.73 0.00	36.61 -0.55 0.00
NPX_GEN_1385_PROXY 323591	51.17 2.94 0.00	79.50 3.22 0.00	76.01 2.48 0.00	66.87 2.20 0.00	64.41 3.53 -1.28	71.23 4.27 0.00	165.54 4.32 -92.52	99.06 4.49 -30.34	64.84 4.14 -1.54	71.00 4.12 -17.21	-16.53 3.12 58.83	5.11 2.56 31.83	23.67 2.14 5.46	29.38 2.39 0.00	32.65 2.75 0.00	47.92 3.42 -8.94	81.63 4.21 -30.73	61.48 4.24 -5.00	46.57 3.62 -0.01	49.44 3.29 -9.71	66.96 3.32 -27.77	45.17 3.47 -2.49	46.24 3.45 -0.01	53.11 2.72 -13.22
NPX_GEN_CSC 323557	52.01 3.79 0.00	80.87 4.59 0.00	77.27 3.75 0.00	68.25 3.59 0.00	63.83 4.21 0.00	71.82 4.86 0.00	74.25 5.56 0.00	69.95 5.72 0.00	58.45 5.09 5.81	54.42 4.76 0.00	42.74 3.56 0.00	37.30 2.93 0.00	29.49 2.50 0.00	29.53 2.55 0.00	32.99 3.10 0.00	48.09 3.50 -9.05	82.60 4.83 -31.08	61.89 4.59 -5.05	46.87 3.92 -0.01	43.47 3.53 -3.50	50.83 3.78 -11.18	45.58 3.85 -2.52	46.58 3.78 -0.01	40.04 2.88 0.00
NSINS_S_GLNS_FALLS 23858	50.96 2.74 0.00	79.93 3.65 0.00	77.26 3.73 0.00	68.20 3.54 0.00	63.12 3.50 0.00	71.27 4.30 0.00	73.16 4.46 0.00	68.56 4.34 0.00	63.02 3.85 0.00	52.32 2.66 0.00	41.16 1.98 0.00	36.00 1.63 0.00	28.22 1.22 0.00	28.23 1.25 0.00	31.26 1.36 0.00	37.38 1.83 0.00	49.50 2.80 0.00	55.36 3.12 0.00	45.28 2.33 0.00	38.33 1.90 0.00	37.77 1.90 0.00	41.69 2.48 0.00	45.32 2.52 0.00	39.26 2.09 0.00
NUCOR_STEEL___DRP 24197	47.72 -0.50 0.00	75.09 -1.19 0.00	72.07 -1.46 0.00	63.33 -1.33 0.00	58.31 -1.31 0.00	65.48 -1.48 0.00	67.35 -1.35 0.00	63.03 -1.20 0.00	58.05 -1.11 0.00	48.54 -1.12 0.00	38.30 -0.88 0.00	33.49 -0.89 0.00	26.26 -0.74 0.00	26.28 -0.70 0.00	29.21 -0.69 0.00	34.96 -0.60 0.00	46.05 -0.64 0.00	51.54 -0.71 0.00	42.41 -0.54 0.00	35.98 -0.46 0.00	35.42 -0.44 0.00	38.62 -0.59 0.00	42.13 -0.67 0.00	36.57 -0.59 0.00
NUMBER_THREE_WT_PWR 323818	49.56 1.34 0.00	78.19 1.91 0.00	75.29 1.77 0.00	65.09 0.42 0.00	59.94 0.32 0.00	68.31 1.34 0.00	71.20 2.51 0.00	65.50 1.27 0.00	59.36 0.19 0.00	48.78 -0.88 0.00	37.83 -1.35 0.00	33.09 -1.29 0.00	25.84 -1.15 0.00	25.92 -1.06 0.00	29.04 -0.86 0.00	35.05 -0.50 0.00	45.85 -0.85 0.00	51.36 -0.88 0.00	42.04 -0.90 0.00	35.57 -0.87 0.00	34.94 -0.93 0.00	38.18 -1.03 0.00	41.80 -0.99 0.00	36.26 -0.90 0.00
NYISO_LBMP_REFERENCE 24008	48.22 0.00 0.00	76.27 0.00 0.00	73.52 0.00 0.00	64.66 0.00 0.00	59.62 0.00 0.00	66.97 0.00 0.00	68.69 0.00 0.00	64.23 0.00 0.00	59.16 0.00 0.00	49.66 0.00 0.00	39.18 0.00 0.00	34.37 0.00 0.00	26.99 0.00 0.00	26.98 0.00 0.00	29.89 0.00 0.00	35.55 0.00 0.00	46.69 0.00 0.00	52.25 0.00 0.00	42.94 0.00 0.00	36.44 0.00 0.00	35.87 0.00 0.00	39.21 0.00 0.00	42.79 0.00 0.00	37.16 0.00 0.00
NYPA_BRENTWD____GT 24164	51.62 3.39 0.00	80.34 4.06 0.00	76.83 3.30 0.00	67.82 3.16 0.00	63.33 3.71 0.00	71.20 4.24 0.00	73.47 4.77 0.00	69.19 4.96 0.00	63.73 4.57 0.00	54.13 4.47 0.00	42.84 3.66 0.00	37.35 2.97 0.00	29.38 2.39 0.00	29.59 2.61 0.00	33.01 3.12 0.00	48.39 3.66 -9.18	82.83 4.61 -31.52	62.01 4.64 -5.12	47.02 4.07 -0.01	43.55 3.56 -3.55	50.79 3.58 -11.34	45.51 3.74 -2.56	46.55 3.75 -0.01	40.01 2.85 0.00

NYPA_GOWANUS____GT5 24156	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NYPA_GOWANUS____GT6 24157	50.46 2.24 0.00	78.48 2.21 0.00	75.49 1.97 0.00	66.83 2.17 0.00	62.14 2.53 0.00	69.76 2.79 0.00	72.00 3.31 0.00	68.07 3.84 0.00	63.10 3.93 0.00	53.32 3.66 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.46 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.48 3.53 0.00	39.39 2.96 0.00	38.82 2.95 0.00	42.17 2.96 0.00	45.69 2.90 0.00	39.33 2.16 0.00
NYPA_HARLEM__RVR_GT1 24160	50.24 2.02 0.00	78.30 2.03 0.00	75.36 1.84 0.00	66.81 2.14 0.00	62.07 2.45 0.00	69.68 2.71 0.00	71.82 3.13 0.00	67.94 3.70 0.00	63.05 3.89 0.00	53.04 3.39 0.00	42.20 3.02 0.00	36.93 2.55 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.60 0.00	38.35 2.79 0.00	50.10 3.40 0.00	55.84 3.60 0.00	46.34 3.39 0.00	39.27 2.83 0.00	38.69 2.82 0.00	42.03 2.82 0.00	45.53 2.74 0.00	39.23 2.06 0.00
NYPA_HARLEM__RVR_GT2 24161	50.24 2.02 0.00	78.30 2.03 0.00	75.36 1.84 0.00	66.81 2.14 0.00	62.07 2.45 0.00	69.68 2.71 0.00	71.82 3.13 0.00	67.94 3.70 0.00	63.05 3.89 0.00	53.04 3.39 0.00	42.20 3.02 0.00	36.93 2.55 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.60 0.00	38.35 2.79 0.00	50.10 3.40 0.00	55.84 3.60 0.00	46.34 3.39 0.00	39.27 2.83 0.00	38.69 2.82 0.00	42.03 2.82 0.00	45.53 2.74 0.00	39.23 2.06 0.00
NYPA_KENT____GT 24152	50.41 2.19 0.00	78.48 2.21 0.00	75.50 1.98 0.00	66.81 2.15 0.00	62.09 2.48 0.00	69.73 2.76 0.00	71.96 3.27 0.00	67.99 3.76 0.00	63.05 3.89 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.12 2.13 0.00	29.23 2.25 0.00	32.56 2.66 0.00	38.46 2.90 0.00	50.35 3.65 0.00	56.11 3.87 0.00	46.44 3.49 0.00	39.36 2.93 0.00	38.79 2.92 0.00	42.12 2.91 0.00	45.67 2.88 0.00	39.34 2.18 0.00
NYPA_POUCH1____GT 24155	50.55 2.32 0.00	78.40 2.12 0.00	75.37 1.85 0.00	66.77 2.11 0.00	62.19 2.57 0.00	69.75 2.79 0.00	71.98 3.29 0.00	68.05 3.82 0.00	63.01 3.85 0.00	53.28 3.62 0.00	42.36 3.18 0.00	37.05 2.68 0.00	29.06 2.07 0.00	29.16 2.18 0.00	32.47 2.58 0.00	38.40 2.85 0.00	50.35 3.66 0.00	56.11 3.87 0.00	46.47 3.52 0.00	39.41 2.98 0.00	38.84 2.97 0.00	42.21 2.99 0.00	45.70 2.91 0.00	39.25 2.09 0.01
NYPA_VERNON____GT2 24162	50.36 2.14 0.00	78.50 2.22 0.00	75.50 1.98 0.00	66.77 2.11 0.00	62.05 2.44 0.00	69.70 2.73 0.00	71.93 3.23 0.00	67.98 3.75 0.00	63.04 3.87 0.00	53.29 3.63 0.00	42.39 3.21 0.00	37.10 2.73 0.00	29.12 2.13 0.00	29.23 2.25 0.00	32.57 2.67 0.00	38.46 2.91 0.00	50.34 3.64 0.00	56.07 3.82 0.00	46.40 3.45 0.00	39.32 2.89 0.00	38.77 2.90 0.00	42.07 2.86 0.00	45.66 2.87 0.00	39.36 2.19 0.00
NYPA_VERNON____GT3 24163	50.36 2.14 0.00	78.50 2.22 0.00	75.50 1.98 0.00	66.77 2.11 0.00	62.05 2.44 0.00	69.70 2.73 0.00	71.93 3.23 0.00	67.98 3.75 0.00	63.04 3.87 0.00	53.29 3.63 0.00	42.39 3.21 0.00	37.10 2.73 0.00	29.12 2.13 0.00	29.23 2.25 0.00	32.57 2.67 0.00	38.46 2.91 0.00	50.34 3.64 0.00	56.07 3.82 0.00	46.40 3.45 0.00	39.32 2.89 0.00	38.77 2.90 0.00	42.07 2.86 0.00	45.66 2.87 0.00	39.36 2.19 0.00
NYPA__ASTORIA_CC1 323568	50.27 2.05 0.00	78.33 2.06 0.00	75.35 1.83 0.00	66.68 2.02 0.00	61.95 2.33 0.00	69.57 2.61 0.00	71.79 3.10 0.00	67.87 3.64 0.00	62.96 3.79 0.00	53.19 3.54 0.00	42.35 3.17 0.00	37.06 2.69 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.56 2.66 0.00	38.40 2.85 0.00	50.25 3.55 0.00	55.99 3.75 0.00	46.35 3.40 0.00	39.28 2.84 0.00	38.73 2.86 0.00	42.01 2.80 0.00	45.62 2.83 0.00	39.34 2.18 0.00
NYPA__ASTORIA_CC2 323569	50.27 2.05 0.00	78.33 2.06 0.00	75.35 1.83 0.00	66.68 2.02 0.00	61.95 2.33 0.00	69.57 2.61 0.00	71.79 3.10 0.00	67.87 3.64 0.00	62.96 3.79 0.00	53.19 3.54 0.00	42.35 3.17 0.00	37.06 2.69 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.56 2.66 0.00	38.40 2.85 0.00	50.25 3.55 0.00	55.99 3.75 0.00	46.35 3.40 0.00	39.28 2.84 0.00	38.73 2.86 0.00	42.01 2.80 0.00	45.62 2.83 0.00	39.34 2.18 0.00
NYPA__HOLTSVILL 23794	51.39 3.17 0.00	79.93 3.65 0.00	76.41 2.88 0.00	67.45 2.79 0.00	63.04 3.42 0.00	70.87 3.90 0.00	73.14 4.44 0.00	68.87 4.64 0.00	63.33 4.17 0.00	53.81 4.15 0.00	42.58 3.40 0.00	37.15 2.78 0.00	29.26 2.26 0.00	29.44 2.46 0.00	32.85 2.95 0.00	48.02 3.43 -9.03	82.14 4.41 -31.04	61.68 4.39 -5.05	46.70 3.75 -0.01	43.26 3.33 -3.49	50.43 3.40 -11.17	45.26 3.53 -2.52	46.34 3.54 -0.01	39.84 2.68 0.00
NYPA____HELLGATE_GT1 24158	50.24 2.02 0.00	78.30 2.03 0.00	75.36 1.84 0.00	66.81 2.14 0.00	62.07 2.45 0.00	69.68 2.71 0.00	71.84 3.15 0.00	67.96 3.73 0.00	63.05 3.89 0.00	53.04 3.39 0.00	42.20 3.02 0.00	36.93 2.55 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.60 0.00	38.35 2.79 0.00	50.10 3.40 0.00	55.84 3.60 0.00	46.34 3.39 0.00	39.27 2.83 0.00	38.69 2.82 0.00	42.03 2.82 0.00	45.53 2.74 0.00	39.23 2.06 0.00
NYPA____HELLGATE_GT2 24159	50.24 2.02 0.00	78.30 2.03 0.00	75.36 1.84 0.00	66.81 2.14 0.00	62.07 2.45 0.00	69.68 2.71 0.00	71.84 3.15 0.00	67.96 3.73 0.00	63.05 3.89 0.00	53.04 3.39 0.00	42.20 3.02 0.00	36.93 2.55 0.00	28.98 1.99 0.00	29.09 2.11 0.00	32.50 2.60 0.00	38.35 2.79 0.00	50.10 3.40 0.00	55.84 3.60 0.00	46.34 3.39 0.00	39.27 2.83 0.00	38.69 2.82 0.00	42.03 2.82 0.00	45.53 2.74 0.00	39.23 2.06 0.00
NYS_BARGE__HYD 23848	45.41 -2.81 0.00	70.51 -5.76 0.00	66.99 -6.53 0.00	58.67 -5.99 0.00	53.46 -6.16 0.00	46.91 -7.74 12.32	45.34 -8.28 15.07	41.63 -8.13 14.47	47.35 -7.79 4.02	43.58 -6.07 0.00	34.96 -4.22 0.00	30.61 -3.76 0.00	23.82 -3.17 0.00	23.63 -3.35 0.00	26.11 -3.78 0.00	31.26 -4.29 0.00	41.52 -5.17 0.00	46.72 -5.52 0.00	38.41 -4.54 0.00	32.18 -4.04 0.22	31.10 -3.73 1.04	34.98 -4.23 0.00	39.01 -3.78 0.00	34.42 -2.74 0.00
OAK ORCHARD__HYD 24046	46.58 -1.64 0.00	72.86 -3.42 0.00	69.68 -3.85 0.00	61.16 -3.51 0.00	56.11 -3.51 0.00	62.53 -4.43 0.00	64.19 -4.52 -0.02	59.95 -4.30 -0.01	55.21 -3.95 0.00	46.57 -3.09 0.00	36.90 -2.28 0.00	32.33 -2.04 0.00	25.24 -1.75 0.00	25.16 -1.82 0.00	27.89 -2.00 0.00	33.39 -2.16 0.00	44.17 -2.52 0.00	49.58 -2.67 0.00	40.76 -2.19 0.00	34.46 -1.98 0.00	33.99 -1.88 0.00	37.02 -2.19 0.00	40.74 -2.05 0.00	35.58 -1.58 0.00

OAKDALE___35_KV_LOAD 356122	47.71 -0.51 0.00	75.11 -1.16 0.00	71.94 -1.58 0.00	63.23 -1.43 0.00	58.24 -1.37 0.00	68.72 -1.66 -3.41	71.32 -1.61 -4.24	66.85 -1.44 -4.06	59.07 -1.21 -1.11	48.62 -1.04 0.00	38.49 -0.68 0.00	33.59 -0.78 0.00	26.29 -0.70 0.00	26.38 -0.60 0.00	29.36 -0.53 0.00	35.03 -0.51 0.00	46.08 -0.62 0.00	51.52 -0.72 0.00	42.43 -0.52 0.00	35.99 -0.45 0.00	35.42 -0.44 0.00	38.63 -0.58 0.00	42.13 -0.66 0.00	36.45 -0.71 0.00
OCC_CHEM___DRP 24175	44.95 -3.28 0.00	69.83 -6.44 0.00	66.39 -7.14 0.00	58.14 -6.52 0.00	52.94 -6.68 0.00	44.97 -8.74 13.26	42.74 -9.50 16.45	39.16 -9.29 15.78	46.22 -8.62 4.32	43.04 -6.62 0.00	34.40 -4.78 0.00	30.08 -4.29 0.00	23.47 -3.53 0.00	23.24 -3.74 0.00	25.67 -4.23 0.00	30.69 -4.86 0.00	40.63 -6.07 0.00	45.58 -6.67 0.00	37.48 -5.47 0.00	31.39 -4.80 0.24	30.36 -4.38 1.13	34.33 -4.88 0.00	38.37 -4.42 0.00	33.80 -3.36 0.00
OH_GEN_PROXY 24063	45.10 -3.13 0.00	70.11 -6.16 0.00	66.71 -6.81 0.00	58.45 -6.21 0.00	53.31 -6.31 0.00	47.36 -8.12 11.48	45.66 -8.73 14.31	41.96 -8.55 13.71	41.74 -7.87 9.55	43.63 -6.02 0.00	34.87 -4.31 0.00	30.48 -3.89 0.00	23.77 -3.23 0.00	23.60 -3.38 0.00	26.10 -3.79 0.00	31.19 -4.37 0.00	41.31 -5.38 0.00	52.05 -5.81 -5.62	55.12 -4.76 -16.94	32.02 -4.20 0.21	30.94 -3.95 0.98	34.81 -4.40 0.00	38.77 -4.03 0.00	34.11 -3.05 0.00
OLIN_CORP_DRP 24177	44.96 -3.26 0.00	69.80 -6.47 0.00	66.33 -7.19 0.00	58.08 -6.58 0.00	52.87 -6.74 0.00	45.16 -8.47 13.34	43.28 -9.19 16.22	39.55 -9.09 15.59	46.18 -8.63 4.35	42.99 -6.66 0.00	34.44 -4.73 0.00	30.12 -4.25 0.00	23.49 -3.51 0.00	23.27 -3.72 0.00	25.67 -4.22 0.00	30.69 -4.86 0.00	40.69 -6.01 0.00	45.80 -6.44 0.00	37.67 -5.28 0.00	31.54 -4.65 0.24	30.40 -4.32 1.14	34.34 -4.87 0.00	38.40 -4.39 0.00	33.94 -3.22 0.00
OLIN_CORP_DSASP 323712	44.95 -3.28 0.00	69.83 -6.44 0.00	66.39 -7.14 0.00	58.14 -6.52 0.00	52.94 -6.68 0.00	44.97 -8.74 13.26	42.74 -9.50 16.45	39.16 -9.29 15.78	46.22 -8.62 4.32	43.04 -6.62 0.00	34.40 -4.78 0.00	30.08 -4.29 0.00	23.47 -3.53 0.00	23.24 -3.74 0.00	25.67 -4.23 0.00	30.69 -4.86 0.00	40.63 -6.07 0.00	45.58 -6.67 0.00	37.48 -5.47 0.00	31.39 -4.80 0.24	30.36 -4.38 1.13	34.33 -4.88 0.00	38.37 -4.42 0.00	33.80 -3.36 0.00
ONEIDA_HERK_LFGE 323681	49.57 1.35 0.00	78.11 1.83 0.00	75.27 1.75 0.00	65.74 1.08 0.00	60.65 1.03 0.00	68.69 1.73 0.00	71.01 2.31 0.00	65.99 1.76 0.00	60.30 1.14 0.00	50.05 0.39 0.00	39.14 -0.04 0.00	34.27 -0.10 0.00	26.84 -0.16 0.00	26.87 -0.11 0.00	29.96 0.06 0.00	35.94 0.38 0.00	47.24 0.55 0.00	52.91 0.66 0.00	43.42 0.48 0.00	36.77 0.33 0.00	36.14 0.28 0.00	39.49 0.28 0.00	43.09 0.30 0.00	37.32 0.16 0.00
ONEIDA___115KV_TB4 55905	49.47 1.25 0.00	77.89 1.62 0.00	75.04 1.52 0.00	65.94 1.28 0.00	60.86 1.25 0.00	68.74 1.77 0.00	70.82 2.13 0.00	66.18 1.95 0.00	60.64 1.48 0.00	50.45 0.79 0.00	39.56 0.39 0.00	34.63 0.25 0.00	27.11 0.11 0.00	27.11 0.13 0.00	30.20 0.30 0.00	36.18 0.63 0.00	47.83 1.14 0.00	53.57 1.33 0.00	44.04 1.10 0.00	37.25 0.81 0.00	36.63 0.76 0.00	39.97 0.76 0.00	43.57 0.78 0.00	37.70 0.54 0.00
ONONDAGA_REF_OCCRA 23987	47.52 -0.70 0.00	74.78 -1.50 0.00	71.81 -1.72 0.00	63.14 -1.53 0.00	58.19 -1.43 0.00	65.36 -1.61 0.00	67.22 -1.47 0.00	62.83 -1.40 0.00	57.88 -1.28 0.00	48.48 -1.18 0.00	38.30 -0.89 0.00	33.53 -0.84 0.00	26.29 -0.71 0.00	26.31 -0.67 0.00	29.23 -0.67 0.00	34.91 -0.64 0.00	45.91 -0.79 0.00	51.37 -0.87 0.00	42.25 -0.69 0.00	35.86 -0.58 0.00	35.30 -0.56 0.00	38.51 -0.70 0.00	42.02 -0.77 0.00	36.46 -0.70 0.00
ONONDAGA___COGEN 23986	47.42 -0.80 0.00	74.66 -1.62 0.00	71.72 -1.80 0.00	63.06 -1.60 0.00	58.11 -1.50 0.00	65.26 -1.71 0.00	67.12 -1.57 0.00	62.78 -1.45 0.00	57.82 -1.34 0.00	48.41 -1.25 0.00	38.20 -0.98 0.00	33.45 -0.92 0.00	26.22 -0.77 0.00	26.27 -0.71 0.00	29.22 -0.68 0.00	34.87 -0.69 0.00	45.85 -0.85 0.00	51.28 -0.97 0.00	42.20 -0.75 0.00	35.82 -0.61 0.00	35.27 -0.60 0.00	38.46 -0.76 0.00	41.95 -0.84 0.00	36.42 -0.74 0.00
ONTARIO___LFGE 23819	47.33 -0.89 0.00	74.27 -2.01 0.00	71.16 -2.37 0.00	62.51 -2.15 0.00	57.47 -2.15 0.00	64.39 -2.58 0.00	66.26 -2.43 0.00	61.97 -2.26 0.00	57.08 -2.09 0.00	47.86 -1.80 0.00	37.80 -1.38 0.00	33.01 -1.37 0.00	25.83 -1.17 0.00	25.81 -1.17 0.00	28.69 -1.21 0.00	34.36 -1.19 0.00	45.44 -1.26 0.00	50.93 -1.31 0.00	41.98 -0.96 0.00	35.68 -0.92 -0.16	35.78 -0.83 -0.74	38.15 -1.06 0.00	41.66 -1.13 0.00	36.13 -1.04 0.00
ORANGEVILLE_WT_PWR 323706	46.19 -2.03 0.00	71.63 -4.65 0.00	67.76 -5.77 0.00	58.98 -5.68 0.00	53.39 -6.22 0.01	3.30 -7.94 55.73	-8.46 -8.03 69.11	-9.73 -7.68 66.28	33.85 -7.15 18.17	43.79 -5.87 0.00	35.03 -4.15 0.00	30.47 -3.91 0.00	23.75 -3.24 0.00	23.77 -3.22 0.00	26.43 -3.46 0.00	31.78 -3.77 0.00	41.97 -4.73 0.00	47.02 -5.22 0.00	38.60 -4.35 0.00	31.54 -3.87 1.03	27.37 -3.68 4.82	35.14 -4.07 0.00	38.75 -4.05 0.00	33.87 -3.29 0.00
ORANGEVILLE___ESR 323794	46.19 -2.03 0.00	71.63 -4.65 0.00	67.76 -5.77 0.00	58.98 -5.68 0.00	53.39 -6.22 0.01	3.30 -7.94 55.73	-8.46 -8.03 69.11	-9.73 -7.68 66.28	33.85 -7.15 18.17	43.79 -5.87 0.00	35.03 -4.15 0.00	30.47 -3.91 0.00	23.75 -3.24 0.00	23.77 -3.22 0.00	26.43 -3.46 0.00	31.78 -3.77 0.00	41.97 -4.73 0.00	47.02 -5.22 0.00	38.60 -4.35 0.00	31.54 -3.87 1.03	27.37 -3.68 4.82	35.14 -4.07 0.00	38.75 -4.05 0.00	33.87 -3.29 0.00
OSWEGATCHIE___HYD 24044	49.18 0.96 0.00	77.93 1.65 0.00	75.12 1.60 0.00	65.37 0.71 0.00	60.16 0.55 0.00	67.83 0.87 0.00	70.39 1.70 0.00	65.19 0.96 0.00	59.36 0.19 0.00	49.39 -0.27 0.00	38.39 -0.79 0.00	33.71 -0.66 0.00	26.47 -0.52 0.00	26.48 -0.50 0.00	29.48 -0.41 0.00	35.24 -0.31 0.00	46.05 -0.64 0.00	51.55 -0.70 0.00	42.18 -0.76 0.00	35.74 -0.69 0.00	35.09 -0.78 0.00	38.46 -0.75 0.00	42.45 -0.34 0.00	36.97 -0.19 0.00
OSWEGO___5 23606	46.67 -1.55 0.00	73.55 -2.72 0.00	70.72 -2.80 0.00	62.17 -2.49 0.00	57.28 -2.34 0.00	64.31 -2.66 0.00	66.04 -2.65 0.00	61.75 -2.48 0.00	56.89 -2.28 0.00	47.69 -1.96 0.00	37.69 -1.50 0.00	33.07 -1.30 0.00	25.96 -1.04 0.00	25.96 -1.03 0.00	28.81 -1.09 0.00	34.31 -1.24 0.00	45.06 -1.63 0.00	50.40 -1.85 0.00	41.46 -1.49 0.00	35.20 -1.24 0.00	34.66 -1.21 0.00	37.82 -1.39 0.00	41.29 -1.51 0.00	35.89 -1.28 0.00
OSWEGO___6 23613	46.67 -1.55 0.00	73.55 -2.72 0.00	70.72 -2.80 0.00	62.17 -2.49 0.00	57.28 -2.34 0.00	64.31 -2.66 0.00	66.04 -2.65 0.00	61.75 -2.48 0.00	56.89 -2.28 0.00	47.69 -1.96 0.00	37.69 -1.50 0.00	33.07 -1.30 0.00	25.96 -1.04 0.00	25.96 -1.03 0.00	28.81 -1.09 0.00	34.31 -1.24 0.00	45.06 -1.63 0.00	50.40 -1.85 0.00	41.46 -1.49 0.00	35.20 -1.24 0.00	34.66 -1.21 0.00	37.82 -1.39 0.00	41.29 -1.51 0.00	35.89 -1.28 0.00

