

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										12/20/2024	
Generator Data																											
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		EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
24138		47.56	43.31	40.98	39.42	40.58	46.19	55.94	61.39	65.77	65.60	77.07	79.63	76.27	77.14	75.05	79.96	76.29	87.53	78.67	73.03	69.45	67.62	65.32	60.74		
		2.22	1.91	1.77	1.59	1.67	2.07	2.91	4.13	4.70	4.80	5.90	6.17	5.84	5.78	5.88	6.47	6.17	7.08	6.56	5.97	5.79	5.64	5.17	4.60		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_1		47.56	43.27	40.90	39.50	40.69	46.19	55.94	61.33	65.65	65.54	77.00	79.56	76.20	77.22	74.98	79.96	76.22	87.44	78.60	73.03	69.45	67.74	65.38	60.74		
24260		2.22	1.86	1.69	1.66	1.79	2.07	2.92	4.07	4.58	4.74	5.84	6.10	5.77	5.85	5.81	6.47	6.10	7.00	6.49	5.97	5.79	5.76	5.23	4.60		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_2		47.56	43.27	40.90	39.50	40.69	46.19	55.94	61.33	65.65	65.54	77.00	79.56	76.20	77.22	74.98	79.96	76.22	87.44	78.60	73.03	69.45	67.74	65.38	60.74		
24261		2.22	1.86	1.69	1.66	1.79	2.07	2.92	4.07	4.58	4.74	5.84	6.10	5.77	5.85	5.81	6.47	6.10	7.00	6.49	5.97	5.79	5.76	5.23	4.60		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK HUDSON___FALLS		47.56	43.47	41.09	39.61	40.69	45.97	55.62	60.19	64.43	64.33	75.15	77.94	74.37	75.50	72.70	77.68	73.20	84.23	75.28	69.95	66.26	64.77	62.92	58.66		
24011		2.22	2.07	1.88	1.78	1.79	1.85	2.60	2.92	3.36	3.53	3.99	4.48	3.94	4.14	3.53	4.19	3.09	3.78	3.17	2.88	2.61	2.79	2.77	2.53		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		47.70	43.64	41.21	39.65	40.77	46.06	55.78	60.36	64.67	64.57	75.29	78.23	74.58	75.65	72.84	77.83	73.28	84.31	75.36	70.01	66.33	64.77	62.98	58.72		
23798		2.36	2.23	2.00	1.82	1.87	1.94	2.76	3.09	3.60	3.77	4.13	4.77	4.15	4.28	3.66	4.33	3.16	3.86	3.25	2.95	2.67	2.79	2.83	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		47.56	43.47	41.09	39.61	40.69	45.97	55.62	60.19	64.43	64.33	75.15	77.94	74.37	75.50	72.70	77.68	73.20	84.23	75.28	69.95	66.26	64.77	62.92	58.66		
24028		2.22	2.07	1.88	1.78	1.79	1.85	2.60	2.92	3.36	3.53	3.99	4.48	3.94	4.14	3.53	4.19	3.09	3.78	3.17	2.88	2.61	2.79	2.77	2.53		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		47.88	43.68	41.33	39.84	41.00	46.59	56.15	61.04	65.22	64.94	76.14	78.82	75.43	76.29	74.01	78.78	74.95	86.16	77.37	72.03	68.36	66.56	64.54	60.18		
23527		2.54	2.28	2.12	2.00	2.10	2.47	3.13	3.78	4.15	4.14	4.98	5.36	5.00	4.92	4.84	5.29	4.83	5.71	5.26	4.96	4.71	4.59	4.39	4.04		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		45.79	41.73	39.57	38.37	39.29	44.52	53.66	58.30	62.17	62.08	73.51	75.96	72.75	73.72	71.39	76.06	72.15	82.86	74.35	69.28	65.69	64.09	62.13	57.99		
24190		0.45	0.33	0.35	0.53	0.39	0.40	0.64	1.03	1.10	1.28	2.35	2.50	2.32	2.36	2.21	2.57	2.03	2.41	2.24	2.21	2.04	2.11	1.98	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		
AKWESSNE_115KV_BK		45.93	42.11	39.92	38.40	39.41	44.78	53.71	57.32	61.13	60.74	71.09	73.32	70.50	71.44	69.10	73.27	70.26	80.04	71.89	66.86	63.59	61.79	60.03	56.02		
355683		0.59	0.70	0.71	0.57	0.51	0.66	0.69	0.06	0.06	-0.06	-0.07	-0.15	0.07	0.07	-0.07	-0.22	0.14	-0.40	-0.22	-0.20	-0.06	-0.19	-0.12	-0.11		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		46.75	42.73	40.47	39.01	40.03	45.44	54.72	59.21	63.20	62.99	74.01	76.55	73.31	74.29	72.01	76.72	72.78	83.67	75.07	69.88	66.26	64.64	62.67	58.55		
323833		1.41	1.32	1.25	1.17	1.13	1.32	1.70	1.95	2.14	2.19	2.85	3.08	2.89	2.93	2.84	3.23	2.66	3.22	2.96	2.82	2.61	2.66	2.53	2.41		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_2_SOLAR		46.75	42.69	40.43	39.01	40.03	45.44	54.72	59.21	63.20	62.99	74.01	76.55	73.24	74.29	72.01	76.65	72.78	83.58	75.00	69.82	66.26	64.64	62.67	58.55		
323834		1.41	1.28	1.22	1.17	1.13	1.32	1.70	1.95	2.14	2.19	2.85	3.08	2.82	2.93	2.84	3.16	2.66	3.13	2.89	2.75	2.61	2.66	2.53	2.41		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY___1		45.79	41.73	39.57	38.37	39.29	44.52	53.66	58.30	62.17	62.08	73.51	75.96	72.75	73.72	71.39	76.06	72.15	82.86	74.35	69.28	65.69	64.09	62.13	57.99		
23571		0.45	0.33	0.35	0.53	0.39	0.40	0.64	1.03	1.10	1.28	2.35	2.50	2.32	2.36	2.21	2.57	2.03	2.41	2.24	2.21	2.04	2.11	1.98	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		

ALBANY___2 23572	45.79 0.45 0.00	41.73 0.33 0.00	39.57 0.35 0.00	38.37 0.53 0.00	39.29 0.39 0.00	44.52 0.40 0.00	53.66 0.64 0.00	58.30 1.03 0.00	62.17 1.10 0.00	62.08 1.28 0.00	73.51 2.35 0.00	75.96 2.50 0.00	72.75 2.32 0.00	73.72 2.36 0.00	71.39 2.21 0.00	76.06 2.57 0.00	72.15 2.03 0.00	82.86 2.41 0.00	74.35 2.24 0.00	69.28 2.21 0.00	65.69 2.04 0.00	64.09 2.11 0.00	62.13 1.98 0.00	57.99 1.85 0.00
ALBANY___3 23573	45.79 0.45 0.00	41.73 0.33 0.00	39.57 0.35 0.00	38.37 0.53 0.00	39.29 0.39 0.00	44.52 0.40 0.00	53.66 0.64 0.00	58.30 1.03 0.00	62.17 1.10 0.00	62.08 1.28 0.00	73.51 2.35 0.00	75.96 2.50 0.00	72.75 2.32 0.00	73.72 2.36 0.00	71.39 2.21 0.00	76.06 2.57 0.00	72.15 2.03 0.00	82.86 2.41 0.00	74.35 2.24 0.00	69.28 2.21 0.00	65.69 2.04 0.00	64.09 2.11 0.00	62.13 1.98 0.00	57.99 1.85 0.00
ALBANY___4 23574	45.79 0.45 0.00	41.73 0.33 0.00	39.57 0.35 0.00	38.37 0.53 0.00	39.29 0.39 0.00	44.52 0.40 0.00	53.66 0.64 0.00	58.30 1.03 0.00	62.17 1.10 0.00	62.08 1.28 0.00	73.51 2.35 0.00	75.96 2.50 0.00	72.75 2.32 0.00	73.72 2.36 0.00	71.39 2.21 0.00	76.06 2.57 0.00	72.15 2.03 0.00	82.86 2.41 0.00	74.35 2.24 0.00	69.28 2.21 0.00	65.69 2.04 0.00	64.09 2.11 0.00	62.13 1.98 0.00	57.99 1.85 0.00
ALBANY___LFGE 323615	46.20 0.86 0.00	42.19 0.78 0.00	40.00 0.78 0.00	38.59 0.76 0.00	39.61 0.70 0.00	44.96 0.84 0.00	54.19 1.17 0.00	58.87 1.60 0.00	62.84 1.77 0.00	62.75 1.95 0.00	74.08 2.92 0.00	76.69 3.23 0.00	73.38 2.96 0.00	74.29 2.93 0.00	72.01 2.84 0.00	76.58 3.09 0.00	72.64 2.52 0.00	83.42 2.98 0.00	74.92 2.81 0.00	69.75 2.69 0.00	66.13 2.48 0.00	64.52 2.54 0.00	62.56 2.41 0.00	58.38 2.25 0.00
ALCOA_PA_115KV_PL-6C 55860	46.02 0.68 0.00	42.23 0.83 0.00	40.00 0.78 0.00	38.48 0.64 0.00	39.49 0.58 0.00	44.87 0.75 0.00	53.82 0.80 0.00	57.44 0.17 0.00	61.25 0.18 0.00	60.86 0.06 0.00	71.24 0.07 0.00	73.46 0.00 0.00	70.64 0.21 0.00	71.58 0.21 0.00	69.31 0.14 0.00	73.49 0.00 0.00	70.47 0.35 0.00	80.20 -0.24 0.00	72.11 0.00 0.00	67.00 -0.07 0.00	63.72 0.06 0.00	61.92 -0.06 0.00	60.21 0.06 0.00	56.13 0.00 0.00
ALCOA_RYNLDS___DRP 24188	46.02 0.68 0.00	42.23 0.83 0.00	40.00 0.78 0.00	38.48 0.64 0.00	39.49 0.58 0.00	44.87 0.75 0.00	53.82 0.80 0.00	57.44 0.17 0.00	61.25 0.18 0.00	60.86 0.06 0.00	71.24 0.07 0.00	73.46 0.00 0.00	70.64 0.21 0.00	71.58 0.21 0.00	69.31 0.14 0.00	73.49 0.00 0.00	70.47 0.35 0.00	80.20 -0.24 0.00	72.11 0.00 0.00	67.00 -0.07 0.00	63.72 0.06 0.00	61.92 -0.06 0.00	60.21 0.06 0.00	56.13 0.00 0.00
ALCOA___DSASP 323711	46.02 0.68 0.00	42.11 0.70 0.00	39.88 0.67 0.00	38.55 0.72 0.00	39.57 0.66 0.00	44.87 0.75 0.00	53.82 0.80 0.00	57.44 0.17 0.00	61.25 0.18 0.00	60.80 0.00 0.00	71.24 0.07 0.00	73.46 0.00 0.00	70.64 0.21 0.00	71.72 0.36 0.00	69.31 0.14 0.00	73.49 0.00 0.00	70.47 0.35 0.00	80.20 -0.24 0.00	72.11 0.00 0.00	67.00 -0.07 0.00	63.72 0.06 0.00	61.92 -0.06 0.00	60.21 0.06 0.00	56.13 0.00 0.00
ALLEGHENY___COGEN 23514	46.25 0.91 0.00	42.11 0.70 0.00	39.84 0.63 0.00	38.40 0.57 0.00	39.68 0.78 0.00	45.05 0.93 0.00	53.71 0.69 0.00	56.75 -0.52 0.00	59.97 -1.10 0.00	59.71 -1.09 0.00	68.39 -2.78 0.00	70.31 -3.16 0.00	67.12 -3.31 0.00	68.23 -3.14 0.00	66.33 -2.84 0.00	70.18 -3.31 0.00	67.60 -2.52 0.00	78.28 -2.17 0.00	69.80 -2.31 0.00	64.65 -2.41 0.00	61.11 -2.55 0.00	59.25 -2.73 0.00	58.10 -2.05 0.00	54.50 -1.63 0.00
ALTAMONT_115KV_TB 2 55880	46.29 0.95 0.00	42.23 0.83 0.00	40.00 0.78 0.00	38.63 0.79 0.00	39.68 0.78 0.00	45.00 0.88 0.00	54.24 1.22 0.00	58.87 1.60 0.00	62.84 1.77 0.00	62.63 1.82 0.00	73.58 2.42 0.00	76.11 2.64 0.00	72.82 2.39 0.00	73.79 2.43 0.00	71.52 2.35 0.00	76.14 2.65 0.00	72.36 2.24 0.00	83.10 2.65 0.00	74.63 2.52 0.00	69.48 2.41 0.00	65.95 2.29 0.00	64.27 2.29 0.00	62.25 2.11 0.00	58.10 1.96 0.00
ALTONA_WT_PWR 323606	46.70 1.36 0.00	42.69 1.28 0.00	40.43 1.22 0.00	39.24 1.40 0.00	40.23 1.32 0.00	45.49 1.37 0.00	54.67 1.65 0.00	57.84 0.57 0.00	61.68 0.61 0.00	61.23 0.43 0.00	71.73 0.57 0.00	73.54 0.07 0.00	71.20 0.78 0.00	72.36 1.00 0.00	69.86 0.69 0.00	73.56 0.07 0.00	71.10 0.98 0.00	80.12 -0.32 0.00	72.33 0.22 0.00	67.60 0.53 0.00	64.29 0.64 0.00	62.41 0.44 0.00	60.63 0.48 0.00	56.53 0.40 0.00
AMERICAN_REF_FUEL 24010	42.03 -3.31 0.00	38.38 -3.02 0.00	36.39 -2.82 0.00	35.08 -2.76 0.00	36.22 -2.68 0.00	41.03 -3.09 0.00	47.88 -5.14 0.00	51.31 -5.96 0.00	54.71 -6.35 0.00	54.60 -6.20 0.00	62.34 -8.83 0.00	63.91 -9.55 0.00	61.27 -9.15 0.00	62.16 -9.21 0.00	60.18 -8.99 0.00	63.28 -10.21 0.00	60.37 -9.74 0.00	70.15 -10.30 0.00	62.16 -9.95 0.00	57.47 -9.59 0.00	54.62 -9.04 0.00	53.49 -8.49 0.00	53.29 -6.86 0.00	51.03 -5.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.66 -0.68 0.00	40.57 -0.83 0.00	38.43 -0.78 0.00	37.00 -0.83 0.00	38.21 -0.70 0.00	43.28 -0.84 0.00	50.69 -2.33 0.00	54.57 -2.69 0.00	58.32 -2.75 0.00	58.25 -2.55 0.00	66.90 -4.27 0.00	68.46 -5.00 0.00	65.71 -4.72 0.00	66.73 -4.64 0.00	64.47 -4.71 0.00	67.68 -5.81 0.00	64.37 -5.75 0.00	74.41 -6.03 0.00	65.69 -6.42 0.00	60.56 -6.50 0.00	57.48 -6.17 0.00	56.22 -5.76 0.00	56.00 -4.15 0.00	53.38 -2.75 0.00
ARTHUR KILL_GT_1 23520	48.02 2.67 -0.01	43.77 2.36 -0.01	41.41 2.19 0.00	39.76 1.93 0.00	40.93 2.02 0.00	46.50 2.38 0.00	56.27 3.23 -0.01	61.57 4.30 -0.01	65.84 4.77 -0.01	65.61 4.80 -0.01	77.35 6.19 0.00	79.93 6.47 0.00	76.55 6.12 0.00	77.36 6.00 0.00	75.33 6.15 0.00	80.40 6.91 -0.01	76.57 6.45 -0.01	87.70 7.24 -0.01	78.97 6.85 -0.01	73.45 6.37 -0.01	69.97 6.30 -0.01	68.12 6.14 -0.01	65.93 5.77 -0.01	61.42 5.28 -0.01
ARTHUR_KILL_2 23512	47.89 2.54 -0.01	43.64 2.23 -0.01	41.29 2.08 0.00	39.65 1.82 0.00	40.81 1.91 0.00	46.37 2.25 0.00	56.11 3.07 -0.01	61.34 4.07 -0.01	65.66 4.58 -0.01	65.43 4.62 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.19 6.69 -0.01	76.30 6.17 -0.01	87.37 6.92 -0.01	78.75 6.63 -0.01	73.17 6.10 -0.01	69.77 6.11 -0.01	67.94 5.95 -0.01	65.75 5.59 -0.01	61.25 5.11 -0.01
ARTHUR_KILL_3 23513	47.06 1.72 0.00	42.85 1.45 0.00	40.55 1.33 0.00	39.01 1.17 0.00	40.15 1.24 0.00	45.66 1.54 0.00	55.30 2.28 0.00	60.70 3.44 0.00	64.98 3.91 0.00	64.81 4.01 0.00	76.07 4.91 0.00	78.60 5.14 0.00	75.28 4.86 0.00	76.15 4.78 0.00	74.08 4.91 0.00	78.93 5.44 0.00	75.38 5.26 0.00	86.48 6.04 0.00	77.81 5.70 0.00	72.23 5.16 0.00	68.68 5.03 0.00	67.00 5.02 0.00	64.78 4.63 0.00	60.18 4.04 0.00

ARTHUR_KILL_COGEN 323718	48.02 2.67 -0.01	43.77 2.36 -0.01	41.41 2.19 0.00	39.76 1.93 0.00	40.93 2.02 0.00	46.50 2.38 0.00	56.27 3.23 -0.01	61.57 4.30 -0.01	65.84 4.77 -0.01	65.61 4.80 -0.01	77.35 6.19 0.00	79.93 6.47 0.00	76.55 6.12 0.00	77.36 6.00 0.00	75.33 6.15 0.00	80.40 6.91 -0.01	76.57 6.45 -0.01	87.70 7.24 -0.01	78.97 6.85 -0.01	73.45 6.37 -0.01	69.97 6.30 -0.01	68.12 6.14 -0.01	65.93 5.77 -0.01	61.42 5.28 -0.01
ASHOKAN____ 23654	48.56 3.22 0.00	44.26 2.85 0.00	41.92 2.70 0.00	40.26 2.42 0.00	41.40 2.49 0.00	47.21 3.09 0.00	56.84 3.82 0.00	61.85 4.58 0.00	66.44 5.38 0.00	65.85 5.04 0.00	77.07 5.90 0.00	79.20 5.73 0.00	75.71 5.28 0.00	76.86 5.50 0.00	74.85 5.67 0.00	80.03 6.54 0.00	76.36 6.24 0.00	87.84 7.40 0.00	78.60 6.49 0.00	72.83 5.77 0.00	69.51 5.85 0.00	67.43 5.46 0.00	65.56 5.42 0.00	61.36 5.22 0.00
ASTORIA_EAST_ENERGY_CC1 323581	47.24 1.90 0.00	42.98 1.57 0.00	40.62 1.41 0.00	39.01 1.17 0.00	40.15 1.24 0.00	45.57 1.45 0.00	55.09 2.07 0.00	60.29 3.03 0.01	64.54 3.48 0.01	64.44 3.65 0.01	76.06 4.91 0.01	78.60 5.14 0.01	75.27 4.86 0.01	76.14 4.78 0.01	74.08 4.91 0.01	79.00 5.51 0.01	75.30 5.19 0.01	86.23 5.80 0.01	77.73 5.63 0.01	72.22 5.16 0.01	68.80 5.15 0.01	67.31 5.33 0.00	65.20 5.05 0.00	60.74 4.60 0.00
ASTORIA_EAST_ENERGY_CC2 323582	47.24 1.90 0.00	42.98 1.57 0.00	40.62 1.41 0.00	39.01 1.17 0.00	40.15 1.24 0.00	45.57 1.45 0.00	55.09 2.07 0.00	60.29 3.03 0.01	64.54 3.48 0.01	64.44 3.65 0.01	76.06 4.91 0.01	78.60 5.14 0.01	75.34 4.93 0.01	76.14 4.78 0.01	74.08 4.91 0.01	79.00 5.51 0.01	75.30 5.19 0.01	86.23 5.80 0.01	77.73 5.63 0.01	72.22 5.16 0.01	68.80 5.15 0.01	67.31 5.33 0.00	65.20 5.05 0.00	60.74 4.60 0.00
ASTORIA_GT2_1 24094	47.24 1.90 0.00	42.93 1.53 0.00	40.55 1.33 0.00	39.12 1.29 0.00	40.23 1.32 0.00	45.62 1.50 0.00	55.15 2.12 0.00	60.30 3.04 0.00	64.61 3.54 0.00	64.51 3.71 0.00	76.15 4.98 0.00	78.60 5.14 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.08 5.59 0.00	75.38 5.26 0.00	86.24 5.79 0.00	77.74 5.62 0.00	72.30 5.23 0.00	68.87 5.22 0.00	67.43 5.45 0.00	65.26 5.11 0.00	60.57 4.43 0.00
ASTORIA_GT2_2 24095	47.24 1.90 0.00	42.93 1.53 0.00	40.55 1.33 0.00	39.12 1.29 0.00	40.23 1.32 0.00	45.62 1.50 0.00	55.15 2.12 0.00	60.30 3.04 0.00	64.61 3.54 0.00	64.51 3.71 0.00	76.15 4.98 0.00	78.60 5.14 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.08 5.59 0.00	75.38 5.26 0.00	86.24 5.79 0.00	77.74 5.62 0.00	72.30 5.23 0.00	68.87 5.22 0.00	67.43 5.45 0.00	65.26 5.11 0.00	60.57 4.43 0.00
ASTORIA_GT2_3 24096	47.24 1.90 0.00	42.93 1.53 0.00	40.55 1.33 0.00	39.12 1.29 0.00	40.23 1.32 0.00	45.62 1.50 0.00	55.15 2.12 0.00	60.30 3.04 0.00	64.61 3.54 0.00	64.51 3.71 0.00	76.15 4.98 0.00	78.60 5.14 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.08 5.59 0.00	75.38 5.26 0.00	86.24 5.79 0.00	77.74 5.62 0.00	72.30 5.23 0.00	68.87 5.22 0.00	67.43 5.45 0.00	65.26 5.11 0.00	60.57 4.43 0.00
ASTORIA_GT2_4 24097	47.24 1.90 0.00	42.93 1.53 0.00	40.55 1.33 0.00	39.12 1.29 0.00	40.23 1.32 0.00	45.62 1.50 0.00	55.15 2.12 0.00	60.30 3.04 0.00	64.61 3.54 0.00	64.51 3.71 0.00	76.15 4.98 0.00	78.60 5.14 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.08 5.59 0.00	75.38 5.26 0.00	86.24 5.79 0.00	77.74 5.62 0.00	72.30 5.23 0.00	68.87 5.22 0.00	67.43 5.45 0.00	65.26 5.11 0.00	60.57 4.43 0.00
ASTORIA_GT3_1 24098	47.24 1.90 0.00	42.93 1.53 0.00	40.55 1.33 0.00	39.12 1.29 0.00	40.23 1.32 0.00	45.62 1.50 0.00	55.15 2.12 0.00	60.30 3.04 0.00	64.61 3.54 0.00	64.51 3.71 0.00	76.15 4.98 0.00	78.60 5.14 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.08 5.59 0.00	75.38 5.26 0.00	86.24 5.79 0.00	77.74 5.62 0.00	72.30 5.23 0.00	68.87 5.22 0.00	67.43 5.45 0.00	65.26 5.11 0.00	60.57 4.43 0.00
ASTORIA_GT3_2 24099	47.24 1.90 0.00	42.93 1.53 0.00	40.55 1.33 0.00	39.12 1.29 0.00	40.23 1.32 0.00	45.62 1.50 0.00	55.15 2.12 0.00	60.30 3.04 0.00	64.61 3.54 0.00	64.51 3.71 0.00	76.15 4.98 0.00	78.60 5.14 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.08 5.59 0.00	75.38 5.26 0.00	86.24 5.79 0.00	77.74 5.62 0.00	72.30 5.23 0.00	68.87 5.22 0.00	67.43 5.45 0.00	65.26 5.11 0.00	60.57 4.43 0.00
ASTORIA_GT3_3 24100	47.24 1.90 0.00	42.93 1.53 0.00	40.55 1.33 0.00	39.12 1.29 0.00	40.23 1.32 0.00	45.62 1.50 0.00	55.15 2.12 0.00	60.30 3.04 0.00	64.61 3.54 0.00	64.51 3.71 0.00	76.15 4.98 0.00	78.60 5.14 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.08 5.59 0.00	75.38 5.26 0.00	86.24 5.79 0.00	77.74 5.62 0.00	72.30 5.23 0.00	68.87 5.22 0.00	67.43 5.45 0.00	65.26 5.11 0.00	60.57 4.43 0.00
ASTORIA_GT3_4 24101	47.24 1.90 0.00	42.93 1.53 0.00	40.55 1.33 0.00	39.12 1.29 0.00	40.23 1.32 0.00	45.62 1.50 0.00	55.15 2.12 0.00	60.30 3.04 0.00	64.61 3.54 0.00	64.51 3.71 0.00	76.15 4.98 0.00	78.60 5.14 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.08 5.59 0.00	75.38 5.26 0.00	86.24 5.79 0.00	77.74 5.62 0.00	72.30 5.23 0.00	68.87 5.22 0.00	67.43 5.45 0.00	65.26 5.11 0.00	60.57 4.43 0.00
ASTORIA_GT4_1 24102	47.24 1.90 0.00	42.93 1.53 0.00	40.55 1.33 0.00	39.12 1.29 0.00	40.23 1.32 0.00	45.62 1.50 0.00	55.15 2.12 0.00	60.30 3.04 0.00	64.61 3.54 0.00	64.51 3.71 0.00	76.15 4.98 0.00	78.60 5.14 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.08 5.59 0.00	75.38 5.26 0.00	86.24 5.79 0.00	77.74 5.62 0.00	72.30 5.23 0.00	68.87 5.22 0.00	67.43 5.45 0.00	65.26 5.11 0.00	60.57 4.43 0.00
ASTORIA_GT4_2 24103	47.24 1.90 0.00	42.93 1.53 0.00	40.55 1.33 0.00	39.12 1.29 0.00	40.23 1.32 0.00	45.62 1.50 0.00	55.15 2.12 0.00	60.30 3.04 0.00	64.61 3.54 0.00	64.51 3.71 0.00	76.15 4.98 0.00	78.60 5.14 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.08 5.59 0.00	75.38 5.26 0.00	86.24 5.79 0.00	77.74 5.62 0.00	72.30 5.23 0.00	68.87 5.22 0.00	67.43 5.45 0.00	65.26 5.11 0.00	60.57 4.43 0.00
ASTORIA_GT4_3 24104	47.24 1.90 0.00	42.93 1.53 0.00	40.55 1.33 0.00	39.12 1.29 0.00	40.23 1.32 0.00	45.62 1.50 0.00	55.15 2.12 0.00	60.30 3.04 0.00	64.61 3.54 0.00	64.51 3.71 0.00	76.15 4.98 0.00	78.60 5.14 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.08 5.59 0.00	75.38 5.26 0.00	86.24 5.79 0.00	77.74 5.62 0.00	72.30 5.23 0.00	68.87 5.22 0.00	67.43 5.45 0.00	65.26 5.11 0.00	60.57 4.43 0.00