OUTOKUMPU-AB___DRP 24206	45.95 -2.27 0.00	71.33 -4.95 0.00	67.76 -5.76 0.00	59.33 -5.33 0.00	54.00 -5.61 0.00	45.68 -7.34 13.95	43.54 -7.94 17.21	39.95 -7.77 16.51	47.44 -7.18 4.55	44.19 -5.47 0.00	35.34 -3.84 0.00	30.90 -3.47 0.00	24.06 -2.94 0.00	23.87 -3.11 0.00	26.41 -3.48 0.00	31.64 -3.92 0.00	41.87 -4.82 0.00	47.09 -5.16 0.00	38.72 -4.22 0.00	32.41 -3.77 0.25	31.20 -3.47 1.20	35.31 -3.90 0.00	39.35 -3.43 0.00	34.60 -2.57 0.00
OXBOW___BTM 323836	45.39 -2.83 0.00	70.47 -5.80 0.00	66.98 -6.55 0.00	58.64 -6.02 0.00	53.42 -6.19 0.00	45.32 -8.03 13.61	43.20 -8.65 16.84	39.64 -8.44 16.15	46.82 -7.90 4.44	43.54 -6.12 0.00	34.84 -4.34 0.00	30.46 -3.92 0.00	23.73 -3.26 0.00	23.54 -3.44 0.00	26.02 -3.87 0.00	31.13 -4.42 0.00	41.25 -5.45 0.00	46.31 -5.94 0.00	38.07 -4.88 0.00	31.89 -4.30 0.25	30.78 -3.92 1.17	34.79 -4.42 0.00	38.80 -3.99 0.00	34.16 -3.00 0.00
OXBOW___ 24026	45.39 -2.83 0.00	70.48 -5.79 0.00	66.98 -6.55 0.00	58.65 -6.01 0.00	53.40 -6.21 0.00	45.24 -8.12 13.61	43.04 -8.82 16.84	39.48 -8.60 16.15	46.78 -7.95 4.44	43.57 -6.09 0.00	34.84 -4.34 0.00	30.46 -3.91 0.00	23.73 -3.26 0.00	23.54 -3.44 0.00	26.02 -3.87 0.00	31.14 -4.42 0.00	41.23 -5.47 0.00	46.31 -5.94 0.00	38.07 -4.87 0.00	31.88 -4.30 0.25	30.76 -3.94 1.17	34.79 -4.42 0.00	38.83 -3.96 0.00	34.16 -3.00 0.00
OXY_CHEM_DSASP 323612	44.95 -3.28 0.00	69.83 -6.44 0.00	66.39 -7.14 0.00	58.14 -6.52 0.00	52.94 -6.68 0.00	44.97 -8.74 13.26	42.74 -9.50 16.45	39.16 -9.29 15.78	46.22 -8.62 4.32	43.04 -6.62 0.00	34.40 -4.78 0.00	30.08 -4.29 0.00	23.47 -3.53 0.00	23.24 -3.74 0.00	25.67 -4.23 0.00	30.69 -4.86 0.00	40.63 -6.07 0.00	45.58 -6.67 0.00	37.48 -5.47 0.00	31.39 -4.80 0.24	30.36 -4.38 1.13	34.33 -4.88 0.00	38.37 -4.42 0.00	33.80 -3.36 0.00
OZONE_PARK_ESR 323760	50.83 2.61 0.00	79.30 3.03 0.00	76.23 2.71 0.00	67.32 2.66 0.00	62.61 2.99 0.00	70.41 3.45 0.00	72.78 4.09 0.00	68.79 4.56 0.00	63.67 4.50 0.00	53.75 4.09 0.00	42.68 3.50 0.00	37.34 2.97 0.00	29.28 2.28 0.00	29.37 2.39 0.00	32.71 2.82 0.00	38.76 3.20 0.00	50.80 4.11 0.00	56.64 4.39 0.00	46.70 3.76 0.00	39.64 3.21 0.00	39.04 3.17 0.00	42.43 3.22 0.00	46.01 3.22 0.00	39.57 2.41 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	44.95 -3.28 0.00	69.83 -6.44 0.00	66.39 -7.14 0.00	58.14 -6.52 0.00	52.94 -6.68 0.00	44.97 -8.74 13.26	42.74 -9.50 16.45	39.16 -9.29 15.78	46.22 -8.62 4.32	43.04 -6.62 0.00	34.40 -4.78 0.00	30.08 -4.29 0.00	23.47 -3.53 0.00	23.24 -3.74 0.00	25.67 -4.23 0.00	30.69 -4.86 0.00	40.63 -6.07 0.00	45.58 -6.67 0.00	37.48 -5.47 0.00	31.39 -4.80 0.24	30.36 -4.38 1.13	34.33 -4.88 0.00	38.37 -4.42 0.00	33.80 -3.36 0.00
PACKARD___115KV_DUPONT_184 80571	44.95 -3.28 0.00	69.83 -6.44 0.00	66.39 -7.14 0.00	58.15 -6.52 0.00	52.96 -6.65 0.00	45.06 -8.65 13.26	42.88 -9.36 16.45	39.29 -9.16 15.78	46.26 -8.57 4.32	43.01 -6.65 0.00	34.40 -4.78 0.00	30.08 -4.29 0.00	23.46 -3.53 0.00	23.25 -3.73 0.00	25.67 -4.22 0.00	30.68 -4.87 0.00	40.65 -6.04 0.00	45.58 -6.67 0.00	37.48 -5.47 0.00	31.40 -4.80 0.24	30.38 -4.35 1.13	34.33 -4.88 0.00	38.33 -4.46 0.00	33.81 -3.35 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.21 1.98 0.00	78.30 2.02 0.00	75.47 1.95 0.00	66.84 2.18 0.00	62.10 2.48 0.00	69.72 2.75 0.00	71.91 3.22 0.00	67.97 3.74 0.00	63.02 3.86 0.00	53.05 3.39 0.00	42.22 3.04 0.00	36.93 2.55 0.00	28.99 2.00 0.00	29.10 2.12 0.00	32.46 2.57 0.00	38.30 2.75 0.00	50.12 3.43 0.00	55.91 3.66 0.00	46.31 3.37 0.00	39.25 2.81 0.00	38.63 2.76 0.00	42.00 2.79 0.00	45.50 2.71 0.00	39.25 2.08 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.11 2.89 0.00	79.73 3.46 0.00	76.87 3.34 0.00	68.08 3.42 0.00	63.30 3.69 0.00	71.04 4.08 0.00	73.34 4.65 0.00	69.39 5.16 0.00	64.31 5.15 0.00	54.06 4.40 0.00	43.02 3.84 0.00	37.59 3.22 0.00	29.50 2.51 0.00	29.61 2.63 0.00	33.02 3.13 0.00	38.98 3.42 0.00	51.06 4.36 0.00	56.94 4.69 0.00	47.16 4.21 0.00	39.97 3.53 0.00	39.29 3.42 0.00	42.73 3.52 0.00	46.27 3.48 0.00	39.91 2.75 0.00
PATROON___115KV_TB1 80586	49.93 1.70 0.00	78.62 2.35 0.00	75.90 2.38 0.00	66.91 2.25 0.00	61.89 2.27 0.00	69.51 2.55 0.00	70.69 1.99 0.00	65.80 1.56 0.00	60.71 1.55 0.00	50.99 1.33 0.00	40.15 0.98 0.00	35.24 0.87 0.00	27.71 0.72 0.00	27.75 0.76 0.00	30.72 0.82 0.00	36.50 0.94 0.00	47.76 1.07 0.00	53.40 1.16 0.00	43.85 0.90 0.00	37.18 0.74 0.00	36.65 0.78 0.00	40.26 1.05 0.00	44.13 1.34 0.00	38.56 1.39 0.00
PATTRSNVILLE___SOLAR 323815	49.70 1.48 0.00	78.33 2.05 0.00	75.50 1.97 0.00	66.43 1.77 0.00	61.35 1.74 0.00	69.13 2.16 0.00	70.93 2.24 0.00	66.38 2.15 0.00	60.88 1.72 0.00	50.63 0.97 0.00	39.88 0.70 0.00	34.91 0.54 0.00	27.40 0.41 0.00	27.33 0.35 0.00	30.41 0.52 0.00	36.36 0.81 0.00	48.17 1.47 0.00	53.98 1.74 0.00	44.36 1.41 0.00	37.61 1.17 0.00	37.01 1.14 0.00	40.50 1.29 0.00	44.06 1.27 0.00	38.20 1.04 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	47.18 -1.05 0.00	73.36 -2.91 0.00	69.70 -3.83 0.00	60.99 -3.67 0.00	55.60 -4.01 0.00	47.65 -5.34 13.98	45.68 -5.78 17.24	41.98 -5.71 16.54	49.55 -5.05 4.56	45.89 -3.77 0.00	36.62 -2.56 0.00	31.96 -2.42 0.00	24.88 -2.12 0.00	24.75 -2.23 0.00	27.47 -2.43 0.00	32.92 -2.63 0.00	43.55 -3.14 0.00	48.95 -3.29 0.00	40.24 -2.71 0.00	33.70 -2.47 0.26	32.37 -2.27 1.23	36.61 -2.60 0.00	40.59 -2.20 0.00	35.51 -1.65 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	50.71 2.49 0.00	79.36 3.09 0.00	76.31 2.79 0.00	67.39 2.73 0.00	62.57 2.96 0.00	70.41 3.44 0.00	72.59 3.89 0.00	68.44 4.21 0.00	63.29 4.12 0.00	53.26 3.60 0.00	42.20 3.02 0.00	36.88 2.50 0.00	28.92 1.93 0.00	29.02 2.04 0.00	32.31 2.42 0.00	38.33 2.78 0.00	50.32 3.62 0.00	56.21 3.96 0.00	46.36 3.41 0.00	39.30 2.87 0.00	38.70 2.84 0.00	42.11 2.90 0.00	45.69 2.90 0.00	39.32 2.16 0.00
PEEKSKILL___ 23653	50.03 1.81 0.00	78.29 2.01 0.00	75.26 1.74 0.00	66.46 1.80 0.00	61.71 2.09 0.00	69.35 2.38 0.00	71.48 2.79 0.00	67.41 3.18 0.00	62.41 3.25 0.00	52.64 2.98 0.00	41.77 2.60 0.00	36.52 2.15 0.00	28.64 1.65 0.00	28.75 1.77 0.00	32.00 2.11 0.00	37.91 2.36 0.00	49.70 3.00 0.00	55.50 3.26 0.00	45.79 2.85 0.00	38.84 2.40 0.00	38.26 2.39 0.00	41.65 2.44 0.00	45.22 2.43 0.00	38.94 1.78 0.00
PGE MADISON___WINDPWR 24146	51.42 3.19 0.00	80.93 4.66 0.00	77.45 3.92 0.00	67.54 2.88 0.00	61.23 1.62 0.00	72.48 1.10 -4.41	75.09 0.93 -5.47	71.22 1.75 -5.25	61.80 1.19 -1.45	49.05 -0.61 0.00	38.18 -1.00 0.00	33.23 -1.14 0.00	26.05 -0.94 0.00	26.08 -0.91 0.00	29.13 -0.76 0.00	35.39 -0.16 0.00	47.08 0.38 0.00	52.88 0.64 0.00	43.61 0.67 0.00	36.92 0.44 -0.05	36.49 0.37 -0.25	39.43 0.22 0.00	42.77 -0.03 0.00	36.81 -0.36 0.00