ASTORIA_GT4_4 24105	47.24 1.90 0.00	42.93 1.53 0.00	40.55 1.33 0.00	39.12 1.29 0.00	40.23 1.32 0.00	45.62 1.50 0.00	55.15 2.12 0.00	60.30 3.04 0.00	64.61 3.54 0.00	64.51 3.71 0.00	76.15 4.98 0.00	78.60 5.14 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.08 5.59 0.00	75.38 5.26 0.00	86.24 5.79 0.00	77.74 5.62 0.00	72.30 5.23 0.00	68.87 5.22 0.00	67.43 5.45 0.00	65.26 5.11 0.00	60.57 4.43 0.00
ASTORIA_GT_1 23523	47.33 1.99 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.08 1.25 0.00	40.23 1.32 0.00	45.71 1.59 0.00	55.20 2.17 0.00	60.40 3.15 0.01	64.72 3.66 0.01	64.57 3.77 0.01	76.28 5.13 0.01	78.81 5.36 0.01	75.49 5.07 0.01	76.28 4.92 0.01	74.28 5.12 0.01	79.22 5.74 0.01	75.51 5.40 0.01	86.47 6.04 0.01	77.94 5.84 0.01	72.42 5.37 0.01	68.99 5.35 0.01	67.49 5.51 0.00	65.32 5.17 0.00	60.85 4.72 0.00
ASTORIA_GT_10 24110	47.43 2.09 0.00	43.10 1.70 0.00	40.78 1.57 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.57 2.55 0.00	60.82 3.55 0.00	65.10 4.03 0.00	65.00 4.20 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	86.88 6.44 0.00	78.24 6.13 0.00	72.70 5.63 0.00	69.32 5.67 0.00	67.62 5.64 0.00	65.38 5.23 0.00	60.68 4.55 0.00
ASTORIA_GT_11 24225	47.43 2.09 0.00	43.10 1.70 0.00	40.78 1.57 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.57 2.55 0.00	60.82 3.55 0.00	65.10 4.03 0.00	65.00 4.20 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	86.88 6.44 0.00	78.24 6.13 0.00	72.70 5.63 0.00	69.32 5.67 0.00	67.62 5.64 0.00	65.38 5.23 0.00	60.68 4.55 0.00
ASTORIA_GT_12 24226	47.43 2.09 0.00	43.10 1.70 0.00	40.78 1.57 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.57 2.55 0.00	60.82 3.55 0.00	65.10 4.03 0.00	65.00 4.20 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	86.88 6.44 0.00	78.24 6.13 0.00	72.70 5.63 0.00	69.32 5.67 0.00	67.62 5.64 0.00	65.38 5.23 0.00	60.68 4.55 0.00
ASTORIA_GT_13 24227	47.43 2.09 0.00	43.10 1.70 0.00	40.78 1.57 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.57 2.55 0.00	60.82 3.55 0.00	65.10 4.03 0.00	65.00 4.20 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	86.88 6.44 0.00	78.24 6.13 0.00	72.70 5.63 0.00	69.32 5.67 0.00	67.62 5.64 0.00	65.38 5.23 0.00	60.68 4.55 0.00
ASTORIA_GT_5 24106	47.34 1.99 0.00	42.98 1.57 0.00	40.58 1.37 0.00	39.20 1.36 0.00	40.30 1.40 0.00	45.71 1.59 0.00	55.20 2.17 0.00	60.41 3.15 0.00	64.73 3.66 0.00	64.63 3.83 0.00	76.29 5.12 0.00	78.83 5.36 0.00	75.50 5.07 0.00	76.50 5.14 0.00	74.29 5.12 0.00	79.30 5.81 0.00	75.52 5.40 0.00	86.48 6.03 0.00	77.95 5.84 0.00	72.43 5.37 0.00	69.00 5.35 0.00	67.56 5.58 0.00	65.32 5.17 0.00	60.62 4.49 0.00
ASTORIA_GT_7 24107	47.34 1.99 0.00	42.98 1.57 0.00	40.58 1.37 0.00	39.20 1.36 0.00	40.30 1.40 0.00	45.71 1.59 0.00	55.20 2.17 0.00	60.41 3.15 0.00	64.73 3.66 0.00	64.63 3.83 0.00	76.29 5.12 0.00	78.83 5.36 0.00	75.50 5.07 0.00	76.50 5.14 0.00	74.29 5.12 0.00	79.30 5.81 0.00	75.52 5.40 0.00	86.48 6.03 0.00	77.95 5.84 0.00	72.43 5.37 0.00	69.00 5.35 0.00	67.56 5.58 0.00	65.32 5.17 0.00	60.62 4.49 0.00
ASTORIA_GT_8 24108	47.34 1.99 0.00	42.98 1.57 0.00	40.58 1.37 0.00	39.20 1.36 0.00	40.30 1.40 0.00	45.71 1.59 0.00	55.20 2.17 0.00	60.41 3.15 0.00	64.73 3.66 0.00	64.63 3.83 0.00	76.29 5.12 0.00	78.83 5.36 0.00	75.50 5.07 0.00	76.50 5.14 0.00	74.29 5.12 0.00	79.30 5.81 0.00	75.52 5.40 0.00	86.48 6.03 0.00	77.95 5.84 0.00	72.43 5.37 0.00	69.00 5.35 0.00	67.56 5.58 0.00	65.32 5.17 0.00	60.62 4.49 0.00
ASTORIA___2 24149	47.24 1.90 0.00	43.02 1.61 0.00	40.66 1.45 0.00	39.01 1.17 0.00	40.19 1.28 0.00	45.62 1.50 0.00	55.15 2.12 0.00	60.29 3.03 0.01	64.60 3.54 0.01	64.44 3.65 0.01	76.14 4.98 0.01	78.60 5.14 0.01	75.34 4.93 0.01	76.14 4.78 0.01	74.15 4.98 0.01	79.00 5.51 0.01	75.37 5.26 0.01	86.23 5.80 0.01	77.73 5.63 0.01	72.29 5.23 0.01	68.87 5.22 0.01	67.37 5.39 0.00	65.26 5.11 0.00	60.74 4.60 0.00
ASTORIA___3 23516	47.43 2.09 0.00	43.18 1.78 0.00	40.86 1.65 0.00	39.27 1.44 0.00	40.42 1.52 0.00	45.93 1.81 0.00	55.57 2.55 0.00	60.82 3.55 0.00	65.10 4.03 0.00	64.94 4.14 0.00	76.64 5.48 0.00	79.20 5.73 0.00	75.85 5.42 0.00	76.65 5.28 0.00	74.64 5.46 0.00	79.52 6.03 0.00	75.87 5.75 0.00	86.88 6.44 0.00	78.24 6.13 0.00	72.70 5.63 0.00	69.26 5.60 0.00	67.56 5.58 0.00	65.32 5.17 0.00	60.79 4.66 0.00
ASTORIA___4 23517	47.43 2.09 0.00	43.10 1.70 0.00	40.74 1.53 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.93 1.81 0.00	55.57 2.55 0.00	60.82 3.55 0.00	65.10 4.03 0.00	65.00 4.20 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	86.88 6.44 0.00	78.24 6.13 0.00	72.70 5.63 0.00	69.26 5.60 0.00	67.62 5.64 0.00	65.32 5.17 0.00	60.68 4.55 0.00
ASTORIA___5 23518	47.43 2.09 0.00	43.18 1.78 0.00	40.86 1.65 0.00	39.27 1.44 0.00	40.42 1.52 0.00	45.93 1.81 0.00	55.57 2.55 0.00	60.82 3.55 0.00	65.10 4.03 0.00	64.94 4.14 0.00	76.64 5.48 0.00	79.20 5.73 0.00	75.85 5.42 0.00	76.65 5.28 0.00	74.64 5.46 0.00	79.52 6.03 0.00	75.87 5.75 0.00	86.88 6.44 0.00	78.24 6.13 0.00	72.70 5.63 0.00	69.26 5.60 0.00	67.56 5.58 0.00	65.32 5.17 0.00	60.79 4.66 0.00
AST_ENERGY_2_CC3 323677	40.35 1.86 6.85	40.35 1.57 2.63	40.35 1.45 0.31	39.11 1.29 0.01	40.26 1.36 0.01	40.35 1.68 5.45	40.35 2.44 15.12	49.96 3.61 10.92	54.58 4.03 10.52	54.36 4.19 10.63	74.65 5.13 1.64	78.81 5.36 0.02	75.55 5.14 0.02	76.34 4.99 0.02	74.28 5.12 0.02	79.21 5.74 0.02	75.42 5.47 0.17	86.43 6.28 0.29	77.79 5.84 0.16	72.42 5.37 0.02	68.86 5.22 0.02	67.11 5.14 0.01	64.96 4.81 0.00	60.40 4.26 0.00
AST_ENERGY_2_CC4 323678	40.35 1.86 6.85	40.35 1.57 2.63	40.35 1.45 0.31	39.11 1.29 0.01	40.26 1.36 0.01	40.35 1.68 5.45	40.35 2.44 15.12	49.96 3.61 10.92	54.58 4.03 10.52	54.36 4.19 10.63	74.65 5.13 1.64	78.81 5.36 0.02	75.55 5.14 0.02	76.34 4.99 0.02	74.28 5.12 0.02	79.21 5.74 0.02	75.42 5.47 0.17	86.43 6.28 0.29	77.79 5.84 0.16	72.42 5.37 0.02	68.86 5.22 0.02	67.11 5.14 0.01	64.96 4.81 0.00	60.40 4.26 0.00

ATHENS_STG_1 23668	46.52 1.18 0.00	42.44 1.04 0.00	40.19 0.98 0.00	38.74 0.91 0.00	39.88 0.97 0.00	45.27 1.15 0.00	54.51 1.48 0.00	59.32 2.06 0.00	63.39 2.32 0.00	63.17 2.37 0.00	74.15 2.99 0.00	76.69 3.23 0.00	73.45 3.03 0.00	74.36 3.00 0.00	72.15 2.97 0.00	76.80 3.31 0.00	73.06 2.94 0.00	83.90 3.46 0.00	75.36 3.25 0.00	70.15 3.09 0.00	66.65 2.99 0.00	64.89 2.91 0.00	62.86 2.71 0.00	58.60 2.47 0.00
ATHENS_STG_2 23670	46.52 1.18 0.00	42.44 1.04 0.00	40.19 0.98 0.00	38.74 0.91 0.00	39.88 0.97 0.00	45.27 1.15 0.00	54.51 1.48 0.00	59.32 2.06 0.00	63.39 2.32 0.00	63.17 2.37 0.00	74.15 2.99 0.00	76.69 3.23 0.00	73.45 3.03 0.00	74.36 3.00 0.00	72.15 2.97 0.00	76.80 3.31 0.00	73.06 2.94 0.00	83.90 3.46 0.00	75.36 3.25 0.00	70.15 3.09 0.00	66.65 2.99 0.00	64.89 2.91 0.00	62.86 2.71 0.00	58.60 2.47 0.00
ATHENS_STG_3 23677	46.52 1.18 0.00	42.44 1.04 0.00	40.19 0.98 0.00	38.74 0.91 0.00	39.88 0.97 0.00	45.27 1.15 0.00	54.51 1.48 0.00	59.32 2.06 0.00	63.39 2.32 0.00	63.17 2.37 0.00	74.15 2.99 0.00	76.69 3.23 0.00	73.45 3.03 0.00	74.36 3.00 0.00	72.15 2.97 0.00	76.80 3.31 0.00	73.06 2.94 0.00	83.90 3.46 0.00	75.36 3.25 0.00	70.15 3.09 0.00	66.65 2.99 0.00	64.89 2.91 0.00	62.86 2.71 0.00	58.60 2.47 0.00
AUBURN___LFGE 323710	44.84 -0.50 0.00	40.82 -0.58 0.00	38.66 -0.55 0.00	37.31 -0.53 0.00	38.48 -0.43 0.00	43.68 -0.44 0.00	52.55 -0.48 0.00	57.15 -0.11 0.00	60.82 -0.24 0.00	60.56 -0.24 0.00	70.60 -0.57 0.00	72.87 -0.59 0.00	69.79 -0.63 0.00	70.72 -0.64 0.00	68.62 -0.55 0.00	72.76 -0.73 0.00	69.49 -0.63 0.00	80.12 -0.32 0.00	71.61 -0.50 0.00	66.53 -0.54 0.00	63.02 -0.64 0.00	61.23 -0.74 0.00	59.49 -0.66 0.00	55.63 -0.51 0.00
BABYLON_RES_REC 323704	48.71 3.36 -0.01	44.42 3.02 0.00	41.76 2.55 0.00	40.22 2.39 0.00	41.67 2.76 0.00	47.40 3.26 -0.01	58.93 4.19 -1.71	67.94 5.50 -5.18	67.12 6.05 -0.01	66.71 5.90 -0.01	80.01 7.18 -1.66	80.90 7.42 -0.02	79.24 7.04 -1.78	83.60 7.07 -5.16	81.60 7.13 -5.30	88.64 7.87 -7.28	99.08 7.43 -21.54	101.14 8.61 -12.08	99.23 7.93 -19.19	96.55 7.38 -22.11	80.30 7.19 -9.46	79.33 7.00 -10.36	66.89 6.74 -0.01	63.63 5.84 -1.66
BABYLON__69_KV_BK2 356345	49.30 3.94 -0.01	44.67 3.27 0.00	42.15 2.94 0.00	40.75 2.91 0.00	42.25 3.35 0.00	47.97 3.84 -0.01	59.70 4.93 -1.74	69.00 6.47 -5.26	67.98 6.90 -0.01	67.56 6.75 -0.01	81.18 8.33 -1.69	82.00 8.52 -0.02	80.40 8.17 -1.81	84.89 8.28 -5.25	82.79 8.23 -5.39	89.93 9.04 -7.40	100.56 8.55 -21.89	102.70 9.98 -12.28	100.78 9.16 -19.51	97.99 8.45 -22.48	81.48 8.21 -9.61	80.56 8.06 -10.53	67.80 7.64 -0.01	64.44 6.62 -1.69
BALL_HILL_WT_PWR 323825	44.02 -1.32 0.00	40.08 -1.33 0.00	38.00 -1.22 0.00	36.62 -1.21 0.00	37.82 -1.09 0.00	42.89 -1.24 0.00	50.16 -2.86 0.00	53.94 -3.32 0.00	57.52 -3.54 0.00	57.40 -3.40 0.00	65.83 -5.34 0.00	67.37 -6.10 0.00	64.58 -5.84 0.00	65.59 -5.78 0.00	63.43 -5.74 0.00	66.73 -6.76 0.00	63.67 -6.45 0.00	73.77 -6.68 0.00	65.33 -6.78 0.00	60.36 -6.71 0.00	57.23 -6.43 0.00	55.97 -6.01 0.00	55.70 -4.45 0.00	53.16 -2.98 0.00
BARON_WINDS___WT_PWR 323822	44.84 -0.50 0.00	40.82 -0.58 0.00	38.66 -0.55 0.00	37.27 -0.57 0.00	38.52 -0.39 0.00	43.64 -0.48 0.00	51.75 -1.27 0.00	55.95 -1.31 0.00	59.36 -1.71 0.00	59.28 -1.52 0.00	68.46 -2.70 0.00	70.38 -3.08 0.00	67.40 -3.03 0.00	68.37 -2.99 0.00	66.40 -2.77 0.00	70.18 -3.31 0.00	67.11 -3.01 0.00	77.55 -2.89 0.00	68.94 -3.17 0.00	63.85 -3.22 0.00	60.41 -3.24 0.00	58.69 -3.29 0.00	57.62 -2.52 0.00	54.56 -1.57 0.00
BARRETT_IC_1 23704	48.17 2.81 -0.02	44.06 2.65 -0.01	41.49 2.27 0.00	39.95 2.12 0.00	41.32 2.41 0.00	46.96 2.83 -0.02	58.34 3.50 -1.82	67.42 4.64 -5.52	66.14 5.07 -0.01	65.92 5.11 -0.01	79.05 6.12 -1.76	79.79 6.32 -0.01	78.37 6.06 -1.89	82.86 6.00 -5.50	80.91 6.09 -5.65	87.94 6.69 -7.76	99.34 6.24 -22.99	100.49 7.16 -12.89	99.30 6.71 -20.48	96.97 6.30 -23.60	79.98 6.24 -10.09	79.10 6.08 -11.05	65.87 5.72 -0.01	62.95 5.05 -1.76
BARRETT_IC_10 23701	48.17 2.81 -0.02	44.06 2.65 -0.01	41.49 2.27 0.00	39.95 2.12 0.00	41.32 2.41 0.00	46.96 2.83 -0.02	58.34 3.50 -1.82	67.42 4.64 -5.52	66.14 5.07 -0.01	65.92 5.11 -0.01	79.05 6.12 -1.76	79.79 6.32 -0.01	78.37 6.06 -1.89	82.86 6.00 -5.50	80.91 6.09 -5.65	87.94 6.69 -7.76	99.34 6.24 -22.99	100.49 7.16 -12.89	99.30 6.71 -20.48	96.97 6.30 -23.60	79.98 6.24 -10.09	79.10 6.08 -11.05	65.87 5.72 -0.01	62.95 5.05 -1.76
BARRETT_IC_11 23702	48.17 2.81 -0.02	44.06 2.65 -0.01	41.49 2.27 0.00	39.95 2.12 0.00	41.32 2.41 0.00	46.96 2.83 -0.02	58.34 3.50 -1.82	67.42 4.64 -5.52	66.14 5.07 -0.01	65.92 5.11 -0.01	79.05 6.12 -1.76	79.79 6.32 -0.01	78.37 6.06 -1.89	82.86 6.00 -5.50	80.91 6.09 -5.65	87.94 6.69 -7.76	99.34 6.24 -22.99	100.49 7.16 -12.89	99.30 6.71 -20.48	96.97 6.30 -23.60	79.98 6.24 -10.09	79.10 6.08 -11.05	65.87 5.72 -0.01	62.95 5.05 -1.76
BARRETT_IC_12 23703	48.17 2.81 -0.02	44.06 2.65 -0.01	41.49 2.27 0.00	39.95 2.12 0.00	41.32 2.41 0.00	46.96 2.83 -0.02	58.34 3.50 -1.82	67.42 4.64 -5.52	66.14 5.07 -0.01	65.92 5.11 -0.01	79.05 6.12 -1.76	79.79 6.32 -0.01	78.37 6.06 -1.89	82.86 6.00 -5.50	80.91 6.09 -5.65	87.94 6.69 -7.76	99.34 6.24 -22.99	100.49 7.16 -12.89	99.30 6.71 -20.48	96.97 6.30 -23.60	79.98 6.24 -10.09	79.10 6.08 -11.05	65.87 5.72 -0.01	62.95 5.05 -1.76
BARRETT_IC_2 23705	48.17 2.81 -0.02	44.06 2.65 -0.01	41.49 2.27 0.00	39.95 2.12 0.00	41.32 2.41 0.00	46.96 2.83 -0.02	58.34 3.50 -1.82	67.42 4.64 -5.52	66.14 5.07 -0.01	65.92 5.11 -0.01	79.05 6.12 -1.76	79.79 6.32 -0.01	78.37 6.06 -1.89	82.86 6.00 -5.50	80.91 6.09 -5.65	87.94 6.69 -7.76	99.34 6.24 -22.99	100.49 7.16 -12.89	99.30 6.71 -20.48	96.97 6.30 -23.60	79.98 6.24 -10.09	79.10 6.08 -11.05	65.87 5.72 -0.01	62.95 5.05 -1.76
BARRETT_IC_3 23706	48.17 2.81 -0.02	44.06 2.65 -0.01	41.49 2.27 0.00	39.95 2.12 0.00	41.32 2.41 0.00	46.96 2.83 -0.02	58.34 3.50 -1.82	67.42 4.64 -5.52	66.14 5.07 -0.01	65.92 5.11 -0.01	79.05 6.12 -1.76	79.79 6.32 -0.01	78.37 6.06 -1.89	82.86 6.00 -5.50	80.91 6.09 -5.65	87.94 6.69 -7.76	99.34 6.24 -22.99	100.49 7.16 -12.89	99.30 6.71 -20.48	96.97 6.30 -23.60	79.98 6.24 -10.09	79.10 6.08 -11.05	65.87 5.72 -0.01	62.95 5.05 -1.76
BARRETT_IC_4 23707	48.17 2.81 -0.02	44.06 2.65 -0.01	41.49 2.27 0.00	39.95 2.12 0.00	41.32 2.41 0.00	46.96 2.83 -0.02	58.34 3.50 -1.82	67.42 4.64 -5.52	66.14 5.07 -0.01	65.92 5.11 -0.01	79.05 6.12 -1.76	79.79 6.32 -0.01	78.37 6.06 -1.89	82.86 6.00 -5.50	80.91 6.09 -5.65	87.94 6.69 -7.76	99.34 6.24 -22.99	100.49 7.16 -12.89	99.30 6.71 -20.48	96.97 6.30 -23.60	79.98 6.24 -10.09	79.10 6.08 -11.05	65.87 5.72 -0.01	62.95 5.05 -1.76

BARRETT_IC_5 23708	48.17 2.81 -0.02	44.06 2.65 -0.01	41.49 2.27 0.00	39.95 2.12 0.00	41.32 2.41 0.00	46.96 2.83 -0.02	58.34 3.50 -1.82	67.42 4.64 -5.52	66.14 5.07 -0.01	65.92 5.11 -0.01	79.05 6.12 -1.76	79.79 6.32 -0.01	78.37 6.06 -1.89	82.86 6.00 -5.50	80.91 6.09 -5.65	87.94 6.69 -7.76	99.34 6.24 -22.99	100.49 7.16 -12.89	99.30 6.71 -20.48	96.97 6.30 -23.60	79.98 6.24 -10.09	79.10 6.08 -11.05	65.87 5.72 -0.01	62.95 5.05 -1.76
BARRETT_IC_6 23709	48.17 2.81 -0.02	44.06 2.65 -0.01	41.49 2.27 0.00	39.95 2.12 0.00	41.32 2.41 0.00	46.96 2.83 -0.02	58.34 3.50 -1.82	67.42 4.64 -5.52	66.14 5.07 -0.01	65.92 5.11 -0.01	79.05 6.12 -1.76	79.79 6.32 -0.01	78.37 6.06 -1.89	82.86 6.00 -5.50	80.91 6.09 -5.65	87.94 6.69 -7.76	99.34 6.24 -22.99	100.49 7.16 -12.89	99.30 6.71 -20.48	96.97 6.30 -23.60	79.98 6.24 -10.09	79.10 6.08 -11.05	65.87 5.72 -0.01	62.95 5.05 -1.76
BARRETT_IC_7 23710	48.17 2.81 -0.02	43.85 2.44 -0.01	41.41 2.20 0.00	40.03 2.19 0.00	41.39 2.49 0.00	46.96 2.82 -0.02	58.34 3.50 -1.82	67.54 4.75 -5.52	66.14 5.07 -0.01	65.92 5.11 -0.01	79.05 6.12 -1.76	79.79 6.32 -0.01	78.30 5.99 -1.89	83.01 6.14 -5.50	80.91 6.09 -5.65	88.01 6.76 -7.76	99.35 6.24 -22.99	100.49 7.16 -12.89	99.30 6.71 -20.48	96.97 6.30 -23.60	79.98 6.24 -10.09	79.16 6.14 -11.05	65.87 5.71 -0.01	62.89 5.00 -1.76
BARRETT_IC_8 23711	48.17 2.81 -0.02	44.06 2.65 -0.01	41.49 2.27 0.00	39.95 2.12 0.00	41.32 2.41 0.00	46.96 2.83 -0.02	58.34 3.50 -1.82	67.42 4.64 -5.52	66.14 5.07 -0.01	65.92 5.11 -0.01	79.05 6.12 -1.76	79.79 6.32 -0.01	78.37 6.06 -1.89	82.86 6.00 -5.50	80.91 6.09 -5.65	87.94 6.69 -7.76	99.34 6.24 -22.99	100.49 7.16 -12.89	99.30 6.71 -20.48	96.97 6.30 -23.60	79.98 6.24 -10.09	79.10 6.08 -11.05	65.87 5.72 -0.01	62.95 5.05 -1.76
BARRETT_IC_9 23700	48.17 2.81 -0.02	44.06 2.65 -0.01	41.49 2.27 0.00	39.95 2.12 0.00	41.32 2.41 0.00	46.96 2.83 -0.02	58.34 3.50 -1.82	67.42 4.64 -5.52	66.14 5.07 -0.01	65.92 5.11 -0.01	79.05 6.12 -1.76	79.79 6.32 -0.01	78.37 6.06 -1.89	82.86 6.00 -5.50	80.91 6.09 -5.65	87.94 6.69 -7.76	99.34 6.24 -22.99	100.49 7.16 -12.89	99.30 6.71 -20.48	96.97 6.30 -23.60	79.98 6.24 -10.09	79.10 6.08 -11.05	65.87 5.72 -0.01	62.95 5.05 -1.76
BARRETT___1 23545	48.17 2.81 -0.02	44.06 2.65 -0.01	41.49 2.27 0.00	39.95 2.12 0.00	41.32 2.41 0.00	46.96 2.83 -0.02	58.34 3.50 -1.82	67.42 4.64 -5.52	66.14 5.07 -0.01	65.92 5.11 -0.01	79.05 6.12 -1.76	79.79 6.32 -0.01	78.37 6.06 -1.89	82.86 6.00 -5.50	80.91 6.09 -5.65	87.94 6.69 -7.76	99.34 6.24 -22.99	100.49 7.16 -12.89	99.30 6.71 -20.48	96.97 6.30 -23.60	79.98 6.24 -10.09	79.10 6.08 -11.05	65.87 5.72 -0.01	62.95 5.05 -1.76
BARRETT___2 23546	48.17 2.81 -0.02	44.06 2.65 -0.01	41.49 2.27 0.00	39.95 2.12 0.00	41.32 2.41 0.00	46.96 2.83 -0.02	58.34 3.50 -1.82	67.42 4.64 -5.52	66.14 5.07 -0.01	65.92 5.11 -0.01	79.05 6.12 -1.76	79.79 6.32 -0.01	78.37 6.06 -1.89	82.86 6.00 -5.50	80.91 6.09 -5.65	87.94 6.69 -7.76	99.34 6.24 -22.99	100.49 7.16 -12.89	99.30 6.71 -20.48	96.97 6.30 -23.60	79.98 6.24 -10.09	79.10 6.08 -11.05	65.87 5.72 -0.01	62.95 5.05 -1.76
BATAVIA__115KV_TB1 55881	44.25 -1.09 0.00	40.28 -1.12 0.00	38.15 -1.06 0.00	36.89 -0.95 0.00	38.20 -0.70 0.00	43.19 -0.93 0.00	50.90 -2.12 0.00	54.92 -2.35 0.00	58.32 -2.75 0.00	57.70 -3.10 0.00	66.40 -4.77 0.00	68.32 -5.14 0.00	65.42 -5.00 0.00	66.51 -4.85 0.00	64.33 -4.84 0.00	67.68 -5.81 0.00	64.86 -5.26 0.00	74.89 -5.55 0.00	66.41 -5.70 0.00	61.50 -5.57 0.00	58.24 -5.41 0.00	56.77 -5.21 0.00	56.24 -3.91 0.00	53.61 -2.53 0.00
BAYONEEC___CTG1 323682	47.29 1.95 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.20 1.36 0.00	40.34 1.44 0.00	45.93 1.81 0.00	55.57 2.55 0.00	60.98 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.43 5.27 0.00	78.97 5.51 0.00	75.64 5.21 0.00	76.51 5.14 0.00	74.43 5.25 0.00	79.29 5.80 0.00	75.20 5.54 0.46	86.21 6.35 0.59	77.57 5.98 0.53	72.49 5.43 0.00	69.00 5.35 0.00	67.24 5.27 0.00	65.02 4.87 0.00	60.46 4.32 0.00
BAYONEEC___CTG10 323750	47.29 1.95 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.20 1.36 0.00	40.34 1.44 0.00	45.93 1.81 0.00	55.57 2.55 0.00	60.98 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.43 5.27 0.00	78.97 5.51 0.00	75.64 5.21 0.00	76.51 5.14 0.00	74.43 5.25 0.00	79.29 5.80 0.00	75.20 5.54 0.46	86.21 6.35 0.59	77.57 5.98 0.53	72.49 5.43 0.00	69.00 5.35 0.00	67.24 5.27 0.00	65.02 4.87 0.00	60.46 4.32 0.00
BAYONEEC___CTG2 323683	47.29 1.95 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.20 1.36 0.00	40.34 1.44 0.00	45.93 1.81 0.00	55.57 2.55 0.00	60.98 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.43 5.27 0.00	78.97 5.51 0.00	75.64 5.21 0.00	76.51 5.14 0.00	74.43 5.25 0.00	79.29 5.80 0.00	75.20 5.54 0.46	86.21 6.35 0.59	77.57 5.98 0.53	72.49 5.43 0.00	69.00 5.35 0.00	67.24 5.27 0.00	65.02 4.87 0.00	60.46 4.32 0.00
BAYONEEC___CTG3 323684	47.29 1.95 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.20 1.36 0.00	40.34 1.44 0.00	45.93 1.81 0.00	55.57 2.55 0.00	60.98 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.43 5.27 0.00	78.97 5.51 0.00	75.64 5.21 0.00	76.51 5.14 0.00	74.43 5.25 0.00	79.29 5.80 0.00	75.20 5.54 0.46	86.21 6.35 0.59	77.57 5.98 0.53	72.49 5.43 0.00	69.00 5.35 0.00	67.24 5.27 0.00	65.02 4.87 0.00	60.46 4.32 0.00
BAYONEEC___CTG4 323685	47.29 1.95 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.20 1.36 0.00	40.34 1.44 0.00	45.93 1.81 0.00	55.57 2.55 0.00	60.98 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.43 5.27 0.00	78.97 5.51 0.00	75.64 5.21 0.00	76.51 5.14 0.00	74.43 5.25 0.00	79.29 5.80 0.00	75.20 5.54 0.46	86.21 6.35 0.59	77.57 5.98 0.53	72.49 5.43 0.00	69.00 5.35 0.00	67.24 5.27 0.00	65.02 4.87 0.00	60.46 4.32 0.00
BAYONEEC___CTG5 323686	47.29 1.95 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.20 1.36 0.00	40.34 1.44 0.00	45.93 1.81 0.00	55.57 2.55 0.00	60.98 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.43 5.27 0.00	78.97 5.51 0.00	75.64 5.21 0.00	76.51 5.14 0.00	74.43 5.25 0.00	79.29 5.80 0.00	75.20 5.54 0.46	86.21 6.35 0.59	77.57 5.98 0.53	72.49 5.43 0.00	69.00 5.35 0.00	67.24 5.27 0.00	65.02 4.87 0.00	60.46 4.32 0.00
BAYONEEC___CTG6 323687	47.29 1.95 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.20 1.36 0.00	40.34 1.44 0.00	45.93 1.81 0.00	55.57 2.55 0.00	60.98 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.43 5.27 0.00	78.97 5.51 0.00	75.64 5.21 0.00	76.51 5.14 0.00	74.43 5.25 0.00	79.29 5.80 0.00	75.20 5.54 0.46	86.21 6.35 0.59	77.57 5.98 0.53	72.49 5.43 0.00	69.00 5.35 0.00	67.24 5.27 0.00	65.02 4.87 0.00	60.46 4.32 0.00

BAYONEEC___CTG7 323688	47.29 1.95 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.20 1.36 0.00	40.34 1.44 0.00	45.93 1.81 0.00	55.57 2.55 0.00	60.98 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.43 5.27 0.00	78.97 5.51 0.00	75.64 5.21 0.00	76.51 5.14 0.00	74.43 5.25 0.00	79.29 5.80 0.00	75.20 5.54 0.46	86.21 6.35 0.59	77.57 5.98 0.53	72.49 5.43 0.00	69.00 5.35 0.00	67.24 5.27 0.00	65.02 4.87 0.00	60.46 4.32 0.00
BAYONEEC___CTG8 323689	47.29 1.95 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.20 1.36 0.00	40.34 1.44 0.00	45.93 1.81 0.00	55.57 2.55 0.00	60.98 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.43 5.27 0.00	78.97 5.51 0.00	75.64 5.21 0.00	76.51 5.14 0.00	74.43 5.25 0.00	79.29 5.80 0.00	75.20 5.54 0.46	86.21 6.35 0.59	77.57 5.98 0.53	72.49 5.43 0.00	69.00 5.35 0.00	67.24 5.27 0.00	65.02 4.87 0.00	60.46 4.32 0.00
BAYONEEC___CTG9 323749	47.29 1.95 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.20 1.36 0.00	40.34 1.44 0.00	45.93 1.81 0.00	55.57 2.55 0.00	60.98 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.43 5.27 0.00	78.97 5.51 0.00	75.64 5.21 0.00	76.51 5.14 0.00	74.43 5.25 0.00	79.29 5.80 0.00	75.20 5.54 0.46	86.21 6.35 0.59	77.57 5.98 0.53	72.49 5.43 0.00	69.00 5.35 0.00	67.24 5.27 0.00	65.02 4.87 0.00	60.46 4.32 0.00
BEACON___LESR 323632	46.61 1.27 0.00	42.56 1.16 0.00	40.31 1.10 0.00	38.93 1.10 0.00	39.96 1.05 0.00	45.35 1.23 0.00	54.72 1.70 0.00	59.38 2.12 0.00	63.45 2.38 0.00	63.36 2.55 0.00	74.65 3.49 0.00	77.28 3.82 0.00	73.94 3.52 0.00	74.86 3.50 0.00	72.42 3.25 0.00	77.16 3.67 0.00	73.20 3.08 0.00	84.07 3.62 0.00	75.50 3.39 0.00	70.28 3.22 0.00	66.58 2.93 0.00	64.95 2.97 0.00	62.98 2.83 0.00	58.72 2.58 0.00
BEAVER RIVER___HYD 24048	45.89 0.55 0.00	41.77 0.37 0.00	39.60 0.39 0.00	39.39 1.55 0.00	40.50 1.60 0.00	44.82 0.70 0.00	54.46 1.43 0.00	59.38 2.12 0.00	63.20 2.14 0.00	62.69 1.89 0.00	72.80 1.64 0.00	74.93 1.47 0.00	71.48 1.06 0.00	72.44 1.07 0.00	70.56 1.38 0.00	74.30 0.81 0.00	71.17 1.05 0.00	81.33 0.89 0.00	72.62 0.51 0.00	67.47 0.40 0.00	63.85 0.19 0.00	62.16 0.19 0.00	60.27 0.12 0.00	55.63 -0.51 0.00
BEEBEE_GT_13 23619	43.80 -1.54 0.00	39.91 -1.49 0.00	37.80 -1.41 0.00	36.51 -1.32 0.00	37.74 -1.17 0.00	42.75 -1.37 0.00	50.74 -2.28 0.00	55.09 -2.18 0.00	58.56 -2.50 0.00	58.13 -2.68 0.00	67.25 -3.91 0.00	69.42 -4.04 0.00	66.48 -3.94 0.00	67.44 -3.87 0.00	65.30 -3.87 0.00	68.93 -4.56 0.00	65.91 -4.21 0.00	76.18 -4.26 0.00	67.78 -4.33 0.00	62.91 -4.16 0.00	59.58 -4.07 0.00	58.01 -3.97 0.00	56.96 -3.19 0.00	53.72 -2.41 0.00
BENSHRST_27_KV_BENSHRST_1 355998	47.93 2.58 -0.01	43.60 2.19 -0.01	41.21 2.00 0.00	39.77 1.93 0.00	40.89 1.98 0.00	46.41 2.29 0.00	56.21 3.18 -0.01	61.57 4.29 -0.01	65.90 4.82 -0.01	65.80 4.99 -0.01	77.50 6.33 0.00	80.00 6.54 0.00	76.69 6.27 0.00	77.64 6.28 0.00	75.47 6.29 0.00	80.55 7.06 -0.01	76.72 6.59 -0.01	87.93 7.48 -0.01	79.19 7.07 -0.01	73.58 6.51 -0.01	70.03 6.37 -0.01	68.37 6.38 -0.01	66.05 5.89 -0.01	61.31 5.16 -0.01
BETHLEHEM___GRP 23843	45.79 0.45 0.00	41.73 0.33 0.00	39.57 0.35 0.00	38.37 0.53 0.00	39.29 0.39 0.00	44.52 0.40 0.00	53.66 0.64 0.00	58.30 1.03 0.00	62.17 1.10 0.00	62.08 1.28 0.00	73.51 2.35 0.00	75.96 2.50 0.00	72.75 2.32 0.00	73.72 2.36 0.00	71.39 2.21 0.00	76.06 2.57 0.00	72.15 2.03 0.00	82.86 2.41 0.00	74.35 2.24 0.00	69.28 2.21 0.00	65.69 2.04 0.00	64.09 2.11 0.00	62.13 1.98 0.00	57.99 1.85 0.00
BETHLEHEM___GS1 323560	45.79 0.45 0.00	41.77 0.37 0.00	39.60 0.39 0.00	38.29 0.46 0.00	39.25 0.35 0.00	44.52 0.40 0.00	53.66 0.64 0.00	58.30 1.03 0.00	62.17 1.10 0.00	62.08 1.28 0.00	73.44 2.28 0.00	75.96 2.50 0.00	72.75 2.32 0.00	73.72 2.35 0.00	71.39 2.21 0.00	75.99 2.50 0.00	72.15 2.03 0.00	82.86 2.41 0.00	74.35 2.24 0.00	69.27 2.21 0.00	65.69 2.04 0.00	64.02 2.04 0.00	62.13 1.98 0.00	57.98 1.85 0.00
BETHLEHEM___GS2 323561	45.79 0.45 0.00	41.77 0.37 0.00	39.60 0.39 0.00	38.29 0.46 0.00	39.25 0.35 0.00	44.52 0.40 0.00	53.66 0.64 0.00	58.30 1.03 0.00	62.17 1.10 0.00	62.08 1.28 0.00	73.44 2.28 0.00	75.96 2.50 0.00	72.75 2.32 0.00	73.72 2.35 0.00	71.39 2.21 0.00	75.99 2.50 0.00	72.15 2.03 0.00	82.86 2.41 0.00	74.35 2.24 0.00	69.27 2.21 0.00	65.69 2.04 0.00	64.02 2.04 0.00	62.13 1.98 0.00	57.98 1.85 0.00
BETHLEHEM___GS3 323562	45.79 0.45 0.00	41.77 0.37 0.00	39.60 0.39 0.00	38.29 0.46 0.00	39.25 0.35 0.00	44.52 0.40 0.00	53.66 0.64 0.00	58.30 1.03 0.00	62.17 1.10 0.00	62.08 1.28 0.00	73.44 2.28 0.00	75.96 2.50 0.00	72.75 2.32 0.00	73.72 2.35 0.00	71.39 2.21 0.00	75.99 2.50 0.00	72.15 2.03 0.00	82.86 2.41 0.00	74.35 2.24 0.00	69.27 2.21 0.00	65.69 2.04 0.00	64.02 2.04 0.00	62.13 1.98 0.00	57.98 1.85 0.00
BETHLEHEM___STEEL 23779	43.84 -1.50 0.00	39.83 -1.57 0.00	37.80 -1.41 0.00	36.55 -1.29 0.00	37.81 -1.09 0.00	42.71 -1.41 0.00	50.00 -3.02 0.00	53.77 -3.49 0.00	57.22 -3.85 0.00	56.67 -4.13 0.00	65.33 -5.84 0.00	67.00 -6.46 0.00	64.30 -6.13 0.00	65.23 -6.14 0.00	63.15 -6.02 0.00	66.36 -7.13 0.00	63.39 -6.73 0.00	73.53 -6.92 0.00	65.12 -6.99 0.00	60.16 -6.91 0.00	57.10 -6.56 0.00	55.84 -6.14 0.00	55.52 -4.63 0.00	53.10 -3.03 0.00
BETHLHEM_115KV_TB1 79974	45.88 0.54 0.00	41.86 0.46 0.00	39.64 0.43 0.00	38.40 0.57 0.00	39.37 0.47 0.00	44.61 0.49 0.00	53.77 0.74 0.00	58.41 1.15 0.00	62.35 1.28 0.00	62.20 1.40 0.00	73.58 2.42 0.00	76.03 2.57 0.00	72.82 2.39 0.00	73.79 2.43 0.00	71.46 2.28 0.00	76.06 2.57 0.00	72.22 2.10 0.00	82.86 2.41 0.00	74.42 2.31 0.00	69.34 2.28 0.00	65.75 2.10 0.00	64.15 2.17 0.00	62.19 2.05 0.00	57.99 1.85 0.00
BETHPAGE_CC_5 323564	48.39 3.04 -0.01	44.18 2.77 0.00	41.56 2.35 0.00	40.03 2.19 0.00	41.43 2.53 0.00	47.13 3.00 -0.01	58.35 3.66 -1.67	67.11 4.81 -5.03	66.45 5.38 -0.01	66.10 5.29 -0.01	79.19 6.41 -1.61	80.16 6.68 -0.02	78.49 6.34 -1.73	82.67 6.28 -5.02	80.69 6.36 -5.15	87.55 6.99 -7.08	97.64 6.59 -20.93	99.75 7.56 -11.74	97.84 7.07 -18.65	95.13 6.58 -21.49	79.27 6.43 -9.19	78.37 6.32 -10.07	66.17 6.01 -0.01	62.97 5.22 -1.61
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	44.03 -1.31 0.00	39.99 -1.41 0.00	37.96 -1.25 0.00	36.70 -1.14 0.00	38.01 -0.89 0.00	42.93 -1.19 0.00	50.27 -2.76 0.00	54.00 -3.26 0.00	57.53 -3.54 0.00	56.91 -3.89 0.00	65.68 -5.48 0.00	67.37 -6.10 0.00	64.58 -5.85 0.00	65.58 -5.78 0.00	63.43 -5.74 0.00	66.73 -6.76 0.00	63.74 -6.38 0.00	73.93 -6.52 0.00	65.55 -6.56 0.00	60.49 -6.57 0.00	57.42 -6.24 0.00	56.09 -5.89 0.00	55.76 -4.39 0.00	53.38 -2.75 0.00

BINGHAMTON___COGEN 23790	45.43 0.09 0.00	41.36 -0.04 0.00	39.17 -0.04 0.00	37.80 -0.04 0.00	38.98 0.08 0.00	44.21 0.09 0.00	52.97 -0.05 0.00	57.55 0.29 0.00	61.19 0.12 0.00	60.92 0.12 0.00	71.09 -0.07 0.00	73.32 -0.15 0.00	70.14 -0.28 0.00	71.01 -0.36 0.00	68.97 -0.21 0.00	73.12 -0.37 0.00	69.77 -0.35 0.00	80.44 0.00 0.00	71.89 -0.22 0.00	66.80 -0.27 0.00	63.34 -0.32 0.00	61.67 -0.31 0.00	59.97 -0.18 0.00	56.30 0.17 0.00
BIXINCNT_115KV_LOAD 355685	44.84 -0.50 0.00	40.66 -0.75 0.00	38.62 -0.59 0.00	37.27 -0.57 0.00	38.63 -0.27 0.00	43.59 -0.53 0.00	51.17 -1.86 0.00	55.03 -2.23 0.00	58.56 -2.50 0.00	58.01 -2.80 0.00	67.04 -4.13 0.00	68.69 -4.78 0.00	65.78 -4.65 0.00	66.87 -4.50 0.00	64.61 -4.57 0.00	68.13 -5.36 0.00	65.28 -4.84 0.00	75.54 -4.91 0.00	66.85 -5.26 0.00	61.63 -5.43 0.00	58.31 -5.35 0.00	56.96 -5.02 0.00	56.66 -3.49 0.00	54.23 -1.91 0.00
BLACK RIVER___HYD 24047	45.70 0.36 0.00	41.61 0.21 0.00	39.41 0.20 0.00	38.78 0.95 0.00	39.88 0.97 0.00	44.61 0.49 0.00	54.30 1.27 0.00	59.50 2.23 0.00	63.26 2.20 0.00	62.75 1.95 0.00	72.87 1.71 0.00	74.93 1.47 0.00	71.48 1.06 0.00	72.36 1.00 0.00	70.63 1.45 0.00	74.59 1.10 0.00	71.59 1.47 0.00	81.89 1.45 0.00	72.98 0.87 0.00	67.80 0.74 0.00	64.10 0.45 0.00	62.41 0.44 0.00	60.39 0.24 0.00	55.85 -0.28 0.00
BLACKRVR_115KV_TB2 79977	45.70 0.36 0.00	42.56 1.16 0.00	40.35 1.14 0.00	37.91 0.08 0.00	38.98 0.08 0.00	44.61 0.49 0.00	54.30 1.27 0.00	59.56 2.29 0.00	63.27 2.20 0.00	62.69 1.88 0.00	72.87 1.71 0.00	74.93 1.47 0.00	71.48 1.06 0.00	72.29 0.93 0.00	70.63 1.45 0.00	74.59 1.10 0.00	71.52 1.40 0.00	81.89 1.45 0.00	72.98 0.87 0.00	67.80 0.74 0.00	64.04 0.38 0.00	62.29 0.31 0.00	60.39 0.24 0.00	55.85 -0.28 0.00
BLISS_WT_PWR 323608	44.89 -0.45 0.00	40.78 -0.62 0.00	38.70 -0.51 0.00	37.27 -0.57 0.00	38.52 -0.39 0.00	43.59 -0.53 0.00	51.17 -1.86 0.00	55.03 -2.23 0.00	58.56 -2.51 0.00	58.43 -2.37 0.00	67.18 -3.98 0.00	68.69 -4.77 0.00	65.85 -4.58 0.00	66.87 -4.49 0.00	64.68 -4.50 0.00	68.20 -5.29 0.00	65.35 -4.77 0.00	75.53 -4.91 0.00	66.85 -5.26 0.00	61.57 -5.50 0.00	58.24 -5.41 0.00	56.90 -5.08 0.00	56.66 -3.49 0.00	54.12 -2.02 0.00
BLUESTONE___WT_PWR 323821	48.24 2.90 0.00	43.89 2.48 0.00	41.56 2.35 0.00	39.95 2.12 0.00	41.08 2.18 0.00	46.81 2.69 0.00	56.52 3.50 0.00	62.82 5.55 0.00	66.75 5.68 0.00	66.46 5.66 0.00	77.35 6.19 0.00	79.63 6.17 0.00	75.99 5.56 0.00	76.93 5.57 0.00	75.19 6.02 0.00	79.96 6.47 0.00	76.71 6.59 0.00	86.80 6.35 0.00	77.45 5.34 0.00	71.96 4.89 0.00	68.04 4.39 0.00	66.25 4.27 0.00	64.18 4.03 0.00	59.95 3.82 0.00
BLUE_CIRC_CHEM_DRP 24182	46.43 1.09 0.00	42.35 0.95 0.00	40.11 0.90 0.00	38.78 0.95 0.00	39.80 0.89 0.00	45.14 1.01 0.00	54.35 1.33 0.00	58.87 1.60 0.00	62.84 1.77 0.00	62.63 1.82 0.00	73.66 2.49 0.00	76.18 2.72 0.00	72.96 2.54 0.00	73.93 2.57 0.00	71.59 2.42 0.00	76.28 2.79 0.00	72.36 2.24 0.00	83.10 2.65 0.00	74.56 2.45 0.00	69.48 2.41 0.00	65.88 2.23 0.00	64.27 2.29 0.00	62.31 2.17 0.00	58.15 2.02 0.00
BOC_GAS_DRP 24189	46.11 0.77 0.00	42.06 0.66 0.00	39.84 0.63 0.00	38.52 0.68 0.00	39.57 0.66 0.00	44.87 0.75 0.00	54.03 1.01 0.00	58.64 1.37 0.00	62.59 1.53 0.00	62.38 1.58 0.00	73.44 2.28 0.00	75.89 2.42 0.00	72.68 2.25 0.00	73.65 2.28 0.00	71.39 2.21 0.00	75.99 2.50 0.00	72.22 2.10 0.00	82.94 2.49 0.00	74.42 2.31 0.00	69.28 2.21 0.00	65.75 2.10 0.00	64.09 2.11 0.00	62.13 1.98 0.00	57.99 1.85 0.00
BOONVILLE_115KV_TB1 79983	46.38 1.04 0.00	42.77 1.37 0.00	40.55 1.33 0.00	38.59 0.76 0.00	39.68 0.78 0.00	45.22 1.10 0.00	54.72 1.70 0.00	59.61 2.35 0.00	63.51 2.44 0.00	63.11 2.31 0.00	73.44 2.28 0.00	75.89 2.42 0.00	72.47 2.04 0.00	73.43 2.07 0.00	71.46 2.28 0.00	75.62 2.13 0.00	72.36 2.24 0.00	82.94 2.49 0.00	74.06 1.95 0.00	68.88 1.81 0.00	65.18 1.53 0.00	63.47 1.49 0.00	61.53 1.38 0.00	57.09 0.95 0.00
BORALEX_4TH_BRANCH 23824	47.88 2.54 0.00	43.64 2.24 0.00	41.29 2.08 0.00	39.88 2.04 0.00	41.04 2.14 0.00	46.59 2.47 0.00	56.15 3.13 0.00	61.04 3.78 0.00	65.22 4.15 0.00	64.94 4.13 0.00	76.22 5.05 0.00	78.83 5.36 0.00	75.42 5.00 0.00	76.36 5.00 0.00	74.01 4.84 0.00	78.78 5.29 0.00	74.96 4.84 0.00	86.16 5.71 0.00	77.37 5.26 0.00	72.03 4.96 0.00	68.36 4.71 0.00	66.63 4.65 0.00	64.54 4.39 0.00	60.18 4.04 0.00
BOWLINE___1 23526	46.66 1.32 0.00	42.56 1.16 0.00	40.35 1.14 0.00	38.86 1.02 0.00	40.03 1.13 0.00	45.40 1.28 0.00	54.77 1.75 0.00	59.96 2.69 0.00	64.12 3.05 0.00	63.90 3.10 0.00	75.08 3.91 0.00	77.65 4.19 0.00	74.37 3.94 0.00	75.22 3.85 0.00	73.18 4.01 0.00	77.90 4.41 0.00	74.25 4.14 0.00	85.27 4.83 0.00	76.66 4.55 0.00	71.22 4.16 0.00	67.73 4.08 0.00	66.00 4.03 0.00	63.82 3.67 0.00	59.45 3.31 0.00
BOWLINE___2 23595	46.66 1.32 0.00	42.56 1.16 0.00	40.39 1.18 0.00	38.89 1.06 0.00	40.03 1.13 0.00	45.40 1.28 0.00	54.77 1.75 0.00	59.96 2.69 0.00	64.12 3.05 0.00	63.90 3.10 0.00	75.08 3.91 0.00	77.65 4.19 0.00	74.37 3.94 0.00	75.22 3.85 0.00	73.18 4.01 0.00	77.90 4.41 0.00	74.25 4.14 0.00	85.27 4.83 0.00	76.66 4.55 0.00	71.22 4.16 0.00	67.73 4.08 0.00	66.00 4.03 0.00	63.82 3.67 0.00	59.45 3.31 0.00
BRADY___115KV_TB2 356060	48.60 3.26 0.00	48.32 6.91 0.00	45.84 6.63 0.00	40.30 2.46 0.00	41.32 2.41 0.00	47.69 3.57 0.00	58.27 5.25 0.00	63.16 5.90 0.00	66.93 5.86 0.00	65.85 5.05 0.00	76.43 5.27 0.00	78.38 4.92 0.00	75.00 4.58 0.00	75.93 4.57 0.00	74.22 5.05 0.00	76.94 3.45 0.00	74.26 4.14 0.00	83.90 3.46 0.00	72.76 0.65 0.00	67.67 0.60 0.00	64.29 0.64 0.00	62.47 0.50 0.00	60.75 0.60 0.00	56.58 0.45 0.00
BRANSCOMB___SOLAR 323811	47.47 2.13 0.00	43.39 1.99 0.00	41.02 1.80 0.00	39.50 1.66 0.00	40.61 1.71 0.00	46.02 1.90 0.00	55.62 2.60 0.00	60.24 2.98 0.00	64.42 3.36 0.00	64.27 3.46 0.00	75.15 3.98 0.00	77.87 4.41 0.00	74.44 4.01 0.00	75.43 4.07 0.00	72.91 3.73 0.00	77.75 4.26 0.00	73.55 3.43 0.00	84.54 4.10 0.00	75.64 3.53 0.00	70.35 3.29 0.00	66.71 3.06 0.00	65.08 3.10 0.00	63.15 3.01 0.00	58.88 2.75 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	49.16 3.81 -0.01	44.51 3.11 0.00	42.04 2.82 0.00	40.67 2.84 0.00	42.13 3.23 0.00	47.88 3.75 -0.01	59.62 4.83 -1.77	68.97 6.36 -5.35	67.79 6.72 -0.01	67.32 6.51 -0.01	80.99 8.11 -1.71	81.85 8.37 -0.02	80.22 7.96 -1.84	84.76 8.06 -5.33	82.67 8.02 -5.48	89.83 8.82 -7.52	100.71 8.34 -22.25	102.66 9.73 -12.48	100.88 8.94 -19.83	98.16 8.25 -22.84	81.44 8.02 -9.77	80.55 7.87 -10.70	67.68 7.52 -0.01	64.36 6.51 -1.71

BRISTLHL_115KV_TB1 79998	43.93 -1.41 0.00	40.04 -1.37 0.00	37.92 -1.29 0.00	36.55 -1.29 0.00	37.66 -1.24 0.00	42.75 -1.37 0.00	51.38 -1.64 0.00	55.89 -1.37 0.00	59.48 -1.59 0.00	59.28 -1.52 0.00	69.17 -1.99 0.00	71.48 -1.98 0.00	68.45 -1.97 0.00	69.37 -2.00 0.00	67.24 -1.94 0.00	71.36 -2.13 0.00	68.08 -2.03 0.00	78.27 -2.17 0.00	70.02 -2.09 0.00	65.05 -2.01 0.00	61.68 -1.97 0.00	60.06 -1.92 0.00	58.40 -1.74 0.00	54.56 -1.57 0.00
BROOKHAVEN___DRP 24191	49.20 3.85 -0.01	44.51 3.11 0.00	42.00 2.78 0.00	40.60 2.76 0.00	42.13 3.23 0.00	47.88 3.75 -0.01	59.68 4.88 -1.78	69.01 6.36 -5.38	67.73 6.66 -0.01	67.20 6.38 -0.01	80.72 7.83 -1.73	81.27 7.79 -0.02	79.95 7.68 -1.85	84.58 7.85 -5.37	82.50 7.82 -5.51	89.66 8.60 -7.57	100.72 8.20 -22.40	102.58 9.57 -12.56	100.79 8.73 -19.96	98.10 8.05 -22.99	81.32 7.83 -9.83	80.43 7.69 -10.77	67.50 7.34 -0.01	64.31 6.46 -1.72
BROOKLYN_NAVY_YARD 23515	47.24 1.90 0.00	43.02 1.61 0.00	40.70 1.49 0.00	39.12 1.29 0.00	40.30 1.40 0.00	45.89 1.77 0.00	55.57 2.55 0.00	60.98 3.72 0.00	65.22 4.15 0.00	65.12 4.32 0.00	76.50 5.34 0.00	79.04 5.58 0.00	75.71 5.28 0.00	76.51 5.14 0.00	74.50 5.33 0.00	79.37 5.88 0.00	75.73 5.61 0.00	86.96 6.51 0.00	78.17 6.06 0.00	72.63 5.56 0.00	69.06 5.41 0.00	67.31 5.33 0.00	65.02 4.87 0.00	60.40 4.26 0.00
BROOKLYN___ARMY_DRP 323595	47.80 2.45 -0.01	43.44 2.03 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.77 1.87 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.28 4.01 -0.01	65.66 4.58 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.71 6.24 0.00	76.34 5.92 0.00	77.36 5.99 0.00	75.12 5.95 0.00	80.19 6.69 -0.01	76.37 6.24 -0.01	87.53 7.08 -0.01	78.82 6.71 -0.01	73.24 6.17 -0.01	69.77 6.11 -0.01	68.06 6.07 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
BROOKVLE_69_KV_TB1 55790	48.21 2.86 -0.02	43.80 2.40 0.00	41.37 2.16 0.00	39.99 2.16 0.00	41.32 2.41 0.00	46.92 2.78 -0.02	57.91 3.55 -1.33	65.92 4.64 -4.02	66.21 5.13 -0.01	65.98 5.17 -0.01	78.72 6.26 -1.29	80.02 6.54 -0.02	78.01 6.20 -1.38	81.65 6.28 -4.01	79.51 6.23 -4.12	86.05 6.91 -5.65	93.20 6.38 -16.70	97.22 7.40 -9.37	93.84 6.85 -14.88	90.58 6.37 -17.15	77.23 6.24 -7.34	76.09 6.07 -8.03	65.88 5.71 -0.01	62.53 5.11 -1.29
BROOME_2_LFGE 323671	45.43 0.09 0.00	41.36 -0.04 0.00	39.21 0.00 0.00	37.76 -0.08 0.00	38.94 0.04 0.00	44.21 0.09 0.00	52.97 -0.05 0.00	57.55 0.29 0.00	61.19 0.12 0.00	61.05 0.24 0.00	71.09 -0.07 0.00	73.32 -0.15 0.00	70.14 -0.28 0.00	71.01 -0.36 0.00	68.97 -0.21 0.00	73.12 -0.37 0.00	69.84 -0.28 0.00	80.44 0.00 0.00	71.89 -0.22 0.00	66.80 -0.27 0.00	63.34 -0.32 0.00	61.61 -0.37 0.00	59.97 -0.18 0.00	56.30 0.17 0.00
BROOME___LFGE 323600	45.43 0.09 0.00	41.36 -0.04 0.00	39.21 0.00 0.00	37.76 -0.08 0.00	38.94 0.04 0.00	44.21 0.09 0.00	52.97 -0.05 0.00	57.55 0.29 0.00	61.19 0.12 0.00	61.05 0.24 0.00	71.09 -0.07 0.00	73.32 -0.15 0.00	70.14 -0.28 0.00	71.01 -0.36 0.00	68.97 -0.21 0.00	73.12 -0.37 0.00	69.84 -0.28 0.00	80.44 0.00 0.00	71.89 -0.22 0.00	66.80 -0.27 0.00	63.34 -0.32 0.00	61.61 -0.37 0.00	59.97 -0.18 0.00	56.30 0.17 0.00
BROWNFLS_115KV_TB_3_5 80003	45.98 0.63 0.00	44.59 3.19 0.00	42.27 3.06 0.00	38.18 0.34 0.00	39.18 0.27 0.00	44.96 0.84 0.00	54.72 1.70 0.00	59.38 2.12 0.00	63.14 2.08 0.00	62.50 1.70 0.00	72.59 1.42 0.00	74.64 1.18 0.00	71.41 0.99 0.00	72.29 0.93 0.00	70.42 1.25 0.00	73.56 0.07 0.00	70.54 0.42 0.00	80.20 -0.24 0.00	71.53 -0.58 0.00	66.53 -0.54 0.00	63.08 -0.57 0.00	61.30 -0.68 0.00	59.67 -0.48 0.00	55.29 -0.84 0.00
BROWNSV1_27_KV_LOAD 356125	47.70 2.36 0.00	43.35 1.95 0.00	40.98 1.76 0.00	39.58 1.74 0.00	40.73 1.83 0.00	46.28 2.16 0.00	56.05 3.02 0.00	61.50 4.24 0.00	65.83 4.76 0.00	65.73 4.92 0.00	77.14 5.98 0.00	79.71 6.24 0.00	76.34 5.92 0.00	77.36 5.99 0.00	75.12 5.95 0.00	80.10 6.61 0.00	76.36 6.24 0.00	87.68 7.24 0.00	78.82 6.71 0.00	73.23 6.17 0.00	69.64 5.98 0.00	67.93 5.95 0.00	65.56 5.41 0.00	60.91 4.77 0.00
BURROWS___LYONSDAL 23803	46.29 0.95 0.00	42.89 1.49 0.00	40.62 1.41 0.00	38.48 0.64 0.00	39.60 0.70 0.00	45.18 1.06 0.00	54.72 1.70 0.00	59.61 2.35 0.00	63.45 2.38 0.00	63.05 2.25 0.00	73.30 2.13 0.00	75.67 2.20 0.00	72.33 1.90 0.00	73.22 1.86 0.00	71.25 2.08 0.00	75.40 1.91 0.00	72.15 2.03 0.00	82.62 2.17 0.00	73.84 1.73 0.00	68.61 1.54 0.00	64.93 1.27 0.00	63.22 1.24 0.00	61.29 1.14 0.00	56.75 0.62 0.00
CAITHNESS_CC_1 323624	49.02 3.67 -0.01	44.67 3.27 0.00	42.00 2.78 0.00	40.44 2.61 0.00	41.94 3.04 0.00	47.75 3.62 -0.01	59.47 4.67 -1.78	68.66 6.01 -5.39	67.49 6.41 -0.01	66.95 6.14 -0.01	80.51 7.62 -1.73	81.12 7.64 -0.02	79.53 7.26 -1.85	84.23 7.49 -5.37	82.29 7.61 -5.51	89.36 8.30 -7.57	100.44 7.92 -22.40	102.26 9.25 -12.56	100.50 8.43 -19.96	97.84 7.78 -23.00	81.12 7.64 -9.84	80.18 7.43 -10.77	67.31 7.15 -0.01	64.14 6.29 -1.72
CALPINE BETH_PAGE_GT4 24209	48.44 3.08 -0.01	43.97 2.57 0.00	41.53 2.31 0.00	40.14 2.31 0.00	41.51 2.61 0.00	47.13 3.00 -0.01	58.24 3.61 -1.61	67.01 4.87 -4.88	66.39 5.31 -0.01	66.16 5.35 -0.01	79.13 6.40 -1.56	80.09 6.61 -0.02	78.37 6.27 -1.67	82.58 6.35 -4.86	80.46 6.29 -4.99	87.40 7.06 -6.85	96.91 6.52 -20.27	99.38 7.56 -11.37	97.17 6.99 -18.06	94.45 6.57 -20.81	78.99 6.43 -8.90	78.05 6.32 -9.75	66.17 6.01 -0.01	62.86 5.16 -1.56
CALPINE_BETH_PAGE_GT_4 323586	48.44 3.08 -0.01	44.18 2.77 0.00	41.60 2.39 0.00	40.07 2.23 0.00	41.47 2.57 0.00	47.13 3.00 -0.01	58.25 3.61 -1.61	66.89 4.75 -4.88	66.39 5.31 -0.01	66.10 5.29 -0.01	79.06 6.33 -1.56	80.09 6.61 -0.02	78.36 6.27 -1.67	82.43 6.21 -4.86	80.46 6.29 -4.99	87.33 6.99 -6.85	96.91 6.52 -20.27	99.38 7.56 -11.37	97.17 6.99 -18.06	94.45 6.58 -20.81	78.98 6.43 -8.90	77.98 6.26 -9.75	66.17 6.01 -0.01	62.92 5.22 -1.56
CALPINE_BP_GT1 23823	48.44 3.08 -0.01	44.18 2.77 0.00	41.60 2.39 0.00	40.07 2.23 0.00	41.47 2.57 0.00	47.13 3.00 -0.01	58.25 3.61 -1.61	66.89 4.75 -4.88	66.39 5.31 -0.01	66.10 5.29 -0.01	79.06 6.33 -1.56	80.09 6.61 -0.02	78.36 6.27 -1.67	82.43 6.21 -4.86	80.46 6.29 -4.99	87.33 6.99 -6.85	96.91 6.52 -20.27	99.38 7.56 -11.37	97.17 6.99 -18.06	94.45 6.58 -20.81	78.98 6.43 -8.90	77.98 6.26 -9.75	66.17 6.01 -0.01	62.92 5.22 -1.56
CALSPAN___DRP 24200	43.84 -1.50 0.00	39.83 -1.57 0.00	37.80 -1.41 0.00	36.55 -1.29 0.00	37.81 -1.09 0.00	42.71 -1.41 0.00	50.00 -3.02 0.00	53.77 -3.49 0.00	57.22 -3.85 0.00	56.67 -4.13 0.00	65.33 -5.84 0.00	67.00 -6.46 0.00	64.30 -6.13 0.00	65.23 -6.14 0.00	63.15 -6.02 0.00	66.36 -7.13 0.00	63.39 -6.73 0.00	73.53 -6.92 0.00	65.12 -6.99 0.00	60.16 -6.91 0.00	57.10 -6.56 0.00	55.84 -6.14 0.00	55.52 -4.63 0.00	53.10 -3.03 0.00