PIERCEFIELD___HYD 23852	49.26 1.04 0.00	78.39 2.12 0.00	75.65 2.13 0.00	66.24 1.58 0.00	60.92 1.31 0.00	68.07 1.10 0.00	70.17 1.48 0.00	65.37 1.14 0.00	59.81 0.64 0.00	50.31 0.65 0.00	39.31 0.13 0.00	34.56 0.19 0.00	27.27 0.27 0.00	27.19 0.21 0.00	29.99 0.10 0.00	35.61 0.06 0.00	46.67 -0.02 0.00	52.17 -0.07 0.00	42.73 -0.22 0.00	36.25 -0.19 0.00	35.56 -0.30 0.00	39.07 -0.14 0.00	43.19 0.40 0.00	37.77 0.61 0.00
PINELAWN_CC_1 323563	51.25 3.02 0.00	79.93 3.66 0.00	76.52 3.00 0.00	67.66 3.00 0.00	63.06 3.44 0.00	70.81 3.84 0.00	73.06 4.37 0.00	68.88 4.65 0.00	63.50 4.34 0.00	53.93 4.27 0.00	42.67 3.49 0.00	37.15 2.78 0.00	29.20 2.21 0.00	29.40 2.42 0.00	32.81 2.91 0.00	48.81 3.42 -9.84	84.88 4.37 -33.82	62.23 4.49 -5.50	46.80 3.85 -0.01	43.57 3.32 -3.81	51.37 3.33 -12.17	45.43 3.48 -2.74	46.29 3.50 -0.01	39.78 2.62 0.00
PJM_GEN_HTP_PROXY 323702	50.99 2.08 -0.69	78.54 2.27 0.00	75.51 1.98 0.00	66.45 2.04 0.25	62.01 2.39 0.00	69.74 2.77 0.00	72.01 3.32 0.00	68.00 3.77 0.00	62.96 3.79 0.00	53.19 3.53 0.00	42.23 3.05 0.00	36.95 2.57 0.00	28.98 1.99 0.00	29.08 2.10 0.00	32.38 2.49 0.00	38.36 2.81 0.00	50.24 3.55 0.00	56.00 3.75 0.00	46.21 3.26 0.00	39.17 2.74 0.00	38.59 2.73 0.00	41.96 2.74 0.00	45.53 2.74 0.00	39.19 2.02 0.00
PJM_GEN_KEystone 24065	48.50 -0.41 -0.69	74.81 -1.46 0.00	71.61 -1.92 0.00	62.76 -1.65 0.25	58.16 -1.45 0.00	64.20 -1.89 0.88	67.01 -1.68 0.00	62.85 -1.38 0.00	58.21 -0.96 0.00	49.13 -0.52 0.00	39.08 -0.10 0.00	34.06 -0.31 0.00	26.62 -0.38 0.00	26.73 -0.25 0.00	29.75 -0.14 0.00	35.39 -0.17 0.00	46.48 -0.22 0.00	51.95 -0.30 0.00	42.85 -0.09 0.00	36.25 -0.13 0.05	35.55 -0.07 0.25	39.00 -0.21 0.00	42.59 -0.20 0.00	36.82 -0.34 0.00
PJM_GEN_NEPTUNE_PROXY 323594	51.31 2.39 -0.69	79.20 2.92 0.00	75.87 2.34 0.00	66.76 2.35 0.25	62.47 2.85 0.00	70.19 3.22 0.00	72.32 3.62 0.00	68.18 3.94 0.00	62.93 3.77 0.00	53.42 3.76 0.00	42.26 3.09 0.00	36.83 2.46 0.00	28.95 1.96 0.00	29.12 2.14 0.00	32.46 2.57 0.00	46.98 2.93 -8.49	79.54 3.68 -29.18	60.76 3.77 -4.74	46.20 3.25 -0.01	42.52 2.81 -3.29	49.19 2.83 -10.50	44.50 2.92 -2.37	45.71 2.91 0.00	39.32 2.15 0.00
PJM_GEN_VFT_PROXY 323633	50.71 1.79 -0.69	78.07 1.80 0.00	75.04 1.51 0.00	66.02 1.61 0.25	61.64 2.02 0.00	69.28 2.32 0.00	71.60 2.91 0.00	67.61 3.38 0.00	62.61 3.44 0.00	52.91 3.26 0.00	42.03 2.85 0.00	36.77 2.40 0.00	28.85 1.86 0.00	28.95 1.97 0.00	32.22 2.33 0.00	38.17 2.63 0.00	49.97 3.28 0.00	55.71 3.47 0.00	46.00 3.05 0.00	39.00 2.57 0.00	38.42 2.56 0.00	41.75 2.54 0.00	45.24 2.46 0.00	38.93 1.77 0.00
PLATSBURG_115KV_PMLD1 355749	49.68 1.45 0.00	79.11 2.84 0.00	76.32 2.79 0.00	67.04 2.38 0.00	61.75 2.14 0.00	69.32 2.36 0.00	71.16 2.47 0.00	66.60 2.37 0.00	60.92 1.75 0.00	50.74 1.09 0.00	39.60 0.42 0.00	34.91 0.54 0.00	27.53 0.54 0.00	27.41 0.43 0.00	29.99 0.10 0.00	35.46 -0.09 0.00	46.67 -0.03 0.00	52.17 -0.07 0.00	42.67 -0.28 0.00	36.18 -0.25 0.00	35.49 -0.38 0.00	38.95 -0.26 0.00	42.49 -0.30 0.00	36.94 -0.22 0.00
PLEASANTVLY___LBMP 24000	49.87 1.65 0.00	78.12 1.85 0.00	75.20 1.67 0.00	66.41 1.75 0.00	61.62 2.00 0.00	69.25 2.28 0.00	71.22 2.52 0.00	67.07 2.84 0.00	62.04 2.87 0.00	52.27 2.61 0.00	41.44 2.26 0.00	36.25 1.88 0.00	28.47 1.48 0.00	28.57 1.59 0.00	31.78 1.88 0.00	37.62 2.07 0.00	49.32 2.63 0.00	55.07 2.83 0.00	45.41 2.46 0.00	38.52 2.08 0.00	37.93 2.06 0.00	41.34 2.13 0.00	44.90 2.11 0.00	38.71 1.55 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.25 2.03 0.00	78.62 2.34 0.00	75.61 2.08 0.00	66.74 2.08 0.00	62.00 2.39 0.00	69.70 2.73 0.00	71.84 3.14 0.00	67.74 3.51 0.00	62.66 3.50 0.00	52.83 3.17 0.00	41.91 2.74 0.00	36.66 2.28 0.00	28.77 1.78 0.00	28.87 1.89 0.00	32.13 2.23 0.00	38.07 2.52 0.00	49.88 3.19 0.00	55.69 3.45 0.00	45.92 2.97 0.00	38.94 2.50 0.00	38.35 2.49 0.00	41.77 2.56 0.00	45.33 2.54 0.00	39.04 1.88 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.25 2.03 0.00	78.62 2.34 0.00	75.61 2.08 0.00	66.74 2.08 0.00	62.00 2.39 0.00	69.70 2.73 0.00	71.84 3.14 0.00	67.74 3.51 0.00	62.66 3.50 0.00	52.83 3.17 0.00	41.91 2.74 0.00	36.66 2.28 0.00	28.77 1.78 0.00	28.87 1.89 0.00	32.13 2.23 0.00	38.07 2.52 0.00	49.88 3.19 0.00	55.69 3.45 0.00	45.92 2.97 0.00	38.94 2.50 0.00	38.35 2.49 0.00	41.77 2.56 0.00	45.33 2.54 0.00	39.04 1.88 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.50 2.27 0.00	79.09 2.81 0.00	76.11 2.59 0.00	67.21 2.55 0.00	62.36 2.75 0.00	70.14 3.18 0.00	72.22 3.53 0.00	68.00 3.77 0.00	62.87 3.71 0.00	52.86 3.20 0.00	41.85 2.67 0.00	36.57 2.20 0.00	28.69 1.69 0.00	28.79 1.80 0.00	32.05 2.15 0.00	38.02 2.47 0.00	49.95 3.25 0.00	55.84 3.59 0.00	46.04 3.09 0.00	39.03 2.60 0.00	38.43 2.56 0.00	41.86 2.65 0.00	45.44 2.64 0.00	39.14 1.98 0.00
POLETTI____ 23519	50.16 1.94 0.00	78.30 2.02 0.00	75.29 1.76 0.00	66.50 1.84 0.00	61.87 2.26 0.00	69.58 2.61 0.00	71.84 3.15 0.00	67.87 3.64 0.00	62.83 3.67 0.00	53.07 3.41 0.00	42.15 2.97 0.00	36.87 2.50 0.00	28.92 1.93 0.00	29.03 2.05 0.00	32.33 2.43 0.00	38.29 2.74 0.00	50.14 3.45 0.00	55.87 3.62 0.00	46.13 3.18 0.00	39.12 2.68 0.00	38.53 2.66 0.00	41.88 2.67 0.00	45.42 2.63 0.00	39.09 1.93 0.00
POMONA___ESR 323819	49.94 1.72 0.00	78.23 1.95 0.00	75.20 1.68 0.00	66.40 1.74 0.00	61.64 2.02 0.00	69.24 2.27 0.00	71.37 2.68 0.00	67.32 3.09 0.00	62.36 3.20 0.00	52.58 2.93 0.00	41.75 2.57 0.00	36.51 2.14 0.00	28.61 1.62 0.00	28.72 1.74 0.00	31.96 2.07 0.00	37.87 2.32 0.00	49.65 2.96 0.00	55.48 3.23 0.00	45.78 2.83 0.00	38.82 2.38 0.00	38.24 2.38 0.00	41.65 2.44 0.00	45.22 2.43 0.00	38.93 1.77 0.00
PORT_JEFF_3 23555	51.42 3.20 0.00	79.82 3.55 0.00	76.20 2.67 0.00	67.28 2.61 0.00	62.88 3.27 0.00	70.69 3.72 0.00	72.98 4.29 0.00	68.68 4.45 0.00	63.07 3.90 0.00	53.67 4.01 0.00	42.59 3.41 0.00	37.19 2.82 0.00	29.29 2.29 0.00	29.46 2.48 0.00	32.88 2.98 0.00	48.06 3.47 -9.04	82.25 4.48 -31.07	61.73 4.43 -5.05	46.73 3.77 -0.01	43.29 3.36 -3.50	50.47 3.42 -11.18	45.28 3.55 -2.52	46.38 3.59 -0.01	39.87 2.71 0.00
PORT_JEFF_4 23616	51.42 3.20 0.00	79.82 3.55 0.00	76.20 2.67 0.00	67.28 2.61 0.00	62.88 3.27 0.00	70.69 3.72 0.00	72.98 4.29 0.00	68.68 4.45 0.00	63.07 3.90 0.00	53.67 4.01 0.00	42.59 3.41 0.00	37.19 2.82 0.00	29.29 2.29 0.00	29.46 2.48 0.00	32.88 2.98 0.00	48.06 3.47 -9.04	82.25 4.48 -31.07	61.73 4.43 -5.05	46.73 3.77 -0.01	43.29 3.36 -3.50	50.47 3.42 -11.18	45.28 3.55 -2.52	46.38 3.59 -0.01	39.87 2.71 0.00

PORT_JEFF_IC 23713	51.48 3.26 0.00	79.97 3.69 0.00	76.36 2.84 0.00	67.42 2.76 0.00	63.02 3.40 0.00	70.87 3.90 0.00	73.19 4.50 0.00	68.87 4.64 0.00	63.03 3.86 0.00	53.65 3.99 0.00	42.67 3.49 0.00	37.26 2.89 0.00	29.35 2.36 0.00	29.52 2.53 0.00	32.92 3.03 0.00	48.13 3.51 -9.07	82.43 4.57 -31.16	61.74 4.43 -5.07	46.73 3.78 -0.01	43.30 3.36 -3.51	50.50 3.42 -11.21	45.29 3.55 -2.53	46.46 3.66 -0.01	39.93 2.77 0.00
PPL PILGRIM_ST_GT1 24216	51.62 3.39 0.00	80.34 4.06 0.00	76.83 3.30 0.00	67.82 3.16 0.00	63.33 3.71 0.00	71.20 4.24 0.00	73.47 4.77 0.00	69.19 4.96 0.00	63.73 4.57 0.00	54.13 4.47 0.00	42.84 3.66 0.00	37.35 2.97 0.00	29.38 2.39 0.00	29.59 2.61 0.00	33.01 3.12 0.00	48.39 3.66 -9.18	82.83 4.61 -31.52	62.01 4.64 -5.12	47.02 4.07 -0.01	43.55 3.56 -3.55	50.79 3.58 -11.34	45.51 3.74 -2.56	46.55 3.75 -0.01	40.01 2.85 0.00
PPL PILGRIM_ST_GT2 24217	51.62 3.39 0.00	80.34 4.06 0.00	76.83 3.30 0.00	67.82 3.16 0.00	63.33 3.71 0.00	71.20 4.24 0.00	73.47 4.77 0.00	69.19 4.96 0.00	63.73 4.57 0.00	54.13 4.47 0.00	42.84 3.66 0.00	37.35 2.97 0.00	29.38 2.39 0.00	29.59 2.61 0.00	33.01 3.12 0.00	48.39 3.66 -9.18	82.83 4.61 -31.52	62.01 4.64 -5.12	47.02 4.07 -0.01	43.55 3.56 -3.55	50.79 3.58 -11.34	45.51 3.74 -2.56	46.55 3.75 -0.01	40.01 2.85 0.00
PPL_SHRM_GT3 24213	52.00 3.78 0.00	80.82 4.55 0.00	77.25 3.72 0.00	68.22 3.55 0.00	63.80 4.19 0.00	71.79 4.82 0.00	74.22 5.53 0.00	69.91 5.68 0.00	64.26 5.09 0.00	54.42 4.76 0.00	42.74 3.56 0.00	37.30 2.92 0.00	29.47 2.48 0.00	29.53 2.55 0.00	32.99 3.10 0.00	48.12 3.52 -9.06	82.64 4.83 -31.12	61.94 4.64 -5.06	46.90 3.95 -0.01	43.50 3.56 -3.51	50.87 3.81 -11.20	45.62 3.89 -2.52	46.62 3.83 -0.01	40.07 2.91 0.00
PPL_SHRM_GT4 24214	52.00 3.78 0.00	80.82 4.55 0.00	77.25 3.72 0.00	68.22 3.55 0.00	63.80 4.19 0.00	71.79 4.82 0.00	74.22 5.53 0.00	69.91 5.68 0.00	64.26 5.09 0.00	54.42 4.76 0.00	42.74 3.56 0.00	37.30 2.92 0.00	29.47 2.48 0.00	29.53 2.55 0.00	32.99 3.10 0.00	48.12 3.52 -9.06	82.64 4.83 -31.12	61.94 4.64 -5.06	46.90 3.95 -0.01	43.50 3.56 -3.51	50.87 3.81 -11.20	45.62 3.89 -2.52	46.62 3.83 -0.01	40.07 2.91 0.00
PROJECT___ORANGE 1 24174	47.18 -1.04 0.00	74.24 -2.03 0.00	71.34 -2.18 0.00	62.72 -1.95 0.00	57.81 -1.81 0.00	64.91 -2.06 0.00	66.72 -1.98 0.00	62.42 -1.81 0.00	57.52 -1.65 0.00	48.20 -1.46 0.00	38.09 -1.09 0.00	33.39 -0.98 0.00	26.19 -0.81 0.00	26.19 -0.78 0.00	29.11 -0.78 0.00	34.70 -0.85 0.00	45.63 -1.07 0.00	51.03 -1.21 0.00	41.97 -0.97 0.00	35.62 -0.82 0.00	35.07 -0.79 0.00	38.25 -0.97 0.00	41.79 -1.00 0.00	36.28 -0.89 0.00
PROJECT___ORANGE 2 24166	47.18 -1.04 0.00	74.24 -2.03 0.00	71.34 -2.18 0.00	62.72 -1.95 0.00	57.81 -1.81 0.00	64.91 -2.06 0.00	66.72 -1.98 0.00	62.42 -1.81 0.00	57.52 -1.65 0.00	48.20 -1.46 0.00	38.09 -1.09 0.00	33.39 -0.98 0.00	26.19 -0.81 0.00	26.19 -0.78 0.00	29.11 -0.78 0.00	34.70 -0.85 0.00	45.63 -1.07 0.00	51.03 -1.21 0.00	41.97 -0.97 0.00	35.62 -0.82 0.00	35.07 -0.79 0.00	38.25 -0.97 0.00	41.79 -1.00 0.00	36.28 -0.89 0.00
PUCKETT___SOLAR 323809	48.67 0.45 0.00	76.67 0.39 0.00	73.30 -0.23 0.00	64.47 -0.20 0.00	59.33 -0.28 0.00	69.52 -0.68 -3.23	71.96 -0.74 -4.01	67.57 -0.51 -3.84	59.61 -0.61 -1.05	48.66 -1.00 0.00	38.31 -0.87 0.00	33.35 -1.02 0.00	26.13 -0.86 0.00	26.19 -0.80 0.00	29.29 -0.61 0.00	35.16 -0.39 0.00	46.45 -0.25 0.00	51.98 -0.27 0.00	42.83 -0.11 0.00	36.29 -0.15 0.00	35.72 -0.15 0.00	38.94 -0.27 0.00	42.39 -0.40 0.00	36.61 -0.55 0.00
PYRITES___HYD 24023	50.00 1.78 0.00	79.60 3.32 0.00	76.88 3.35 0.00	67.40 2.74 0.00	62.09 2.47 0.00	69.40 2.43 0.00	71.54 2.85 0.00	66.65 2.42 0.00	60.92 1.76 0.00	51.15 1.50 0.00	39.79 0.61 0.00	34.93 0.56 0.00	27.65 0.66 0.00	27.55 0.56 0.00	30.53 0.64 0.00	36.40 0.85 0.00	47.90 1.20 0.00	53.56 1.32 0.00	43.87 0.93 0.00	37.21 0.77 0.00	36.49 0.62 0.00	40.00 0.79 0.00	44.08 1.28 0.00	38.52 1.36 0.00
QUAKERRD_115KV_BK1 80622	45.70 -2.52 0.00	71.60 -4.68 0.00	68.55 -4.97 0.00	60.19 -4.47 0.00	55.26 -4.35 0.00	59.13 -5.27 2.57	60.11 -5.40 3.18	56.07 -5.11 3.05	53.67 -4.66 0.84	45.94 -3.71 0.00	36.38 -2.80 0.00	31.87 -2.50 0.00	24.93 -2.07 0.00	24.85 -2.13 0.00	27.57 -2.33 0.00	32.97 -2.58 0.00	43.52 -3.17 0.00	48.82 -3.42 0.00	40.14 -2.80 0.00	33.96 -2.47 0.00	33.47 -2.39 0.00	36.48 -2.73 0.00	40.08 -2.71 0.00	34.95 -2.21 0.00
QUENSBRY_115KV_TB8 356137	51.29 3.07 0.00	80.38 4.11 0.00	77.71 4.19 0.00	68.63 3.97 0.00	63.51 3.90 0.00	71.83 4.86 0.00	73.78 5.08 0.00	69.17 4.93 0.00	63.57 4.41 0.00	52.64 2.98 0.00	41.40 2.22 0.00	36.21 1.84 0.00	28.38 1.39 0.00	28.40 1.42 0.00	31.42 1.53 0.00	37.61 2.06 0.00	49.93 3.23 0.00	55.84 3.59 0.00	45.62 2.67 0.00	38.62 2.18 0.00	38.01 2.14 0.00	42.02 2.81 0.00	45.66 2.87 0.00	39.53 2.37 0.00
RAMAPO___LBMP 323565	49.81 1.59 0.00	78.00 1.72 0.00	74.98 1.46 0.00	66.19 1.53 0.00	61.46 1.84 0.00	69.03 2.06 0.00	71.13 2.43 0.00	67.08 2.85 0.00	62.14 2.98 0.00	52.37 2.71 0.00	41.58 2.40 0.00	36.35 1.98 0.00	28.49 1.49 0.00	28.60 1.61 0.00	31.82 1.93 0.00	37.71 2.16 0.00	49.44 2.75 0.00	55.24 3.00 0.00	45.58 2.64 0.00	38.65 2.22 0.00	38.08 2.21 0.00	41.49 2.27 0.00	45.03 2.24 0.00	38.79 1.63 0.00
RANKINE____ 23646	46.56 -1.66 0.00	72.30 -3.97 0.00	68.63 -4.89 0.00	60.00 -4.66 0.00	54.60 -5.02 0.00	43.98 -6.58 16.40	41.40 -7.03 20.26	37.90 -6.90 19.44	47.59 -6.23 5.35	44.97 -4.69 0.00	35.92 -3.26 0.00	31.33 -3.05 0.00	24.39 -2.60 0.00	24.24 -2.74 0.00	26.88 -3.01 0.00	32.22 -3.33 0.00	42.66 -4.04 0.00	47.93 -4.31 0.00	39.40 -3.54 0.00	32.93 -3.20 0.30	31.43 -3.01 1.43	35.87 -3.34 0.00	39.85 -2.94 0.00	34.93 -2.24 0.00
RAVENSWOOD_GT2_1 24244	50.32 2.10 0.00	78.57 2.30 0.00	75.56 2.03 0.00	66.75 2.09 0.00	62.07 2.45 0.00	69.79 2.83 0.00	72.03 3.34 0.00	68.02 3.79 0.00	62.97 3.81 0.00	53.18 3.52 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.10 2.11 0.00	32.40 2.51 0.00	38.36 2.81 0.00	50.25 3.56 0.00	56.00 3.76 0.00	46.23 3.28 0.00	39.20 2.77 0.00	38.62 2.75 0.00	41.99 2.78 0.00	45.55 2.76 0.00	39.21 2.05 0.00
RAVENSWOOD_GT2_2 24245	50.32 2.10 0.00	78.57 2.30 0.00	75.56 2.03 0.00	66.75 2.09 0.00	62.07 2.45 0.00	69.79 2.83 0.00	72.03 3.34 0.00	68.02 3.79 0.00	62.97 3.81 0.00	53.18 3.52 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.10 2.11 0.00	32.40 2.51 0.00	38.36 2.81 0.00	50.25 3.56 0.00	56.00 3.76 0.00	46.23 3.28 0.00	39.20 2.77 0.00	38.62 2.75 0.00	41.99 2.78 0.00	45.55 2.76 0.00	39.21 2.05 0.00