CALVERTON___SOLAR 323806	49.38 4.03 -0.01	44.92 3.52 0.00	42.23 3.02 0.00	40.67 2.84 0.00	42.17 3.27 0.00	48.05 3.93 -0.01	59.90 5.09 -1.78	69.06 6.41 -5.38	67.97 6.90 -0.01	67.38 6.57 -0.01	80.93 8.04 -1.73	81.49 8.01 -0.02	79.88 7.61 -1.85	84.65 7.92 -5.37	82.70 8.02 -5.51	89.87 8.81 -7.57	100.99 8.48 -22.39	102.90 9.89 -12.56	101.08 9.01 -19.95	98.30 8.25 -22.99	81.51 8.02 -9.83	80.62 7.87 -10.77	67.68 7.52 -0.01	64.53 6.68 -1.72
CANDIGU_WT_PWR 323617	44.84 -0.50 0.00	40.82 -0.58 0.00	38.66 -0.55 0.00	37.27 -0.57 0.00	38.52 -0.39 0.00	43.64 -0.48 0.00	51.75 -1.27 0.00	55.95 -1.31 0.00	59.36 -1.71 0.00	59.28 -1.52 0.00	68.46 -2.70 0.00	70.38 -3.08 0.00	67.40 -3.03 0.00	68.37 -2.99 0.00	66.40 -2.77 0.00	70.18 -3.31 0.00	67.11 -3.01 0.00	77.55 -2.89 0.00	68.94 -3.17 0.00	63.85 -3.22 0.00	60.41 -3.24 0.00	58.69 -3.29 0.00	57.62 -2.52 0.00	54.56 -1.57 0.00
CARR STREET_E_SYR 24060	44.48 -0.86 0.00	40.53 -0.87 0.00	38.39 -0.83 0.00	37.00 -0.83 0.00	38.13 -0.78 0.00	43.28 -0.84 0.00	51.91 -1.12 0.00	56.41 -0.86 0.00	60.09 -0.98 0.00	59.95 -0.85 0.00	69.89 -1.28 0.00	72.14 -1.32 0.00	69.08 -1.34 0.00	69.94 -1.43 0.00	67.86 -1.32 0.00	72.02 -1.47 0.00	68.72 -1.40 0.00	79.00 -1.45 0.00	70.67 -1.44 0.00	65.65 -1.41 0.00	62.25 -1.40 0.00	60.55 -1.42 0.00	58.88 -1.27 0.00	55.01 -1.12 0.00
CARTHAGE___PAPER 23857	45.75 0.41 0.00	41.65 0.25 0.00	39.45 0.24 0.00	39.08 1.25 0.00	40.19 1.28 0.00	44.69 0.57 0.00	54.35 1.33 0.00	59.44 2.18 0.00	63.20 2.14 0.00	62.69 1.89 0.00	72.80 1.64 0.00	74.93 1.47 0.00	71.48 1.06 0.00	72.36 1.00 0.00	70.56 1.38 0.00	74.38 0.89 0.00	71.31 1.19 0.00	81.57 1.13 0.00	72.76 0.65 0.00	67.60 0.53 0.00	63.91 0.26 0.00	62.23 0.25 0.00	60.27 0.12 0.00	55.68 -0.45 0.00
CASSADAGA_WT_PWR 323784	45.16 -0.18 0.00	40.99 -0.41 0.00	38.82 -0.39 0.00	37.38 -0.45 0.00	38.59 -0.31 0.00	43.72 -0.40 0.00	51.28 -1.75 0.00	55.26 -2.01 0.00	58.99 -2.08 0.00	58.98 -1.82 0.00	67.82 -3.34 0.00	69.28 -4.18 0.00	66.55 -3.87 0.00	67.58 -3.78 0.00	65.23 -3.94 0.00	68.49 -5.00 0.00	65.21 -4.91 0.00	75.29 -5.15 0.00	66.49 -5.62 0.00	61.16 -5.90 0.00	58.05 -5.60 0.00	56.71 -5.27 0.00	56.42 -3.73 0.00	53.78 -2.36 0.00
CE_DUNWOOD___DRP 24194	47.20 1.86 0.00	42.93 1.53 0.00	40.62 1.41 0.00	39.27 1.44 0.00	40.42 1.52 0.00	45.89 1.76 0.00	55.46 2.44 0.00	60.70 3.44 0.00	64.98 3.91 0.00	64.75 3.95 0.00	76.15 4.98 0.00	78.68 5.22 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.00 5.51 0.00	75.31 5.19 0.00	86.40 5.95 0.00	77.74 5.62 0.00	72.23 5.16 0.00	68.68 5.03 0.00	66.87 4.90 0.00	64.60 4.45 0.00	60.06 3.93 0.00
CE_MILLWOOD___DRP 24193	47.06 1.72 0.00	42.81 1.41 0.00	40.55 1.33 0.00	39.20 1.36 0.00	40.34 1.44 0.00	45.75 1.63 0.00	55.30 2.28 0.00	60.53 3.26 0.00	64.73 3.66 0.00	64.57 3.77 0.00	75.86 4.70 0.00	78.46 5.00 0.00	75.07 4.65 0.00	76.07 4.71 0.00	73.88 4.70 0.00	78.71 5.22 0.00	75.03 4.91 0.00	86.08 5.63 0.00	77.37 5.26 0.00	71.96 4.90 0.00	68.43 4.77 0.00	66.69 4.71 0.00	64.42 4.27 0.00	59.95 3.82 0.00
CE_NYC2_DRP 24202	47.47 2.13 0.00	43.14 1.74 0.00	40.78 1.57 0.00	39.39 1.55 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.87 3.61 0.00	65.22 4.15 0.00	65.06 4.26 0.00	76.72 5.55 0.00	79.27 5.80 0.00	75.92 5.49 0.00	76.86 5.50 0.00	74.71 5.53 0.00	79.66 6.17 0.00	75.94 5.82 0.00	86.96 6.52 0.00	78.31 6.20 0.00	72.77 5.70 0.00	69.32 5.67 0.00	67.62 5.64 0.00	65.32 5.17 0.00	60.68 4.55 0.00
CE_NYC_DRP 24195	46.80 1.99 0.53	42.85 1.66 0.20	40.68 1.49 0.02	39.31 1.48 0.00	40.46 1.56 0.00	45.55 1.85 0.42	54.50 2.65 1.18	60.20 3.78 0.85	64.52 4.27 0.82	64.41 4.44 0.83	76.52 5.48 0.13	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.86 5.75 0.01	87.02 6.60 0.02	78.23 6.13 0.01	72.70 5.63 0.00	69.13 5.47 0.00	67.43 5.45 0.00	65.08 4.93 0.00	60.46 4.32 0.00
CHAFFEE___LFGE 323603	43.93 -1.41 0.00	39.99 -1.41 0.00	37.92 -1.29 0.00	36.59 -1.25 0.00	37.77 -1.13 0.00	42.80 -1.32 0.00	50.16 -2.86 0.00	53.89 -3.38 0.00	57.40 -3.66 0.00	57.27 -3.53 0.00	65.69 -5.48 0.00	67.22 -6.24 0.00	64.44 -5.99 0.00	65.37 -5.99 0.00	63.29 -5.88 0.00	66.66 -6.83 0.00	63.67 -6.45 0.00	73.77 -6.68 0.00	65.41 -6.70 0.00	60.42 -6.64 0.00	57.35 -6.30 0.00	56.03 -5.95 0.00	55.70 -4.45 0.00	53.16 -2.98 0.00
CHATEAUG_35_KV_LOAD 355732	46.70 1.36 0.00	43.14 1.74 0.00	40.90 1.69 0.00	38.97 1.14 0.00	39.95 1.05 0.00	45.49 1.37 0.00	54.72 1.70 0.00	57.78 0.52 0.00	61.56 0.49 0.00	61.17 0.36 0.00	71.59 0.43 0.00	73.61 0.15 0.00	71.06 0.63 0.00	71.79 0.43 0.00	69.66 0.48 0.00	73.49 0.00 0.00	70.89 0.77 0.00	80.20 -0.24 0.00	72.40 0.29 0.00	67.40 0.34 0.00	64.16 0.51 0.00	62.29 0.31 0.00	60.45 0.30 0.00	56.41 0.28 0.00
CHATEAUG_WT_PWR 323614	46.52 1.18 0.00	42.52 1.12 0.00	40.23 1.02 0.00	39.08 1.25 0.00	40.07 1.17 0.00	45.27 1.15 0.00	54.46 1.43 0.00	57.61 0.35 0.00	61.37 0.31 0.00	60.92 0.12 0.00	71.45 0.29 0.00	73.32 -0.15 0.00	70.92 0.50 0.00	72.01 0.64 0.00	69.52 0.35 0.00	73.34 -0.15 0.00	70.75 0.63 0.00	79.96 -0.48 0.00	72.04 -0.07 0.00	67.27 0.20 0.00	63.97 0.32 0.00	62.10 0.12 0.00	60.33 0.18 0.00	56.30 0.17 0.00
CHAT_HIGH_FALL_HYD 323578	46.70 1.36 0.00	43.14 1.74 0.00	40.90 1.69 0.00	38.97 1.14 0.00	39.95 1.05 0.00	45.49 1.37 0.00	54.72 1.70 0.00	57.78 0.52 0.00	61.56 0.49 0.00	61.17 0.36 0.00	71.59 0.43 0.00	73.61 0.15 0.00	71.06 0.63 0.00	71.79 0.43 0.00	69.66 0.48 0.00	73.49 0.00 0.00	70.89 0.77 0.00	80.20 -0.24 0.00	72.40 0.29 0.00	67.40 0.34 0.00	64.16 0.51 0.00	62.29 0.31 0.00	60.45 0.30 0.00	56.41 0.28 0.00
CHAUTAUQUA___LFGE 323629	44.43 -0.91 0.00	40.41 -0.99 0.00	38.31 -0.90 0.00	36.89 -0.94 0.00	38.09 -0.82 0.00	43.19 -0.93 0.00	50.53 -2.49 0.00	54.35 -2.92 0.00	58.02 -3.05 0.00	57.95 -2.86 0.00	66.47 -4.70 0.00	67.95 -5.51 0.00	65.21 -5.21 0.00	66.23 -5.14 0.00	64.05 -5.12 0.00	67.32 -6.17 0.00	64.09 -6.03 0.00	74.17 -6.27 0.00	65.62 -6.49 0.00	60.69 -6.37 0.00	57.61 -6.05 0.00	56.40 -5.58 0.00	56.12 -4.03 0.00	53.50 -2.64 0.00
CHERRYST_13_KV_LD 356241	46.94 2.13 0.53	42.94 1.74 0.20	40.80 1.61 0.02	39.42 1.59 0.00	40.58 1.67 0.00	45.68 1.99 0.42	54.66 2.81 1.18	60.37 3.95 0.85	64.77 4.52 0.82	64.66 4.68 0.83	76.73 5.69 0.13	79.41 5.95 0.00	76.13 5.70 0.00	77.07 5.71 0.00	74.84 5.67 0.00	79.81 6.32 0.00	76.07 5.96 0.01	87.26 6.84 0.02	78.44 6.35 0.01	72.90 5.83 0.00	69.32 5.67 0.00	67.56 5.58 0.00	65.26 5.11 0.00	60.62 4.49 0.00

CHESTROR_138KV_BK263 355645	46.70 1.36 0.00	42.52 1.12 0.00	40.27 1.06 0.00	38.93 1.10 0.00	40.07 1.17 0.00	45.40 1.28 0.00	54.77 1.75 0.00	59.90 2.63 0.00	64.06 2.99 0.00	63.84 3.04 0.00	74.94 3.77 0.00	77.43 3.97 0.00	74.16 3.73 0.00	75.15 3.78 0.00	72.98 3.80 0.00	77.75 4.26 0.00	74.11 4.00 0.00	85.03 4.59 0.00	76.44 4.33 0.00	71.02 3.96 0.00	67.54 3.88 0.00	65.82 3.84 0.00	63.64 3.49 0.00	59.28 3.14 0.00
CH_MIDHUDSON___DRP 24192	47.47 2.13 0.00	43.18 1.78 0.00	40.86 1.65 0.00	39.50 1.66 0.00	40.65 1.75 0.00	46.15 2.03 0.00	55.68 2.65 0.00	60.87 3.61 0.00	65.16 4.09 0.00	64.94 4.13 0.00	76.29 5.12 0.00	78.75 5.29 0.00	75.42 5.00 0.00	76.43 5.07 0.00	74.22 5.05 0.00	79.15 5.66 0.00	75.38 5.26 0.00	86.56 6.11 0.00	77.74 5.62 0.00	72.30 5.23 0.00	68.81 5.16 0.00	66.94 4.96 0.00	64.78 4.63 0.00	60.29 4.15 0.00
CH_MISC_IPPS 23765	47.61 2.27 0.00	43.39 1.99 0.00	41.09 1.88 0.00	39.54 1.70 0.00	40.73 1.83 0.00	46.28 2.16 0.00	55.83 2.81 0.00	61.10 3.84 0.00	65.47 4.40 0.00	65.18 4.38 0.00	76.57 5.41 0.00	79.04 5.58 0.00	75.64 5.21 0.00	76.57 5.21 0.00	74.50 5.33 0.00	79.37 5.88 0.00	75.66 5.54 0.00	86.88 6.44 0.00	78.02 5.91 0.00	72.49 5.43 0.00	69.00 5.35 0.00	67.06 5.08 0.00	64.96 4.81 0.00	60.52 4.38 0.00
CH_RES_BVR_FALLS 23983	45.52 0.18 0.00	41.61 0.21 0.00	39.41 0.20 0.00	38.06 0.23 0.00	39.10 0.20 0.00	44.30 0.18 0.00	53.18 0.16 0.00	56.98 -0.28 0.00	60.76 -0.30 0.00	60.44 -0.36 0.00	70.74 -0.42 0.00	73.02 -0.44 0.00	70.14 -0.28 0.00	71.15 -0.21 0.00	68.83 -0.34 0.00	73.05 -0.44 0.00	69.91 -0.21 0.00	79.89 -0.56 0.00	71.68 -0.43 0.00	66.66 -0.40 0.00	63.34 -0.32 0.00	61.61 -0.37 0.00	59.79 -0.36 0.00	55.68 -0.45 0.00
CH_RES_NIAGARA 23895	42.12 -3.22 0.00	38.46 -2.94 0.00	36.51 -2.71 0.00	35.26 -2.57 0.00	36.53 -2.37 0.00	41.25 -2.87 0.00	47.93 -5.09 0.00	51.42 -5.84 0.00	54.84 -6.23 0.00	54.17 -6.63 0.00	62.34 -8.82 0.00	63.99 -9.48 0.00	61.34 -9.08 0.00	62.30 -9.06 0.00	60.32 -8.85 0.00	63.28 -10.22 0.00	60.37 -9.75 0.00	70.15 -10.30 0.00	62.16 -9.95 0.00	57.47 -9.59 0.00	54.62 -9.04 0.00	53.49 -8.49 0.00	53.35 -6.80 0.00	51.08 -5.05 0.00
CH_RES_SYRACUSE 23985	44.57 -0.77 0.00	40.66 -0.74 0.00	38.47 -0.75 0.00	37.08 -0.76 0.00	38.21 -0.70 0.00	43.37 -0.75 0.00	52.17 -0.85 0.00	56.69 -0.57 0.00	60.34 -0.73 0.00	60.25 -0.55 0.00	70.24 -0.93 0.00	72.51 -0.96 0.00	69.44 -0.99 0.00	70.30 -1.07 0.00	68.20 -0.97 0.00	72.39 -1.10 0.00	69.07 -1.05 0.00	79.48 -0.96 0.00	71.10 -1.01 0.00	66.06 -1.00 0.00	62.63 -1.02 0.00	60.92 -1.05 0.00	59.18 -0.96 0.00	55.29 -0.84 0.00
CLINTON_WT_PWR 323605	46.52 1.18 0.00	42.52 1.12 0.00	40.23 1.02 0.00	39.08 1.25 0.00	40.07 1.17 0.00	45.27 1.15 0.00	54.46 1.43 0.00	57.61 0.35 0.00	61.37 0.31 0.00	60.92 0.12 0.00	71.45 0.29 0.00	73.32 -0.15 0.00	70.92 0.50 0.00	72.01 0.64 0.00	69.52 0.35 0.00	73.34 -0.15 0.00	70.75 0.63 0.00	79.96 -0.48 0.00	72.04 -0.07 0.00	67.27 0.20 0.00	63.97 0.32 0.00	62.10 0.12 0.00	60.33 0.18 0.00	56.30 0.17 0.00
CLINTON___LFGE 323618	47.16 1.82 0.00	43.14 1.74 0.00	40.82 1.61 0.00	39.61 1.78 0.00	40.61 1.71 0.00	46.02 1.90 0.00	55.36 2.33 0.00	58.58 1.32 0.00	62.41 1.34 0.00	61.95 1.15 0.00	72.59 1.42 0.00	74.35 0.88 0.00	72.05 1.62 0.00	73.29 1.93 0.00	70.69 1.52 0.00	74.30 0.81 0.00	72.01 1.89 0.00	80.93 0.49 0.00	73.19 1.08 0.00	68.48 1.41 0.00	65.18 1.53 0.00	63.15 1.17 0.00	61.35 1.20 0.00	57.26 1.12 0.00
COBBLENY_34_KV_TB1 80064	43.93 -1.41 0.00	39.91 -1.49 0.00	37.88 -1.33 0.00	36.59 -1.25 0.00	37.89 -1.01 0.00	42.80 -1.32 0.00	50.16 -2.86 0.00	53.94 -3.32 0.00	57.40 -3.66 0.00	56.79 -4.01 0.00	65.54 -5.62 0.00	67.14 -6.32 0.00	64.44 -5.99 0.00	65.37 -5.99 0.00	63.29 -5.88 0.00	66.58 -6.91 0.00	63.60 -6.52 0.00	73.77 -6.68 0.00	65.40 -6.71 0.00	60.43 -6.64 0.00	57.35 -6.30 0.00	56.03 -5.95 0.00	55.70 -4.45 0.00	53.27 -2.86 0.00
COFFEEN___115KV_TB3 355620	45.93 0.59 0.00	42.73 1.32 0.00	40.47 1.25 0.00	38.06 0.23 0.00	39.14 0.23 0.00	44.83 0.71 0.00	54.62 1.59 0.00	59.90 2.63 0.00	63.69 2.63 0.00	63.05 2.25 0.00	73.30 2.13 0.00	75.30 1.84 0.00	71.76 1.34 0.00	72.65 1.28 0.00	70.97 1.80 0.00	75.03 1.54 0.00	72.08 1.96 0.00	82.54 2.09 0.00	73.48 1.37 0.00	68.27 1.21 0.00	64.48 0.83 0.00	62.72 0.74 0.00	60.75 0.60 0.00	56.19 0.06 0.00
COLDSPRG_115KV_BK1 355956	45.66 0.32 0.00	41.36 -0.04 0.00	39.21 0.00 0.00	37.87 0.04 0.00	39.29 0.39 0.00	44.34 0.22 0.00	52.07 -0.95 0.00	56.18 -1.09 0.00	59.78 -1.28 0.00	59.22 -1.58 0.00	68.60 -2.56 0.00	70.16 -3.31 0.00	67.33 -3.10 0.00	68.37 -3.00 0.00	66.06 -3.11 0.00	69.45 -4.04 0.00	66.40 -3.72 0.00	76.82 -3.62 0.00	68.07 -4.04 0.00	62.77 -4.29 0.00	59.45 -4.20 0.00	58.07 -3.90 0.00	57.56 -2.59 0.00	55.01 -1.12 0.00
COLONIE_LFGE___ 323577	47.11 1.77 0.00	43.02 1.61 0.00	40.70 1.49 0.00	39.24 1.40 0.00	40.34 1.44 0.00	45.80 1.68 0.00	55.25 2.23 0.00	59.96 2.69 0.00	64.06 2.99 0.00	63.84 3.04 0.00	74.93 3.77 0.00	77.57 4.11 0.00	74.15 3.73 0.00	75.14 3.78 0.00	72.77 3.59 0.00	77.46 3.97 0.00	73.55 3.43 0.00	84.54 4.10 0.00	75.79 3.68 0.00	70.55 3.49 0.00	66.90 3.24 0.00	65.26 3.28 0.00	63.21 3.07 0.00	59.00 2.86 0.00
COOPERNY_115KV_TB1 80082	46.29 0.95 0.00	42.19 0.79 0.00	39.96 0.75 0.00	38.59 0.76 0.00	39.72 0.82 0.00	45.05 0.93 0.00	54.30 1.27 0.00	59.44 2.18 0.00	63.51 2.44 0.00	63.23 2.43 0.00	74.22 3.06 0.00	76.62 3.16 0.00	73.38 2.96 0.00	74.36 3.00 0.00	72.22 3.04 0.00	76.87 3.38 0.00	73.34 3.23 0.00	83.82 3.38 0.00	75.21 3.10 0.00	69.95 2.88 0.00	66.45 2.80 0.00	64.70 2.73 0.00	62.68 2.53 0.00	58.38 2.25 0.00
COPENHAGEN_WT_PWR 323753	45.52 0.18 0.00	41.40 0.00 0.00	39.25 0.04 0.00	38.55 0.72 0.00	39.64 0.74 0.00	44.43 0.31 0.00	53.98 0.96 0.00	59.15 1.89 0.00	62.90 1.83 0.00	62.38 1.58 0.00	72.51 1.35 0.00	74.57 1.10 0.00	71.13 0.70 0.00	72.01 0.64 0.00	70.28 1.10 0.00	74.23 0.73 0.00	71.17 1.05 0.00	81.49 1.04 0.00	72.68 0.57 0.00	67.54 0.47 0.00	63.78 0.13 0.00	62.16 0.19 0.00	60.15 0.00 0.00	55.68 -0.45 0.00
CORNELL_____ 23752	46.07 0.73 0.00	41.90 0.50 0.00	39.68 0.47 0.00	38.25 0.42 0.00	39.45 0.54 0.00	44.78 0.66 0.00	53.93 0.90 0.00	58.35 1.09 0.00	62.04 0.98 0.00	61.77 0.97 0.00	72.02 0.85 0.00	74.27 0.81 0.00	71.13 0.70 0.00	72.08 0.71 0.00	70.00 0.83 0.00	74.37 0.88 0.00	71.03 0.91 0.00	82.46 2.01 0.00	73.70 1.59 0.00	68.41 1.34 0.00	64.80 1.15 0.00	62.97 0.99 0.00	61.17 1.02 0.00	57.20 1.07 0.00

CORONA__69_KV_TB1 355595	48.35 2.99 -0.02	43.97 2.57 0.00	41.53 2.31 0.00	40.14 2.31 0.00	41.47 2.57 0.00	47.10 2.96 -0.02	58.36 3.71 -1.62	67.20 5.04 -4.89	66.58 5.50 -0.02	66.35 5.53 -0.02	79.35 6.62 -1.57	80.39 6.91 -0.02	78.58 6.48 -1.68	82.88 6.64 -4.88	80.75 6.57 -5.01	87.57 7.20 -6.88	97.20 6.73 -20.35	99.66 7.80 -11.42	97.46 7.21 -18.14	94.73 6.77 -20.90	79.21 6.62 -8.94	78.27 6.51 -9.79	66.30 6.14 -0.02	62.98 5.28 -1.57
CORTLAND__115KV_TB3 80093	45.66 0.32 0.00	41.57 0.17 0.00	39.37 0.16 0.00	37.95 0.11 0.00	39.14 0.23 0.00	44.43 0.31 0.00	53.45 0.42 0.00	58.07 0.80 0.00	61.80 0.73 0.00	61.53 0.73 0.00	71.73 0.57 0.00	74.05 0.59 0.00	70.85 0.42 0.00	71.86 0.50 0.00	69.80 0.62 0.00	74.08 0.59 0.00	70.75 0.63 0.00	81.49 1.05 0.00	72.90 0.79 0.00	67.67 0.60 0.00	64.16 0.51 0.00	62.41 0.43 0.00	60.63 0.48 0.00	56.70 0.56 0.00
COXSACKIE__GT 23611	48.38 3.04 0.00	44.13 2.73 0.00	41.80 2.59 0.00	40.22 2.39 0.00	41.32 2.41 0.00	47.08 2.96 0.00	56.74 3.71 0.00	61.27 4.01 0.00	65.65 4.58 0.00	65.06 4.25 0.00	76.22 5.05 0.00	78.46 5.00 0.00	75.00 4.57 0.00	76.22 4.86 0.00	74.01 4.84 0.00	79.23 5.74 0.00	75.38 5.26 0.00	86.72 6.28 0.00	77.52 5.41 0.00	71.90 4.83 0.00	68.43 4.78 0.00	66.50 4.52 0.00	64.66 4.51 0.00	60.57 4.43 0.00
CPV_VALLEY__CC1 323721	46.34 1.00 0.00	42.31 0.91 0.00	40.07 0.86 0.00	38.59 0.76 0.00	39.72 0.82 0.00	45.09 0.97 0.00	54.35 1.33 0.00	59.44 2.18 0.00	63.51 2.45 0.00	63.30 2.49 0.00	74.29 3.13 0.00	76.77 3.31 0.00	73.52 3.10 0.00	74.43 3.07 0.00	72.36 3.18 0.00	77.02 3.53 0.00	73.48 3.37 0.00	84.31 3.86 0.00	75.71 3.60 0.00	70.42 3.35 0.00	66.90 3.24 0.00	65.14 3.16 0.00	63.10 2.95 0.00	58.77 2.64 0.00
CPV_VALLEY__CC2 323722	46.34 1.00 0.00	42.31 0.91 0.00	40.07 0.86 0.00	38.59 0.76 0.00	39.72 0.82 0.00	45.09 0.97 0.00	54.35 1.33 0.00	59.44 2.18 0.00	63.51 2.45 0.00	63.30 2.49 0.00	74.29 3.13 0.00	76.77 3.31 0.00	73.52 3.10 0.00	74.43 3.07 0.00	72.36 3.18 0.00	77.02 3.53 0.00	73.48 3.37 0.00	84.31 3.86 0.00	75.71 3.60 0.00	70.42 3.35 0.00	66.90 3.24 0.00	65.14 3.16 0.00	63.10 2.95 0.00	58.77 2.64 0.00
CRESCENT__HYD 24018	47.11 1.77 0.00	43.02 1.61 0.00	40.70 1.49 0.00	39.24 1.40 0.00	40.34 1.44 0.00	45.80 1.68 0.00	55.25 2.23 0.00	59.96 2.69 0.00	64.06 2.99 0.00	63.84 3.04 0.00	74.93 3.77 0.00	77.57 4.11 0.00	74.15 3.73 0.00	75.14 3.78 0.00	72.77 3.59 0.00	77.46 3.97 0.00	73.55 3.43 0.00	84.54 4.10 0.00	75.79 3.68 0.00	70.55 3.49 0.00	66.90 3.24 0.00	65.26 3.28 0.00	63.21 3.07 0.00	59.00 2.86 0.00
CRICKET__VALLEY_CC1 323756	47.02 1.68 0.00	42.89 1.49 0.00	40.62 1.41 0.00	39.12 1.29 0.00	40.27 1.36 0.00	45.71 1.59 0.00	55.04 2.01 0.00	60.13 2.86 0.00	64.30 3.23 0.00	64.08 3.28 0.00	75.43 4.27 0.00	78.09 4.63 0.00	74.79 4.37 0.00	75.65 4.28 0.00	73.53 4.36 0.00	78.34 4.85 0.00	74.61 4.49 0.00	85.67 5.23 0.00	77.08 4.97 0.00	71.76 4.69 0.00	68.17 4.52 0.00	66.44 4.46 0.00	64.30 4.15 0.00	59.90 3.76 0.00
CRICKET__VALLEY_CC2 323757	47.02 1.68 0.00	42.89 1.49 0.00	40.62 1.41 0.00	39.12 1.29 0.00	40.27 1.36 0.00	45.71 1.59 0.00	55.04 2.01 0.00	60.13 2.86 0.00	64.30 3.23 0.00	64.08 3.28 0.00	75.43 4.27 0.00	78.09 4.63 0.00	74.79 4.37 0.00	75.65 4.28 0.00	73.53 4.36 0.00	78.34 4.85 0.00	74.61 4.49 0.00	85.67 5.23 0.00	77.08 4.97 0.00	71.76 4.69 0.00	68.17 4.52 0.00	66.44 4.46 0.00	64.30 4.15 0.00	59.90 3.76 0.00
CRICKET__VALLEY_CC3 323758	47.02 1.68 0.00	42.89 1.49 0.00	40.62 1.41 0.00	39.12 1.29 0.00	40.27 1.36 0.00	45.71 1.59 0.00	55.04 2.01 0.00	60.13 2.86 0.00	64.30 3.23 0.00	64.08 3.28 0.00	75.43 4.27 0.00	78.09 4.63 0.00	74.79 4.37 0.00	75.65 4.28 0.00	73.53 4.36 0.00	78.34 4.85 0.00	74.61 4.49 0.00	85.67 5.23 0.00	77.08 4.97 0.00	71.76 4.69 0.00	68.17 4.52 0.00	66.44 4.46 0.00	64.30 4.15 0.00	59.90 3.76 0.00
CRUCIBLE__METL_DRP 24180	44.57 -0.77 0.00	40.62 -0.79 0.00	38.47 -0.75 0.00	37.08 -0.76 0.00	38.20 -0.70 0.00	43.37 -0.75 0.00	52.18 -0.85 0.00	56.69 -0.57 0.00	60.33 -0.73 0.00	60.13 -0.67 0.00	70.24 -0.93 0.00	72.51 -0.96 0.00	69.44 -0.99 0.00	70.37 -1.00 0.00	68.20 -0.97 0.00	72.39 -1.10 0.00	69.07 -1.05 0.00	79.48 -0.97 0.00	71.10 -1.01 0.00	66.06 -1.01 0.00	62.64 -1.02 0.00	60.92 -1.05 0.00	59.19 -0.96 0.00	55.29 -0.84 0.00
DAHOWA__HYDRO 323763	47.52 2.18 0.00	43.43 2.03 0.00	41.09 1.88 0.00	39.54 1.70 0.00	40.66 1.75 0.00	46.02 1.90 0.00	55.68 2.65 0.00	60.30 3.03 0.00	64.48 3.42 0.00	64.33 3.53 0.00	75.22 4.05 0.00	78.02 4.56 0.00	74.44 4.01 0.00	75.43 4.07 0.00	72.84 3.66 0.00	77.83 4.33 0.00	73.48 3.37 0.00	84.47 4.02 0.00	75.57 3.46 0.00	70.22 3.15 0.00	66.58 2.93 0.00	65.01 3.04 0.00	63.10 2.95 0.00	58.83 2.69 0.00
DANC__LFGE 323619	44.80 -0.54 0.00	40.82 -0.58 0.00	38.66 -0.55 0.00	37.72 -0.11 0.00	38.79 -0.12 0.00	43.68 -0.44 0.00	52.92 -0.11 0.00	57.84 0.57 0.00	61.44 0.37 0.00	61.05 0.24 0.00	71.02 -0.14 0.00	73.17 -0.29 0.00	69.86 -0.57 0.00	70.79 -0.57 0.00	68.90 -0.28 0.00	72.90 -0.59 0.00	69.84 -0.28 0.00	80.04 -0.40 0.00	71.46 -0.65 0.00	66.39 -0.67 0.00	62.82 -0.83 0.00	61.24 -0.74 0.00	59.37 -0.78 0.00	55.13 -1.01 0.00
DANSKAMMER__1 23586	47.61 2.27 0.00	43.39 1.99 0.00	41.09 1.88 0.00	39.54 1.70 0.00	40.73 1.83 0.00	46.28 2.16 0.00	55.83 2.81 0.00	61.10 3.84 0.00	65.47 4.40 0.00	65.18 4.38 0.00	76.57 5.41 0.00	79.04 5.58 0.00	75.64 5.21 0.00	76.57 5.21 0.00	74.50 5.33 0.00	79.37 5.88 0.00	75.66 5.54 0.00	86.88 6.44 0.00	78.02 5.91 0.00	72.49 5.43 0.00	69.00 5.35 0.00	67.06 5.08 0.00	64.96 4.81 0.00	60.52 4.38 0.00
DANSKAMMER__2 23589	47.61 2.27 0.00	43.39 1.99 0.00	41.09 1.88 0.00	39.54 1.70 0.00	40.73 1.83 0.00	46.28 2.16 0.00	55.83 2.81 0.00	61.10 3.84 0.00	65.47 4.40 0.00	65.18 4.38 0.00	76.57 5.41 0.00	79.04 5.58 0.00	75.64 5.21 0.00	76.57 5.21 0.00	74.50 5.33 0.00	79.37 5.88 0.00	75.66 5.54 0.00	86.88 6.44 0.00	78.02 5.91 0.00	72.49 5.43 0.00	69.00 5.35 0.00	67.06 5.08 0.00	64.96 4.81 0.00	60.52 4.38 0.00
DANSKAMMER__3 23590	47.61 2.27 0.00	43.39 1.99 0.00	41.09 1.88 0.00	39.54 1.70 0.00	40.73 1.83 0.00	46.28 2.16 0.00	55.83 2.81 0.00	61.10 3.84 0.00	65.47 4.40 0.00	65.18 4.38 0.00	76.57 5.41 0.00	79.04 5.58 0.00	75.64 5.21 0.00	76.57 5.21 0.00	74.50 5.33 0.00	79.37 5.88 0.00	75.66 5.54 0.00	86.88 6.44 0.00	78.02 5.91 0.00	72.49 5.43 0.00	69.00 5.35 0.00	67.06 5.08 0.00	64.96 4.81 0.00	60.52 4.38 0.00

DANSKAMMER___4 23591	47.61 2.27 0.00	43.39 1.99 0.00	41.09 1.88 0.00	39.54 1.70 0.00	40.73 1.83 0.00	46.28 2.16 0.00	55.83 2.81 0.00	61.10 3.84 0.00	65.47 4.40 0.00	65.18 4.38 0.00	76.57 5.41 0.00	79.04 5.58 0.00	75.64 5.21 0.00	76.57 5.21 0.00	74.50 5.33 0.00	79.37 5.88 0.00	75.66 5.54 0.00	86.88 6.44 0.00	78.02 5.91 0.00	72.49 5.43 0.00	69.00 5.35 0.00	67.06 5.08 0.00	64.96 4.81 0.00	60.52 4.38 0.00
DANSKAMMER___DIESEL 23592	47.61 2.27 0.00	43.31 1.90 0.00	41.02 1.80 0.00	39.61 1.78 0.00	40.77 1.87 0.00	46.28 2.16 0.00	55.84 2.81 0.00	61.10 3.84 0.00	65.46 4.40 0.00	65.18 4.38 0.00	76.57 5.41 0.00	79.05 5.58 0.00	75.64 5.21 0.00	76.65 5.28 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.66 5.54 0.00	86.88 6.44 0.00	78.02 5.91 0.00	72.50 5.43 0.00	69.00 5.35 0.00	67.12 5.14 0.00	64.96 4.81 0.00	60.51 4.38 0.00
DARBY___SOLAR 323810	47.47 2.13 0.00	43.39 1.99 0.00	41.02 1.80 0.00	39.50 1.66 0.00	40.61 1.71 0.00	46.02 1.90 0.00	55.57 2.55 0.00	60.24 2.98 0.00	64.42 3.36 0.00	64.27 3.46 0.00	75.15 3.98 0.00	77.87 4.41 0.00	74.37 3.94 0.00	75.43 4.07 0.00	72.84 3.66 0.00	77.75 4.26 0.00	73.55 3.43 0.00	84.54 4.10 0.00	75.64 3.53 0.00	70.28 3.22 0.00	66.65 2.99 0.00	65.01 3.04 0.00	63.10 2.95 0.00	58.88 2.75 0.00
DASHVILLE___HYD 23610	48.06 2.72 0.00	43.68 2.28 0.00	41.37 2.16 0.00	39.92 2.08 0.00	41.12 2.22 0.00	46.72 2.60 0.00	56.37 3.34 0.00	61.62 4.35 0.00	66.14 5.07 0.00	65.73 4.92 0.00	77.14 5.98 0.00	79.49 6.02 0.00	76.06 5.63 0.00	77.15 5.78 0.00	75.05 5.88 0.00	80.10 6.61 0.00	76.36 6.24 0.00	87.76 7.32 0.00	78.67 6.56 0.00	73.03 5.97 0.00	69.64 5.98 0.00	67.62 5.64 0.00	65.50 5.35 0.00	61.07 4.94 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	49.84 4.49 -0.01	45.00 3.60 0.00	42.43 3.22 0.00	41.01 3.18 0.00	42.64 3.73 0.00	48.54 4.41 -0.01	60.53 5.73 -1.78	69.86 7.22 -5.38	68.53 7.45 -0.01	67.86 7.05 -0.01	81.36 8.47 -1.73	81.85 8.37 -0.02	80.51 8.24 -1.85	85.08 8.35 -5.37	82.98 8.30 -5.51	90.17 9.11 -7.57	101.27 8.76 -22.39	103.30 10.30 -12.56	101.29 9.23 -19.95	98.50 8.45 -22.99	81.70 8.21 -9.83	80.80 8.06 -10.77	67.68 7.52 -0.01	64.76 6.90 -1.72
DELAWARE___LFGE 323621	46.66 1.31 0.00	42.52 1.12 0.00	40.27 1.06 0.00	38.86 1.02 0.00	39.99 1.09 0.00	45.44 1.32 0.00	54.72 2.35 0.00	59.61 2.44 0.00	63.51 2.43 0.00	63.23 2.43 0.00	73.94 2.78 0.00	76.25 2.79 0.00	72.96 2.54 0.00	73.93 2.57 0.00	71.80 2.63 0.00	76.28 2.79 0.00	72.78 2.66 0.00	83.82 3.38 0.00	75.07 2.96 0.00	69.88 2.82 0.00	66.26 2.61 0.00	64.58 2.60 0.00	62.61 2.47 0.00	58.44 2.30 0.00
DERFIELD_115KV_TB7 355931	45.48 0.14 0.00	41.49 0.08 0.00	39.29 0.08 0.00	37.91 0.08 0.00	38.98 0.08 0.00	44.21 0.09 0.00	53.18 0.16 0.00	57.61 0.34 0.00	61.43 0.37 0.00	61.23 0.43 0.00	71.66 0.50 0.00	74.05 0.59 0.00	70.92 0.49 0.00	71.86 0.50 0.00	69.73 0.55 0.00	74.00 0.51 0.00	70.61 0.49 0.00	81.01 0.56 0.00	72.62 0.50 0.00	67.53 0.47 0.00	64.10 0.45 0.00	62.41 0.43 0.00	60.57 0.42 0.00	56.47 0.34 0.00
DOGLEVILLE___HYD 23807	45.30 -0.05 0.00	41.32 -0.08 0.00	39.06 -0.16 0.00	37.57 -0.26 0.00	38.55 -0.35 0.00	43.72 -0.40 0.00	52.60 -0.43 0.00	56.92 -0.34 0.00	60.64 -0.42 0.00	60.44 -0.36 0.00	70.74 -0.42 0.00	73.32 -0.15 0.00	70.28 -0.14 0.00	71.29 -0.07 0.00	69.24 0.07 0.00	73.56 0.07 0.00	70.19 0.07 0.00	80.61 0.16 0.00	72.25 0.14 0.00	67.27 0.20 0.00	63.85 0.19 0.00	62.29 0.31 0.00	60.39 0.24 0.00	56.36 0.23 0.00
DUNKIRK___115KV_TB_200 55889	44.34 -1.00 0.00	40.24 -1.16 0.00	38.15 -1.06 0.00	36.85 -0.98 0.00	38.17 -0.74 0.00	43.11 -1.01 0.00	50.43 -2.60 0.00	54.29 -2.98 0.00	57.83 -3.24 0.00	57.28 -3.53 0.00	66.11 -5.05 0.00	67.73 -5.73 0.00	65.00 -5.42 0.00	66.01 -5.35 0.00	63.78 -5.40 0.00	67.02 -6.47 0.00	63.95 -6.17 0.00	74.01 -6.44 0.00	65.48 -6.63 0.00	60.63 -6.44 0.00	57.54 -6.11 0.00	56.34 -5.64 0.00	56.06 -4.09 0.00	53.55 -2.58 0.00
DUNKIRK___1 23563	44.34 -1.00 0.00	40.24 -1.16 0.00	38.15 -1.06 0.00	36.85 -0.98 0.00	38.17 -0.74 0.00	43.11 -1.01 0.00	50.43 -2.60 0.00	54.29 -2.98 0.00	57.83 -3.24 0.00	57.28 -3.53 0.00	66.11 -5.05 0.00	67.73 -5.73 0.00	65.00 -5.42 0.00	66.01 -5.35 0.00	63.78 -5.40 0.00	67.02 -6.47 0.00	63.95 -6.17 0.00	74.01 -6.44 0.00	65.48 -6.63 0.00	60.63 -6.44 0.00	57.54 -6.11 0.00	56.34 -5.64 0.00	56.06 -4.09 0.00	53.55 -2.58 0.00
DUNKIRK___2 23564	44.34 -1.00 0.00	40.24 -1.16 0.00	38.15 -1.06 0.00	36.85 -0.98 0.00	38.17 -0.74 0.00	43.11 -1.01 0.00	50.43 -2.60 0.00	54.29 -2.98 0.00	57.83 -3.24 0.00	57.28 -3.53 0.00	66.11 -5.05 0.00	67.73 -5.73 0.00	65.00 -5.42 0.00	66.01 -5.35 0.00	63.78 -5.40 0.00	67.02 -6.47 0.00	63.95 -6.17 0.00	74.01 -6.44 0.00	65.48 -6.63 0.00	60.63 -6.44 0.00	57.54 -6.11 0.00	56.34 -5.64 0.00	56.06 -4.09 0.00	53.55 -2.58 0.00
DUNKIRK___3 23565	44.16 -1.18 0.00	40.12 -1.28 0.00	38.08 -1.14 0.00	36.78 -1.06 0.00	38.05 -0.86 0.00	42.97 -1.15 0.00	50.32 -2.70 0.00	54.12 -3.15 0.00	57.71 -3.36 0.00	57.09 -3.71 0.00	65.90 -5.27 0.00	67.59 -5.88 0.00	64.79 -5.63 0.00	65.80 -5.57 0.00	63.64 -5.53 0.00	66.88 -6.61 0.00	63.81 -6.31 0.00	73.93 -6.52 0.00	65.48 -6.63 0.00	60.49 -6.57 0.00	57.42 -6.24 0.00	56.15 -5.83 0.00	55.82 -4.33 0.00	53.38 -2.75 0.00
DUNKIRK___4 23566	44.16 -1.18 0.00	40.12 -1.28 0.00	38.08 -1.14 0.00	36.78 -1.06 0.00	38.05 -0.86 0.00	42.97 -1.15 0.00	50.32 -2.70 0.00	54.12 -3.15 0.00	57.71 -3.36 0.00	57.09 -3.71 0.00	65.90 -5.27 0.00	67.59 -5.88 0.00	64.79 -5.63 0.00	65.80 -5.57 0.00	63.64 -5.53 0.00	66.88 -6.61 0.00	63.81 -6.31 0.00	73.93 -6.52 0.00	65.48 -6.63 0.00	60.49 -6.57 0.00	57.42 -6.24 0.00	56.15 -5.83 0.00	55.82 -4.33 0.00	53.38 -2.75 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.29 1.95 0.00	42.98 1.57 0.00	40.70 1.49 0.00	39.31 1.48 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.57 2.55 0.00	60.87 3.61 0.00	65.10 4.03 0.00	64.94 4.13 0.00	76.29 5.12 0.00	78.90 5.44 0.00	75.57 5.14 0.00	76.57 5.21 0.00	74.29 5.12 0.00	79.22 5.73 0.00	75.45 5.33 0.00	86.64 6.19 0.00	77.88 5.77 0.00	72.36 5.30 0.00	68.81 5.16 0.00	67.06 5.08 0.00	64.72 4.57 0.00	60.23 4.10 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.15 1.81 0.00	42.93 1.53 0.00	40.62 1.41 0.00	39.27 1.44 0.00	40.42 1.52 0.00	45.84 1.72 0.00	55.30 2.28 0.00	60.53 3.26 0.00	64.79 3.73 0.00	64.51 3.71 0.00	75.72 4.55 0.00	78.24 4.78 0.00	74.86 4.44 0.00	75.86 4.50 0.00	73.74 4.57 0.00	78.63 5.14 0.00	74.96 4.84 0.00	86.00 5.55 0.00	77.23 5.12 0.00	71.76 4.69 0.00	68.30 4.65 0.00	66.44 4.46 0.00	64.30 4.15 0.00	59.89 3.76 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	47.43 2.09 0.00	43.10 1.70 0.00	40.70 1.49 0.00	39.27 1.44 0.00	40.42 1.52 0.00	45.80 1.68 0.00	55.36 2.33 0.00	60.53 3.26 0.00	64.85 3.79 0.00	64.75 3.95 0.00	76.36 5.20 0.00	78.83 5.36 0.00	75.57 5.14 0.00	76.50 5.14 0.00	74.36 5.19 0.00	79.30 5.81 0.00	75.59 5.47 0.00	86.48 6.03 0.00	77.95 5.84 0.00	72.43 5.37 0.00	69.00 5.35 0.00	67.56 5.58 0.00	65.38 5.23 0.00	60.68 4.55 0.00
E179THST_13_KV_LOAD 356214	47.61 2.27 0.00	43.22 1.82 0.00	40.86 1.65 0.00	39.42 1.59 0.00	40.54 1.63 0.00	45.97 1.85 0.00	55.57 2.55 0.00	60.82 3.55 0.00	65.10 4.03 0.00	65.00 4.20 0.00	76.72 5.55 0.00	79.19 5.73 0.00	75.92 5.49 0.00	76.86 5.50 0.00	74.71 5.53 0.00	79.66 6.17 0.00	75.94 5.82 0.00	86.96 6.52 0.00	78.38 6.27 0.00	72.77 5.70 0.00	69.32 5.67 0.00	67.87 5.89 0.00	65.62 5.47 0.00	60.96 4.83 0.00
EAST HAMPTON___GT 23717	49.84 4.49 -0.01	45.25 3.85 0.00	42.47 3.25 0.00	40.90 3.06 0.00	42.56 3.66 0.00	48.63 4.50 -0.01	60.64 5.83 -1.78	69.69 7.04 -5.38	68.40 7.32 -0.01	67.62 6.81 -0.01	80.86 7.97 -1.73	81.42 7.94 -0.02	79.66 7.39 -1.85	84.29 7.56 -5.37	82.29 7.61 -5.51	89.43 8.37 -7.57	100.64 8.13 -22.39	102.57 9.57 -12.56	100.57 8.50 -19.95	97.70 7.64 -22.99	80.93 7.44 -9.83	80.05 7.31 -10.77	66.89 6.74 -0.01	64.42 6.56 -1.72
EAST RIVER___6 23660	46.76 1.95 0.53	42.86 1.66 0.20	40.72 1.53 0.02	39.16 1.32 0.00	40.34 1.44 0.00	45.46 1.77 0.42	54.45 2.60 1.18	60.25 3.84 0.85	64.59 4.34 0.82	64.41 4.44 0.83	76.59 5.55 0.13	79.20 5.73 0.00	75.92 5.50 0.00	76.72 5.36 0.00	74.71 5.54 0.00	79.59 6.10 0.00	75.92 5.82 0.01	87.10 6.67 0.02	78.30 6.20 0.01	72.70 5.63 0.00	69.13 5.48 0.00	67.37 5.39 0.00	65.08 4.93 0.00	60.46 4.32 0.00
EAST RIVER___7 23524	46.76 1.95 0.53	42.86 1.66 0.20	40.72 1.53 0.02	39.16 1.32 0.00	40.34 1.44 0.00	45.46 1.77 0.42	54.45 2.60 1.18	60.25 3.84 0.85	64.59 4.34 0.82	64.41 4.44 0.83	76.59 5.55 0.13	79.20 5.73 0.00	75.92 5.50 0.00	76.72 5.36 0.00	74.71 5.54 0.00	79.59 6.10 0.00	75.92 5.82 0.01	87.10 6.67 0.02	78.30 6.20 0.01	72.70 5.63 0.00	69.13 5.48 0.00	67.37 5.39 0.00	65.08 4.93 0.00	60.46 4.32 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.20 1.86 0.00	42.93 1.53 0.00	40.62 1.41 0.00	39.27 1.44 0.00	40.42 1.52 0.00	45.89 1.76 0.00	55.46 2.44 0.00	60.70 3.44 0.00	64.98 3.91 0.00	64.75 3.95 0.00	76.15 4.98 0.00	78.68 5.22 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.00 5.51 0.00	75.31 5.19 0.00	86.40 5.95 0.00	77.74 5.62 0.00	72.23 5.16 0.00	68.68 5.03 0.00	66.87 4.90 0.00	64.60 4.45 0.00	60.06 3.93 0.00
EAST_HAMPTON___DIESEL 23722	49.80 4.45 -0.01	45.17 3.77 0.00	42.39 3.17 0.00	40.86 3.03 0.00	42.52 3.62 0.00	48.58 4.45 -0.01	60.59 5.78 -1.78	69.57 6.93 -5.38	68.28 7.20 -0.01	67.50 6.69 -0.01	80.72 7.83 -1.73	81.19 7.71 -0.02	79.46 7.19 -1.85	84.15 7.42 -5.37	82.16 7.47 -5.51	89.21 8.16 -7.57	100.50 7.99 -22.39	102.41 9.41 -12.56	100.35 8.29 -19.95	97.56 7.51 -22.99	80.74 7.25 -9.83	79.87 7.12 -10.77	66.71 6.56 -0.01	64.25 6.40 -1.72
EAST_POINT___SOLAR 323840	49.37 4.03 0.00	45.13 3.73 0.00	42.62 3.41 0.00	41.01 3.18 0.00	42.21 3.30 0.00	48.22 4.10 0.00	58.22 5.20 0.00	63.05 5.78 0.00	67.06 5.99 0.00	66.09 5.29 0.00	76.72 5.55 0.00	78.97 5.51 0.00	75.22 4.79 0.00	76.93 5.57 0.00	74.43 5.25 0.00	79.73 6.24 0.00	75.87 5.75 0.00	87.36 6.92 0.00	78.53 6.42 0.00	72.90 5.83 0.00	69.06 5.41 0.00	67.43 5.46 0.00	65.44 5.29 0.00	61.02 4.88 0.00
EAST_PULASKI___ESR 323781	44.25 -1.09 0.00	40.33 -1.08 0.00	38.19 -1.02 0.00	37.00 -0.83 0.00	38.09 -0.82 0.00	43.11 -1.01 0.00	51.96 -1.06 0.00	56.64 -0.63 0.00	60.09 -0.98 0.00	59.83 -0.98 0.00	69.67 -1.50 0.00	71.85 -1.62 0.00	68.73 -1.69 0.00	69.58 -1.78 0.00	67.65 -1.52 0.00	71.73 -1.76 0.00	68.51 -1.61 0.00	78.75 -1.69 0.00	70.38 -1.73 0.00	65.39 -1.67 0.00	62.00 -1.66 0.00	60.55 -1.42 0.00	58.70 -1.44 0.00	54.73 -1.40 0.00
EAST_RIVER___1 323558	46.80 1.99 0.53	42.94 1.74 0.20	40.80 1.61 0.02	39.24 1.40 0.00	40.42 1.52 0.00	45.55 1.85 0.42	54.50 2.65 1.18	60.19 3.78 0.85	64.52 4.27 0.82	64.41 4.44 0.83	76.52 5.48 0.13	79.20 5.73 0.00	75.85 5.42 0.00	76.65 5.28 0.00	74.57 5.40 0.00	79.52 6.03 0.00	75.86 5.75 0.01	87.02 6.60 0.02	78.22 6.13 0.01	72.70 5.63 0.00	69.13 5.48 0.00	67.37 5.39 0.00	65.08 4.93 0.00	60.52 4.38 0.00
EAST_RIVER___2 323559	46.76 1.95 0.53	42.86 1.66 0.20	40.72 1.53 0.02	39.16 1.32 0.00	40.34 1.44 0.00	45.46 1.77 0.42	54.45 2.60 1.18	60.25 3.84 0.85	64.59 4.34 0.82	64.41 4.44 0.83	76.59 5.55 0.13	79.20 5.73 0.00	75.92 5.50 0.00	76.72 5.36 0.00	74.71 5.54 0.00	79.59 6.10 0.00	75.92 5.82 0.01	87.10 6.67 0.02	78.30 6.20 0.01	72.70 5.63 0.00	69.13 5.48 0.00	67.37 5.39 0.00	65.08 4.93 0.00	60.46 4.32 0.00
EAST___DELAWARE_HYD 23607	47.56 2.22 0.00	43.35 1.95 0.00	41.06 1.84 0.00	39.46 1.63 0.00	40.66 1.75 0.00	46.28 2.16 0.00	55.83 2.81 0.00	61.21 3.95 0.00	65.59 4.52 0.00	65.18 4.38 0.00	76.36 5.19 0.00	78.68 5.22 0.00	75.22 4.79 0.00	76.22 4.86 0.00	74.22 5.05 0.00	79.15 5.66 0.00	75.66 5.54 0.00	86.64 6.19 0.00	77.66 5.55 0.00	72.10 5.03 0.00	68.68 5.03 0.00	66.69 4.71 0.00	64.66 4.51 0.00	60.35 4.21 0.00
EIGHT_POINT___WT_PWR 323820	45.66 0.32 0.00	41.53 0.12 0.00	39.33 0.12 0.00	37.91 0.08 0.00	39.18 0.27 0.00	44.39 0.27 0.00	52.66 -0.37 0.00	57.04 -0.23 0.00	60.46 -0.61 0.00	60.38 -0.42 0.00	69.67 -1.50 0.00	71.63 -1.83 0.00	68.53 -1.90 0.00	69.58 -1.78 0.00	67.51 -1.66 0.00	71.43 -2.06 0.00	68.43 -1.68 0.00	79.15 -1.29 0.00	70.31 -1.80 0.00	65.05 -2.01 0.00	61.49 -2.16 0.00	59.56 -2.42 0.00	58.40 -1.75 0.00	55.23 -0.90 0.00
ELBRIDGE_115KV_TB2 80188	44.25 -1.09 0.00	40.33 -1.08 0.00	38.19 -1.02 0.00	36.85 -0.98 0.00	37.97 -0.93 0.00	43.06 -1.06 0.00	51.75 -1.27 0.00	56.23 -1.03 0.00	59.85 -1.22 0.00	59.65 -1.16 0.00	69.60 -1.57 0.00	71.85 -1.62 0.00	68.81 -1.62 0.00	69.72 -1.64 0.00	67.65 -1.52 0.00	71.80 -1.69 0.00	68.51 -1.61 0.00	78.84 -1.61 0.00	70.52 -1.59 0.00	65.52 -1.54 0.00	62.13 -1.53 0.00	60.43 -1.55 0.00	58.71 -1.44 0.00	54.84 -1.29 0.00
ELEC_TRO_TEK 24086	48.08 2.72 -0.02	43.68 2.28 0.00	41.29 2.08 0.00	39.92 2.08 0.00	41.24 2.33 0.00	46.83 2.69 -0.02	57.69 3.39 -1.27	65.73 4.64 -3.83	66.15 5.07 -0.02	65.93 5.11 -0.02	78.44 6.05 -1.23	79.80 6.32 -0.02	77.73 5.99 -1.32	81.25 6.07 -3.82	79.11 6.02 -3.92	85.55 6.69 -5.38	92.19 6.17 -15.90	96.52 7.16 -8.92	92.91 6.63 -14.17	89.62 6.24 -16.32	76.81 6.17 -6.98	75.64 6.01 -7.65	65.94 5.77 -0.02	62.25 4.88 -1.23