RAVENSWOOD_GT2_3 24246	50.34 2.12 0.00	78.62 2.34 0.00	75.60 2.07 0.00	66.77 2.11 0.00	62.10 2.49 0.00	69.81 2.84 0.00	72.05 3.36 0.00	68.05 3.82 0.00	63.01 3.85 0.00	53.20 3.54 0.00	42.26 3.08 0.00	36.97 2.60 0.00	29.00 2.01 0.00	29.10 2.12 0.00	32.41 2.52 0.00	38.37 2.82 0.00	50.27 3.58 0.00	56.02 3.78 0.00	46.25 3.30 0.00	39.22 2.79 0.00	38.63 2.76 0.00	42.01 2.79 0.00	45.57 2.78 0.00	39.22 2.06 0.00
RAVENSWOOD_GT2_4 24247	50.34 2.12 0.00	78.62 2.34 0.00	75.60 2.07 0.00	66.77 2.11 0.00	62.10 2.49 0.00	69.81 2.84 0.00	72.05 3.36 0.00	68.05 3.82 0.00	63.01 3.85 0.00	53.20 3.54 0.00	42.26 3.08 0.00	36.97 2.60 0.00	29.00 2.01 0.00	29.10 2.12 0.00	32.41 2.52 0.00	38.37 2.82 0.00	50.27 3.58 0.00	56.02 3.78 0.00	46.25 3.30 0.00	39.22 2.79 0.00	38.63 2.76 0.00	42.01 2.79 0.00	45.57 2.78 0.00	39.22 2.06 0.00
RAVENSWOOD_GT3_1 24248	50.32 2.10 0.00	78.58 2.30 0.00	75.55 2.03 0.00	66.75 2.09 0.00	62.07 2.45 0.00	69.79 2.83 0.00	72.04 3.35 0.00	68.02 3.79 0.00	62.97 3.81 0.00	53.18 3.52 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.09 2.11 0.00	32.39 2.49 0.00	38.36 2.81 0.00	50.24 3.55 0.00	56.00 3.76 0.00	46.22 3.27 0.00	39.19 2.76 0.00	38.61 2.74 0.00	41.98 2.77 0.00	45.53 2.74 0.00	39.20 2.04 0.00
RAVENSWOOD_GT3_2 24249	50.32 2.10 0.00	78.58 2.30 0.00	75.55 2.03 0.00	66.75 2.09 0.00	62.07 2.45 0.00	69.79 2.83 0.00	72.04 3.35 0.00	68.02 3.79 0.00	62.97 3.81 0.00	53.18 3.52 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.09 2.11 0.00	32.39 2.49 0.00	38.36 2.81 0.00	50.24 3.55 0.00	56.00 3.76 0.00	46.22 3.27 0.00	39.19 2.76 0.00	38.61 2.74 0.00	41.98 2.77 0.00	45.53 2.74 0.00	39.20 2.04 0.00
RAVENSWOOD_GT3_3 24250	50.39 2.17 0.00	78.69 2.42 0.00	75.66 2.13 0.00	66.83 2.17 0.00	62.15 2.54 0.00	69.87 2.91 0.00	72.13 3.44 0.00	68.12 3.89 0.00	63.08 3.92 0.00	53.27 3.61 0.00	42.30 3.12 0.00	37.02 2.64 0.00	29.03 2.04 0.00	29.13 2.15 0.00	32.44 2.55 0.00	38.42 2.87 0.00	50.33 3.63 0.00	56.09 3.84 0.00	46.30 3.35 0.00	39.26 2.82 0.00	38.67 2.80 0.00	42.05 2.83 0.00	45.61 2.82 0.00	39.26 2.10 0.00
RAVENSWOOD_GT3_4 24251	50.39 2.17 0.00	78.69 2.42 0.00	75.66 2.13 0.00	66.83 2.17 0.00	62.15 2.54 0.00	69.87 2.91 0.00	72.13 3.44 0.00	68.12 3.89 0.00	63.08 3.92 0.00	53.27 3.61 0.00	42.30 3.12 0.00	37.02 2.64 0.00	29.03 2.04 0.00	29.13 2.15 0.00	32.44 2.55 0.00	38.42 2.87 0.00	50.33 3.63 0.00	56.09 3.84 0.00	46.30 3.35 0.00	39.26 2.82 0.00	38.67 2.80 0.00	42.05 2.83 0.00	45.61 2.82 0.00	39.26 2.10 0.00
RAVENSWOOD_GT_1 23729	50.36 2.14 0.00	78.50 2.22 0.00	75.51 1.98 0.00	66.78 2.12 0.00	62.07 2.46 0.00	69.73 2.77 0.00	71.96 3.27 0.00	68.01 3.78 0.00	63.05 3.89 0.00	53.27 3.61 0.00	42.39 3.21 0.00	37.10 2.73 0.00	29.13 2.13 0.00	29.23 2.25 0.00	32.57 2.68 0.00	38.46 2.90 0.00	50.34 3.65 0.00	56.07 3.82 0.00	46.39 3.45 0.00	39.32 2.89 0.00	38.74 2.87 0.00	42.07 2.86 0.00	45.64 2.85 0.00	39.35 2.19 0.00
RAVENSWOOD_GT_10 24258	50.32 2.10 0.00	78.59 2.32 0.00	75.57 2.04 0.00	66.75 2.09 0.00	62.07 2.45 0.00	69.80 2.83 0.00	72.04 3.35 0.00	68.02 3.79 0.00	62.97 3.81 0.00	53.18 3.52 0.00	42.23 3.05 0.00	36.95 2.57 0.00	28.98 1.99 0.00	29.10 2.11 0.00	32.40 2.50 0.00	38.36 2.81 0.00	50.25 3.56 0.00	56.00 3.76 0.00	46.22 3.28 0.00	39.20 2.77 0.00	38.61 2.75 0.00	41.99 2.78 0.00	45.55 2.76 0.00	39.21 2.05 0.00
RAVENSWOOD_GT_11 24259	50.32 2.10 0.00	78.59 2.32 0.00	75.57 2.04 0.00	66.75 2.09 0.00	62.07 2.45 0.00	69.80 2.83 0.00	72.04 3.35 0.00	68.02 3.79 0.00	62.97 3.81 0.00	53.18 3.52 0.00	42.23 3.05 0.00	36.95 2.57 0.00	28.98 1.99 0.00	29.10 2.11 0.00	32.40 2.50 0.00	38.36 2.81 0.00	50.25 3.56 0.00	56.00 3.76 0.00	46.22 3.28 0.00	39.20 2.77 0.00	38.61 2.75 0.00	41.99 2.78 0.00	45.55 2.76 0.00	39.21 2.05 0.00
RAVENSWOOD_GT_4 24252	50.31 2.08 0.00	78.54 2.27 0.00	75.56 2.04 0.00	66.75 2.09 0.00	62.07 2.45 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.03 3.80 0.00	62.98 3.81 0.00	53.18 3.52 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.10 2.12 0.00	32.41 2.51 0.00	38.36 2.81 0.00	50.25 3.56 0.00	56.00 3.76 0.00	46.23 3.29 0.00	39.21 2.77 0.00	38.62 2.75 0.00	41.99 2.78 0.00	45.55 2.76 0.00	39.22 2.06 0.00
RAVENSWOOD_GT_5 24254	50.31 2.08 0.00	78.54 2.27 0.00	75.56 2.04 0.00	66.75 2.09 0.00	62.07 2.45 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.03 3.80 0.00	62.98 3.81 0.00	53.18 3.52 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.10 2.12 0.00	32.41 2.51 0.00	38.36 2.81 0.00	50.25 3.56 0.00	56.00 3.76 0.00	46.23 3.29 0.00	39.21 2.77 0.00	38.62 2.75 0.00	41.99 2.78 0.00	45.55 2.76 0.00	39.22 2.06 0.00
RAVENSWOOD_GT_6 24253	50.31 2.08 0.00	78.54 2.27 0.00	75.56 2.04 0.00	66.75 2.09 0.00	62.07 2.45 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.03 3.80 0.00	62.98 3.81 0.00	53.18 3.52 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.10 2.12 0.00	32.41 2.51 0.00	38.36 2.81 0.00	50.25 3.56 0.00	56.00 3.76 0.00	46.23 3.29 0.00	39.21 2.77 0.00	38.62 2.75 0.00	41.99 2.78 0.00	45.55 2.76 0.00	39.22 2.06 0.00
RAVENSWOOD_GT_7 24255	50.31 2.08 0.00	78.54 2.27 0.00	75.56 2.04 0.00	66.75 2.09 0.00	62.07 2.45 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.03 3.80 0.00	62.98 3.81 0.00	53.18 3.52 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.10 2.12 0.00	32.41 2.51 0.00	38.36 2.81 0.00	50.25 3.56 0.00	56.00 3.76 0.00	46.23 3.29 0.00	39.21 2.77 0.00	38.62 2.75 0.00	41.99 2.78 0.00	45.55 2.76 0.00	39.22 2.06 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.32 2.10 0.00	78.59 2.32 0.00	75.57 2.04 0.00	66.75 2.09 0.00	62.07 2.45 0.00	69.80 2.83 0.00	72.04 3.35 0.00	68.02 3.79 0.00	62.97 3.81 0.00	53.18 3.52 0.00	42.23 3.05 0.00	36.95 2.57 0.00	28.98 1.99 0.00	29.10 2.11 0.00	32.40 2.50 0.00	38.36 2.81 0.00	50.25 3.56 0.00	56.00 3.76 0.00	46.22 3.28 0.00	39.20 2.77 0.00	38.61 2.75 0.00	41.99 2.78 0.00	45.55 2.76 0.00	39.21 2.05 0.00
RAVENSWOOD_GT_9 24257	50.32 2.10 0.00	78.59 2.32 0.00	75.57 2.04 0.00	66.75 2.09 0.00	62.07 2.45 0.00	69.80 2.83 0.00	72.04 3.35 0.00	68.02 3.79 0.00	62.97 3.81 0.00	53.18 3.52 0.00	42.23 3.05 0.00	36.95 2.57 0.00	28.98 1.99 0.00	29.10 2.11 0.00	32.40 2.50 0.00	38.36 2.81 0.00	50.25 3.56 0.00	56.00 3.76 0.00	46.22 3.28 0.00	39.20 2.77 0.00	38.61 2.75 0.00	41.99 2.78 0.00	45.55 2.76 0.00	39.21 2.05 0.00

RAVENSWOOD___1 23533	50.28 2.06 0.00	78.32 2.04 0.00	75.29 1.77 0.00	66.63 1.97 0.00	61.92 2.31 0.00	69.54 2.58 0.00	71.77 3.08 0.00	67.85 3.62 0.00	62.93 3.77 0.00	53.19 3.53 0.00	42.34 3.16 0.00	37.06 2.69 0.00	29.12 2.12 0.00	29.23 2.24 0.00	32.56 2.67 0.00	38.40 2.85 0.00	50.25 3.56 0.00	56.01 3.76 0.00	46.35 3.40 0.00	39.28 2.85 0.00	38.72 2.85 0.00	42.01 2.80 0.00	45.59 2.80 0.00	39.33 2.17 0.00
RAVENSWOOD___2 23534	50.28 2.06 0.00	78.32 2.04 0.00	75.29 1.77 0.00	66.63 1.97 0.00	61.92 2.31 0.00	69.54 2.58 0.00	71.77 3.08 0.00	67.85 3.62 0.00	62.93 3.77 0.00	53.19 3.53 0.00	42.34 3.16 0.00	37.06 2.69 0.00	29.12 2.12 0.00	29.23 2.24 0.00	32.56 2.67 0.00	38.40 2.85 0.00	50.25 3.56 0.00	56.01 3.76 0.00	46.35 3.40 0.00	39.28 2.85 0.00	38.69 2.82 0.00	41.96 2.75 0.00	45.54 2.75 0.00	39.28 2.12 0.00
RAVENSWOOD___3 23535	50.32 2.10 0.00	78.59 2.32 0.00	75.56 2.03 0.00	66.75 2.09 0.00	62.06 2.44 0.00	69.77 2.80 0.00	72.02 3.32 0.00	68.01 3.78 0.00	62.97 3.81 0.00	53.19 3.54 0.00	42.24 3.06 0.00	36.95 2.58 0.00	28.99 1.99 0.00	29.10 2.11 0.00	32.39 2.50 0.00	38.36 2.82 0.00	50.25 3.55 0.00	56.01 3.76 0.00	46.22 3.28 0.00	39.21 2.77 0.00	38.63 2.76 0.00	41.99 2.78 0.00	45.56 2.77 0.00	39.20 2.04 0.00
RAVENSWOOD___4 23820	50.28 2.06 0.00	78.32 2.04 0.00	75.29 1.77 0.00	66.63 1.97 0.00	61.92 2.31 0.00	69.54 2.58 0.00	71.77 3.08 0.00	67.85 3.62 0.00	62.93 3.77 0.00	53.19 3.53 0.00	42.34 3.16 0.00	37.06 2.69 0.00	29.12 2.12 0.00	29.23 2.24 0.00	32.56 2.67 0.00	38.40 2.85 0.00	50.25 3.56 0.00	56.01 3.76 0.00	46.35 3.40 0.00	39.28 2.85 0.00	38.72 2.85 0.00	42.01 2.80 0.00	45.59 2.80 0.00	39.33 2.17 0.00
RCPL_TRUST___DRP 24196	50.35 2.13 0.00	78.62 2.34 0.00	75.60 2.07 0.00	66.77 2.11 0.00	62.09 2.48 0.00	69.83 2.86 0.00	72.11 3.42 0.00	68.11 3.88 0.00	63.05 3.88 0.00	53.26 3.61 0.00	42.29 3.11 0.00	37.00 2.63 0.00	29.03 2.04 0.00	29.13 2.15 0.00	32.44 2.55 0.00	38.42 2.87 0.00	50.31 3.62 0.00	56.07 3.82 0.00	46.26 3.31 0.00	39.22 2.79 0.00	38.63 2.77 0.00	42.00 2.78 0.00	45.57 2.78 0.00	39.22 2.06 0.00
RED___ROCHESTER 323720	46.91 -1.31 0.00	73.34 -2.93 0.00	70.13 -3.40 0.00	61.55 -3.11 0.00	56.47 -3.15 0.00	63.00 -3.97 0.00	64.71 -4.00 -0.02	60.47 -3.77 -0.01	55.72 -3.45 0.00	46.96 -2.70 0.00	37.21 -1.97 0.00	32.59 -1.78 0.00	25.45 -1.54 0.00	25.37 -1.62 0.00	28.13 -1.77 0.00	33.69 -1.86 0.00	44.57 -2.13 0.00	50.05 -2.20 0.00	41.14 -1.81 0.00	34.77 -1.66 0.00	34.30 -1.57 0.00	37.34 -1.87 0.00	41.07 -1.72 0.00	35.84 -1.33 0.00
REGAN___SOLAR 323812	50.25 2.03 0.00	79.28 3.01 0.00	76.46 2.94 0.00	67.17 2.51 0.00	62.02 2.40 0.00	70.06 3.09 0.00	72.04 3.35 0.00	67.48 3.25 0.00	61.55 2.39 0.00	50.52 0.86 0.00	39.61 0.44 0.00	34.61 0.24 0.00	27.11 0.12 0.00	26.97 -0.02 0.00	30.17 0.28 0.00	36.50 0.95 0.00	48.85 2.15 0.00	54.91 2.66 0.00	45.13 2.19 0.00	38.25 1.82 0.00	37.60 1.73 0.00	41.06 1.85 0.00	44.61 1.82 0.00	38.61 1.44 0.00
RENSSELAER___COGEN 23796	49.58 1.36 0.00	78.10 1.83 0.00	75.42 1.89 0.00	66.48 1.81 0.00	61.47 1.85 0.00	69.04 2.08 0.00	70.21 1.52 0.00	65.38 1.15 0.00	60.33 1.17 0.00	50.67 1.01 0.00	39.92 0.74 0.00	35.03 0.65 0.00	27.53 0.54 0.00	27.57 0.59 0.00	30.51 0.62 0.00	36.24 0.69 0.00	47.43 0.73 0.00	53.03 0.79 0.00	43.57 0.62 0.00	36.95 0.52 0.00	36.41 0.55 0.00	40.02 0.81 0.00	43.85 1.06 0.00	38.29 1.13 0.00
REPUBLIC_115KV_BARTNBRK 55605	54.04 5.82 0.00	84.27 8.00 0.00	81.56 8.03 0.00	72.16 7.50 0.00	66.86 7.24 0.00	76.00 9.04 0.00	78.42 9.73 0.00	73.68 9.44 0.00	67.54 8.37 0.00	54.95 5.29 0.00	43.17 3.99 0.00	37.79 3.42 0.00	29.56 2.56 0.00	29.70 2.72 0.00	32.63 2.74 0.00	39.42 3.87 0.00	53.08 6.39 0.00	59.29 7.04 0.00	48.17 5.22 0.00	40.65 4.22 0.00	39.88 4.01 0.00	44.46 5.25 0.00	48.20 5.41 0.00	41.65 4.48 0.00
REVERE_CPPR_DRP 24186	50.05 1.82 0.00	78.73 2.45 0.00	75.86 2.33 0.00	66.54 1.87 0.00	61.43 1.82 0.00	69.55 2.59 0.00	71.78 3.08 0.00	66.94 2.71 0.00	61.27 2.11 0.00	50.90 1.24 0.00	39.85 0.67 0.00	34.86 0.49 0.00	27.30 0.30 0.00	27.30 0.32 0.00	30.47 0.58 0.00	36.59 1.04 0.00	48.33 1.64 0.00	54.13 1.89 0.00	44.49 1.54 0.00	37.62 1.18 0.00	36.98 1.11 0.00	40.36 1.15 0.00	43.98 1.19 0.00	38.01 0.85 0.00
REYNLDPA_13_KV_LD 356490	49.15 0.93 0.00	78.19 1.91 0.00	75.44 1.92 0.00	66.24 1.58 0.00	60.88 1.26 0.00	68.25 1.28 0.00	70.12 1.43 0.00	65.45 1.22 0.00	60.11 0.94 0.00	50.52 0.86 0.00	39.75 0.57 0.00	34.95 0.58 0.00	27.50 0.51 0.00	27.40 0.42 0.00	30.21 0.32 0.00	35.90 0.35 0.00	47.21 0.51 0.00	52.89 0.65 0.00	43.37 0.42 0.00	36.80 0.36 0.00	36.14 0.28 0.00	39.54 0.33 0.00	43.28 0.49 0.00	37.72 0.55 0.00
REYNOLDS_115KV_TB3 80639	49.62 1.40 0.00	78.11 1.83 0.00	75.49 1.96 0.00	66.51 1.85 0.00	61.50 1.89 0.00	69.13 2.16 0.00	70.43 1.74 0.00	65.70 1.47 0.00	60.66 1.49 0.00	50.94 1.28 0.00	40.23 1.05 0.00	35.27 0.90 0.00	27.72 0.73 0.00	27.76 0.77 0.00	30.68 0.79 0.00	36.42 0.87 0.00	47.66 0.97 0.00	53.29 1.04 0.00	43.73 0.78 0.00	37.09 0.66 0.00	36.60 0.73 0.00	40.24 1.03 0.00	44.00 1.21 0.00	38.37 1.21 0.00
RIVERBAY____ 323610	51.11 2.89 0.00	79.73 3.46 0.00	76.87 3.34 0.00	68.08 3.42 0.00	63.30 3.69 0.00	71.04 4.08 0.00	73.34 4.65 0.00	69.39 5.16 0.00	64.31 5.15 0.00	54.06 4.40 0.00	43.02 3.84 0.00	37.59 3.22 0.00	29.50 2.51 0.00	29.61 2.63 0.00	33.02 3.13 0.00	38.98 3.42 0.00	51.06 4.36 0.00	56.94 4.69 0.00	47.16 4.21 0.00	39.97 3.53 0.00	39.29 3.42 0.00	42.73 3.52 0.00	46.27 3.48 0.00	39.91 2.75 0.00
RIVERSDE_115KV_TB3 55908	49.72 1.50 0.00	78.27 2.00 0.00	75.60 2.07 0.00	66.63 1.97 0.00	61.63 2.01 0.00	69.25 2.28 0.00	70.45 1.76 0.00	65.64 1.41 0.00	60.59 1.42 0.00	50.87 1.21 0.00	40.10 0.92 0.00	35.18 0.81 0.00	27.66 0.66 0.00	27.69 0.71 0.00	30.63 0.74 0.00	36.39 0.84 0.00	47.64 0.94 0.00	53.26 1.02 0.00	43.73 0.78 0.00	37.09 0.65 0.00	36.57 0.70 0.00	40.18 0.97 0.00	43.99 1.20 0.00	38.41 1.25 0.00
ROARING___BROOK_WT_PWR 323790	48.33 0.10 0.00	76.66 0.38 0.00	73.89 0.36 0.00	63.85 -0.81 0.00	58.21 -1.41 0.00	66.04 -0.92 0.00	68.08 -0.61 0.00	63.21 -1.02 0.00	57.86 -1.30 0.00	48.46 -1.20 0.00	38.05 -1.13 0.00	33.42 -0.95 0.00	26.27 -0.73 0.00	26.21 -0.77 0.00	29.00 -0.89 0.00	34.48 -1.07 0.00	45.34 -1.35 0.00	50.72 -1.52 0.00	41.64 -1.30 0.00	35.33 -1.11 0.00	34.75 -1.12 0.00	38.02 -1.19 0.00	41.51 -1.28 0.00	36.07 -1.09 0.00