ELLENBURG_WT_PWR 323604	46.52 1.18 0.00	42.52 1.12 0.00	40.23 1.02 0.00	39.08 1.25 0.00	40.07 1.17 0.00	45.27 1.15 0.00	54.46 1.43 0.00	57.61 0.35 0.00	61.37 0.31 0.00	60.92 0.12 0.00	71.45 0.29 0.00	73.32 -0.15 0.00	70.92 0.50 0.00	72.01 0.64 0.00	69.52 0.35 0.00	73.34 -0.15 0.00	70.75 0.63 0.00	79.96 -0.48 0.00	72.04 -0.07 0.00	67.27 0.20 0.00	63.97 0.32 0.00	62.10 0.12 0.00	60.33 0.18 0.00	56.30 0.17 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.44 -1.90 0.00	39.50 -1.90 0.00	37.49 -1.73 0.00	36.25 -1.59 0.00	37.50 -1.40 0.00	42.36 -1.76 0.00	49.58 -3.45 0.00	53.26 -4.01 0.00	56.73 -4.34 0.00	56.12 -4.68 0.00	64.69 -6.48 0.00	66.41 -7.05 0.00	63.66 -6.76 0.00	64.66 -6.71 0.00	62.53 -6.64 0.00	65.77 -7.72 0.00	62.76 -7.36 0.00	72.80 -7.64 0.00	64.54 -7.57 0.00	59.62 -7.44 0.00	56.59 -7.07 0.00	55.35 -6.63 0.00	55.10 -5.05 0.00	52.71 -3.42 0.00
EMPIRE_CC_1 323656	46.88 1.54 0.00	42.77 1.36 0.00	40.50 1.29 0.00	39.08 1.25 0.00	40.19 1.28 0.00	45.57 1.45 0.00	54.93 1.91 0.00	59.67 2.40 0.00	63.75 2.68 0.00	63.54 2.74 0.00	74.72 3.56 0.00	77.28 3.82 0.00	73.94 3.52 0.00	74.93 3.57 0.00	72.63 3.46 0.00	77.31 3.82 0.00	73.55 3.43 0.00	84.47 4.02 0.00	75.79 3.68 0.00	70.62 3.55 0.00	67.03 3.37 0.00	65.26 3.28 0.00	63.27 3.13 0.00	59.05 2.92 0.00
EMPIRE_CC_2 323658	46.88 1.54 0.00	42.77 1.36 0.00	40.50 1.29 0.00	39.08 1.25 0.00	40.19 1.28 0.00	45.57 1.45 0.00	54.93 1.91 0.00	59.67 2.40 0.00	63.75 2.68 0.00	63.54 2.74 0.00	74.72 3.56 0.00	77.28 3.82 0.00	73.94 3.52 0.00	74.93 3.57 0.00	72.63 3.46 0.00	77.31 3.82 0.00	73.55 3.43 0.00	84.47 4.02 0.00	75.79 3.68 0.00	70.62 3.55 0.00	67.03 3.37 0.00	65.26 3.28 0.00	63.27 3.13 0.00	59.05 2.92 0.00
ENORWICH_115KV_TB1 80156	49.33 3.99 0.00	44.84 3.44 0.00	42.43 3.22 0.00	40.79 2.95 0.00	41.98 3.07 0.00	47.91 3.79 0.00	57.96 4.93 0.00	68.49 11.22 0.00	72.49 11.42 0.00	71.99 11.19 0.00	83.26 12.10 0.00	85.29 11.83 0.00	80.99 10.56 0.00	82.07 10.70 0.00	80.72 11.55 0.00	85.98 12.49 0.00	83.16 13.04 0.00	89.05 8.61 0.00	79.32 7.21 0.00	73.70 6.64 0.00	69.64 5.98 0.00	67.87 5.89 0.00	65.50 5.35 0.00	61.19 5.05 0.00
ERIE_ST__34_KV_TB1-2 80199	44.34 -1.00 0.00	40.28 -1.12 0.00	38.23 -0.98 0.00	36.93 -0.91 0.00	38.28 -0.62 0.00	43.24 -0.88 0.00	50.64 -2.39 0.00	54.46 -2.81 0.00	57.95 -3.11 0.00	57.34 -3.47 0.00	66.25 -4.91 0.00	67.88 -5.58 0.00	65.07 -5.35 0.00	66.08 -5.28 0.00	63.98 -5.19 0.00	67.32 -6.17 0.00	64.37 -5.75 0.00	74.65 -5.79 0.00	66.20 -5.91 0.00	61.10 -5.97 0.00	57.93 -5.73 0.00	56.59 -5.39 0.00	56.18 -3.97 0.00	53.83 -2.30 0.00
ERIE_WT_PWR 323693	43.89 -1.45 0.00	39.95 -1.45 0.00	37.88 -1.33 0.00	36.55 -1.29 0.00	37.74 -1.17 0.00	42.75 -1.37 0.00	50.06 -2.97 0.00	53.77 -3.50 0.00	57.28 -3.79 0.00	57.21 -3.59 0.00	65.54 -5.62 0.00	67.07 -6.39 0.00	64.30 -6.13 0.00	65.30 -6.07 0.00	63.22 -5.95 0.00	66.51 -6.98 0.00	63.46 -6.66 0.00	73.53 -6.92 0.00	65.19 -6.92 0.00	60.22 -6.84 0.00	57.16 -6.49 0.00	55.84 -6.14 0.00	55.57 -4.57 0.00	53.05 -3.09 0.00
ESPRGFLD_115KV_TB1 80157	48.11 2.77 0.00	43.89 2.48 0.00	41.49 2.27 0.00	39.99 2.16 0.00	41.20 2.30 0.00	46.94 2.82 0.00	56.58 3.55 0.00	61.62 4.35 0.00	65.65 4.58 0.00	65.18 4.38 0.00	75.93 4.77 0.00	78.31 4.85 0.00	74.72 4.30 0.00	75.86 4.50 0.00	73.67 4.50 0.00	78.34 4.85 0.00	74.75 4.63 0.00	85.91 5.47 0.00	76.94 4.83 0.00	71.56 4.49 0.00	67.73 4.07 0.00	66.01 4.03 0.00	64.12 3.97 0.00	59.84 3.70 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	45.98 0.63 0.00	41.86 0.46 0.00	39.64 0.43 0.00	38.18 0.34 0.00	39.41 0.51 0.00	44.69 0.57 0.00	53.82 0.80 0.00	58.24 0.97 0.00	61.92 0.85 0.00	61.65 0.85 0.00	71.88 0.71 0.00	74.12 0.66 0.00	70.99 0.56 0.00	72.01 0.64 0.00	69.93 0.76 0.00	74.23 0.73 0.00	70.89 0.77 0.00	82.29 1.85 0.00	73.55 1.44 0.00	68.27 1.21 0.00	64.67 1.02 0.00	62.91 0.93 0.00	61.05 0.90 0.00	57.14 1.01 0.00
ETNA____115KV_TB2 80207	45.98 0.63 0.00	41.86 0.46 0.00	39.64 0.43 0.00	38.18 0.34 0.00	39.41 0.51 0.00	44.69 0.57 0.00	53.82 0.80 0.00	58.24 0.97 0.00	61.92 0.85 0.00	61.65 0.85 0.00	71.88 0.71 0.00	74.12 0.66 0.00	70.99 0.56 0.00	72.01 0.64 0.00	69.93 0.76 0.00	74.23 0.73 0.00	70.89 0.77 0.00	82.29 1.85 0.00	73.55 1.44 0.00	68.27 1.21 0.00	64.67 1.02 0.00	62.91 0.93 0.00	61.05 0.90 0.00	57.14 1.01 0.00
EUCLID__115KV_TB2 356179	44.21 -1.13 0.00	40.33 -1.08 0.00	38.19 -1.02 0.00	36.81 -1.02 0.00	37.93 -0.97 0.00	43.06 -1.06 0.00	51.70 -1.33 0.00	56.12 -1.15 0.00	59.78 -1.28 0.00	59.53 -1.28 0.00	69.53 -1.64 0.00	71.77 -1.69 0.00	68.73 -1.69 0.00	69.65 -1.71 0.00	67.58 -1.59 0.00	71.65 -1.84 0.00	68.37 -1.75 0.00	78.59 -1.85 0.00	70.31 -1.80 0.00	65.39 -1.68 0.00	62.00 -1.66 0.00	60.30 -1.67 0.00	58.65 -1.50 0.00	54.84 -1.29 0.00
E_CANADA_CAP_HY 24051	48.92 3.58 0.00	44.67 3.27 0.00	42.19 2.98 0.00	40.60 2.76 0.00	41.82 2.92 0.00	47.69 3.57 0.00	57.37 4.35 0.00	62.24 4.98 0.00	66.38 5.31 0.00	65.72 4.92 0.00	76.72 5.55 0.00	79.20 5.73 0.00	75.50 5.07 0.00	76.72 5.36 0.00	74.29 5.12 0.00	79.15 5.66 0.00	75.17 5.05 0.00	86.56 6.11 0.00	77.66 5.55 0.00	72.16 5.09 0.00	68.30 4.64 0.00	66.69 4.71 0.00	64.96 4.81 0.00	60.57 4.43 0.00
E_CANADA_MHWK_HY 24050	45.30 -0.05 0.00	41.32 -0.08 0.00	39.06 -0.16 0.00	37.57 -0.26 0.00	38.55 -0.35 0.00	43.72 -0.40 0.00	52.60 -0.43 0.00	56.92 -0.34 0.00	60.64 -0.42 0.00	60.44 -0.36 0.00	70.74 -0.42 0.00	73.32 -0.15 0.00	70.28 -0.14 0.00	71.29 -0.07 0.00	69.24 0.07 0.00	73.56 0.07 0.00	70.19 0.07 0.00	80.61 0.16 0.00	72.25 0.14 0.00	67.27 0.20 0.00	63.85 0.19 0.00	62.29 0.31 0.00	60.39 0.24 0.00	56.36 0.23 0.00
E_FISHKILL__LBMP 23776	47.02 1.68 0.00	42.81 1.41 0.00	40.51 1.29 0.00	39.16 1.32 0.00	40.30 1.40 0.00	45.71 1.59 0.00	55.20 2.17 0.00	60.36 3.09 0.00	64.55 3.48 0.00	64.39 3.59 0.00	75.65 4.48 0.00	78.24 4.78 0.00	74.93 4.51 0.00	75.93 4.57 0.00	73.67 4.50 0.00	78.49 5.00 0.00	74.82 4.70 0.00	85.83 5.39 0.00	77.16 5.05 0.00	71.76 4.69 0.00	68.24 4.58 0.00	66.50 4.52 0.00	64.30 4.15 0.00	59.84 3.70 0.00
FALCON__SEABRD_CC1 323796	46.83 1.49 0.00	42.85 1.45 0.00	40.55 1.33 0.00	39.35 1.52 0.00	40.34 1.44 0.00	45.66 1.54 0.00	54.93 1.91 0.00	58.07 0.80 0.00	61.86 0.79 0.00	61.41 0.61 0.00	72.02 0.86 0.00	73.54 0.07 0.00	71.48 1.06 0.00	72.65 1.29 0.00	70.14 0.97 0.00	73.49 0.00 0.00	71.38 1.26 0.00	80.04 -0.40 0.00	72.40 0.29 0.00	67.87 0.81 0.00	64.61 0.96 0.00	62.66 0.68 0.00	60.87 0.72 0.00	56.75 0.62 0.00

FALCON___SEABRD_CC2 323797	46.83 1.49 0.00	42.85 1.45 0.00	40.55 1.33 0.00	39.35 1.52 0.00	40.34 1.44 0.00	45.66 1.54 0.00	54.93 1.91 0.00	58.07 0.80 0.00	61.86 0.79 0.00	61.41 0.61 0.00	72.02 0.86 0.00	73.54 0.07 0.00	71.48 1.06 0.00	72.65 1.29 0.00	70.14 0.97 0.00	73.49 0.00 0.00	71.38 1.26 0.00	80.04 -0.40 0.00	72.40 0.29 0.00	67.87 0.81 0.00	64.61 0.96 0.00	62.66 0.68 0.00	60.87 0.72 0.00	56.75 0.62 0.00
FAR ROCKAWAY___4 23548	48.76 3.40 -0.02	44.31 2.90 0.00	41.84 2.63 0.00	40.41 2.57 0.00	41.78 2.88 0.00	47.45 3.31 -0.02	58.83 4.19 -1.62	67.71 5.55 -4.89	67.13 6.05 -0.01	66.96 6.14 -0.01	80.13 7.40 -1.57	81.19 7.71 -0.02	79.36 7.25 -1.68	83.59 7.35 -4.88	81.44 7.26 -5.01	88.38 8.01 -6.88	97.97 7.50 -20.35	100.46 8.61 -11.41	98.24 8.00 -18.13	95.40 7.44 -20.89	79.84 7.26 -8.93	78.89 7.13 -9.78	66.90 6.74 -0.01	63.48 5.78 -1.57
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.38 2.04 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.35 1.51 0.00	40.50 1.60 0.00	46.02 1.90 0.00	55.73 2.70 0.00	61.10 3.84 0.00	65.40 4.34 0.00	65.30 4.50 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	87.04 6.60 0.00	78.31 6.20 0.00	72.70 5.63 0.00	69.19 5.54 0.00	67.43 5.45 0.00	65.14 4.99 0.00	60.51 4.38 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	47.38 2.04 0.00	43.10 1.70 0.00	40.74 1.53 0.00	39.35 1.51 0.00	40.50 1.60 0.00	46.02 1.90 0.00	55.73 2.70 0.00	61.10 3.84 0.00	65.40 4.34 0.00	65.30 4.50 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	87.04 6.60 0.00	78.31 6.20 0.00	72.77 5.70 0.00	69.19 5.54 0.00	67.49 5.52 0.00	65.14 4.99 0.00	60.51 4.38 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	47.38 2.04 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.68 2.65 0.00	61.04 3.78 0.00	65.34 4.27 0.00	65.24 4.44 0.00	76.57 5.41 0.00	79.12 5.66 0.00	75.85 5.42 0.00	76.79 5.42 0.00	74.57 5.40 0.00	79.52 6.03 0.00	75.80 5.68 0.00	87.04 6.60 0.00	78.24 6.13 0.00	72.70 5.63 0.00	69.13 5.47 0.00	67.43 5.45 0.00	65.14 4.99 0.00	60.51 4.38 0.00
FARRAGUT___LBMP 323566	47.34 1.99 0.00	43.02 1.61 0.00	40.70 1.49 0.00	39.31 1.48 0.00	40.46 1.56 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.99 3.72 0.00	65.34 4.27 0.00	65.18 4.38 0.00	76.57 5.41 0.00	79.05 5.58 0.00	75.78 5.35 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.96 6.52 0.00	78.17 6.06 0.00	72.63 5.57 0.00	69.06 5.41 0.00	67.37 5.39 0.00	65.08 4.93 0.00	60.46 4.32 0.00
FENNER___WINDPWR 24204	46.11 0.77 0.00	42.02 0.62 0.00	39.84 0.63 0.00	38.44 0.60 0.00	39.57 0.66 0.00	44.96 0.84 0.00	54.19 1.17 0.00	58.93 1.66 0.00	62.77 1.71 0.00	62.57 1.76 0.00	72.87 1.71 0.00	75.22 1.76 0.00	71.97 1.55 0.00	72.93 1.57 0.00	70.90 1.73 0.00	75.25 1.76 0.00	71.80 1.68 0.00	82.46 2.01 0.00	73.69 1.58 0.00	68.54 1.47 0.00	64.86 1.21 0.00	63.15 1.17 0.00	61.23 1.08 0.00	57.15 1.01 0.00
FIBERTEK___ENERGY 23856	44.57 -0.77 0.00	40.62 -0.79 0.00	38.47 -0.75 0.00	37.08 -0.76 0.00	38.20 -0.70 0.00	43.37 -0.75 0.00	52.18 -0.85 0.00	56.69 -0.57 0.00	60.33 -0.73 0.00	60.13 -0.67 0.00	70.24 -0.93 0.00	72.51 -0.96 0.00	69.44 -0.99 0.00	70.37 -1.00 0.00	68.20 -0.97 0.00	72.39 -1.10 0.00	69.07 -1.05 0.00	79.48 -0.97 0.00	71.10 -1.01 0.00	66.06 -1.01 0.00	62.64 -1.02 0.00	60.92 -1.05 0.00	59.19 -0.96 0.00	55.29 -0.84 0.00
FITZPATRICK____ 23598	43.57 -1.77 0.00	39.74 -1.66 0.00	37.64 -1.57 0.00	36.32 -1.51 0.00	37.39 -1.52 0.00	42.40 -1.72 0.00	50.96 -2.07 0.00	55.21 -2.06 0.00	58.81 -2.26 0.00	58.62 -2.19 0.00	68.39 -2.78 0.00	70.60 -2.87 0.00	67.68 -2.75 0.00	68.58 -2.78 0.00	66.47 -2.70 0.00	70.55 -2.94 0.00	67.31 -2.81 0.00	77.39 -3.06 0.00	69.22 -2.89 0.00	64.38 -2.68 0.00	61.04 -2.61 0.00	59.43 -2.54 0.00	57.80 -2.35 0.00	53.94 -2.19 0.00
FLOWRFLD_69_KV_BK1 356044	49.25 3.90 -0.01	44.55 3.15 0.00	42.04 2.82 0.00	40.67 2.84 0.00	42.17 3.27 0.00	47.92 3.79 -0.01	59.68 4.88 -1.78	69.11 6.47 -5.37	67.85 6.78 -0.01	67.38 6.57 -0.01	81.00 8.11 -1.72	81.71 8.23 -0.02	80.23 7.96 -1.84	84.79 8.06 -5.36	82.70 8.02 -5.50	89.86 8.82 -7.55	100.81 8.34 -22.35	102.71 9.73 -12.53	100.96 8.94 -19.91	98.26 8.25 -22.94	81.55 8.08 -9.81	80.59 7.87 -10.74	67.68 7.52 -0.01	64.37 6.51 -1.72
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.70 2.36 0.00	43.43 2.03 0.00	41.09 1.88 0.00	39.69 1.85 0.00	40.85 1.95 0.00	46.37 2.25 0.00	55.99 2.97 0.00	61.22 3.95 0.00	65.59 4.52 0.00	65.30 4.50 0.00	76.72 5.55 0.00	79.19 5.73 0.00	75.78 5.35 0.00	76.79 5.42 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.80 5.68 0.00	87.04 6.60 0.00	78.17 6.06 0.00	72.63 5.57 0.00	69.13 5.47 0.00	67.25 5.27 0.00	65.08 4.93 0.00	60.62 4.49 0.00
FORT ORANGE____ 23900	46.34 1.00 0.00	42.31 0.91 0.00	40.11 0.90 0.00	38.71 0.87 0.00	39.72 0.82 0.00	45.09 0.97 0.00	54.35 1.33 0.00	58.58 1.32 0.00	62.59 1.53 0.00	62.38 1.58 0.00	73.51 2.34 0.00	76.03 2.57 0.00	72.82 2.40 0.00	73.72 2.35 0.00	71.45 2.28 0.00	76.13 2.64 0.00	72.29 2.18 0.00	83.02 2.57 0.00	74.49 2.38 0.00	69.35 2.28 0.00	65.82 2.17 0.00	64.21 2.23 0.00	62.31 2.16 0.00	58.15 2.02 0.00
FORT_DRUM_COGEN 23780	45.66 0.32 0.00	42.56 1.16 0.00	40.35 1.14 0.00	37.87 0.04 0.00	38.94 0.04 0.00	44.56 0.44 0.00	54.24 1.22 0.00	59.50 2.23 0.00	63.27 2.20 0.00	62.69 1.88 0.00	72.87 1.71 0.00	74.93 1.47 0.00	71.48 1.06 0.00	72.29 0.93 0.00	70.63 1.45 0.00	74.52 1.03 0.00	71.45 1.33 0.00	81.73 1.29 0.00	72.90 0.79 0.00	67.74 0.67 0.00	63.97 0.32 0.00	62.23 0.25 0.00	60.33 0.18 0.00	55.80 -0.34 0.00
FOX_HILLS___ESR 323835	47.84 2.49 -0.01	43.52 2.11 -0.01	41.13 1.92 0.00	39.69 1.85 0.00	40.85 1.95 0.00	46.33 2.21 0.00	56.11 3.08 -0.01	61.40 4.12 -0.01	65.72 4.64 -0.01	65.55 4.74 -0.01	77.21 6.05 0.00	79.71 6.24 0.00	76.41 5.99 0.00	77.36 5.99 0.00	75.12 5.95 0.00	80.26 6.76 -0.01	76.37 6.24 -0.01	87.53 7.08 -0.01	78.82 6.71 -0.01	73.24 6.17 -0.01	69.77 6.11 -0.01	68.12 6.14 -0.01	65.81 5.65 -0.01	61.14 5.00 -0.01
FPL FAR_ROCK_GT1 24212	48.76 3.40 -0.02	44.51 3.11 0.00	41.92 2.70 0.00	40.33 2.50 0.00	41.74 2.84 0.00	47.45 3.31 -0.02	58.83 4.19 -1.62	67.60 5.44 -4.89	67.13 6.05 -0.01	66.95 6.14 -0.01	80.06 7.33 -1.57	81.19 7.71 -0.02	79.36 7.26 -1.68	83.53 7.28 -4.88	81.44 7.26 -5.01	88.31 7.94 -6.88	97.97 7.51 -20.35	100.47 8.61 -11.41	98.24 8.00 -18.13	95.40 7.44 -20.89	79.84 7.25 -8.93	78.82 7.06 -9.78	66.90 6.74 -0.01	63.54 5.84 -1.57

FPL FAR_ROCK_GT2 23815	48.76 3.40 -0.02	44.51 3.11 0.00	41.92 2.70 0.00	40.33 2.50 0.00	41.74 2.84 0.00	47.45 3.31 -0.02	58.83 4.19 -1.62	67.60 5.44 -4.89	67.13 6.05 -0.01	66.95 6.14 -0.01	80.06 7.33 -1.57	81.19 7.71 -0.02	79.36 7.26 -1.68	83.53 7.28 -4.88	81.44 7.26 -5.01	88.31 7.94 -6.88	97.97 7.51 -20.35	100.47 8.61 -11.41	98.24 8.00 -18.13	95.40 7.44 -20.89	79.84 7.25 -8.93	78.82 7.06 -9.78	66.90 6.74 -0.01	63.54 5.84 -1.57
FRANKLIN_FALL_HYD 24054	47.29 1.95 0.00	44.55 3.15 0.00	42.23 3.02 0.00	39.42 1.59 0.00	40.42 1.52 0.00	46.24 2.12 0.00	55.84 2.81 0.00	59.33 2.06 0.00	63.20 2.14 0.00	62.63 1.82 0.00	73.23 2.06 0.00	75.30 1.84 0.00	72.54 2.11 0.00	73.36 2.00 0.00	71.18 2.01 0.00	74.74 1.25 0.00	72.15 2.03 0.00	81.25 0.80 0.00	73.41 1.30 0.00	68.27 1.21 0.00	65.05 1.40 0.00	63.03 1.05 0.00	61.23 1.08 0.00	57.09 0.95 0.00
FREEPORT_EQUUS_GT1 23764	48.44 3.08 -0.01	44.22 2.82 0.00	41.64 2.43 0.00	40.07 2.23 0.00	41.47 2.57 0.00	47.18 3.04 -0.01	58.40 3.82 -1.55	66.93 4.98 -4.69	66.64 5.56 -0.01	66.35 5.53 -0.01	79.08 6.41 -1.50	80.16 6.68 -0.02	78.37 6.34 -1.61	82.32 6.28 -4.67	80.33 6.36 -4.80	87.13 7.06 -6.59	96.19 6.59 -19.48	99.02 7.65 -10.93	96.61 7.14 -17.36	93.71 6.64 -20.00	78.71 6.50 -8.56	77.67 6.32 -9.37	66.42 6.26 -0.01	63.08 5.44 -1.50
FREEPORT___CT2 23818	48.44 3.08 -0.01	44.22 2.82 0.00	41.64 2.43 0.00	40.07 2.23 0.00	41.47 2.57 0.00	47.18 3.04 -0.01	58.40 3.82 -1.55	66.93 4.98 -4.69	66.64 5.56 -0.01	66.35 5.53 -0.01	79.08 6.41 -1.50	80.16 6.68 -0.02	78.37 6.34 -1.61	82.32 6.28 -4.67	80.33 6.36 -4.80	87.13 7.06 -6.59	96.19 6.59 -19.48	99.02 7.65 -10.93	96.61 7.14 -17.36	93.71 6.64 -20.00	78.71 6.50 -8.56	77.67 6.32 -9.37	66.42 6.26 -0.01	63.08 5.44 -1.50
FRESHKLS_33_KV_LOAD 356253	48.02 2.68 -0.01	43.69 2.28 -0.01	41.33 2.12 0.00	39.84 2.01 0.00	41.01 2.10 0.00	46.50 2.38 0.00	56.27 3.23 -0.01	61.51 4.24 -0.01	65.90 4.82 -0.01	65.61 4.80 -0.01	77.36 6.19 0.00	79.93 6.46 0.00	76.55 6.13 0.00	77.50 6.14 0.00	75.33 6.16 0.00	80.48 6.98 -0.01	76.58 6.45 -0.01	87.69 7.24 -0.01	78.97 6.85 -0.01	73.44 6.37 -0.01	69.96 6.30 -0.01	68.18 6.20 -0.01	65.93 5.77 -0.01	61.31 5.16 -0.01
FULTON COGEN____ 23766	43.93 -1.41 0.00	40.04 -1.37 0.00	37.92 -1.29 0.00	36.55 -1.29 0.00	37.66 -1.24 0.00	42.75 -1.37 0.00	51.38 -1.64 0.00	55.89 -1.37 0.00	59.48 -1.59 0.00	59.28 -1.52 0.00	69.17 -1.99 0.00	71.48 -1.98 0.00	68.45 -1.97 0.00	69.37 -2.00 0.00	67.24 -1.94 0.00	71.36 -2.13 0.00	68.08 -2.03 0.00	78.27 -2.17 0.00	70.02 -2.09 0.00	65.05 -2.01 0.00	61.68 -1.97 0.00	60.06 -1.92 0.00	58.40 -1.74 0.00	54.56 -1.57 0.00
FULTON___LFGE 323630	48.83 3.49 0.00	44.59 3.19 0.00	42.15 2.94 0.00	40.56 2.73 0.00	41.74 2.84 0.00	47.61 3.48 0.00	57.42 4.40 0.00	62.24 4.98 0.00	66.38 5.31 0.00	65.79 4.99 0.00	76.64 5.48 0.00	79.20 5.73 0.00	75.50 5.07 0.00	76.72 5.36 0.00	74.22 5.05 0.00	79.23 5.74 0.00	75.17 5.05 0.00	86.56 6.11 0.00	77.74 5.63 0.00	72.23 5.16 0.00	68.36 4.71 0.00	66.82 4.84 0.00	64.78 4.63 0.00	60.40 4.26 0.00
G.F.CEMENT___DRP 24184	47.56 2.22 0.00	43.47 2.07 0.00	41.09 1.88 0.00	39.61 1.78 0.00	40.69 1.79 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.19 2.92 0.00	64.43 3.36 0.00	64.33 3.53 0.00	75.15 3.99 0.00	77.94 4.48 0.00	74.37 3.94 0.00	75.50 4.14 0.00	72.70 3.53 0.00	77.68 4.19 0.00	73.20 3.09 0.00	84.23 3.78 0.00	75.28 3.17 0.00	69.95 2.88 0.00	66.26 2.61 0.00	64.77 2.79 0.00	62.92 2.77 0.00	58.66 2.53 0.00
GARDENVILLE___LBMP 24039	43.71 -1.63 0.00	39.70 -1.70 0.00	37.68 -1.53 0.00	36.40 -1.44 0.00	37.70 -1.21 0.00	42.58 -1.54 0.00	49.84 -3.18 0.00	53.60 -3.66 0.00	57.04 -4.03 0.00	56.49 -4.32 0.00	65.12 -6.05 0.00	66.78 -6.69 0.00	64.02 -6.41 0.00	65.01 -6.35 0.00	62.88 -6.29 0.00	66.14 -7.35 0.00	63.18 -6.94 0.00	73.28 -7.16 0.00	64.90 -7.21 0.00	59.96 -7.11 0.00	56.91 -6.75 0.00	55.66 -6.32 0.00	55.34 -4.81 0.00	52.93 -3.20 0.00
GARDNVLA_35_KV_LD 355827	43.93 -1.41 0.00	39.91 -1.49 0.00	37.88 -1.33 0.00	36.59 -1.25 0.00	37.89 -1.01 0.00	42.80 -1.32 0.00	50.11 -2.92 0.00	53.89 -3.38 0.00	57.34 -3.73 0.00	56.79 -4.01 0.00	65.47 -5.69 0.00	67.14 -6.32 0.00	64.37 -6.06 0.00	65.37 -5.99 0.00	63.22 -5.95 0.00	66.51 -6.98 0.00	63.53 -6.59 0.00	73.69 -6.76 0.00	65.26 -6.85 0.00	60.29 -6.77 0.00	57.22 -6.43 0.00	55.90 -6.07 0.00	55.64 -4.51 0.00	53.22 -2.92 0.00
GELCKHM__115KV_LOAD 80723	44.34 -1.00 0.00	40.41 -0.99 0.00	38.27 -0.94 0.00	36.93 -0.91 0.00	38.05 -0.86 0.00	43.15 -0.97 0.00	51.86 -1.17 0.00	56.35 -0.92 0.00	59.97 -1.10 0.00	59.77 -1.03 0.00	69.81 -1.35 0.00	72.07 -1.40 0.00	69.02 -1.41 0.00	69.94 -1.43 0.00	67.79 -1.38 0.00	71.95 -1.54 0.00	68.65 -1.47 0.00	78.92 -1.53 0.00	70.60 -1.51 0.00	65.66 -1.41 0.00	62.19 -1.46 0.00	60.55 -1.43 0.00	58.83 -1.32 0.00	55.01 -1.12 0.00
GENERAL___MILLS 23808	43.84 -1.50 0.00	39.83 -1.57 0.00	37.80 -1.41 0.00	36.55 -1.29 0.00	37.81 -1.09 0.00	42.71 -1.41 0.00	50.00 -3.02 0.00	53.77 -3.49 0.00	57.22 -3.85 0.00	56.67 -4.13 0.00	65.33 -5.84 0.00	67.00 -6.46 0.00	64.30 -6.13 0.00	65.23 -6.14 0.00	63.15 -6.02 0.00	66.36 -7.13 0.00	63.39 -6.73 0.00	73.53 -6.92 0.00	65.12 -6.99 0.00	60.16 -6.91 0.00	57.10 -6.56 0.00	55.84 -6.14 0.00	55.52 -4.63 0.00	53.10 -3.03 0.00
GE_PLASTICS___DRP 24183	46.20 0.86 0.00	42.11 0.70 0.00	39.92 0.71 0.00	38.59 0.76 0.00	39.60 0.70 0.00	44.91 0.79 0.00	54.09 1.06 0.00	58.70 1.43 0.00	62.65 1.59 0.00	62.50 1.70 0.00	73.66 2.49 0.00	76.11 2.64 0.00	72.89 2.46 0.00	73.86 2.50 0.00	71.59 2.42 0.00	76.21 2.72 0.00	72.36 2.24 0.00	83.10 2.65 0.00	74.56 2.45 0.00	69.48 2.41 0.00	65.95 2.29 0.00	64.27 2.29 0.00	62.31 2.17 0.00	58.10 1.96 0.00
GILBOA___1 23756	46.29 0.95 0.00	42.23 0.83 0.00	40.00 0.78 0.00	38.55 0.72 0.00	39.64 0.74 0.00	45.00 0.88 0.00	54.19 1.17 0.00	58.93 1.66 0.00	62.90 1.83 0.00	62.69 1.89 0.00	73.51 2.34 0.00	75.96 2.50 0.00	72.75 2.32 0.00	73.65 2.28 0.00	71.53 2.35 0.00	76.06 2.57 0.00	72.29 2.18 0.00	83.02 2.57 0.00	74.49 2.38 0.00	69.48 2.41 0.00	65.94 2.29 0.00	64.21 2.23 0.00	62.25 2.10 0.00	58.10 1.96 0.00
GILBOA___2 23757	46.29 0.95 0.00	42.23 0.83 0.00	40.00 0.78 0.00	38.55 0.72 0.00	39.64 0.74 0.00	45.00 0.88 0.00	54.19 1.17 0.00	58.93 1.66 0.00	62.90 1.83 0.00	62.69 1.89 0.00	73.51 2.34 0.00	75.96 2.50 0.00	72.75 2.32 0.00	73.65 2.28 0.00	71.53 2.35 0.00	76.06 2.57 0.00	72.29 2.18 0.00	83.02 2.57 0.00	74.49 2.38 0.00	69.48 2.41 0.00	65.94 2.29 0.00	64.21 2.23 0.00	62.25 2.10 0.00	58.10 1.96 0.00

GILBOA___3 23758	46.29 0.95 0.00	42.23 0.83 0.00	40.00 0.78 0.00	38.55 0.72 0.00	39.64 0.74 0.00	45.00 0.88 0.00	54.19 1.17 0.00	58.93 1.66 0.00	62.90 1.83 0.00	62.69 1.89 0.00	73.51 2.34 0.00	75.96 2.50 0.00	72.75 2.32 0.00	73.65 2.28 0.00	71.53 2.35 0.00	76.06 2.57 0.00	72.29 2.18 0.00	83.02 2.57 0.00	74.49 2.38 0.00	69.48 2.41 0.00	65.94 2.29 0.00	64.21 2.23 0.00	62.25 2.10 0.00	58.10 1.96 0.00
GILBOA___4 23759	46.29 0.95 0.00	42.23 0.83 0.00	40.00 0.78 0.00	38.55 0.72 0.00	39.64 0.74 0.00	45.00 0.88 0.00	54.19 1.17 0.00	58.93 1.66 0.00	62.90 1.83 0.00	62.69 1.89 0.00	73.51 2.34 0.00	75.96 2.50 0.00	72.75 2.32 0.00	73.65 2.28 0.00	71.53 2.35 0.00	76.06 2.57 0.00	72.29 2.18 0.00	83.02 2.57 0.00	74.49 2.38 0.00	69.48 2.41 0.00	65.94 2.29 0.00	64.21 2.23 0.00	62.25 2.10 0.00	58.10 1.96 0.00
GILBOA___ 23599	46.29 0.95 0.00	42.19 0.79 0.00	39.96 0.75 0.00	38.59 0.76 0.00	39.68 0.78 0.00	45.00 0.88 0.00	54.19 1.17 0.00	58.93 1.66 0.00	62.90 1.83 0.00	62.69 1.88 0.00	73.51 2.35 0.00	75.96 2.50 0.00	72.75 2.32 0.00	73.72 2.36 0.00	71.52 2.35 0.00	76.06 2.57 0.00	72.29 2.17 0.00	83.02 2.57 0.00	74.49 2.38 0.00	69.48 2.41 0.00	65.95 2.29 0.00	64.27 2.29 0.00	62.25 2.11 0.00	58.10 1.96 0.00
GINNA___ 23603	41.94 -3.40 0.00	38.30 -3.11 0.00	36.23 -2.98 0.00	34.96 -2.88 0.00	36.07 -2.84 0.00	40.94 -3.18 0.00	48.78 -4.24 0.00	53.09 -4.18 0.00	56.42 -4.64 0.00	56.37 -4.44 0.00	65.04 -6.12 0.00	67.22 -6.24 0.00	64.30 -6.13 0.00	65.30 -6.07 0.00	63.22 -5.95 0.00	66.80 -6.69 0.00	63.81 -6.31 0.00	73.69 -6.76 0.00	65.69 -6.42 0.00	60.96 -6.10 0.00	57.74 -5.92 0.00	56.15 -5.83 0.00	54.98 -5.17 0.00	51.48 -4.66 0.00
GLEN PARK___ 23778	45.79 0.45 0.00	41.69 0.29 0.00	39.49 0.28 0.00	38.82 0.98 0.00	39.91 1.01 0.00	44.74 0.62 0.00	54.46 1.43 0.00	59.73 2.46 0.00	63.51 2.45 0.00	62.99 2.19 0.00	73.09 1.92 0.00	75.15 1.69 0.00	71.62 1.20 0.00	72.50 1.14 0.00	70.83 1.66 0.00	74.81 1.32 0.00	71.87 1.75 0.00	82.30 1.85 0.00	73.26 1.15 0.00	68.07 1.01 0.00	64.29 0.64 0.00	62.60 0.62 0.00	60.57 0.42 0.00	56.02 -0.11 0.00
GLENDALE_27_KV_LOAD 356172	47.65 2.31 0.00	43.31 1.90 0.00	40.94 1.73 0.00	39.50 1.66 0.00	40.65 1.75 0.00	46.15 2.03 0.00	55.84 2.81 0.00	61.16 3.89 0.00	65.52 4.46 0.00	65.42 4.62 0.00	77.07 5.91 0.00	79.63 6.17 0.00	76.27 5.85 0.00	77.22 5.85 0.00	75.05 5.88 0.00	80.03 6.54 0.00	76.29 6.17 0.00	87.44 7.00 0.00	78.74 6.63 0.00	73.10 6.04 0.00	69.64 5.98 0.00	67.93 5.95 0.00	65.62 5.47 0.00	60.91 4.77 0.00
GLENWOOD_IC_1_G5 23712	47.99 2.63 -0.02	43.60 2.19 0.00	41.21 2.00 0.00	39.80 1.97 0.00	41.12 2.22 0.00	46.65 2.51 -0.02	57.58 3.29 -1.27	65.20 4.12 -3.81	65.66 4.58 -0.02	65.44 4.62 -0.02	78.01 5.62 -1.23	79.43 5.95 -0.02	77.30 5.56 -1.31	80.81 5.64 -3.80	78.68 5.60 -3.90	85.10 6.25 -5.36	91.78 5.82 -15.84	96.01 6.68 -8.89	92.43 6.20 -14.12	89.10 5.77 -16.26	76.28 5.67 -6.96	75.18 5.58 -7.62	65.34 5.17 -0.02	62.19 4.83 -1.23
GLENWOOD_IC_2_G1 23688	47.61 2.27 0.00	43.43 2.03 0.00	41.06 1.84 0.00	39.50 1.66 0.00	40.77 1.87 0.00	46.33 2.21 0.00	55.97 2.91 -0.03	61.36 4.01 -0.09	65.52 4.46 0.00	65.30 4.50 0.00	76.75 5.55 -0.03	79.27 5.80 0.00	75.95 5.50 -0.03	76.87 5.42 -0.09	74.80 5.54 -0.09	79.71 6.10 -0.12	76.22 5.75 -0.35	87.24 6.60 -0.20	78.55 6.13 -0.32	73.13 5.70 -0.36	69.41 5.60 -0.16	67.60 5.46 -0.17	65.26 5.11 0.00	60.65 4.49 -0.03
GLENWOOD_IC_3_G1 23689	47.61 2.27 0.00	43.43 2.03 0.00	41.06 1.84 0.00	39.50 1.66 0.00	40.77 1.87 0.00	46.33 2.21 0.00	55.97 2.91 -0.03	61.36 4.01 -0.09	65.52 4.46 0.00	65.30 4.50 0.00	76.75 5.55 -0.03	79.27 5.80 0.00	75.95 5.50 -0.03	76.87 5.42 -0.09	74.80 5.54 -0.09	79.71 6.10 -0.12	76.22 5.75 -0.35	87.24 6.60 -0.20	78.55 6.13 -0.32	73.13 5.70 -0.36	69.41 5.60 -0.16	67.60 5.46 -0.17	65.26 5.11 0.00	60.65 4.49 -0.03
GLENWOOD___4 23550	47.99 2.63 -0.02	43.60 2.19 0.00	41.21 2.00 0.00	39.80 1.97 0.00	41.12 2.22 0.00	46.65 2.51 -0.02	57.58 3.29 -1.27	65.32 4.24 -3.81	65.78 4.70 -0.02	65.62 4.80 -0.02	78.23 5.84 -1.23	79.58 6.10 -0.02	77.51 5.77 -1.31	81.02 5.85 -3.80	78.89 5.81 -3.90	85.24 6.39 -5.36	91.92 5.96 -15.84	96.17 6.84 -8.89	92.65 6.42 -14.12	89.30 5.97 -16.26	76.41 5.79 -6.96	75.30 5.70 -7.62	65.46 5.29 -0.02	62.19 4.83 -1.23
GLENWOOD___5 23614	47.99 2.63 -0.02	43.60 2.19 0.00	41.21 2.00 0.00	39.80 1.97 0.00	41.12 2.22 0.00	46.65 2.51 -0.02	57.58 3.29 -1.27	65.32 4.24 -3.81	65.78 4.70 -0.02	65.62 4.80 -0.02	78.23 5.84 -1.23	79.58 6.10 -0.02	77.51 5.77 -1.31	81.02 5.85 -3.80	78.89 5.81 -3.90	85.24 6.39 -5.36	91.92 5.96 -15.84	96.17 6.84 -8.89	92.65 6.42 -14.12	89.30 5.97 -16.26	76.41 5.79 -6.96	75.30 5.70 -7.62	65.46 5.29 -0.02	62.19 4.83 -1.23
GLOBAL GREEN_PORT_GT1 23814	50.02 4.67 -0.01	45.42 4.01 0.00	42.62 3.41 0.00	41.05 3.21 0.00	42.72 3.81 0.00	48.76 4.63 -0.01	60.80 5.99 -1.78	69.98 7.33 -5.38	68.77 7.69 -0.01	68.04 7.23 -0.01	81.50 8.61 -1.73	82.00 8.52 -0.02	80.30 8.03 -1.85	85.01 8.27 -5.37	82.98 8.30 -5.51	90.17 9.11 -7.57	101.34 8.83 -22.39	103.46 10.45 -12.56	101.37 9.31 -19.95	98.50 8.45 -22.99	81.64 8.15 -9.83	80.74 8.00 -10.77	67.55 7.40 -0.01	64.87 7.02 -1.72
GLOBE___DSASP 323697	41.99 -3.36 0.00	38.38 -3.02 0.00	36.43 -2.78 0.00	35.19 -2.65 0.00	36.45 -2.45 0.00	41.16 -2.96 0.00	47.83 -5.20 0.00	51.31 -5.96 0.00	54.72 -6.35 0.00	54.05 -6.75 0.00	62.20 -8.97 0.00	63.84 -9.62 0.00	61.20 -9.23 0.00	62.16 -9.21 0.00	60.18 -8.99 0.00	63.20 -10.29 0.00	60.30 -9.82 0.00	69.99 -10.46 0.00	62.01 -10.10 0.00	57.34 -9.72 0.00	54.49 -9.17 0.00	53.36 -8.61 0.00	53.23 -6.92 0.00	50.97 -5.16 0.00
GOETHSLN___LBMP 323567	47.06 1.72 0.00	42.77 1.37 0.00	40.43 1.22 0.00	39.08 1.25 0.00	40.23 1.32 0.00	45.66 1.54 0.00	55.30 2.28 0.00	60.70 3.44 0.00	64.98 3.91 0.00	64.82 4.01 0.00	76.07 4.91 0.00	78.60 5.14 0.00	75.28 4.86 0.00	76.29 4.92 0.00	74.08 4.91 0.00	79.00 5.51 0.00	75.31 5.19 0.00	86.48 6.03 0.00	77.74 5.62 0.00	72.23 5.16 0.00	68.68 5.03 0.00	67.06 5.08 0.00	64.72 4.57 0.00	60.12 3.99 0.00
GOLAH___69_KV_TB 1_2 80279	43.89 -1.45 0.00	40.04 -1.37 0.00	37.88 -1.33 0.00	36.59 -1.25 0.00	37.81 -1.09 0.00	42.84 -1.28 0.00	50.80 -2.23 0.00	54.92 -2.35 0.00	58.32 -2.75 0.00	57.82 -2.98 0.00	66.68 -4.48 0.00	68.69 -4.78 0.00	65.92 -4.51 0.00	66.94 -4.42 0.00	64.68 -4.50 0.00	68.20 -5.29 0.00	65.21 -4.91 0.00	75.38 -5.07 0.00	67.13 -4.98 0.00	62.24 -4.83 0.00	58.82 -4.84 0.00	57.27 -4.71 0.00	56.48 -3.67 0.00	53.38 -2.75 0.00

GOODYEAR_LAKE_HYD 323669	47.24 1.90 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.27 1.44 0.00	40.46 1.56 0.00	46.02 1.90 0.00	55.46 2.44 0.00	60.47 3.21 0.00	64.49 3.42 0.00	64.15 3.34 0.00	74.87 3.70 0.00	77.21 3.75 0.00	73.73 3.31 0.00	74.79 3.43 0.00	72.70 3.53 0.00	77.24 3.75 0.00	73.76 3.65 0.00	84.87 4.42 0.00	75.93 3.82 0.00	70.69 3.62 0.00	66.96 3.31 0.00	65.20 3.22 0.00	63.22 3.07 0.00	59.00 2.86 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.43 0.09 0.00	41.36 -0.04 0.00	39.17 -0.04 0.00	37.84 0.00 0.00	39.02 0.12 0.00	44.21 0.09 0.00	53.02 0.00 0.00	57.55 0.29 0.00	61.19 0.12 0.00	60.92 0.12 0.00	71.02 -0.14 0.00	73.24 -0.22 0.00	70.07 -0.35 0.00	71.01 -0.36 0.00	68.90 -0.28 0.00	73.05 -0.44 0.00	69.77 -0.35 0.00	80.44 0.00 0.00	71.82 -0.29 0.00	66.73 -0.34 0.00	63.27 -0.38 0.00	61.61 -0.37 0.00	59.91 -0.24 0.00	56.30 0.17 0.00
GOUDEY___7 23579	45.43 0.09 0.00	41.36 -0.04 0.00	39.17 -0.04 0.00	37.84 0.00 0.00	39.02 0.12 0.00	44.21 0.09 0.00	53.02 0.00 0.00	57.55 0.29 0.00	61.19 0.12 0.00	60.92 0.12 0.00	71.02 -0.14 0.00	73.24 -0.22 0.00	70.07 -0.35 0.00	71.01 -0.36 0.00	68.90 -0.28 0.00	73.05 -0.44 0.00	69.77 -0.35 0.00	80.44 0.00 0.00	71.82 -0.29 0.00	66.73 -0.34 0.00	63.27 -0.38 0.00	61.61 -0.37 0.00	59.91 -0.24 0.00	56.30 0.17 0.00
GOUDEY___8 23580	45.43 0.09 0.00	41.36 -0.04 0.00	39.17 -0.04 0.00	37.84 0.00 0.00	39.02 0.12 0.00	44.21 0.09 0.00	53.02 0.00 0.00	57.55 0.29 0.00	61.19 0.12 0.00	60.92 0.12 0.00	71.02 -0.14 0.00	73.24 -0.22 0.00	70.07 -0.35 0.00	71.01 -0.36 0.00	68.90 -0.28 0.00	73.05 -0.44 0.00	69.77 -0.35 0.00	80.44 0.00 0.00	71.82 -0.29 0.00	66.73 -0.34 0.00	63.27 -0.38 0.00	61.61 -0.37 0.00	59.91 -0.24 0.00	56.30 0.17 0.00
GOWANUS_GT1_1 24077	47.80 2.45 -0.01	43.44 2.03 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.77 1.87 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.28 4.01 -0.01	65.66 4.58 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.71 6.24 0.00	76.34 5.92 0.00	77.36 5.99 0.00	75.12 5.95 0.00	80.19 6.69 -0.01	76.37 6.24 -0.01	87.53 7.08 -0.01	78.82 6.71 -0.01	73.24 6.17 -0.01	69.77 6.11 -0.01	68.06 6.07 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GOWANUS_GT1_2 24078	47.80 2.45 -0.01	43.44 2.03 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.77 1.87 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.28 4.01 -0.01	65.66 4.58 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.71 6.24 0.00	76.34 5.92 0.00	77.36 5.99 0.00	75.12 5.95 0.00	80.19 6.69 -0.01	76.37 6.24 -0.01	87.53 7.08 -0.01	78.82 6.71 -0.01	73.24 6.17 -0.01	69.77 6.11 -0.01	68.06 6.07 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GOWANUS_GT1_3 24079	47.80 2.45 -0.01	43.44 2.03 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.77 1.87 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.28 4.01 -0.01	65.66 4.58 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.71 6.24 0.00	76.34 5.92 0.00	77.36 5.99 0.00	75.12 5.95 0.00	80.19 6.69 -0.01	76.37 6.24 -0.01	87.53 7.08 -0.01	78.82 6.71 -0.01	73.24 6.17 -0.01	69.77 6.11 -0.01	68.06 6.07 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GOWANUS_GT1_4 24080	47.80 2.45 -0.01	43.44 2.03 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.77 1.87 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.28 4.01 -0.01	65.66 4.58 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.71 6.24 0.00	76.34 5.92 0.00	77.36 5.99 0.00	75.12 5.95 0.00	80.19 6.69 -0.01	76.37 6.24 -0.01	87.53 7.08 -0.01	78.82 6.71 -0.01	73.24 6.17 -0.01	69.77 6.11 -0.01	68.06 6.07 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GOWANUS_GT1_5 24084	47.80 2.45 -0.01	43.44 2.03 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.77 1.87 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.28 4.01 -0.01	65.66 4.58 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.71 6.24 0.00	76.34 5.92 0.00	77.36 5.99 0.00	75.12 5.95 0.00	80.19 6.69 -0.01	76.37 6.24 -0.01	87.53 7.08 -0.01	78.82 6.71 -0.01	73.24 6.17 -0.01	69.77 6.11 -0.01	68.06 6.07 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GOWANUS_GT1_6 24111	47.80 2.45 -0.01	43.44 2.03 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.77 1.87 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.28 4.01 -0.01	65.66 4.58 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.71 6.24 0.00	76.34 5.92 0.00	77.36 5.99 0.00	75.12 5.95 0.00	80.19 6.69 -0.01	76.37 6.24 -0.01	87.53 7.08 -0.01	78.82 6.71 -0.01	73.24 6.17 -0.01	69.77 6.11 -0.01	68.06 6.07 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GOWANUS_GT1_7 24112	47.80 2.45 -0.01	43.44 2.03 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.77 1.87 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.28 4.01 -0.01	65.66 4.58 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.71 6.24 0.00	76.34 5.92 0.00	77.36 5.99 0.00	75.12 5.95 0.00	80.19 6.69 -0.01	76.37 6.24 -0.01	87.53 7.08 -0.01	78.82 6.71 -0.01	73.24 6.17 -0.01	69.77 6.11 -0.01	68.06 6.07 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GOWANUS_GT1_8 24113	47.80 2.45 -0.01	43.44 2.03 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.77 1.87 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.28 4.01 -0.01	65.66 4.58 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.71 6.24 0.00	76.34 5.92 0.00	77.36 5.99 0.00	75.12 5.95 0.00	80.19 6.69 -0.01	76.37 6.24 -0.01	87.53 7.08 -0.01	78.82 6.71 -0.01	73.24 6.17 -0.01	69.77 6.11 -0.01	68.06 6.07 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GOWANUS_GT2_1 24114	47.75 2.40 -0.01	43.48 2.07 -0.01	41.13 1.92 0.00	39.50 1.66 0.00	40.69 1.79 0.00	46.24 2.12 0.00	55.95 2.91 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.43 4.62 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.05 5.88 0.00	80.04 6.54 -0.01	75.84 6.17 0.45	86.86 7.00 0.58	78.22 6.63 0.52	73.17 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.14 4.99 -0.01
GOWANUS_GT2_2 24115	47.75 2.40 -0.01	43.48 2.07 -0.01	41.13 1.92 0.00	39.50 1.66 0.00	40.69 1.79 0.00	46.24 2.12 0.00	55.95 2.91 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.43 4.62 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.05 5.88 0.00	80.04 6.54 -0.01	75.84 6.17 0.45	86.86 7.00 0.58	78.22 6.63 0.52	73.17 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.14 4.99 -0.01
GOWANUS_GT2_3 24116	47.75 2.40 -0.01	43.48 2.07 -0.01	41.13 1.92 0.00	39.50 1.66 0.00	40.69 1.79 0.00	46.24 2.12 0.00	55.95 2.91 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.43 4.62 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.05 5.88 0.00	80.04 6.54 -0.01	75.84 6.17 0.45	86.86 7.00 0.58	78.22 6.63 0.52	73.17 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.14 4.99 -0.01

GOWANUS_GT2_4 24117	47.75 2.40 -0.01	43.48 2.07 -0.01	41.13 1.92 0.00	39.50 1.66 0.00	40.69 1.79 0.00	46.24 2.12 0.00	55.95 2.91 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.43 4.62 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.05 5.88 0.00	80.04 6.54 -0.01	75.84 6.17 0.45	86.86 7.00 0.58	78.22 6.63 0.52	73.17 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.14 4.99 -0.01
GOWANUS_GT2_5 24118	47.75 2.40 -0.01	43.48 2.07 -0.01	41.13 1.92 0.00	39.50 1.66 0.00	40.69 1.79 0.00	46.24 2.12 0.00	55.95 2.91 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.43 4.62 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.05 5.88 0.00	80.04 6.54 -0.01	75.84 6.17 0.45	86.86 7.00 0.58	78.22 6.63 0.52	73.17 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.14 4.99 -0.01
GOWANUS_GT2_6 24119	47.75 2.40 -0.01	43.48 2.07 -0.01	41.13 1.92 0.00	39.50 1.66 0.00	40.69 1.79 0.00	46.24 2.12 0.00	55.95 2.91 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.43 4.62 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.05 5.88 0.00	80.04 6.54 -0.01	75.84 6.17 0.45	86.86 7.00 0.58	78.22 6.63 0.52	73.17 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.14 4.99 -0.01
GOWANUS_GT2_7 24120	47.75 2.40 -0.01	43.48 2.07 -0.01	41.13 1.92 0.00	39.50 1.66 0.00	40.69 1.79 0.00	46.24 2.12 0.00	55.95 2.91 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.43 4.62 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.05 5.88 0.00	80.04 6.54 -0.01	75.84 6.17 0.45	86.86 7.00 0.58	78.22 6.63 0.52	73.17 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.14 4.99 -0.01
GOWANUS_GT2_8 24121	47.75 2.40 -0.01	43.48 2.07 -0.01	41.13 1.92 0.00	39.50 1.66 0.00	40.69 1.79 0.00	46.24 2.12 0.00	55.95 2.91 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.43 4.62 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.05 5.88 0.00	80.04 6.54 -0.01	75.84 6.17 0.45	86.86 7.00 0.58	78.22 6.63 0.52	73.17 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.14 4.99 -0.01
GOWANUS_GT3_1 24122	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
GOWANUS_GT3_2 24123	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
GOWANUS_GT3_3 24124	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
GOWANUS_GT3_4 24125	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
GOWANUS_GT3_5 24126	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
GOWANUS_GT3_6 24127	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
GOWANUS_GT3_7 24128	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
GOWANUS_GT3_8 24129	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
GOWANUS_GT4_1 24130	47.75 2.40 -0.01	43.40 1.99 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.73 1.83 0.00	46.24 2.12 0.00	55.95 2.92 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.29 5.92 0.00	75.05 5.88 0.00	80.11 6.61 -0.01	75.84 6.17 0.45	86.87 7.00 0.58	78.23 6.63 0.52	73.18 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GOWANUS_GT4_2 24131	47.75 2.40 -0.01	43.40 1.99 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.73 1.83 0.00	46.24 2.12 0.00	55.95 2.92 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.29 5.92 0.00	75.05 5.88 0.00	80.11 6.61 -0.01	75.84 6.17 0.45	86.87 7.00 0.58	78.23 6.63 0.52	73.18 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01

GOWANUS_GT4_3 24132	47.75 2.40 -0.01	43.40 1.99 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.73 1.83 0.00	46.24 2.12 0.00	55.95 2.92 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.29 5.92 0.00	75.05 5.88 0.00	80.11 6.61 -0.01	75.84 6.17 0.45	86.87 7.00 0.58	78.23 6.63 0.52	73.18 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GOWANUS_GT4_4 24133	47.75 2.40 -0.01	43.40 1.99 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.73 1.83 0.00	46.24 2.12 0.00	55.95 2.92 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.29 5.92 0.00	75.05 5.88 0.00	80.11 6.61 -0.01	75.84 6.17 0.45	86.87 7.00 0.58	78.23 6.63 0.52	73.18 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GOWANUS_GT4_5 24134	47.75 2.40 -0.01	43.40 1.99 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.73 1.83 0.00	46.24 2.12 0.00	55.95 2.92 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.29 5.92 0.00	75.05 5.88 0.00	80.11 6.61 -0.01	75.84 6.17 0.45	86.87 7.00 0.58	78.23 6.63 0.52	73.18 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GOWANUS_GT4_6 24135	47.75 2.40 -0.01	43.40 1.99 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.73 1.83 0.00	46.24 2.12 0.00	55.95 2.92 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.29 5.92 0.00	75.05 5.88 0.00	80.11 6.61 -0.01	75.84 6.17 0.45	86.87 7.00 0.58	78.23 6.63 0.52	73.18 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GOWANUS_GT4_7 24136	47.75 2.40 -0.01	43.40 1.99 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.73 1.83 0.00	46.24 2.12 0.00	55.95 2.92 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.29 5.92 0.00	75.05 5.88 0.00	80.11 6.61 -0.01	75.84 6.17 0.45	86.87 7.00 0.58	78.23 6.63 0.52	73.18 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GOWANUS_GT4_8 24137	47.75 2.40 -0.01	43.40 1.99 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.73 1.83 0.00	46.24 2.12 0.00	55.95 2.92 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.29 5.92 0.00	75.05 5.88 0.00	80.11 6.61 -0.01	75.84 6.17 0.45	86.87 7.00 0.58	78.23 6.63 0.52	73.18 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GREENBSH_115KV_TB3 55895	46.07 0.73 0.00	41.98 0.58 0.00	39.80 0.59 0.00	38.55 0.72 0.00	39.53 0.62 0.00	44.78 0.66 0.00	53.98 0.95 0.00	58.58 1.32 0.00	62.53 1.47 0.00	62.38 1.58 0.00	73.73 2.56 0.00	76.25 2.79 0.00	72.96 2.54 0.00	74.01 2.64 0.00	71.66 2.49 0.00	76.28 2.79 0.00	72.36 2.24 0.00	83.10 2.65 0.00	74.63 2.52 0.00	69.48 2.41 0.00	65.95 2.29 0.00	64.33 2.36 0.00	62.31 2.17 0.00	58.15 2.02 0.00
GREENDGE_115KV_TB5 80291	45.29 -0.05 0.00	41.15 -0.25 0.00	39.02 -0.20 0.00	37.65 -0.19 0.00	38.94 0.04 0.00	44.12 0.00 0.00	52.34 -0.69 0.00	57.04 -0.23 0.00	60.46 -0.61 0.00	60.13 -0.67 0.00	69.74 -1.42 0.00	71.85 -1.62 0.00	68.73 -1.69 0.00	69.94 -1.43 0.00	67.93 -1.25 0.00	71.95 -1.54 0.00	68.86 -1.26 0.00	79.56 -0.88 0.00	70.96 -1.15 0.00	65.79 -1.27 0.00	62.19 -1.46 0.00	60.43 -1.55 0.00	58.95 -1.20 0.00	55.52 -0.62 0.00
GREENIDGE___3 23582	45.29 -0.05 0.00	41.15 -0.25 0.00	39.02 -0.20 0.00	37.65 -0.19 0.00	38.94 0.04 0.00	44.12 0.00 0.00	52.34 -0.69 0.00	57.04 -0.23 0.00	60.46 -0.61 0.00	60.13 -0.67 0.00	69.74 -1.42 0.00	71.85 -1.62 0.00	68.73 -1.69 0.00	69.94 -1.43 0.00	67.93 -1.25 0.00	71.95 -1.54 0.00	68.86 -1.26 0.00	79.56 -0.88 0.00	70.96 -1.15 0.00	65.79 -1.27 0.00	62.19 -1.46 0.00	60.43 -1.55 0.00	58.95 -1.20 0.00	55.52 -0.62 0.00
GREENIDGE___4 23583	45.30 -0.05 0.00	41.20 -0.21 0.00	39.02 -0.20 0.00	37.61 -0.23 0.00	38.87 -0.04 0.00	44.12 0.00 0.00	52.33 -0.69 0.00	57.04 -0.23 0.00	60.46 -0.61 0.00	60.31 -0.49 0.00	69.74 -1.42 0.00	71.85 -1.62 0.00	68.73 -1.69 0.00	69.94 -1.43 0.00	67.93 -1.24 0.00	71.94 -1.55 0.00	68.86 -1.26 0.00	79.56 -0.88 0.00	70.95 -1.16 0.00	65.79 -1.28 0.00	62.19 -1.46 0.00	60.43 -1.55 0.00	58.95 -1.20 0.00	55.40 -0.73 0.00
GREENLWN_69_KV_BK 3 55738	48.25 2.90 -0.01	43.80 2.40 0.00	41.37 2.16 0.00	39.99 2.16 0.00	41.39 2.49 0.00	47.00 2.87 -0.01	58.45 3.66 -1.76	67.64 5.04 -5.33	66.57 5.50 -0.01	66.28 5.47 -0.01	79.21 6.33 -1.71	80.09 6.61 -0.02	78.45 6.20 -1.83	83.04 6.35 -5.32	80.93 6.29 -5.46	87.97 6.98 -7.50	98.47 6.17 -22.19	99.89 7.00 -12.45	98.51 6.63 -19.77	96.28 6.44 -22.78	79.82 6.43 -9.74	78.90 6.26 -10.67	66.11 5.95 -0.01	62.89 5.05 -1.71
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.80 2.45 -0.01	43.44 2.03 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.77 1.87 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.28 4.01 -0.01	65.66 4.58 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.71 6.24 0.00	76.34 5.92 0.00	77.36 5.99 0.00	75.12 5.95 0.00	80.19 6.69 -0.01	76.37 6.24 -0.01	87.53 7.08 -0.01	78.82 6.71 -0.01	73.24 6.17 -0.01	69.77 6.11 -0.01	68.06 6.07 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01
GRISSOM___SOLAR 323813	48.51 3.17 0.00	44.34 2.94 0.00	41.92 2.70 0.00	40.33 2.50 0.00	41.51 2.61 0.00	47.30 3.18 0.00	57.11 4.08 0.00	61.85 4.58 0.00	66.01 4.94 0.00	65.48 4.68 0.00	76.29 5.13 0.00	78.82 5.36 0.00	75.22 4.79 0.00	76.43 5.07 0.00	73.88 4.71 0.00	78.85 5.36 0.00	74.82 4.70 0.00	86.16 5.71 0.00	77.37 5.26 0.00	71.90 4.83 0.00	68.11 4.45 0.00	66.50 4.52 0.00	64.48 4.33 0.00	60.12 3.99 0.00
GROVEVILLE___HYD 323602	47.70 2.36 0.00	43.43 2.03 0.00	41.09 1.88 0.00	39.69 1.85 0.00	40.85 1.95 0.00	46.37 2.25 0.00	55.99 2.97 0.00	61.22 3.95 0.00	65.59 4.52 0.00	65.30 4.50 0.00	76.72 5.55 0.00	79.19 5.73 0.00	75.78 5.35 0.00	76.79 5.42 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.80 5.68 0.00	87.04 6.60 0.00	78.17 6.06 0.00	72.63 5.57 0.00	69.13 5.47 0.00	67.25 5.27 0.00	65.08 4.93 0.00	60.62 4.49 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	44.57 -0.77 0.00	40.62 -0.79 0.00	38.47 -0.75 0.00	37.08 -0.76 0.00	38.20 -0.70 0.00	43.37 -0.75 0.00	52.18 -0.85 0.00	56.69 -0.57 0.00	60.33 -0.73 0.00	60.13 -0.67 0.00	70.24 -0.93 0.00	72.51 -0.96 0.00	69.44 -0.99 0.00	70.37 -1.00 0.00	68.20 -0.97 0.00	72.39 -1.10 0.00	69.07 -1.05 0.00	79.48 -0.97 0.00	71.10 -1.01 0.00	66.06 -1.01 0.00	62.64 -1.02 0.00	60.92 -1.05 0.00	59.19 -0.96 0.00	55.29 -0.84 0.00