ROCHESRG_115KV_T4 355643	46.37 -1.85 0.00	72.52 -3.75 0.00	69.35 -4.18 0.00	60.86 -3.80 0.00	55.81 -3.81 0.00	59.34 -4.81 2.82	60.25 -4.95 3.50	56.13 -4.75 3.35	53.95 -4.30 0.92	46.30 -3.35 0.00	36.71 -2.48 0.00	32.16 -2.21 0.00	25.12 -1.87 0.00	25.03 -1.95 0.00	27.75 -2.14 0.00	33.19 -2.36 0.00	43.87 -2.82 0.00	49.26 -2.99 0.00	40.49 -2.45 0.00	34.24 -2.19 0.00	33.76 -2.11 0.00	36.80 -2.41 0.00	40.55 -2.25 0.00	35.40 -1.77 0.00
ROCHESTER_9_IC 23652	46.70 -1.52 0.00	73.04 -3.24 0.00	69.86 -3.67 0.00	61.31 -3.35 0.00	56.22 -3.39 0.00	62.65 -4.31 0.00	64.33 -4.38 -0.02	60.08 -4.16 -0.01	55.38 -3.78 0.00	46.72 -2.94 0.00	37.02 -2.16 0.00	32.43 -1.94 0.00	25.32 -1.67 0.00	25.24 -1.74 0.00	27.99 -1.91 0.00	33.50 -2.05 0.00	44.30 -2.39 0.00	49.75 -2.50 0.00	40.89 -2.06 0.00	34.57 -1.87 0.00	34.08 -1.79 0.00	37.13 -2.08 0.00	40.88 -1.91 0.00	35.67 -1.50 0.00
ROCKVIEW_13_KV_LD 356306	50.46 2.24 0.00	78.89 2.61 0.00	75.77 2.25 0.00	66.91 2.25 0.00	62.18 2.56 0.00	69.90 2.94 0.00	72.13 3.44 0.00	68.10 3.87 0.00	63.04 3.87 0.00	53.17 3.52 0.00	42.22 3.04 0.00	36.92 2.55 0.00	28.96 1.97 0.00	29.07 2.08 0.00	32.36 2.46 0.00	38.34 2.78 0.00	50.25 3.55 0.00	56.05 3.80 0.00	46.24 3.29 0.00	39.21 2.78 0.00	38.62 2.76 0.00	42.04 2.82 0.00	45.61 2.82 0.00	39.26 2.10 0.00
ROME____115KV_TB2 80656	50.05 1.82 0.00	78.73 2.45 0.00	75.86 2.33 0.00	66.54 1.87 0.00	61.43 1.82 0.00	69.55 2.59 0.00	71.78 3.08 0.00	66.94 2.71 0.00	61.27 2.11 0.00	50.90 1.24 0.00	39.85 0.67 0.00	34.86 0.49 0.00	27.30 0.30 0.00	27.30 0.32 0.00	30.47 0.58 0.00	36.59 1.04 0.00	48.33 1.64 0.00	54.13 1.89 0.00	44.49 1.54 0.00	37.62 1.18 0.00	36.98 1.11 0.00	40.36 1.15 0.00	43.98 1.19 0.00	38.01 0.85 0.00
ROSETON___1 23587	49.83 1.61 0.00	78.09 1.81 0.00	75.13 1.60 0.00	66.34 1.68 0.00	61.54 1.93 0.00	69.16 2.20 0.00	71.13 2.44 0.00	66.98 2.75 0.00	61.95 2.78 0.00	52.19 2.53 0.00	41.38 2.20 0.00	36.20 1.82 0.00	28.41 1.41 0.00	28.51 1.53 0.00	31.72 1.83 0.00	37.57 2.02 0.00	49.27 2.57 0.00	55.02 2.77 0.00	45.37 2.42 0.00	38.48 2.04 0.00	37.91 2.04 0.00	41.31 2.10 0.00	44.88 2.08 0.00	38.68 1.52 0.00
ROSETON___2 23588	49.83 1.61 0.00	78.09 1.81 0.00	75.13 1.60 0.00	66.34 1.68 0.00	61.54 1.93 0.00	69.16 2.20 0.00	71.13 2.44 0.00	66.98 2.75 0.00	61.95 2.78 0.00	52.19 2.53 0.00	41.38 2.20 0.00	36.20 1.82 0.00	28.41 1.41 0.00	28.51 1.53 0.00	31.72 1.83 0.00	37.57 2.02 0.00	49.27 2.57 0.00	55.02 2.77 0.00	45.37 2.42 0.00	38.48 2.04 0.00	37.91 2.04 0.00	41.31 2.10 0.00	44.88 2.08 0.00	38.68 1.52 0.00
ROTRDAM_115KV_TB3 80664	49.53 1.31 0.00	78.06 1.78 0.00	75.27 1.74 0.00	66.32 1.65 0.00	61.29 1.67 0.00	68.94 1.98 0.00	70.66 1.97 0.00	66.14 1.91 0.00	60.88 1.72 0.00	50.96 1.30 0.00	40.22 1.04 0.00	35.22 0.85 0.00	27.64 0.65 0.00	27.67 0.69 0.00	30.66 0.76 0.00	36.51 0.96 0.00	48.04 1.35 0.00	53.75 1.50 0.00	44.15 1.21 0.00	37.42 0.99 0.00	36.87 1.01 0.00	40.42 1.21 0.00	44.02 1.23 0.00	38.19 1.03 0.00
RUSSELL___1 23602	46.91 -1.31 0.00	73.35 -2.92 0.00	70.13 -3.40 0.00	61.55 -3.11 0.00	56.45 -3.16 0.00	62.95 -4.02 0.00	64.66 -4.05 -0.02	60.42 -3.82 -0.01	55.69 -3.48 0.00	46.98 -2.68 0.00	37.21 -1.97 0.00	32.59 -1.78 0.00	25.45 -1.54 0.00	25.37 -1.62 0.00	28.13 -1.76 0.00	33.69 -1.86 0.00	44.56 -2.14 0.00	50.05 -2.20 0.00	41.14 -1.80 0.00	34.77 -1.66 0.00	34.29 -1.58 0.00	37.34 -1.87 0.00	41.08 -1.71 0.00	35.84 -1.32 0.00
RUSSELL___2 23532	46.91 -1.31 0.00	73.35 -2.92 0.00	70.13 -3.40 0.00	61.55 -3.11 0.00	56.45 -3.16 0.00	62.95 -4.02 0.00	64.66 -4.05 -0.02	60.42 -3.82 -0.01	55.69 -3.48 0.00	46.98 -2.68 0.00	37.21 -1.97 0.00	32.59 -1.78 0.00	25.45 -1.54 0.00	25.37 -1.62 0.00	28.13 -1.76 0.00	33.69 -1.86 0.00	44.56 -2.14 0.00	50.05 -2.20 0.00	41.14 -1.80 0.00	34.77 -1.66 0.00	34.29 -1.58 0.00	37.34 -1.87 0.00	41.08 -1.71 0.00	35.84 -1.32 0.00
RUSSELL___3 23549	46.91 -1.31 0.00	73.35 -2.92 0.00	70.13 -3.40 0.00	61.55 -3.11 0.00	56.45 -3.16 0.00	62.95 -4.02 0.00	64.66 -4.05 -0.02	60.42 -3.82 -0.01	55.69 -3.48 0.00	46.98 -2.68 0.00	37.21 -1.97 0.00	32.59 -1.78 0.00	25.45 -1.54 0.00	25.37 -1.62 0.00	28.13 -1.76 0.00	33.69 -1.86 0.00	44.56 -2.14 0.00	50.05 -2.20 0.00	41.14 -1.80 0.00	34.77 -1.66 0.00	34.29 -1.58 0.00	37.34 -1.87 0.00	41.08 -1.71 0.00	35.84 -1.32 0.00
RUSSELL___4 23556	46.91 -1.31 0.00	73.35 -2.92 0.00	70.13 -3.40 0.00	61.55 -3.11 0.00	56.45 -3.16 0.00	62.95 -4.02 0.00	64.66 -4.05 -0.02	60.42 -3.82 -0.01	55.69 -3.48 0.00	46.98 -2.68 0.00	37.21 -1.97 0.00	32.59 -1.78 0.00	25.45 -1.54 0.00	25.37 -1.62 0.00	28.13 -1.76 0.00	33.69 -1.86 0.00	44.56 -2.14 0.00	50.05 -2.20 0.00	41.14 -1.80 0.00	34.77 -1.66 0.00	34.29 -1.58 0.00	37.34 -1.87 0.00	41.08 -1.71 0.00	35.84 -1.32 0.00
RUSSELL__STATION 23914	46.91 -1.31 0.00	73.35 -2.92 0.00	70.13 -3.40 0.00	61.55 -3.11 0.00	56.45 -3.16 0.00	62.95 -4.02 0.00	64.66 -4.05 -0.02	60.42 -3.82 -0.01	55.69 -3.48 0.00	46.98 -2.68 0.00	37.21 -1.97 0.00	32.59 -1.78 0.00	25.45 -1.54 0.00	25.37 -1.62 0.00	28.13 -1.76 0.00	33.69 -1.86 0.00	44.56 -2.14 0.00	50.05 -2.20 0.00	41.14 -1.80 0.00	34.77 -1.66 0.00	34.29 -1.58 0.00	37.34 -1.87 0.00	41.08 -1.71 0.00	35.84 -1.32 0.00
S SALMON__HYD 24043	47.70 -0.52 0.00	75.11 -1.17 0.00	72.22 -1.30 0.00	63.03 -1.64 0.00	58.01 -1.60 0.00	65.49 -1.47 0.00	67.79 -0.90 0.00	63.04 -1.19 0.00	57.70 -1.46 0.00	47.95 -1.72 0.00	37.55 -1.64 0.00	33.02 -1.35 0.00	25.90 -1.10 0.00	25.94 -1.04 0.00	29.00 -0.89 0.00	34.64 -0.91 0.00	45.48 -1.21 0.00	50.88 -1.36 0.00	41.70 -1.25 0.00	35.37 -1.06 0.00	34.82 -1.05 0.00	38.07 -1.15 0.00	41.58 -1.21 0.00	36.08 -1.08 0.00
S.PERRY__115KV_TB1 80734	46.90 -1.32 0.00	74.54 -1.73 0.00	71.63 -1.89 0.00	62.67 -2.00 0.00	57.07 -2.56 -0.01	125.51 -3.56 -62.11	142.61 -3.13 -77.06	135.41 -2.71 -73.89	76.89 -2.56 -20.28	47.24 -2.42 0.00	37.25 -1.93 0.00	32.32 -2.05 0.00	25.14 -1.86 0.00	25.12 -1.86 0.00	27.90 -2.00 0.00	33.85 -1.70 0.00	45.26 -1.44 0.00	50.98 -1.27 0.00	41.87 -1.08 0.00	36.48 -1.02 -1.07	39.91 -0.97 -5.01	37.90 -1.32 0.00	41.62 -1.17 0.00	36.20 -0.96 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	45.84 -2.38 0.00	71.21 -5.07 0.00	67.64 -5.89 0.00	59.20 -5.46 0.00	53.90 -5.71 0.00	42.87 -7.46 16.63	40.03 -8.03 20.64	36.56 -7.88 19.79	46.58 -7.16 5.42	44.24 -5.41 0.00	35.36 -3.82 0.00	30.87 -3.51 0.00	24.05 -2.94 0.00	23.89 -3.09 0.00	26.44 -3.45 0.00	31.65 -3.90 0.00	41.90 -4.80 0.00	47.12 -5.13 0.00	38.75 -4.20 0.00	32.38 -3.75 0.30	30.92 -3.53 1.43	35.32 -3.89 0.00	39.31 -3.48 0.00	34.53 -2.64 0.00

SAWYER___23_KV_LOAD 55526	45.84 -2.38 0.00	71.21 -5.07 0.00	67.64 -5.89 0.00	59.20 -5.46 0.00	53.90 -5.71 0.00	42.87 -7.46 16.63	40.03 -8.03 20.64	36.56 -7.88 19.79	46.58 -7.16 5.42	44.24 -5.41 0.00	35.36 -3.82 0.00	30.87 -3.51 0.00	24.05 -2.94 0.00	23.89 -3.09 0.00	26.44 -3.45 0.00	31.65 -3.90 0.00	41.90 -4.80 0.00	47.12 -5.13 0.00	38.75 -4.20 0.00	32.38 -3.75 0.30	30.92 -3.53 1.43	35.32 -3.89 0.00	39.31 -3.48 0.00	34.53 -2.64 0.00
SELKIRK___I 23801	49.66 1.44 0.00	78.31 2.04 0.00	75.57 2.05 0.00	66.62 1.95 0.00	61.58 1.96 0.00	69.18 2.21 0.00	70.49 1.80 0.00	65.71 1.47 0.00	60.49 1.32 0.00	50.66 1.00 0.00	39.92 0.74 0.00	35.01 0.64 0.00	27.51 0.52 0.00	27.54 0.55 0.00	30.51 0.62 0.00	36.33 0.78 0.00	47.68 0.98 0.00	53.33 1.08 0.00	43.81 0.86 0.00	37.14 0.71 0.00	36.59 0.72 0.00	40.16 0.95 0.00	43.92 1.13 0.00	38.27 1.11 0.00
SELKIRK___II 23799	49.46 1.24 0.00	77.94 1.66 0.00	75.21 1.69 0.00	66.30 1.64 0.00	61.30 1.69 0.00	68.87 1.90 0.00	70.19 1.50 0.00	65.50 1.27 0.00	60.41 1.25 0.00	50.72 1.07 0.00	40.00 0.82 0.00	35.06 0.69 0.00	27.56 0.56 0.00	27.59 0.61 0.00	30.55 0.66 0.00	36.30 0.75 0.00	47.59 0.89 0.00	53.21 0.96 0.00	43.72 0.78 0.00	37.08 0.65 0.00	36.55 0.68 0.00	40.10 0.89 0.00	43.84 1.05 0.00	38.18 1.02 0.00
SENECA OSWGO___HYD 24041	46.68 -1.54 0.00	73.53 -2.74 0.00	70.69 -2.83 0.00	62.13 -2.54 0.00	57.25 -2.36 0.00	64.32 -2.65 0.00	66.11 -2.58 0.00	61.85 -2.38 0.00	56.99 -2.17 0.00	47.72 -1.94 0.00	37.66 -1.53 0.00	33.05 -1.33 0.00	25.93 -1.06 0.00	25.94 -1.04 0.00	28.84 -1.05 0.00	34.37 -1.18 0.00	45.15 -1.55 0.00	50.52 -1.73 0.00	41.55 -1.40 0.00	35.28 -1.15 0.00	34.73 -1.13 0.00	37.88 -1.33 0.00	41.32 -1.47 0.00	35.89 -1.28 0.00
SENECA___115KV_TB3 355854	46.64 -1.58 0.00	72.41 -3.86 0.00	68.74 -4.78 0.00	60.11 -4.56 0.00	54.73 -4.89 0.00	44.17 -6.39 16.40	41.72 -6.71 20.26	38.20 -6.59 19.44	47.73 -6.08 5.35	45.02 -4.63 0.00	35.98 -3.20 0.00	31.39 -2.99 0.00	24.43 -2.56 0.00	24.29 -2.69 0.00	26.94 -2.96 0.00	32.28 -3.27 0.00	42.76 -3.94 0.00	48.03 -4.22 0.00	39.49 -3.46 0.00	33.00 -3.13 0.30	31.52 -2.92 1.43	35.94 -3.27 0.00	39.89 -2.90 0.00	34.98 -2.18 0.00
SENECA___ENERGY 23797	47.19 -1.03 0.00	74.13 -2.14 0.00	71.05 -2.48 0.00	62.40 -2.27 0.00	57.43 -2.19 0.00	64.37 -2.59 0.00	66.16 -2.53 0.00	61.93 -2.30 0.00	57.02 -2.14 0.00	47.83 -1.83 0.00	37.77 -1.41 0.00	33.01 -1.36 0.00	25.86 -1.14 0.00	25.86 -1.13 0.00	28.73 -1.16 0.00	34.34 -1.21 0.00	45.32 -1.37 0.00	50.88 -1.36 0.00	41.91 -1.04 0.00	35.58 -0.93 -0.07	35.33 -0.88 -0.34	38.11 -1.10 0.00	41.60 -1.19 0.00	36.13 -1.03 0.00
SHOEMAKER___GT 23640	49.70 1.47 0.00	77.97 1.70 0.00	74.99 1.47 0.00	66.18 1.52 0.00	61.33 1.72 0.00	68.93 1.96 0.00	70.91 2.22 0.00	66.74 2.50 0.00	61.68 2.52 0.00	51.85 2.19 0.00	41.03 1.85 0.00	35.86 1.49 0.00	28.13 1.13 0.00	28.23 1.24 0.00	31.40 1.51 0.00	37.32 1.77 0.00	49.03 2.33 0.00	54.80 2.55 0.00	45.18 2.23 0.00	38.32 1.88 0.00	37.76 1.89 0.00	41.14 1.93 0.00	44.69 1.90 0.00	38.53 1.37 0.00
SHOEMAKR_138KV_BK 111 55601	49.66 1.44 0.00	77.91 1.64 0.00	74.93 1.41 0.00	66.12 1.46 0.00	61.30 1.68 0.00	68.89 1.92 0.00	70.86 2.17 0.00	66.70 2.47 0.00	61.66 2.50 0.00	51.85 2.20 0.00	41.06 1.89 0.00	35.89 1.52 0.00	28.15 1.16 0.00	28.25 1.27 0.00	31.42 1.53 0.00	37.32 1.77 0.00	49.01 2.32 0.00	54.78 2.53 0.00	45.16 2.21 0.00	38.31 1.88 0.00	37.73 1.86 0.00	41.12 1.91 0.00	44.67 1.88 0.00	38.52 1.36 0.00
SHOREHAM_IC_1 23715	52.00 3.78 0.00	80.82 4.55 0.00	77.25 3.72 0.00	68.22 3.55 0.00	63.80 4.19 0.00	71.79 4.82 0.00	74.22 5.53 0.00	69.91 5.68 0.00	64.26 5.09 0.00	54.42 4.76 0.00	42.74 3.56 0.00	37.30 2.92 0.00	29.47 2.48 0.00	29.53 2.55 0.00	32.99 3.10 0.00	48.12 3.52 -9.06	82.64 4.83 -31.12	61.94 4.64 -5.06	46.90 3.95 -0.01	43.50 3.56 -3.51	50.87 3.81 -11.20	45.62 3.89 -2.52	46.62 3.83 -0.01	40.07 2.91 0.00
SHOREHAM_IC_2 23716	52.00 3.78 0.00	80.81 4.54 0.00	77.25 3.73 0.00	68.22 3.56 0.00	63.81 4.19 0.00	71.80 4.84 0.00	74.25 5.56 0.00	69.93 5.69 0.00	64.26 5.10 0.00	54.41 4.75 0.00	42.74 3.56 0.00	37.30 2.92 0.00	29.47 2.48 0.00	29.53 2.54 0.00	32.99 3.10 0.00	48.12 3.51 -9.06	82.64 4.83 -31.12	61.95 4.64 -5.06	46.91 3.95 -0.01	43.50 3.56 -3.51	50.86 3.80 -11.20	45.62 3.88 -2.52	46.62 3.82 -0.01	40.08 2.91 0.00
SISSONVILLE____ 23735	49.26 1.04 0.00	78.39 2.12 0.00	75.65 2.13 0.00	66.24 1.58 0.00	60.92 1.31 0.00	68.07 1.10 0.00	70.17 1.48 0.00	65.37 1.14 0.00	59.81 0.64 0.00	50.31 0.65 0.00	39.31 0.13 0.00	34.56 0.19 0.00	27.27 0.27 0.00	27.19 0.21 0.00	29.99 0.10 0.00	35.61 0.06 0.00	46.67 -0.02 0.00	52.17 -0.07 0.00	42.73 -0.22 0.00	36.25 -0.19 0.00	35.56 -0.30 0.00	39.07 -0.14 0.00	43.19 0.40 0.00	37.77 0.61 0.00
SITHE_IND_GS1 24169	46.26 -1.96 0.00	72.87 -3.40 0.00	70.11 -3.41 0.00	61.62 -3.04 0.00	56.79 -2.82 0.00	63.76 -3.20 0.00	65.45 -3.25 0.00	61.20 -3.03 0.00	56.40 -2.76 0.00	47.29 -2.36 0.00	37.38 -1.80 0.00	32.83 -1.54 0.00	25.79 -1.20 0.00	25.78 -1.20 0.00	28.60 -1.30 0.00	34.03 -1.52 0.00	44.66 -2.03 0.00	49.96 -2.29 0.00	41.10 -1.85 0.00	34.92 -1.52 0.00	34.38 -1.48 0.00	37.51 -1.70 0.00	40.94 -1.85 0.00	35.60 -1.56 0.00
SITHE_IND_GS2 24170	46.26 -1.96 0.00	72.87 -3.40 0.00	70.11 -3.41 0.00	61.62 -3.04 0.00	56.79 -2.82 0.00	63.76 -3.20 0.00	65.45 -3.25 0.00	61.20 -3.03 0.00	56.40 -2.76 0.00	47.29 -2.36 0.00	37.38 -1.80 0.00	32.83 -1.54 0.00	25.79 -1.20 0.00	25.78 -1.20 0.00	28.60 -1.30 0.00	34.03 -1.52 0.00	44.66 -2.03 0.00	49.96 -2.29 0.00	41.10 -1.85 0.00	34.92 -1.52 0.00	34.38 -1.48 0.00	37.51 -1.70 0.00	40.94 -1.85 0.00	35.60 -1.56 0.00
SITHE_IND_GS3 24171	46.26 -1.96 0.00	72.87 -3.40 0.00	70.11 -3.41 0.00	61.62 -3.04 0.00	56.79 -2.82 0.00	63.76 -3.20 0.00	65.45 -3.25 0.00	61.20 -3.03 0.00	56.40 -2.76 0.00	47.29 -2.36 0.00	37.38 -1.80 0.00	32.83 -1.54 0.00	25.79 -1.20 0.00	25.78 -1.20 0.00	28.60 -1.30 0.00	34.03 -1.52 0.00	44.66 -2.03 0.00	49.96 -2.29 0.00	41.10 -1.85 0.00	34.92 -1.52 0.00	34.38 -1.48 0.00	37.51 -1.70 0.00	40.94 -1.85 0.00	35.60 -1.56 0.00
SITHE_IND_GS4 24172	46.26 -1.96 0.00	72.87 -3.40 0.00	70.11 -3.41 0.00	61.62 -3.04 0.00	56.79 -2.82 0.00	63.76 -3.20 0.00	65.45 -3.25 0.00	61.20 -3.03 0.00	56.40 -2.76 0.00	47.29 -2.36 0.00	37.38 -1.80 0.00	32.83 -1.54 0.00	25.79 -1.20 0.00	25.78 -1.20 0.00	28.60 -1.30 0.00	34.03 -1.52 0.00	44.66 -2.03 0.00	49.96 -2.29 0.00	41.10 -1.85 0.00	34.92 -1.52 0.00	34.38 -1.48 0.00	37.51 -1.70 0.00	40.94 -1.85 0.00	35.60 -1.56 0.00

SITHE____BATAVIA 24024	46.99 -1.23 0.00	73.10 -3.17 0.00	69.59 -3.94 0.00	61.00 -3.66 0.00	55.80 -3.81 0.00	53.18 -4.88 8.90	52.78 -5.01 10.90	48.93 -4.84 10.46	51.53 -4.73 2.90	45.89 -3.77 0.00	36.36 -2.82 0.00	31.93 -2.44 0.00	24.72 -2.27 0.00	24.62 -2.36 0.00	27.32 -2.57 0.00	32.71 -2.84 0.00	43.82 -2.88 0.00	49.35 -2.89 0.00	40.56 -2.38 0.00	34.06 -2.22 0.16	33.10 -2.04 0.73	36.77 -2.44 0.00	40.74 -2.05 0.00	35.70 -1.46 0.00
SITHE____INDEPEND 23800	46.26 -1.96 0.00	72.87 -3.40 0.00	70.11 -3.42 0.00	61.62 -3.04 0.00	56.79 -2.83 0.00	63.76 -3.21 0.00	65.45 -3.25 0.00	61.20 -3.03 0.00	56.40 -2.76 0.00	47.30 -2.36 0.00	37.37 -1.81 0.00	32.83 -1.54 0.00	25.79 -1.20 0.00	25.78 -1.20 0.00	28.60 -1.30 0.00	34.04 -1.52 0.00	44.65 -2.04 0.00	49.96 -2.29 0.00	41.10 -1.84 0.00	34.92 -1.52 0.00	34.38 -1.49 0.00	37.51 -1.70 0.00	40.94 -1.85 0.00	35.60 -1.56 0.00
SITHE____MASSENA 23902	49.37 1.14 0.00	78.52 2.24 0.00	75.76 2.23 0.00	66.48 1.81 0.00	61.11 1.49 0.00	68.47 1.50 0.00	70.39 1.69 0.00	65.68 1.45 0.00	60.28 1.11 0.00	50.68 1.02 0.00	39.81 0.63 0.00	35.01 0.63 0.00	27.56 0.56 0.00	27.45 0.47 0.00	30.29 0.40 0.00	35.99 0.43 0.00	47.31 0.61 0.00	52.99 0.75 0.00	43.44 0.50 0.00	36.86 0.43 0.00	36.19 0.32 0.00	39.61 0.40 0.00	43.43 0.64 0.00	37.85 0.69 0.00
SITHE____OGDNSBRG 24021	50.04 1.82 0.00	79.64 3.37 0.00	76.90 3.38 0.00	67.46 2.80 0.00	62.11 2.50 0.00	69.51 2.55 0.00	71.56 2.87 0.00	66.74 2.51 0.00	61.05 1.89 0.00	51.24 1.58 0.00	39.97 0.79 0.00	35.06 0.69 0.00	27.72 0.73 0.00	27.59 0.61 0.00	30.59 0.70 0.00	36.48 0.93 0.00	48.04 1.34 0.00	53.78 1.54 0.00	44.08 1.13 0.00	37.37 0.94 0.00	36.66 0.80 0.00	40.15 0.94 0.00	44.14 1.34 0.00	38.51 1.35 0.00
SITHE____STERLING 23777	49.47 1.25 0.00	77.89 1.62 0.00	75.04 1.52 0.00	65.94 1.28 0.00	60.86 1.24 0.00	68.74 1.77 0.00	70.82 2.13 0.00	66.18 1.95 0.00	60.65 1.48 0.00	50.45 0.80 0.00	39.56 0.39 0.00	34.63 0.26 0.00	27.11 0.11 0.00	27.11 0.13 0.00	30.20 0.30 0.00	36.18 0.63 0.00	47.83 1.14 0.00	53.57 1.33 0.00	44.04 1.09 0.00	37.24 0.81 0.00	36.63 0.76 0.00	39.97 0.76 0.00	43.57 0.78 0.00	37.71 0.54 0.00
SLEIGHT__34_KV_TB1 80719	46.79 -1.43 0.00	73.35 -2.92 0.00	70.24 -3.29 0.00	61.69 -2.98 0.00	56.68 -2.93 0.00	63.43 -3.54 0.00	65.23 -3.46 0.00	61.00 -3.23 0.00	56.21 -2.96 0.00	47.24 -2.42 0.00	37.34 -1.84 0.00	32.68 -1.69 0.00	25.56 -1.44 0.00	25.52 -1.46 0.00	28.34 -1.55 0.00	33.93 -1.62 0.00	44.81 -1.89 0.00	50.26 -1.98 0.00	41.32 -1.63 0.00	34.97 -1.46 0.00	34.46 -1.41 0.00	37.53 -1.68 0.00	41.13 -1.66 0.00	35.79 -1.37 0.00
SMITHTWN_69_KV_BK 1 55830	51.55 3.33 0.00	80.14 3.87 0.00	76.59 3.07 0.00	67.61 2.95 0.00	63.21 3.59 0.00	71.07 4.10 0.00	73.36 4.67 0.00	69.09 4.86 0.00	63.43 4.27 0.00	53.93 4.27 0.00	42.79 3.61 0.00	37.35 2.97 0.00	29.40 2.41 0.00	29.58 2.59 0.00	32.99 3.10 0.00	48.25 3.61 -9.09	82.63 4.71 -31.23	62.03 4.70 -5.08	46.94 3.99 -0.01	43.47 3.52 -3.52	50.67 3.57 -11.24	45.45 3.71 -2.53	46.56 3.76 -0.01	40.01 2.84 0.00
SOUTH CAIRO____GT 23612	51.43 3.21 0.00	81.08 4.80 0.00	78.25 4.73 0.00	69.00 4.34 0.00	63.80 4.18 0.00	71.88 4.91 0.00	73.35 4.66 0.00	68.55 4.32 0.00	62.95 3.79 0.00	52.14 2.48 0.00	40.63 1.45 0.00	35.45 1.08 0.00	27.85 0.85 0.00	27.86 0.88 0.00	30.98 1.09 0.00	37.28 1.72 0.00	49.49 2.79 0.00	55.59 3.35 0.00	45.67 2.72 0.00	38.64 2.20 0.00	38.03 2.16 0.00	41.67 2.46 0.00	45.48 2.69 0.00	39.59 2.43 0.00
SOUTH HAMPTN____IC 23720	52.72 4.50 0.00	81.99 5.71 0.00	78.37 4.85 0.00	69.29 4.62 0.00	64.87 5.26 0.00	73.03 6.06 0.00	75.56 6.87 0.00	71.21 6.98 0.00	65.41 6.24 0.00	55.30 5.64 0.00	43.41 4.23 0.00	37.84 3.46 0.00	29.81 2.82 0.00	29.90 2.92 0.00	33.42 3.53 0.00	48.72 4.12 -9.05	83.44 5.66 -31.08	62.93 5.64 -5.05	47.72 4.77 -0.01	44.17 4.23 -3.50	51.45 4.40 -11.18	46.24 4.51 -2.52	47.07 4.27 -0.01	40.42 3.26 0.00
SOUTHDOW_115KV_TB1 355954	47.79 -0.43 0.00	74.44 -1.84 0.00	70.00 -3.53 0.00	60.84 -3.82 0.00	55.52 -4.09 0.00	54.08 -5.01 7.87	54.09 -4.89 9.71	50.09 -4.82 9.32	52.71 -3.89 2.57	46.56 -3.10 0.00	37.09 -2.08 0.00	32.10 -2.28 0.00	24.87 -2.12 0.00	26.35 -2.07 -1.44	29.27 -2.23 -1.61	33.48 -2.08 0.00	43.93 -2.76 0.00	49.27 -2.98 0.00	40.64 -2.31 0.00	34.15 -2.12 0.17	33.01 -2.06 0.80	37.01 -2.20 0.00	40.90 -1.89 0.00	35.57 -1.59 0.00
SOUTHOLD_69_KV_BK 2 55809	53.15 4.92 0.00	82.65 6.37 0.00	79.03 5.51 0.00	69.95 5.29 0.00	65.58 5.96 0.00	73.88 6.92 0.00	76.46 7.77 0.00	72.10 7.86 0.00	66.18 7.02 0.00	55.90 6.24 0.00	43.84 4.66 0.00	38.16 3.79 0.00	30.02 3.03 0.00	30.12 3.14 0.00	33.67 3.78 0.00	49.07 4.47 -9.05	83.94 6.15 -31.09	63.53 6.24 -5.05	48.22 5.26 -0.01	44.58 4.64 -3.50	51.83 4.78 -11.19	46.64 4.90 -2.52	47.56 4.76 -0.01	40.82 3.66 0.00
SOUTHOLD____IC 23719	53.15 4.92 0.00	82.66 6.39 0.00	79.03 5.51 0.00	69.96 5.29 0.00	65.57 5.95 0.00	73.87 6.90 0.00	76.44 7.74 0.00	72.07 7.84 0.00	66.18 7.01 0.00	55.91 6.25 0.00	43.84 4.66 0.00	38.17 3.79 0.00	30.02 3.02 0.00	30.12 3.14 0.00	33.67 3.78 0.00	49.07 4.47 -9.05	83.93 6.15 -31.09	63.53 6.23 -5.05	48.22 5.27 -0.01	44.58 4.64 -3.50	51.84 4.79 -11.19	46.64 4.90 -2.52	47.56 4.76 -0.01	40.82 3.66 0.00
SOUTH_FORK_WT_PWR 323839	53.24 5.02 0.00	82.80 6.52 0.00	79.17 5.65 0.00	70.15 5.49 0.00	65.81 6.20 0.00	74.14 7.18 0.00	76.70 8.01 0.00	72.33 8.11 0.00	66.42 7.25 0.00	56.10 6.44 0.00	43.95 4.78 0.00	38.25 3.87 0.00	30.05 3.06 0.00	30.14 3.16 0.00	33.70 3.81 0.00	49.12 4.52 -9.05	84.03 6.25 -31.09	63.62 6.33 -5.05	48.30 5.34 -0.01	44.64 4.70 -3.50	51.90 4.85 -11.19	46.70 4.96 -2.52	47.57 4.77 -0.01	40.83 3.66 0.00
SPIERFLS_115KV_TB 1 80737	50.65 2.42 0.00	79.47 3.19 0.00	76.82 3.30 0.00	67.80 3.14 0.00	62.75 3.14 0.00	70.85 3.88 0.00	72.69 3.99 0.00	68.13 3.89 0.00	62.60 3.44 0.00	52.04 2.38 0.00	40.94 1.76 0.00	35.81 1.44 0.00	28.08 1.08 0.00	28.07 1.09 0.00	31.09 1.19 0.00	37.15 1.60 0.00	49.15 2.46 0.00	54.98 2.73 0.00	44.98 2.03 0.00	38.09 1.66 0.00	37.53 1.66 0.00	41.42 2.21 0.00	45.02 2.23 0.00	39.01 1.85 0.00
ST LAWRENCE____ 23600	48.59 0.37 0.00	77.29 1.02 0.00	74.60 1.08 0.00	65.49 0.83 0.00	60.21 0.60 0.00	67.51 0.55 0.00	69.35 0.66 0.00	64.76 0.53 0.00	59.50 0.33 0.00	50.00 0.34 0.00	39.32 0.14 0.00	34.58 0.21 0.00	27.20 0.21 0.00	27.09 0.11 0.00	29.89 0.00 0.00	35.50 -0.05 0.00	46.67 -0.02 0.00	52.30 0.05 0.00	42.89 -0.05 0.00	36.38 -0.05 0.00	35.74 -0.13 0.00	39.11 -0.10 0.00	42.78 -0.01 0.00	37.25 0.09 0.00

STATE_CA_115KV_115_LB 55624	49.93 1.71 0.00	78.62 2.35 0.00	75.92 2.39 0.00	66.91 2.25 0.00	61.89 2.28 0.00	69.52 2.55 0.00	70.69 1.99 0.00	65.80 1.57 0.00	60.73 1.57 0.00	50.99 1.33 0.00	40.15 0.98 0.00	35.24 0.87 0.00	27.71 0.72 0.00	27.75 0.77 0.00	30.72 0.83 0.00	36.50 0.95 0.00	47.77 1.08 0.00	53.41 1.17 0.00	43.86 0.91 0.00	37.19 0.75 0.00	36.66 0.79 0.00	40.27 1.05 0.00	44.13 1.34 0.00	38.56 1.40 0.00
STATE_ST_34_KV_LOAD 55959	47.77 -0.45 0.00	75.15 -1.12 0.00	72.12 -1.41 0.00	63.38 -1.28 0.00	58.34 -1.27 0.00	65.52 -1.45 0.00	67.40 -1.30 0.00	63.08 -1.16 0.00	58.09 -1.08 0.00	48.56 -1.10 0.00	38.33 -0.85 0.00	33.49 -0.88 0.00	26.26 -0.74 0.00	26.28 -0.71 0.00	29.21 -0.68 0.00	34.96 -0.59 0.00	46.08 -0.61 0.00	51.59 -0.65 0.00	42.44 -0.51 0.00	36.01 -0.42 0.00	35.45 -0.41 0.00	38.65 -0.56 0.00	42.16 -0.63 0.00	36.58 -0.58 0.00
STATION_5_MISC_HYD 23604	46.70 -1.52 0.00	73.03 -3.24 0.00	69.85 -3.68 0.00	61.31 -3.35 0.00	56.23 -3.38 0.00	62.71 -4.25 0.00	64.37 -4.33 -0.02	60.14 -4.10 -0.01	55.39 -3.77 0.00	46.71 -2.95 0.00	37.02 -2.16 0.00	32.43 -1.95 0.00	25.32 -1.68 0.00	25.24 -1.74 0.00	27.99 -1.91 0.00	33.50 -2.05 0.00	44.31 -2.38 0.00	49.74 -2.50 0.00	40.89 -2.05 0.00	34.57 -1.86 0.00	34.10 -1.77 0.00	37.13 -2.08 0.00	40.86 -1.93 0.00	35.67 -1.49 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	47.06 -1.16 0.00	73.76 -2.52 0.00	70.64 -2.88 0.00	62.06 -2.60 0.00	57.03 -2.59 0.00	63.76 -3.20 0.00	65.56 -3.14 0.00	61.30 -2.93 0.00	56.49 -2.68 0.00	47.49 -2.17 0.00	37.55 -1.63 0.00	32.83 -1.54 0.00	25.67 -1.32 0.00	25.63 -1.35 0.00	28.45 -1.44 0.00	34.07 -1.48 0.00	45.03 -1.67 0.00	50.50 -1.74 0.00	41.56 -1.39 0.00	35.16 -1.27 0.00	34.65 -1.22 0.00	37.74 -1.47 0.00	41.36 -1.43 0.00	35.98 -1.18 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	46.44 -1.78 0.00	72.66 -3.61 0.00	69.50 -4.03 0.00	61.00 -3.67 0.00	55.98 -3.63 0.00	60.11 -4.55 2.31	61.22 -4.63 2.85	57.12 -4.38 2.73	54.45 -3.97 0.74	46.55 -3.11 0.00	36.87 -2.31 0.00	32.31 -2.06 0.00	25.23 -1.76 0.00	25.16 -1.82 0.00	27.90 -1.99 0.00	33.39 -2.17 0.00	44.12 -2.58 0.00	49.53 -2.72 0.00	40.72 -2.23 0.00	34.43 -2.01 0.00	33.94 -1.93 0.00	36.98 -2.23 0.00	40.67 -2.12 0.00	35.48 -1.69 0.00
STA_56___34_KV_BUS2 355983	46.44 -1.78 0.00	72.66 -3.61 0.00	69.50 -4.03 0.00	61.00 -3.67 0.00	55.98 -3.63 0.00	60.11 -4.55 2.31	61.22 -4.63 2.85	57.12 -4.38 2.73	54.45 -3.97 0.74	46.55 -3.11 0.00	36.87 -2.31 0.00	32.31 -2.06 0.00	25.23 -1.76 0.00	25.16 -1.82 0.00	27.90 -1.99 0.00	33.39 -2.17 0.00	44.12 -2.58 0.00	49.53 -2.72 0.00	40.72 -2.23 0.00	34.43 -2.01 0.00	33.94 -1.93 0.00	36.98 -2.23 0.00	40.67 -2.12 0.00	35.48 -1.69 0.00
STA_67___115KV_BK2 355882	46.62 -1.60 0.00	72.92 -3.36 0.00	69.71 -3.81 0.00	61.19 -3.48 0.00	56.11 -3.50 0.00	62.52 -4.44 0.00	64.18 -4.53 -0.02	59.93 -4.32 -0.01	55.26 -3.91 0.00	46.62 -3.04 0.00	36.94 -2.24 0.00	32.35 -2.02 0.00	25.26 -1.73 0.00	25.18 -1.80 0.00	27.92 -1.97 0.00	33.41 -2.14 0.00	44.19 -2.50 0.00	49.62 -2.62 0.00	40.80 -2.15 0.00	34.48 -1.95 0.00	34.00 -1.87 0.00	37.04 -2.17 0.00	40.79 -2.00 0.00	35.60 -1.56 0.00
STA_7___115KV_9TRANS 80674	46.91 -1.31 0.00	73.35 -2.92 0.00	70.13 -3.40 0.00	61.55 -3.11 0.00	56.45 -3.16 0.00	62.95 -4.02 0.00	64.66 -4.05 -0.02	60.42 -3.82 -0.01	55.69 -3.48 0.00	46.98 -2.68 0.00	37.21 -1.97 0.00	32.59 -1.78 0.00	25.45 -1.54 0.00	25.37 -1.62 0.00	28.13 -1.76 0.00	33.69 -1.86 0.00	44.56 -2.14 0.00	50.05 -2.20 0.00	41.14 -1.80 0.00	34.77 -1.66 0.00	34.29 -1.58 0.00	37.34 -1.87 0.00	41.08 -1.71 0.00	35.84 -1.32 0.00
STA_82___115KV_TB1 80780	46.57 -1.65 0.00	72.85 -3.43 0.00	69.67 -3.85 0.00	61.14 -3.52 0.00	56.08 -3.54 0.00	62.48 -4.49 0.00	64.12 -4.59 -0.02	59.88 -4.37 -0.01	55.20 -3.97 0.00	46.57 -3.09 0.00	36.90 -2.28 0.00	32.32 -2.05 0.00	25.24 -1.76 0.00	25.15 -1.82 0.00	27.89 -2.00 0.00	33.38 -2.17 0.00	44.14 -2.55 0.00	49.57 -2.67 0.00	40.75 -2.19 0.00	34.45 -1.99 0.00	33.97 -1.90 0.00	37.01 -2.20 0.00	40.76 -2.03 0.00	35.58 -1.59 0.00
STEEL___WIND 323596	46.58 -1.65 0.00	72.31 -3.96 0.00	68.66 -4.87 0.00	60.03 -4.64 0.00	54.62 -5.00 0.00	44.10 -6.47 16.40	41.65 -6.78 20.26	38.12 -6.67 19.44	47.63 -6.18 5.35	44.96 -4.70 0.00	35.91 -3.27 0.00	31.32 -3.05 0.00	24.37 -2.62 0.00	24.23 -2.75 0.00	26.89 -3.01 0.00	32.22 -3.33 0.00	42.70 -3.99 0.00	47.95 -4.29 0.00	39.41 -3.54 0.00	32.92 -3.21 0.30	31.44 -3.00 1.43	35.85 -3.36 0.00	39.81 -2.98 0.00	34.91 -2.26 0.00
STEPHTWN_115KV_BK_2 55603	50.04 1.82 0.00	78.95 2.67 0.00	76.02 2.50 0.00	66.97 2.31 0.00	61.99 2.37 0.00	70.00 3.04 0.00	71.12 2.43 0.00	66.29 2.06 0.00	61.09 1.93 0.00	51.20 1.54 0.00	40.31 1.13 0.00	35.43 1.06 0.00	27.81 0.82 0.00	27.83 0.85 0.00	30.92 1.02 0.00	36.79 1.24 0.00	48.25 1.56 0.00	53.89 1.64 0.00	44.32 1.37 0.00	37.55 1.11 0.00	36.98 1.11 0.00	40.61 1.39 0.00	44.41 1.62 0.00	38.67 1.51 0.00
STEBEN_REC_LFGE 323667	47.78 -0.44 0.00	73.90 -2.37 0.00	69.94 -3.58 0.00	60.83 -3.83 0.00	54.67 -4.95 -0.01	104.11 -6.95 -44.09	116.62 -6.75 -54.68	110.52 -6.15 -52.43	67.97 -5.64 -14.45	44.71 -4.95 0.00	35.50 -3.68 0.00	30.69 -3.69 0.00	23.87 -3.12 0.00	24.12 -2.94 -0.07	26.91 -3.07 -0.08	32.36 -3.19 0.00	42.95 -3.75 0.00	48.09 -4.15 0.00	39.53 -3.42 0.00	34.18 -2.95 -0.69	36.26 -2.85 -3.24	35.90 -3.32 0.00	39.42 -3.37 0.00	34.25 -2.91 0.00
STILLWATER___SOLAR 323814	50.52 2.30 0.00	79.46 3.19 0.00	76.70 3.17 0.00	67.64 2.97 0.00	62.54 2.92 0.00	70.47 3.51 0.00	72.25 3.55 0.00	67.61 3.38 0.00	62.19 3.02 0.00	51.88 2.22 0.00	40.85 1.67 0.00	35.76 1.38 0.00	28.04 1.05 0.00	28.09 1.11 0.00	31.12 1.23 0.00	37.13 1.58 0.00	48.96 2.27 0.00	54.76 2.51 0.00	44.88 1.93 0.00	38.03 1.60 0.00	37.47 1.60 0.00	41.23 2.02 0.00	44.91 2.11 0.00	38.96 1.80 0.00
STONY___BROOK 24151	51.50 3.28 0.00	80.02 3.75 0.00	76.44 2.91 0.00	67.48 2.82 0.00	63.07 3.45 0.00	70.91 3.95 0.00	73.24 4.55 0.00	68.95 4.72 0.00	63.22 4.06 0.00	53.79 4.14 0.00	42.72 3.55 0.00	37.32 2.95 0.00	29.38 2.39 0.00	29.55 2.57 0.00	32.95 3.06 0.00	48.19 3.56 -9.08	82.51 4.63 -31.19	61.87 4.56 -5.07	46.83 3.87 -0.01	43.38 3.44 -3.51	50.59 3.50 -11.22	45.37 3.63 -2.53	46.48 3.69 -0.01	39.95 2.79 0.00
STURGEON_POOL_HYD 23609	50.13 1.91 0.00	78.55 2.28 0.00	75.56 2.03 0.00	66.74 2.08 0.00	61.94 2.32 0.00	69.64 2.68 0.00	71.75 3.05 0.00	67.61 3.38 0.00	62.53 3.36 0.00	52.63 2.97 0.00	41.70 2.53 0.00	36.43 2.06 0.00	28.56 1.57 0.00	28.68 1.70 0.00	31.94 2.04 0.00	37.86 2.31 0.00	49.70 3.01 0.00	55.56 3.31 0.00	45.84 2.89 0.00	38.86 2.43 0.00	38.27 2.40 0.00	41.64 2.43 0.00	45.16 2.37 0.00	38.86 1.70 0.00

ST_LAW_115_BK7_LBMP 345037	48.64 0.42 0.00	77.44 1.16 0.00	74.73 1.21 0.00	65.59 0.93 0.00	60.30 0.69 0.00	67.59 0.63 0.00	69.46 0.77 0.00	64.82 0.59 0.00	59.56 0.39 0.00	50.07 0.41 0.00	39.36 0.18 0.00	34.62 0.25 0.00	27.24 0.24 0.00	27.12 0.14 0.00	29.91 0.02 0.00	35.54 -0.01 0.00	46.72 0.03 0.00	52.34 0.09 0.00	42.92 -0.02 0.00	36.40 -0.03 0.00	35.77 -0.10 0.00	39.14 -0.07 0.00	42.83 0.04 0.00	37.31 0.15 0.00
ST_LAW_115_BK8_LBMP 345038	48.64 0.42 0.00	77.44 1.16 0.00	74.73 1.21 0.00	65.59 0.93 0.00	60.30 0.69 0.00	67.59 0.63 0.00	69.46 0.77 0.00	64.82 0.59 0.00	59.56 0.39 0.00	50.07 0.41 0.00	39.36 0.18 0.00	34.62 0.25 0.00	27.24 0.24 0.00	27.12 0.14 0.00	29.91 0.02 0.00	35.54 -0.01 0.00	46.72 0.03 0.00	52.34 0.09 0.00	42.92 -0.02 0.00	36.40 -0.03 0.00	35.77 -0.10 0.00	39.14 -0.07 0.00	42.83 0.04 0.00	37.31 0.15 0.00
ST_LAW_230_BK5_LBMP 345035	48.59 0.37 0.00	77.29 1.02 0.00	74.60 1.08 0.00	65.49 0.83 0.00	60.21 0.60 0.00	67.51 0.55 0.00	69.35 0.66 0.00	64.76 0.53 0.00	59.50 0.33 0.00	50.00 0.34 0.00	39.32 0.14 0.00	34.58 0.21 0.00	27.20 0.21 0.00	27.09 0.11 0.00	29.89 0.00 0.00	35.50 -0.05 0.00	46.67 -0.02 0.00	52.30 0.05 0.00	42.89 -0.05 0.00	36.38 -0.05 0.00	35.74 -0.13 0.00	39.11 -0.10 0.00	42.78 -0.01 0.00	37.25 0.09 0.00
ST_LAW_230_BK6_LBMP 345036	48.59 0.37 0.00	77.29 1.02 0.00	74.60 1.08 0.00	65.49 0.83 0.00	60.21 0.60 0.00	67.51 0.55 0.00	69.35 0.66 0.00	64.76 0.53 0.00	59.50 0.33 0.00	50.00 0.34 0.00	39.32 0.14 0.00	34.58 0.21 0.00	27.20 0.21 0.00	27.09 0.11 0.00	29.89 0.00 0.00	35.50 -0.05 0.00	46.67 -0.02 0.00	52.30 0.05 0.00	42.89 -0.05 0.00	36.38 -0.05 0.00	35.74 -0.13 0.00	39.11 -0.10 0.00	42.78 -0.01 0.00	37.25 0.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.82 1.60 0.00	78.07 1.79 0.00	75.06 1.53 0.00	66.26 1.60 0.00	61.47 1.86 0.00	69.07 2.11 0.00	71.14 2.44 0.00	67.00 2.77 0.00	62.00 2.83 0.00	52.21 2.55 0.00	41.41 2.23 0.00	36.20 1.82 0.00	28.38 1.38 0.00	28.48 1.50 0.00	31.69 1.80 0.00	37.59 2.04 0.00	49.31 2.62 0.00	55.11 2.86 0.00	45.46 2.51 0.00	38.55 2.12 0.00	37.96 2.10 0.00	41.37 2.15 0.00	44.92 2.12 0.00	38.71 1.55 0.00
SWANROAD_115KV_TB1 355699	45.02 -3.21 0.00	69.88 -6.39 0.00	66.38 -7.14 0.00	58.12 -6.54 0.00	52.92 -6.70 0.00	45.68 -8.36 12.93	43.90 -9.10 15.70	40.16 -8.99 15.08	46.38 -8.57 4.21	43.04 -6.62 0.00	34.49 -4.69 0.00	30.16 -4.21 0.00	23.50 -3.49 0.00	23.29 -3.69 0.00	25.70 -4.19 0.00	30.73 -4.82 0.00	40.76 -5.93 0.00	45.90 -6.35 0.00	37.74 -5.21 0.00	31.60 -4.60 0.23	30.51 -4.25 1.10	34.39 -4.82 0.00	38.48 -4.32 0.00	34.01 -3.15 0.00
SYNERGY___BIOGAS 323694	46.99 -1.23 0.00	73.11 -3.16 0.00	69.58 -3.95 0.00	61.01 -3.65 0.00	55.78 -3.84 0.00	53.11 -4.95 8.90	52.66 -5.14 10.90	48.79 -4.98 10.46	51.51 -4.76 2.90	45.91 -3.75 0.00	36.35 -2.82 0.00	31.93 -2.44 0.00	24.73 -2.27 0.00	24.62 -2.36 0.00	27.31 -2.58 0.00	32.72 -2.83 0.00	43.80 -2.90 0.00	49.35 -2.89 0.00	40.56 -2.38 0.00	34.06 -2.22 0.16	33.08 -2.06 0.73	36.77 -2.45 0.00	40.76 -2.03 0.00	35.70 -1.46 0.00
SYRACUSE___ENERGY_ST1 323597	47.42 -0.80 0.00	74.66 -1.62 0.00	71.72 -1.80 0.00	63.06 -1.60 0.00	58.11 -1.50 0.00	65.26 -1.71 0.00	67.12 -1.57 0.00	62.78 -1.45 0.00	57.82 -1.34 0.00	48.41 -1.25 0.00	38.20 -0.98 0.00	33.45 -0.92 0.00	26.22 -0.77 0.00	26.27 -0.71 0.00	29.22 -0.68 0.00	34.87 -0.69 0.00	45.85 -0.85 0.00	51.28 -0.97 0.00	42.20 -0.75 0.00	35.82 -0.61 0.00	35.27 -0.60 0.00	38.46 -0.76 0.00	41.95 -0.84 0.00	36.42 -0.74 0.00
SYRACUSE___ENERGY_ST2 323598	47.42 -0.80 0.00	74.66 -1.62 0.00	71.72 -1.80 0.00	63.06 -1.60 0.00	58.11 -1.50 0.00	65.26 -1.71 0.00	67.12 -1.57 0.00	62.78 -1.45 0.00	57.82 -1.34 0.00	48.41 -1.25 0.00	38.20 -0.98 0.00	33.45 -0.92 0.00	26.22 -0.77 0.00	26.27 -0.71 0.00	29.22 -0.68 0.00	34.87 -0.69 0.00	45.85 -0.85 0.00	51.28 -0.97 0.00	42.20 -0.75 0.00	35.82 -0.61 0.00	35.27 -0.60 0.00	38.46 -0.76 0.00	41.95 -0.84 0.00	36.42 -0.74 0.00
SYRACUSE___POWER 24017	47.43 -0.79 0.00	74.66 -1.61 0.00	71.71 -1.82 0.00	63.05 -1.61 0.00	58.11 -1.50 0.00	65.27 -1.70 0.00	67.13 -1.56 0.00	62.75 -1.48 0.00	57.81 -1.36 0.00	48.42 -1.24 0.00	38.25 -0.93 0.00	33.50 -0.87 0.00	26.27 -0.73 0.00	26.29 -0.69 0.00	29.20 -0.69 0.00	34.87 -0.68 0.00	45.86 -0.84 0.00	51.30 -0.94 0.00	42.20 -0.74 0.00	35.81 -0.63 0.00	35.26 -0.61 0.00	38.46 -0.75 0.00	41.97 -0.82 0.00	36.42 -0.74 0.00
TALLMAN__138KV_BK151 55660	49.92 1.70 0.00	78.15 1.88 0.00	75.13 1.60 0.00	66.33 1.67 0.00	61.59 1.97 0.00	69.18 2.21 0.00	71.30 2.61 0.00	67.26 3.03 0.00	62.32 3.15 0.00	52.54 2.88 0.00	41.74 2.56 0.00	36.48 2.10 0.00	28.59 1.60 0.00	28.70 1.72 0.00	31.94 2.05 0.00	37.84 2.29 0.00	49.61 2.91 0.00	55.43 3.18 0.00	45.74 2.79 0.00	38.78 2.35 0.00	38.20 2.33 0.00	41.62 2.41 0.00	45.17 2.38 0.00	38.89 1.73 0.00
TEALLAVE_115KV_TB7 355573	47.15 -1.08 0.00	74.24 -2.04 0.00	71.34 -2.19 0.00	62.72 -1.95 0.00	57.79 -1.83 0.00	64.91 -2.06 0.00	66.72 -1.98 0.00	62.42 -1.81 0.00	57.50 -1.66 0.00	48.18 -1.47 0.00	38.06 -1.12 0.00	33.38 -1.00 0.00	26.18 -0.82 0.00	26.18 -0.80 0.00	29.09 -0.80 0.00	34.69 -0.86 0.00	45.59 -1.10 0.00	51.01 -1.24 0.00	41.95 -1.00 0.00	35.61 -0.82 0.00	35.06 -0.81 0.00	38.24 -0.97 0.00	41.76 -1.03 0.00	36.27 -0.89 0.00
TELGRAPH_34_KV_EAST 80808	45.97 -2.25 0.00	71.44 -4.84 0.00	67.94 -5.59 0.00	59.52 -5.14 0.00	54.29 -5.32 0.00	49.26 -6.78 10.93	48.09 -7.22 13.38	44.30 -7.08 12.85	48.92 -6.68 3.57	44.50 -5.16 0.00	35.53 -3.65 0.00	31.13 -3.24 0.00	24.21 -2.79 0.00	24.02 -2.96 0.00	26.58 -3.31 0.00	31.85 -3.70 0.00	42.34 -4.36 0.00	47.66 -4.58 0.00	39.18 -3.77 0.00	32.86 -3.38 0.20	31.80 -3.15 0.92	35.62 -3.60 0.00	39.64 -3.15 0.00	34.87 -2.29 0.00
TEMPLE___115KV_TB 2 55572	47.18 -1.04 0.00	74.24 -2.03 0.00	71.34 -2.18 0.00	62.72 -1.95 0.00	57.81 -1.81 0.00	64.91 -2.06 0.00	66.72 -1.98 0.00	62.42 -1.81 0.00	57.52 -1.65 0.00	48.20 -1.46 0.00	38.09 -1.09 0.00	33.39 -0.98 0.00	26.19 -0.81 0.00	26.19 -0.78 0.00	29.11 -0.78 0.00	34.70 -0.85 0.00	45.63 -1.07 0.00	51.03 -1.21 0.00	41.97 -0.97 0.00	35.62 -0.82 0.00	35.07 -0.79 0.00	38.25 -0.97 0.00	41.79 -1.00 0.00	36.28 -0.89 0.00
TIANA____69_KV_BK 1 55817	52.53 4.31 0.00	81.65 5.38 0.00	78.07 4.55 0.00	68.99 4.33 0.00	64.57 4.96 0.00	72.70 5.73 0.00	75.22 6.53 0.00	70.86 6.63 0.00	65.06 5.90 0.00	55.05 5.39 0.00	43.23 4.05 0.00	37.69 3.31 0.00	29.72 2.73 0.00	29.81 2.83 0.00	33.32 3.43 0.00	48.58 3.98 -9.05	83.24 5.46 -31.09	62.71 5.41 -5.05	47.54 4.59 -0.01	44.02 4.08 -3.50	51.29 4.24 -11.19	46.09 4.36 -2.52	46.93 4.14 -0.01	40.32 3.16 0.00

TILDEN___115KV_TB1 80814	47.43 -0.79 0.00	74.66 -1.61 0.00	71.71 -1.82 0.00	63.05 -1.61 0.00	58.11 -1.50 0.00	65.27 -1.70 0.00	67.13 -1.56 0.00	62.75 -1.48 0.00	57.81 -1.36 0.00	48.42 -1.24 0.00	38.25 -0.93 0.00	33.50 -0.87 0.00	26.27 -0.73 0.00	26.29 -0.69 0.00	29.20 -0.69 0.00	34.87 -0.68 0.00	45.86 -0.84 0.00	51.30 -0.94 0.00	42.20 -0.74 0.00	35.81 -0.63 0.00	35.26 -0.61 0.00	38.46 -0.75 0.00	41.97 -0.82 0.00	36.42 -0.74 0.00
TRIGEN___CC 323695	50.76 2.53 0.00	79.37 3.09 0.00	76.06 2.54 0.00	67.18 2.52 0.00	62.59 2.97 0.00	70.34 3.37 0.00	72.50 3.81 0.00	68.34 4.11 0.00	63.13 3.97 0.00	53.51 3.85 0.00	42.36 3.18 0.00	36.97 2.60 0.00	29.05 2.06 0.00	29.21 2.23 0.00	32.56 2.66 0.00	54.22 3.03 -15.65	104.25 3.80 -53.75	64.94 3.96 -8.74	46.38 3.43 -0.01	45.41 2.92 -6.05	58.13 2.92 -19.34	46.62 3.04 -4.36	45.82 3.02 -0.01	39.41 2.25 0.00
TRINITY__115KV__4 BK 55933	49.67 1.45 0.00	78.21 1.93 0.00	75.54 2.01 0.00	66.57 1.91 0.00	61.57 1.95 0.00	69.17 2.20 0.00	70.32 1.63 0.00	65.49 1.26 0.00	60.45 1.29 0.00	50.75 1.09 0.00	39.99 0.81 0.00	35.09 0.72 0.00	27.59 0.60 0.00	27.62 0.64 0.00	30.57 0.67 0.00	36.30 0.75 0.00	47.52 0.82 0.00	53.12 0.88 0.00	43.64 0.69 0.00	37.01 0.57 0.00	36.48 0.61 0.00	40.08 0.87 0.00	43.91 1.12 0.00	38.37 1.21 0.00
UNION___PROCESSING_DRP 323587	46.58 -1.64 0.00	72.87 -3.41 0.00	69.68 -3.85 0.00	61.16 -3.51 0.00	56.10 -3.52 0.00	62.49 -4.48 0.00	64.13 -4.58 -0.02	59.89 -4.36 -0.01	55.20 -3.96 0.00	46.59 -3.07 0.00	36.90 -2.27 0.00	32.33 -2.04 0.00	25.24 -1.76 0.00	25.16 -1.82 0.00	27.89 -2.00 0.00	33.39 -2.16 0.00	44.16 -2.54 0.00	49.58 -2.67 0.00	40.76 -2.19 0.00	34.46 -1.97 0.00	33.97 -1.89 0.00	37.02 -2.19 0.00	40.76 -2.03 0.00	35.58 -1.58 0.00
UPPER HUDSON___HYD 24058	50.65 2.43 0.00	79.47 3.19 0.00	76.82 3.30 0.00	67.80 3.14 0.00	62.75 3.13 0.00	70.84 3.88 0.00	72.70 4.00 0.00	68.13 3.90 0.00	62.60 3.44 0.00	52.04 2.38 0.00	40.94 1.76 0.00	35.81 1.44 0.00	28.08 1.08 0.00	28.07 1.09 0.00	31.09 1.19 0.00	37.15 1.60 0.00	49.15 2.46 0.00	54.98 2.73 0.00	44.98 2.03 0.00	38.10 1.66 0.00	37.53 1.66 0.00	41.42 2.21 0.00	45.02 2.23 0.00	39.01 1.85 0.00
UPPER RAQUET___HYD 24056	49.26 1.04 0.00	78.39 2.12 0.00	75.65 2.13 0.00	66.24 1.58 0.00	60.92 1.31 0.00	68.07 1.10 0.00	70.18 1.49 0.00	65.37 1.14 0.00	59.81 0.64 0.00	50.31 0.65 0.00	39.31 0.13 0.00	34.57 0.19 0.00	27.27 0.27 0.00	27.19 0.21 0.00	29.99 0.10 0.00	35.61 0.06 0.00	46.67 -0.02 0.00	52.17 -0.07 0.00	42.73 -0.22 0.00	36.25 -0.19 0.00	35.56 -0.31 0.00	39.07 -0.14 0.00	43.19 0.40 0.00	37.77 0.60 0.00
VALLEY44_115KV_TB2 355964	47.15 -1.07 0.00	73.60 -2.67 0.00	70.02 -3.50 0.00	61.29 -3.37 0.00	55.98 -3.63 0.00	56.61 -4.69 5.67	56.80 -4.92 6.97	52.54 -5.00 6.69	53.11 -4.21 1.85	46.47 -3.19 0.00	37.01 -2.17 0.00	32.15 -2.22 0.00	25.00 -1.99 0.00	25.44 -1.85 -0.32	28.32 -1.92 -0.35	33.57 -1.98 0.00	44.24 -2.45 0.00	49.57 -2.67 0.00	40.84 -2.11 0.00	34.41 -1.90 0.13	33.51 -1.76 0.59	37.13 -2.08 0.00	40.99 -1.80 0.00	35.67 -1.49 0.00
VALLEY___115KV_TB 1-4 80826	50.26 2.03 0.00	79.25 2.98 0.00	76.33 2.81 0.00	67.11 2.45 0.00	62.01 2.39 0.00	70.08 3.11 0.00	71.51 2.82 0.00	66.86 2.63 0.00	61.16 2.00 0.00	50.73 1.07 0.00	39.74 0.56 0.00	34.68 0.31 0.00	27.23 0.23 0.00	27.15 0.17 0.00	30.31 0.42 0.00	36.44 0.89 0.00	48.19 1.50 0.00	54.00 1.76 0.00	44.47 1.52 0.00	37.71 1.27 0.00	37.11 1.24 0.00	40.71 1.50 0.00	44.19 1.41 0.00	38.17 1.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	50.25 2.02 0.00	79.14 2.86 0.00	76.14 2.62 0.00	67.26 2.59 0.00	62.31 2.69 0.00	70.16 3.19 0.00	71.83 3.13 0.00	67.35 3.12 0.00	62.11 2.94 0.00	52.07 2.42 0.00	41.10 1.92 0.00	35.88 1.51 0.00	28.10 1.11 0.00	28.11 1.13 0.00	31.30 1.41 0.00	37.28 1.73 0.00	49.07 2.37 0.00	54.92 2.68 0.00	45.24 2.29 0.00	38.34 1.91 0.00	37.74 1.87 0.00	41.13 1.92 0.00	44.68 1.89 0.00	38.56 1.39 0.00
VISCHER___FERRY HYD 24020	49.95 1.72 0.00	78.58 2.30 0.00	75.89 2.37 0.00	66.93 2.27 0.00	61.87 2.25 0.00	69.63 2.66 0.00	71.18 2.49 0.00	66.55 2.32 0.00	61.34 2.17 0.00	51.39 1.74 0.00	40.55 1.37 0.00	35.52 1.14 0.00	27.88 0.89 0.00	27.92 0.93 0.00	30.84 0.95 0.00	36.67 1.12 0.00	48.17 1.48 0.00	53.87 1.63 0.00	44.16 1.21 0.00	37.46 1.02 0.00	36.94 1.07 0.00	40.68 1.47 0.00	44.37 1.58 0.00	38.56 1.40 0.00
V_A_10_SYNC_DSASP 323832	45.39 -2.83 0.00	70.75 -5.53 0.00	67.44 -6.09 0.00	59.13 -5.53 0.00	53.99 -5.62 0.00	50.89 -7.20 8.87	49.97 -7.68 11.05	46.15 -7.49 10.59	49.45 -6.83 2.89	44.44 -5.22 0.00	35.41 -3.77 0.00	30.96 -3.41 0.00	24.16 -2.83 0.00	24.04 -2.94 0.00	26.62 -3.27 0.00	31.81 -3.74 0.00	42.06 -4.63 0.00	47.27 -4.97 0.00	38.87 -4.08 0.00	32.68 -3.61 0.16	31.72 -3.42 0.73	35.40 -3.81 0.00	39.29 -3.50 0.00	34.45 -2.71 0.00
V_CMM_10_SYNC_DSASP 323787	48.91 0.69 0.00	77.82 1.55 0.00	75.09 1.56 0.00	65.92 1.26 0.00	60.58 0.96 0.00	67.93 0.96 0.00	69.80 1.11 0.00	65.14 0.91 0.00	59.83 0.67 0.00	50.29 0.63 0.00	39.55 0.38 0.00	34.78 0.41 0.00	27.37 0.38 0.00	27.26 0.28 0.00	30.07 0.17 0.00	35.72 0.17 0.00	46.97 0.27 0.00	52.63 0.38 0.00	43.15 0.21 0.00	36.61 0.17 0.00	35.96 0.09 0.00	39.34 0.13 0.00	43.06 0.27 0.00	37.51 0.35 0.00
V_CMP_10_SYNC_DSASP 323788	49.68 1.45 0.00	79.11 2.84 0.00	76.32 2.79 0.00	67.04 2.38 0.00	61.75 2.14 0.00	69.32 2.36 0.00	71.16 2.47 0.00	66.60 2.37 0.00	60.92 1.75 0.00	50.74 1.09 0.00	39.60 0.42 0.00	34.91 0.54 0.00	27.53 0.54 0.00	27.41 0.43 0.00	29.99 0.10 0.00	35.46 -0.09 0.00	46.67 -0.03 0.00	52.17 -0.07 0.00	42.67 -0.28 0.00	36.18 -0.25 0.00	35.49 -0.38 0.00	38.95 -0.26 0.00	42.49 -0.30 0.00	36.94 -0.22 0.00
V_D_10_SYNC_DSASP 323841	49.35 1.12 0.00	78.51 2.24 0.00	75.72 2.20 0.00	66.46 1.79 0.00	61.10 1.48 0.00	68.46 1.50 0.00	70.38 1.68 0.00	65.66 1.43 0.00	60.28 1.11 0.00	50.66 1.00 0.00	39.81 0.63 0.00	35.00 0.63 0.00	27.55 0.56 0.00	27.44 0.46 0.00	30.28 0.39 0.00	35.98 0.43 0.00	47.29 0.60 0.00	52.98 0.74 0.00	43.44 0.50 0.00	36.84 0.41 0.00	36.18 0.32 0.00	39.61 0.40 0.00	43.41 0.62 0.00	37.84 0.68 0.00
V_E_10_SYNC_DSASP 323830	51.42 3.19 0.00	80.93 4.66 0.00	77.45 3.92 0.00	67.54 2.88 0.00	61.23 1.62 0.00	72.48 1.10 -4.41	75.09 0.93 -5.47	71.22 1.75 -5.25	61.80 1.19 -1.45	49.05 -0.61 0.00	38.18 -1.00 0.00	33.23 -1.14 0.00	26.05 -0.94 0.00	26.08 -0.91 0.00	29.13 -0.76 0.00	35.39 -0.16 0.00	47.08 0.38 0.00	52.88 0.64 0.00	43.61 0.67 0.00	36.92 0.44 -0.05	36.49 0.37 -0.25	39.43 0.22 0.00	42.77 -0.03 0.00	36.81 -0.36 0.00

V_F_30_NSYNC___DSASP 323816	50.55 2.32 0.00	79.52 3.24 0.00	76.74 3.22 0.00	67.67 3.01 0.00	62.58 2.97 0.00	70.51 3.54 0.00	72.29 3.60 0.00	67.65 3.41 0.00	62.23 3.07 0.00	51.93 2.27 0.00	40.91 1.74 0.00	35.80 1.42 0.00	28.09 1.09 0.00	28.13 1.15 0.00	31.17 1.27 0.00	37.18 1.63 0.00	49.01 2.32 0.00	54.81 2.57 0.00	44.93 1.99 0.00	38.08 1.65 0.00	37.52 1.65 0.00	41.26 2.05 0.00	44.93 2.14 0.00	38.97 1.81 0.00
V_F_30_SYNC_DSASP 323786	49.93 1.70 0.00	78.62 2.35 0.00	75.90 2.38 0.00	66.91 2.25 0.00	61.89 2.27 0.00	69.51 2.55 0.00	70.69 1.99 0.00	65.80 1.56 0.00	60.71 1.55 0.00	50.99 1.33 0.00	40.15 0.98 0.00	35.24 0.87 0.00	27.71 0.72 0.00	27.75 0.76 0.00	30.72 0.82 0.00	36.50 0.94 0.00	47.76 1.07 0.00	53.40 1.16 0.00	43.85 0.90 0.00	37.18 0.74 0.00	36.65 0.78 0.00	40.26 1.05 0.00	44.13 1.34 0.00	38.56 1.39 0.00
V_XM_10_SYNC_DSASP 323789	49.68 1.45 0.00	79.11 2.84 0.00	76.32 2.79 0.00	67.04 2.38 0.00	61.75 2.14 0.00	69.32 2.36 0.00	71.16 2.47 0.00	66.60 2.37 0.00	60.92 1.75 0.00	50.74 1.09 0.00	39.60 0.42 0.00	34.91 0.54 0.00	27.53 0.54 0.00	27.41 0.43 0.00	29.99 0.10 0.00	35.46 -0.09 0.00	46.67 -0.03 0.00	52.17 -0.07 0.00	42.67 -0.28 0.00	36.18 -0.25 0.00	35.49 -0.38 0.00	38.95 -0.26 0.00	42.49 -0.30 0.00	36.94 -0.22 0.00
W.BABYLN_69_KV_BK1 56697	51.71 3.49 0.00	80.56 4.29 0.00	77.11 3.59 0.00	68.09 3.43 0.00	63.54 3.93 0.00	71.41 4.44 0.00	73.73 5.04 0.00	69.50 5.27 0.00	64.04 4.88 0.00	54.33 4.68 0.00	42.98 3.80 0.00	37.45 3.08 0.00	29.44 2.45 0.00	29.64 2.66 0.00	33.08 3.19 0.00	49.16 3.75 -9.86	85.39 4.83 -33.87	62.76 5.01 -5.50	47.24 4.28 -0.01	43.98 3.73 -3.81	51.77 3.72 -12.18	45.87 3.91 -2.75	46.72 3.92 -0.01	40.13 2.97 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.05 1.83 0.00	78.38 2.11 0.00	75.35 1.82 0.00	66.52 1.86 0.00	61.76 2.15 0.00	69.39 2.42 0.00	71.53 2.84 0.00	67.49 3.26 0.00	62.50 3.34 0.00	52.69 3.03 0.00	41.85 2.67 0.00	36.58 2.21 0.00	28.68 1.68 0.00	28.79 1.80 0.00	32.03 2.14 0.00	37.96 2.40 0.00	49.77 3.07 0.00	55.60 3.35 0.00	45.87 2.92 0.00	38.90 2.46 0.00	38.31 2.45 0.00	41.75 2.54 0.00	45.31 2.52 0.00	39.01 1.85 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.36 2.14 0.00	78.65 2.37 0.00	75.62 2.09 0.00	66.78 2.12 0.00	62.11 2.49 0.00	69.85 2.89 0.00	72.15 3.45 0.00	68.13 3.90 0.00	63.08 3.91 0.00	53.28 3.62 0.00	42.30 3.12 0.00	37.01 2.64 0.00	29.04 2.05 0.00	29.14 2.16 0.00	32.45 2.55 0.00	38.43 2.87 0.00	50.33 3.64 0.00	56.09 3.84 0.00	46.27 3.33 0.00	39.23 2.79 0.00	38.64 2.77 0.00	42.00 2.79 0.00	45.57 2.79 0.00	39.23 2.06 0.00
W50THST__13_KV_LOAD 356117	50.64 2.42 0.00	79.05 2.78 0.00	76.01 2.49 0.00	67.14 2.48 0.00	62.44 2.83 0.00	70.26 3.30 0.00	72.58 3.89 0.00	68.60 4.37 0.00	63.55 4.38 0.00	53.68 4.02 0.00	42.62 3.44 0.00	37.29 2.92 0.00	29.28 2.28 0.00	29.38 2.40 0.00	32.71 2.82 0.00	38.72 3.16 0.00	50.69 4.00 0.00	56.48 4.23 0.00	46.59 3.64 0.00	39.47 3.03 0.00	38.89 3.02 0.00	42.23 3.01 0.00	45.82 3.03 0.00	39.44 2.28 0.00
WADING RIVER_IC_1 23522	52.03 3.80 0.00	80.90 4.62 0.00	77.32 3.80 0.00	68.28 3.62 0.00	63.86 4.25 0.00	71.86 4.90 0.00	74.30 5.61 0.00	69.98 5.75 0.00	64.28 5.12 0.00	54.46 4.80 0.00	42.76 3.58 0.00	37.31 2.94 0.00	29.50 2.51 0.00	29.53 2.55 0.00	32.99 3.10 0.00	48.10 3.51 -9.04	82.61 4.84 -31.08	61.89 4.60 -5.05	46.88 3.92 -0.01	43.48 3.55 -3.50	50.85 3.81 -11.18	45.60 3.86 -2.52	46.60 3.80 -0.01	40.05 2.89 0.00
WADING RIVER_IC_2 23547	52.03 3.80 0.00	80.90 4.62 0.00	77.32 3.80 0.00	68.28 3.62 0.00	63.86 4.25 0.00	71.86 4.90 0.00	74.30 5.61 0.00	69.98 5.75 0.00	64.28 5.12 0.00	54.46 4.80 0.00	42.76 3.58 0.00	37.31 2.94 0.00	29.50 2.51 0.00	29.53 2.55 0.00	32.99 3.10 0.00	48.10 3.51 -9.04	82.61 4.84 -31.08	61.89 4.60 -5.05	46.88 3.92 -0.01	43.48 3.55 -3.50	50.85 3.81 -11.18	45.60 3.86 -2.52	46.60 3.80 -0.01	40.05 2.89 0.00
WADING RIVER_IC_3 23601	52.03 3.80 0.00	80.90 4.62 0.00	77.32 3.80 0.00	68.28 3.62 0.00	63.86 4.25 0.00	71.86 4.90 0.00	74.30 5.61 0.00	69.98 5.75 0.00	64.28 5.12 0.00	54.46 4.80 0.00	42.76 3.58 0.00	37.31 2.94 0.00	29.50 2.51 0.00	29.53 2.55 0.00	32.99 3.10 0.00	48.10 3.51 -9.04	82.61 4.84 -31.08	61.89 4.60 -5.05	46.88 3.92 -0.01	43.48 3.55 -3.50	50.85 3.81 -11.18	45.60 3.86 -2.52	46.60 3.80 -0.01	40.05 2.89 0.00
WALDENNY_12_KV_BK2 80841	46.57 -1.65 0.00	72.32 -3.96 0.00	68.66 -4.87 0.00	60.04 -4.63 0.00	54.64 -4.97 0.00	44.43 -6.52 16.02	41.95 -6.97 19.76	38.43 -6.84 18.96	47.75 -6.19 5.22	44.99 -4.67 0.00	35.97 -3.21 0.00	31.39 -2.99 0.00	24.43 -2.57 0.00	24.27 -2.71 0.00	26.91 -2.99 0.00	32.25 -3.30 0.00	42.70 -3.99 0.00	47.99 -4.26 0.00	39.42 -3.52 0.00	32.95 -3.18 0.30	31.51 -2.97 1.39	35.88 -3.33 0.00	39.88 -2.91 0.00	34.98 -2.18 0.00
WALDEN__HYDRO 24148	50.14 1.92 0.00	78.56 2.29 0.00	75.56 2.03 0.00	66.70 2.04 0.00	61.89 2.27 0.00	69.58 2.61 0.00	71.65 2.96 0.00	67.52 3.29 0.00	62.43 3.27 0.00	52.51 2.85 0.00	41.60 2.42 0.00	36.34 1.97 0.00	28.50 1.50 0.00	28.61 1.62 0.00	31.84 1.95 0.00	37.80 2.25 0.00	49.65 2.95 0.00	55.49 3.25 0.00	45.77 2.83 0.00	38.82 2.38 0.00	38.22 2.36 0.00	41.64 2.43 0.00	45.19 2.40 0.00	38.93 1.77 0.00
WARRENSBURG____ 23737	50.65 2.42 0.00	79.47 3.19 0.00	76.82 3.30 0.00	67.80 3.14 0.00	62.75 3.14 0.00	70.85 3.88 0.00	72.69 3.99 0.00	68.13 3.89 0.00	62.60 3.44 0.00	52.04 2.38 0.00	40.94 1.76 0.00	35.81 1.44 0.00	28.08 1.08 0.00	28.07 1.09 0.00	31.09 1.19 0.00	37.15 1.60 0.00	49.15 2.46 0.00	54.98 2.73 0.00	44.98 2.03 0.00	38.09 1.66 0.00	37.53 1.66 0.00	41.42 2.21 0.00	45.02 2.23 0.00	39.01 1.85 0.00
WATERSIDE____6 8 9 23538	50.28 2.06 0.00	78.32 2.04 0.00	75.30 1.78 0.00	66.65 1.99 0.00	61.95 2.33 0.00	69.58 2.62 0.00	71.80 3.11 0.00	67.88 3.65 0.00	62.95 3.79 0.00	53.17 3.51 0.00	42.34 3.16 0.00	37.06 2.69 0.00	29.11 2.12 0.00	29.23 2.24 0.00	32.56 2.67 0.00	38.40 2.85 0.00	50.26 3.57 0.00	56.01 3.76 0.00	46.35 3.40 0.00	39.28 2.85 0.00	38.69 2.83 0.00	42.01 2.80 0.00	45.58 2.79 0.00	39.33 2.17 0.00
WATKINRD_115KV_LN8_ILLION 55919	49.69 1.46 0.00	78.36 2.09 0.00	75.51 1.99 0.00	66.40 1.74 0.00	61.31 1.70 0.00	69.18 2.22 0.00	70.74 2.04 0.00	66.14 1.91 0.00	60.66 1.49 0.00	50.44 0.79 0.00	39.61 0.43 0.00	34.63 0.26 0.00	27.18 0.19 0.00	27.13 0.15 0.00	30.23 0.33 0.00	36.22 0.67 0.00	47.83 1.13 0.00	53.56 1.32 0.00	44.08 1.14 0.00	37.38 0.94 0.00	36.80 0.93 0.00	40.33 1.12 0.00	43.84 1.05 0.00	37.93 0.76 0.00

WDELAWARE___HYD 323627	50.42 2.20 0.00	79.08 2.81 0.00	76.06 2.53 0.00	67.14 2.48 0.00	62.29 2.67 0.00	70.08 3.12 0.00	72.24 3.55 0.00	68.04 3.80 0.00	62.85 3.69 0.00	52.72 3.07 0.00	41.73 2.55 0.00	36.38 2.00 0.00	28.48 1.49 0.00	28.59 1.61 0.00	31.87 1.97 0.00	37.92 2.37 0.00	49.94 3.24 0.00	55.85 3.60 0.00	46.08 3.13 0.00	39.06 2.63 0.00	38.46 2.59 0.00	41.84 2.63 0.00	45.39 2.60 0.00	39.08 1.92 0.00
WEST BABYLON___IC 23714	51.71 3.49 0.00	80.56 4.29 0.00	77.11 3.59 0.00	68.09 3.43 0.00	63.54 3.93 0.00	71.41 4.44 0.00	73.73 5.04 0.00	69.50 5.27 0.00	64.04 4.88 0.00	54.33 4.68 0.00	42.98 3.80 0.00	37.45 3.08 0.00	29.44 2.45 0.00	29.64 2.66 0.00	33.08 3.19 0.00	49.16 3.75 -9.86	85.39 4.83 -33.87	62.76 5.01 -5.50	47.24 4.28 -0.01	43.98 3.73 -3.81	51.77 3.72 -12.18	45.87 3.91 -2.75	46.72 3.92 -0.01	40.13 2.97 0.00
WEST CANADA___HYD 24049	48.40 0.18 0.00	76.43 0.15 0.00	73.67 0.15 0.00	64.75 0.09 0.00	59.74 0.12 0.00	67.21 0.24 0.00	68.90 0.21 0.00	64.43 0.19 0.00	59.30 0.13 0.00	49.71 0.05 0.00	39.21 0.03 0.00	34.37 0.00 0.00	26.99 0.00 0.00	27.00 0.02 0.00	29.93 0.04 0.00	35.62 0.07 0.00	46.76 0.06 0.00	52.31 0.06 0.00	43.03 0.08 0.00	36.48 0.04 0.00	35.94 0.07 0.00	39.32 0.11 0.00	42.88 0.09 0.00	37.20 0.04 0.00
WESTERN_NY_WIND 24143	46.91 -1.32 0.00	72.99 -3.28 0.00	69.45 -4.08 0.00	60.88 -3.78 0.00	55.66 -3.96 0.00	52.32 -5.11 9.54	51.70 -5.32 11.68	47.87 -5.15 11.21	51.14 -4.92 3.11	45.78 -3.87 0.00	36.27 -2.91 0.00	31.86 -2.51 0.00	24.68 -2.32 0.00	24.57 -2.41 0.00	27.26 -2.63 0.00	32.65 -2.90 0.00	43.69 -3.01 0.00	49.22 -3.03 0.00	40.46 -2.48 0.00	33.95 -2.31 0.17	32.94 -2.14 0.79	36.68 -2.53 0.00	40.68 -2.11 0.00	35.64 -1.52 0.00
WESTOVER___LESR 323668	47.78 -0.44 0.00	75.22 -1.06 0.00	72.01 -1.51 0.00	63.28 -1.38 0.00	58.29 -1.33 0.00	68.68 -1.59 -3.31	71.30 -1.50 -4.11	66.83 -1.34 -3.94	59.11 -1.14 -1.08	48.66 -0.99 0.00	38.53 -0.65 0.00	33.59 -0.78 0.00	26.29 -0.71 0.00	26.39 -0.60 0.00	29.37 -0.52 0.00	35.07 -0.48 0.00	46.14 -0.56 0.00	51.57 -0.68 0.00	42.48 -0.46 0.00	36.03 -0.40 0.00	35.47 -0.40 0.00	38.66 -0.54 0.00	42.17 -0.62 0.00	36.47 -0.69 0.00
WETHRSFD_WT_PWR 323626	46.21 -2.01 0.00	71.66 -4.61 0.00	67.80 -5.73 0.00	59.02 -5.64 0.00	53.41 -6.20 0.01	0.67 -7.91 58.39	-11.71 -7.99 72.41	-12.85 -7.64 69.44	33.04 -7.09 19.04	43.82 -5.84 0.00	35.04 -4.15 0.00	30.47 -3.90 0.00	23.75 -3.24 0.00	23.78 -3.20 0.00	26.45 -3.44 0.00	31.80 -3.75 0.00	42.00 -4.69 0.00	47.05 -5.19 0.00	38.63 -4.32 0.00	31.52 -3.84 1.08	27.15 -3.67 5.05	35.16 -4.05 0.00	38.75 -4.04 0.00	33.87 -3.29 0.00
WHAVSTOR_138KV_BK127 55557	49.83 1.60 0.00	78.07 1.79 0.00	75.05 1.53 0.00	66.26 1.60 0.00	61.53 1.91 0.00	69.12 2.16 0.00	71.23 2.54 0.00	67.18 2.95 0.00	62.22 3.06 0.00	52.47 2.81 0.00	41.66 2.49 0.00	36.43 2.06 0.00	28.56 1.56 0.00	28.66 1.68 0.00	31.90 2.00 0.00	37.79 2.23 0.00	49.53 2.83 0.00	55.33 3.09 0.00	45.66 2.71 0.00	38.72 2.28 0.00	38.14 2.28 0.00	41.55 2.34 0.00	45.11 2.32 0.00	38.85 1.69 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	49.83 1.60 0.00	78.07 1.79 0.00	75.05 1.53 0.00	66.26 1.60 0.00	61.53 1.91 0.00	69.12 2.16 0.00	71.23 2.54 0.00	67.18 2.95 0.00	62.22 3.06 0.00	52.47 2.81 0.00	41.66 2.49 0.00	36.43 2.06 0.00	28.56 1.56 0.00	28.66 1.68 0.00	31.90 2.00 0.00	37.79 2.23 0.00	49.53 2.83 0.00	55.33 3.09 0.00	45.66 2.71 0.00	38.72 2.28 0.00	38.14 2.28 0.00	41.55 2.34 0.00	45.11 2.32 0.00	38.85 1.69 0.00
WHITEHAL_115KV_TB1 80871	52.33 4.10 0.00	81.64 5.36 0.00	79.04 5.52 0.00	69.94 5.28 0.00	64.70 5.09 0.00	73.51 6.54 0.00	75.61 6.92 0.00	70.91 6.68 0.00	65.19 6.03 0.00	53.38 3.72 0.00	41.98 2.80 0.00	36.69 2.32 0.00	28.77 1.78 0.00	28.86 1.88 0.00	31.65 1.76 0.00	38.04 2.49 0.00	51.11 4.42 0.00	57.06 4.82 0.00	46.33 3.39 0.00	39.20 2.77 0.00	38.46 2.60 0.00	43.00 3.79 0.00	46.71 3.91 0.00	40.34 3.18 0.00
WHITEPLN_13_KV_LOAD 356215	50.64 2.42 0.00	79.20 2.92 0.00	76.14 2.61 0.00	67.19 2.53 0.00	62.42 2.81 0.00	70.21 3.24 0.00	72.43 3.73 0.00	68.37 4.14 0.00	63.29 4.13 0.00	53.39 3.73 0.00	42.37 3.19 0.00	37.06 2.68 0.00	29.05 2.05 0.00	29.15 2.17 0.00	32.45 2.56 0.00	38.46 2.91 0.00	50.45 3.76 0.00	56.33 4.09 0.00	46.47 3.52 0.00	39.40 2.96 0.00	38.78 2.92 0.00	42.20 2.99 0.00	45.78 2.99 0.00	39.40 2.24 0.00
WM_FLOYD_69_KV_BK2 356380	51.92 3.70 0.00	80.68 4.40 0.00	77.12 3.60 0.00	68.10 3.44 0.00	63.66 4.05 0.00	71.65 4.68 0.00	74.06 5.37 0.00	69.73 5.50 0.00	64.07 4.91 0.00	54.29 4.63 0.00	42.79 3.61 0.00	37.33 2.96 0.00	29.44 2.45 0.00	29.57 2.59 0.00	33.03 3.14 0.00	48.25 3.65 -9.06	82.71 4.88 -31.13	62.12 4.82 -5.06	47.05 4.09 -0.01	43.62 3.68 -3.51	50.87 3.80 -11.20	45.66 3.92 -2.53	46.69 3.89 -0.01	40.15 2.99 0.00
WOODARD__115KV_TB2 355635	47.11 -1.11 0.00	74.20 -2.07 0.00	71.31 -2.21 0.00	62.69 -1.97 0.00	57.78 -1.84 0.00	64.89 -2.08 0.00	66.68 -2.01 0.00	62.40 -1.84 0.00	57.49 -1.68 0.00	48.16 -1.49 0.00	38.04 -1.14 0.00	33.36 -1.01 0.00	26.17 -0.82 0.00	26.18 -0.80 0.00	29.09 -0.80 0.00	34.66 -0.89 0.00	45.56 -1.13 0.00	50.96 -1.28 0.00	41.92 -1.03 0.00	35.58 -0.85 0.00	35.04 -0.83 0.00	38.21 -1.00 0.00	41.71 -1.08 0.00	36.22 -0.94 0.00
WOODMERE_69_KV_BK1 55827	51.30 3.07 0.00	80.19 3.92 0.00	76.84 3.31 0.00	67.85 3.19 0.00	63.21 3.59 0.00	71.01 4.04 0.00	73.28 4.59 0.00	69.08 4.85 0.00	63.79 4.63 0.00	54.05 4.39 0.00	42.81 3.63 0.00	37.35 2.98 0.00	29.35 2.36 0.00	29.50 2.52 0.00	32.89 2.99 0.00	55.16 3.41 -16.20	106.68 4.34 -55.64	65.89 4.60 -9.04	46.94 3.99 -0.01	46.06 3.36 -6.26	59.24 3.35 -20.02	47.23 3.51 -4.52	46.32 3.51 -0.01	39.82 2.66 0.00
YORK___WARBASSE 23770	50.46 2.24 0.00	78.48 2.21 0.00	75.50 1.97 0.00	66.82 2.16 0.00	62.16 2.54 0.00	69.80 2.84 0.00	72.04 3.35 0.00	68.12 3.89 0.00	63.12 3.95 0.00	53.30 3.64 0.00	42.40 3.22 0.00	37.10 2.73 0.00	29.11 2.12 0.00	29.22 2.23 0.00	32.55 2.65 0.00	38.45 2.90 0.00	50.38 3.69 0.00	56.13 3.88 0.00	46.47 3.52 0.00	39.39 2.96 0.00	38.79 2.92 0.00	42.17 2.96 0.00	45.67 2.87 0.00	39.33 2.16 0.00