HAMLTNNY_34_KV_TB 80303	44.52 -0.82 0.00	40.57 -0.83 0.00	38.43 -0.78 0.00	37.04 -0.79 0.00	38.20 -0.70 0.00	43.33 -0.79 0.00	52.12 -0.90 0.00	56.69 -0.57 0.00	60.27 -0.79 0.00	60.07 -0.73 0.00	70.10 -1.07 0.00	72.36 -1.10 0.00	69.30 -1.13 0.00	70.22 -1.14 0.00	68.14 -1.04 0.00	72.24 -1.25 0.00	68.93 -1.19 0.00	79.40 -1.05 0.00	70.96 -1.15 0.00	65.92 -1.14 0.00	62.51 -1.15 0.00	60.80 -1.18 0.00	59.07 -1.08 0.00	55.18 -0.95 0.00
HAMPSHIRE___PAPER_HYD 323593	45.97 0.63 0.00	41.90 0.50 0.00	39.72 0.51 0.00	40.60 2.76 0.00	41.71 2.80 0.00	44.96 0.84 0.00	54.72 1.70 0.00	59.38 2.12 0.00	63.14 2.08 0.00	62.50 1.70 0.00	72.59 1.42 0.00	74.63 1.17 0.00	71.41 0.99 0.00	72.36 1.00 0.00	70.42 1.25 0.00	73.56 0.07 0.00	70.54 0.42 0.00	80.20 -0.24 0.00	71.53 -0.58 0.00	66.53 -0.54 0.00	63.08 -0.57 0.00	61.36 -0.62 0.00	59.67 -0.48 0.00	55.29 -0.84 0.00
HARDSCRABBLE_WT_PWR 323673	45.39 0.05 0.00	41.36 -0.04 0.00	39.09 -0.12 0.00	37.61 -0.23 0.00	38.55 -0.35 0.00	43.68 -0.44 0.00	52.55 -0.48 0.00	56.87 -0.40 0.00	60.58 -0.49 0.00	60.38 -0.42 0.00	70.74 -0.42 0.00	73.32 -0.15 0.00	70.35 -0.07 0.00	71.36 0.00 0.00	69.24 0.07 0.00	73.56 0.07 0.00	70.26 0.14 0.00	80.69 0.24 0.00	72.33 0.22 0.00	67.33 0.27 0.00	63.91 0.26 0.00	62.35 0.37 0.00	60.51 0.36 0.00	56.47 0.34 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.02 1.68 0.00	42.77 1.37 0.00	40.51 1.29 0.00	39.16 1.32 0.00	40.30 1.40 0.00	45.71 1.59 0.00	55.15 2.12 0.00	60.30 3.04 0.00	64.55 3.48 0.00	64.33 3.53 0.00	75.58 4.41 0.00	78.02 4.55 0.00	74.72 4.30 0.00	75.72 4.35 0.00	73.53 4.36 0.00	78.41 4.92 0.00	74.75 4.63 0.00	85.75 5.31 0.00	77.01 4.90 0.00	71.56 4.49 0.00	68.11 4.46 0.00	66.25 4.28 0.00	64.12 3.97 0.00	59.73 3.59 0.00
HARSNRAD_115KV_TB1 81005	43.07 -2.27 0.00	39.21 -2.19 0.00	37.17 -2.04 0.00	35.94 -1.89 0.00	37.23 -1.67 0.00	42.05 -2.07 0.00	49.15 -3.87 0.00	52.40 -4.87 0.00	55.75 -5.31 0.00	55.15 -5.65 0.00	63.48 -7.69 0.00	65.16 -8.30 0.00	62.47 -7.96 0.00	63.44 -7.92 0.00	61.36 -7.82 0.00	64.52 -8.97 0.00	61.56 -8.55 0.00	71.11 -9.33 0.00	63.02 -9.09 0.00	58.28 -8.79 0.00	55.32 -8.34 0.00	54.11 -7.87 0.00	53.89 -6.26 0.00	51.98 -4.15 0.00
HARZA MOOSE___RIVER 24016	46.29 0.95 0.00	42.89 1.49 0.00	40.62 1.41 0.00	38.48 0.64 0.00	39.60 0.70 0.00	45.18 1.06 0.00	54.72 1.70 0.00	59.61 2.35 0.00	63.45 2.38 0.00	63.05 2.25 0.00	73.30 2.13 0.00	75.67 2.20 0.00	72.33 1.90 0.00	73.22 1.86 0.00	71.25 2.08 0.00	75.40 1.91 0.00	72.15 2.03 0.00	82.62 2.17 0.00	73.84 1.73 0.00	68.61 1.54 0.00	64.93 1.27 0.00	63.22 1.24 0.00	61.29 1.14 0.00	56.75 0.62 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.48 -0.86 0.00	40.53 -0.87 0.00	38.39 -0.82 0.00	37.00 -0.83 0.00	38.17 -0.74 0.00	43.28 -0.84 0.00	51.96 -1.06 0.00	56.46 -0.80 0.00	60.15 -0.92 0.00	59.89 -0.91 0.00	69.95 -1.21 0.00	72.21 -1.25 0.00	69.16 -1.27 0.00	70.08 -1.28 0.00	67.93 -1.25 0.00	72.09 -1.40 0.00	68.79 -1.33 0.00	79.08 -1.37 0.00	70.74 -1.37 0.00	65.72 -1.34 0.00	62.32 -1.34 0.00	60.68 -1.30 0.00	58.95 -1.20 0.00	55.12 -1.01 0.00
HELLGATE_13_KV_LD 55870	47.43 2.09 0.00	43.14 1.74 0.00	40.78 1.57 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.57 2.55 0.00	60.82 3.55 0.00	65.10 4.03 0.00	65.00 4.20 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	86.88 6.44 0.00	78.24 6.13 0.00	72.70 5.63 0.00	69.26 5.60 0.00	67.62 5.64 0.00	65.38 5.23 0.00	60.68 4.55 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.43 2.09 0.00	43.14 1.74 0.00	40.78 1.57 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.57 2.55 0.00	60.82 3.55 0.00	65.10 4.03 0.00	65.00 4.20 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	86.88 6.44 0.00	78.24 6.13 0.00	72.70 5.63 0.00	69.26 5.60 0.00	67.62 5.64 0.00	65.38 5.23 0.00	60.68 4.55 0.00
HEMPSTEAD____ 23647	48.03 2.67 -0.01	43.85 2.44 0.00	41.29 2.08 0.00	39.76 1.93 0.00	41.12 2.22 0.00	46.74 2.60 -0.01	57.81 3.34 -1.44	66.02 4.41 -4.35	66.02 4.94 -0.01	65.74 4.92 -0.01	78.54 5.98 -1.40	79.72 6.24 -0.02	77.76 5.84 -1.49	81.55 5.85 -4.34	79.50 5.88 -4.45	86.14 6.54 -6.11	94.29 6.10 -18.07	97.67 7.08 -10.14	94.78 6.56 -16.11	91.72 6.10 -18.56	77.57 5.98 -7.94	76.49 5.82 -8.69	65.76 5.59 -0.01	62.41 4.88 -1.40
HEWLETT_69_KV_BK3 55828	48.53 3.17 -0.02	44.14 2.73 0.00	41.64 2.43 0.00	40.26 2.42 0.00	41.63 2.72 0.00	47.27 3.13 -0.02	58.57 3.92 -1.62	67.42 5.27 -4.89	66.82 5.74 -0.01	66.59 5.78 -0.01	79.71 6.97 -1.57	80.68 7.20 -0.02	78.93 6.83 -1.68	83.17 6.92 -4.88	81.03 6.85 -5.01	87.94 7.57 -6.88	97.55 7.08 -20.35	99.98 8.12 -11.41	97.81 7.57 -18.13	95.00 7.04 -20.89	79.53 6.94 -8.93	78.52 6.76 -9.78	66.54 6.38 -0.01	63.20 5.50 -1.57
HICKLING___1 23621	45.34 0.00 0.00	41.20 -0.21 0.00	39.06 -0.16 0.00	37.68 -0.15 0.00	39.02 0.12 0.00	44.12 0.00 0.00	52.60 -0.42 0.00	57.09 -0.17 0.00	60.58 -0.49 0.00	60.25 -0.55 0.00	69.95 -1.21 0.00	71.99 -1.47 0.00	68.95 -1.48 0.00	69.94 -1.43 0.00	67.86 -1.31 0.00	71.80 -1.69 0.00	68.58 -1.54 0.00	79.24 -1.21 0.00	70.52 -1.59 0.00	65.39 -1.68 0.00	61.87 -1.78 0.00	60.24 -1.74 0.00	58.83 -1.32 0.00	55.74 -0.39 0.00
HICKLING___2 23622	45.34 0.00 0.00	41.20 -0.21 0.00	39.06 -0.16 0.00	37.68 -0.15 0.00	39.02 0.12 0.00	44.12 0.00 0.00	52.60 -0.42 0.00	57.09 -0.17 0.00	60.58 -0.49 0.00	60.25 -0.55 0.00	69.95 -1.21 0.00	71.99 -1.47 0.00	68.95 -1.48 0.00	69.94 -1.43 0.00	67.86 -1.31 0.00	71.80 -1.69 0.00	68.58 -1.54 0.00	79.24 -1.21 0.00	70.52 -1.59 0.00	65.39 -1.68 0.00	61.87 -1.78 0.00	60.24 -1.74 0.00	58.83 -1.32 0.00	55.74 -0.39 0.00
HIGH FALLS___HY 23754	48.11 2.77 0.00	43.72 2.32 0.00	41.41 2.20 0.00	39.95 2.12 0.00	41.16 2.26 0.00	46.81 2.69 0.00	56.47 3.45 0.00	61.85 4.58 0.00	66.38 5.31 0.00	65.97 5.17 0.00	77.21 6.05 0.00	79.56 6.10 0.00	76.06 5.63 0.00	77.15 5.78 0.00	75.12 5.95 0.00	80.18 6.69 0.00	76.64 6.52 0.00	88.01 7.56 0.00	78.89 6.78 0.00	73.23 6.17 0.00	69.83 6.17 0.00	67.80 5.83 0.00	65.62 5.47 0.00	61.19 5.05 0.00
HIGH_RIVER___SOLAR 323847	47.29 1.95 0.00	43.18 1.78 0.00	40.86 1.65 0.00	39.35 1.52 0.00	40.50 1.60 0.00	46.02 1.90 0.00	55.47 2.44 0.00	60.13 2.86 0.00	64.12 3.05 0.00	63.60 2.80 0.00	74.15 2.99 0.00	76.69 3.23 0.00	73.31 2.89 0.00	74.36 3.00 0.00	72.08 2.90 0.00	77.09 3.60 0.00	73.35 3.23 0.00	84.31 3.86 0.00	75.71 3.60 0.00	70.42 3.35 0.00	66.77 3.12 0.00	65.14 3.16 0.00	63.15 3.01 0.00	58.88 2.75 0.00

HILLBURN___GT 23639	46.83 1.49 0.00	42.73 1.32 0.00	40.47 1.25 0.00	39.01 1.17 0.00	40.15 1.24 0.00	45.57 1.45 0.00	54.99 1.96 0.00	60.24 2.98 0.00	64.42 3.36 0.00	64.20 3.40 0.00	75.43 4.27 0.00	77.94 4.48 0.00	74.65 4.23 0.00	75.50 4.14 0.00	73.46 4.29 0.00	78.20 4.71 0.00	74.61 4.49 0.00	85.60 5.15 0.00	76.94 4.83 0.00	71.49 4.43 0.00	68.04 4.39 0.00	66.19 4.22 0.00	64.06 3.91 0.00	59.62 3.48 0.00
HILLSIDE_115KV_TB1 80332	44.75 -0.59 0.00	40.70 -0.70 0.00	38.58 -0.63 0.00	37.23 -0.61 0.00	38.52 -0.39 0.00	43.59 -0.53 0.00	51.96 -1.06 0.00	56.29 -0.97 0.00	59.72 -1.34 0.00	59.40 -1.40 0.00	69.10 -2.06 0.00	71.11 -2.35 0.00	68.10 -2.32 0.00	69.01 -2.36 0.00	66.96 -2.21 0.00	70.92 -2.57 0.00	67.73 -2.38 0.00	78.19 -2.25 0.00	69.66 -2.45 0.00	64.58 -2.48 0.00	61.17 -2.48 0.00	59.56 -2.42 0.00	58.10 -2.05 0.00	55.01 -1.12 0.00
HISHELDN_WT_PWR 323625	43.89 -1.45 0.00	39.99 -1.41 0.00	37.88 -1.33 0.00	36.55 -1.29 0.00	37.74 -1.17 0.00	42.75 -1.37 0.00	50.16 -2.86 0.00	54.00 -3.26 0.00	57.46 -3.60 0.00	57.40 -3.40 0.00	65.83 -5.34 0.00	67.51 -5.95 0.00	64.72 -5.70 0.00	65.65 -5.71 0.00	63.64 -5.54 0.00	67.10 -6.39 0.00	64.02 -6.10 0.00	74.17 -6.27 0.00	65.69 -6.42 0.00	60.76 -6.31 0.00	57.61 -6.05 0.00	56.22 -5.76 0.00	55.76 -4.39 0.00	53.10 -3.03 0.00
HOLTSVILLE_IC_1 23690	48.98 3.63 -0.01	44.63 3.23 0.00	41.96 2.74 0.00	40.41 2.57 0.00	41.90 3.00 0.00	47.66 3.53 -0.01	59.37 4.56 -1.78	68.55 5.90 -5.39	67.37 6.29 -0.01	66.89 6.08 -0.01	80.43 7.54 -1.73	81.19 7.71 -0.02	79.60 7.32 -1.85	84.09 7.35 -5.37	82.16 7.47 -5.51	89.22 8.16 -7.57	100.31 7.78 -22.41	102.10 9.09 -12.57	100.36 8.29 -19.97	97.71 7.64 -23.00	81.00 7.51 -9.84	80.12 7.37 -10.77	67.31 7.15 -0.01	64.09 6.23 -1.72
HOLTSVILLE_IC_10 23699	49.25 3.90 -0.01	44.84 3.43 0.00	42.15 2.94 0.00	40.60 2.76 0.00	42.10 3.19 0.00	47.92 3.79 -0.01	59.73 4.93 -1.78	68.94 6.30 -5.37	67.79 6.72 -0.01	67.32 6.51 -0.01	80.93 8.04 -1.72	81.63 8.15 -0.02	80.01 7.75 -1.84	84.64 7.92 -5.36	82.69 8.02 -5.50	89.78 8.74 -7.55	100.80 8.34 -22.34	102.71 9.73 -12.53	100.89 8.87 -19.91	98.18 8.18 -22.94	81.48 8.02 -9.81	80.53 7.81 -10.74	67.68 7.52 -0.01	64.47 6.62 -1.72
HOLTSVILLE_IC_2 23691	48.98 3.63 -0.01	44.63 3.23 0.00	41.96 2.74 0.00	40.41 2.57 0.00	41.90 3.00 0.00	47.66 3.53 -0.01	59.37 4.56 -1.78	68.55 5.90 -5.39	67.37 6.29 -0.01	66.89 6.08 -0.01	80.43 7.54 -1.73	81.19 7.71 -0.02	79.60 7.32 -1.85	84.09 7.35 -5.37	82.16 7.47 -5.51	89.22 8.16 -7.57	100.31 7.78 -22.41	102.10 9.09 -12.57	100.36 8.29 -19.97	97.71 7.64 -23.00	81.00 7.51 -9.84	80.12 7.37 -10.77	67.31 7.15 -0.01	64.09 6.23 -1.72
HOLTSVILLE_IC_3 23692	48.98 3.63 -0.01	44.63 3.23 0.00	41.96 2.74 0.00	40.41 2.57 0.00	41.90 3.00 0.00	47.66 3.53 -0.01	59.37 4.56 -1.78	68.55 5.90 -5.39	67.37 6.29 -0.01	66.89 6.08 -0.01	80.43 7.54 -1.73	81.19 7.71 -0.02	79.60 7.32 -1.85	84.09 7.35 -5.37	82.16 7.47 -5.51	89.22 8.16 -7.57	100.31 7.78 -22.41	102.10 9.09 -12.57	100.36 8.29 -19.97	97.71 7.64 -23.00	81.00 7.51 -9.84	80.12 7.37 -10.77	67.31 7.15 -0.01	64.09 6.23 -1.72
HOLTSVILLE_IC_4 23693	48.98 3.63 -0.01	44.63 3.23 0.00	41.96 2.74 0.00	40.41 2.57 0.00	41.90 3.00 0.00	47.66 3.53 -0.01	59.37 4.56 -1.78	68.55 5.90 -5.39	67.37 6.29 -0.01	66.89 6.08 -0.01	80.43 7.54 -1.73	81.19 7.71 -0.02	79.60 7.32 -1.85	84.09 7.35 -5.37	82.16 7.47 -5.51	89.22 8.16 -7.57	100.31 7.78 -22.41	102.10 9.09 -12.57	100.36 8.29 -19.97	97.71 7.64 -23.00	81.00 7.51 -9.84	80.12 7.37 -10.77	67.31 7.15 -0.01	64.09 6.23 -1.72
HOLTSVILLE_IC_5 23694	48.98 3.63 -0.01	44.63 3.23 0.00	41.96 2.74 0.00	40.41 2.57 0.00	41.90 3.00 0.00	47.66 3.53 -0.01	59.37 4.56 -1.78	68.55 5.90 -5.39	67.37 6.29 -0.01	66.89 6.08 -0.01	80.43 7.54 -1.73	81.19 7.71 -0.02	79.60 7.32 -1.85	84.09 7.35 -5.37	82.16 7.47 -5.51	89.22 8.16 -7.57	100.31 7.78 -22.41	102.10 9.09 -12.57	100.36 8.29 -19.97	97.71 7.64 -23.00	81.00 7.51 -9.84	80.12 7.37 -10.77	67.31 7.15 -0.01	64.09 6.23 -1.72
HOLTSVILLE_IC_6 23695	49.25 3.90 -0.01	44.84 3.43 0.00	42.15 2.94 0.00	40.60 2.76 0.00	42.10 3.19 0.00	47.92 3.79 -0.01	59.73 4.93 -1.78	68.94 6.30 -5.37	67.79 6.72 -0.01	67.32 6.51 -0.01	80.93 8.04 -1.72	81.63 8.15 -0.02	80.01 7.75 -1.84	84.64 7.92 -5.36	82.69 8.02 -5.50	89.78 8.74 -7.55	100.80 8.34 -22.34	102.71 9.73 -12.53	100.89 8.87 -19.91	98.18 8.18 -22.94	81.48 8.02 -9.81	80.53 7.81 -10.74	67.68 7.52 -0.01	64.47 6.62 -1.72
HOLTSVILLE_IC_7 23696	49.25 3.90 -0.01	44.84 3.43 0.00	42.15 2.94 0.00	40.60 2.76 0.00	42.10 3.19 0.00	47.92 3.79 -0.01	59.73 4.93 -1.78	68.94 6.30 -5.37	67.79 6.72 -0.01	67.32 6.51 -0.01	80.93 8.04 -1.72	81.63 8.15 -0.02	80.01 7.75 -1.84	84.64 7.92 -5.36	82.69 8.02 -5.50	89.78 8.74 -7.55	100.80 8.34 -22.34	102.71 9.73 -12.53	100.89 8.87 -19.91	98.18 8.18 -22.94	81.48 8.02 -9.81	80.53 7.81 -10.74	67.68 7.52 -0.01	64.47 6.62 -1.72
HOLTSVILLE_IC_8 23697	49.25 3.90 -0.01	44.84 3.43 0.00	42.15 2.94 0.00	40.60 2.76 0.00	42.10 3.19 0.00	47.92 3.79 -0.01	59.73 4.93 -1.78	68.94 6.30 -5.37	67.79 6.72 -0.01	67.32 6.51 -0.01	80.93 8.04 -1.72	81.63 8.15 -0.02	80.01 7.75 -1.84	84.64 7.92 -5.36	82.69 8.02 -5.50	89.78 8.74 -7.55	100.80 8.34 -22.34	102.71 9.73 -12.53	100.89 8.87 -19.91	98.18 8.18 -22.94	81.48 8.02 -9.81	80.53 7.81 -10.74	67.68 7.52 -0.01	64.47 6.62 -1.72
HOLTSVILLE_IC_9 23698	49.25 3.90 -0.01	44.84 3.43 0.00	42.15 2.94 0.00	40.60 2.76 0.00	42.10 3.19 0.00	47.92 3.79 -0.01	59.73 4.93 -1.78	68.94 6.30 -5.37	67.79 6.72 -0.01	67.32 6.51 -0.01	80.93 8.04 -1.72	81.63 8.15 -0.02	80.01 7.75 -1.84	84.64 7.92 -5.36	82.69 8.02 -5.50	89.78 8.74 -7.55	100.80 8.34 -22.34	102.71 9.73 -12.53	100.89 8.87 -19.91	98.18 8.18 -22.94	81.48 8.02 -9.81	80.53 7.81 -10.74	67.68 7.52 -0.01	64.47 6.62 -1.72
HOMER_HL_115KV_TB2 355744	44.66 -0.68 0.00	40.57 -0.83 0.00	38.51 -0.71 0.00	37.23 -0.61 0.00	38.63 -0.27 0.00	43.55 -0.57 0.00	51.22 -1.80 0.00	55.15 -2.12 0.00	58.38 -2.69 0.00	57.88 -2.92 0.00	66.97 -4.20 0.00	68.69 -4.78 0.00	65.85 -4.58 0.00	66.80 -4.57 0.00	64.68 -4.50 0.00	68.20 -5.29 0.00	65.56 -4.56 0.00	75.86 -4.59 0.00	67.35 -4.76 0.00	62.30 -4.76 0.00	58.94 -4.71 0.00	57.52 -4.46 0.00	56.78 -3.37 0.00	54.45 -1.68 0.00
HOWARD_WT_PWR 323690	45.75 0.41 0.00	41.57 0.17 0.00	39.37 0.16 0.00	37.95 0.11 0.00	39.21 0.31 0.00	44.43 0.31 0.00	52.76 -0.26 0.00	57.15 -0.11 0.00	60.58 -0.49 0.00	60.50 -0.30 0.00	69.81 -1.35 0.00	71.78 -1.69 0.00	68.67 -1.76 0.00	69.73 -1.64 0.00	67.65 -1.52 0.00	71.58 -1.91 0.00	68.51 -1.61 0.00	79.24 -1.20 0.00	70.45 -1.66 0.00	65.12 -1.95 0.00	61.55 -2.10 0.00	59.62 -2.36 0.00	58.47 -1.68 0.00	55.29 -0.84 0.00

HQ_GEN_CEDARS 23644	46.88 1.54 0.00	47.78 6.38 0.00	45.33 6.12 0.00	38.93 1.10 0.00	39.92 1.01 0.00	45.93 1.81 0.00	55.89 2.86 0.00	60.36 3.09 0.00	64.12 3.05 0.00	63.29 2.49 0.00	73.58 2.42 0.00	75.59 2.13 0.00	72.47 2.04 0.00	73.29 1.93 0.00	71.46 2.28 0.00	73.93 0.44 0.00	70.96 0.84 0.00	80.20 -0.24 0.00	72.04 -0.07 0.00	66.93 -0.13 0.00	63.65 0.00 0.00	61.85 -0.12 0.00	60.21 0.06 0.00	56.13 0.00 0.00
HQ_GEN_CEDARS_PROXY 323590	46.88 1.54 0.00	42.77 1.36 0.00	40.55 1.33 0.00	43.51 5.67 0.00	44.66 5.76 0.00	45.93 1.81 0.00	55.89 2.86 0.00	60.36 3.09 0.00	64.12 3.05 0.00	63.30 2.49 0.00	73.59 2.42 0.00	75.59 2.13 0.00	72.47 2.04 0.00	73.58 2.21 0.00	71.45 2.28 0.00	73.93 0.44 0.00	70.96 0.84 0.00	80.20 -0.24 0.00	72.04 -0.07 0.00	66.93 -0.13 0.00	63.65 0.00 0.00	61.85 -0.12 0.00	60.21 0.06 0.00	56.13 0.00 0.00
HQ_GEN_IMPORT 323601	45.61 0.27 0.00	41.69 0.29 0.00	39.49 0.28 0.00	38.18 0.34 0.00	39.21 0.31 0.00	44.39 0.27 0.00	54.60 0.27 -1.31	55.61 -0.34 1.31	60.70 -0.36 0.00	60.31 -0.49 0.00	70.59 -0.57 0.00	72.80 -0.66 0.00	69.94 -0.49 0.00	70.94 -0.43 0.00	68.62 -0.56 0.00	72.90 -0.59 0.00	69.70 -0.42 0.00	79.72 -0.73 0.00	71.46 -0.65 0.00	66.46 -0.60 0.00	63.14 -0.51 0.00	61.42 -0.56 0.00	59.61 -0.54 0.00	55.63 -0.51 0.00
HQ_GEN_WHEEL 23651	45.61 0.27 0.00	41.69 0.29 0.00	39.49 0.28 0.00	38.18 0.34 0.00	39.21 0.31 0.00	44.39 0.27 0.00	54.60 0.27 -1.31	55.61 -0.34 1.31	60.70 -0.36 0.00	60.31 -0.49 0.00	70.59 -0.57 0.00	72.80 -0.66 0.00	69.94 -0.49 0.00	70.94 -0.43 0.00	68.62 -0.56 0.00	72.90 -0.59 0.00	69.70 -0.42 0.00	79.72 -0.73 0.00	71.46 -0.65 0.00	66.46 -0.60 0.00	63.14 -0.51 0.00	61.42 -0.56 0.00	59.61 -0.54 0.00	55.63 -0.51 0.00
HUDSON AVE_GT_3 23810	47.38 2.04 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.35 1.51 0.00	40.50 1.60 0.00	46.02 1.90 0.00	55.73 2.70 0.00	61.10 3.84 0.00	65.40 4.34 0.00	65.30 4.50 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	87.04 6.60 0.00	78.31 6.20 0.00	72.77 5.70 0.00	69.19 5.54 0.00	67.49 5.52 0.00	65.14 4.99 0.00	60.51 4.38 0.00
HUDSON AVE_GT_4 23540	47.38 2.04 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.35 1.51 0.00	40.50 1.60 0.00	46.02 1.90 0.00	55.73 2.70 0.00	61.10 3.84 0.00	65.40 4.34 0.00	65.30 4.50 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	87.04 6.60 0.00	78.31 6.20 0.00	72.77 5.70 0.00	69.19 5.54 0.00	67.49 5.52 0.00	65.14 4.99 0.00	60.51 4.38 0.00
HUDSON AVE_GT_5 23657	47.38 2.04 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.35 1.51 0.00	40.50 1.60 0.00	46.02 1.90 0.00	55.73 2.70 0.00	61.10 3.84 0.00	65.40 4.34 0.00	65.30 4.50 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	87.04 6.60 0.00	78.31 6.20 0.00	72.77 5.70 0.00	69.19 5.54 0.00	67.49 5.52 0.00	65.14 4.99 0.00	60.51 4.38 0.00
HUDSON_AVE_10 24168	47.24 1.90 0.00	42.93 1.53 0.00	40.58 1.37 0.00	39.20 1.36 0.00	40.38 1.48 0.00	45.89 1.76 0.00	55.57 2.55 0.00	60.93 3.66 0.00	65.22 4.15 0.00	65.12 4.32 0.00	76.50 5.34 0.00	79.05 5.58 0.00	75.71 5.28 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.96 6.52 0.00	78.17 6.06 0.00	72.63 5.57 0.00	69.06 5.41 0.00	67.31 5.33 0.00	65.02 4.87 0.00	60.34 4.21 0.00
HUDSON___115KV_TB 4 355613	47.15 1.81 0.00	42.98 1.57 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.38 1.48 0.00	45.84 1.72 0.00	55.30 2.28 0.00	59.73 2.46 0.00	63.82 2.75 0.00	63.54 2.74 0.00	74.72 3.56 0.00	77.14 3.67 0.00	73.81 3.38 0.00	74.86 3.50 0.00	72.56 3.39 0.00	77.46 3.97 0.00	73.48 3.37 0.00	84.47 4.02 0.00	75.72 3.61 0.00	70.42 3.35 0.00	66.84 3.18 0.00	65.20 3.22 0.00	63.22 3.07 0.00	59.05 2.92 0.00
HUNTER MOUNT___DRP 323613	47.47 2.13 0.00	43.31 1.90 0.00	41.02 1.80 0.00	39.61 1.78 0.00	40.62 1.71 0.00	46.19 2.07 0.00	55.68 2.65 0.00	60.13 2.86 0.00	64.30 3.24 0.00	63.96 3.16 0.00	75.15 3.99 0.00	77.50 4.04 0.00	74.16 3.73 0.00	75.22 3.85 0.00	72.91 3.74 0.00	77.90 4.41 0.00	73.97 3.86 0.00	85.03 4.59 0.00	76.15 4.04 0.00	70.75 3.69 0.00	67.22 3.56 0.00	65.51 3.53 0.00	63.58 3.43 0.00	59.50 3.37 0.00
HUNTINGTON_RES_REC 323705	48.70 3.36 -0.01	44.38 2.98 0.00	41.76 2.55 0.00	40.22 2.39 0.00	41.67 2.76 0.00	47.39 3.26 -0.01	59.04 4.24 -1.77	68.18 5.55 -5.36	67.18 6.11 -0.01	66.77 5.96 -0.01	80.07 7.18 -1.72	80.83 7.35 -0.02	79.24 6.97 -1.84	83.71 7.00 -5.35	81.79 7.13 -5.49	88.81 7.79 -7.54	99.65 7.22 -22.30	101.32 8.37 -12.51	99.70 7.72 -19.87	97.27 7.31 -22.90	80.70 7.25 -9.79	79.76 7.06 -10.72	66.89 6.74 -0.01	63.63 5.78 -1.72
HUNTLEY___63 23557	43.39 -1.95 0.00	39.50 -1.90 0.00	37.49 -1.73 0.00	36.21 -1.63 0.00	37.50 -1.40 0.00	42.36 -1.76 0.00	49.42 -3.61 0.00	53.03 -4.24 0.00	56.55 -4.52 0.00	55.88 -4.92 0.00	64.40 -6.76 0.00	66.04 -7.42 0.00	63.31 -7.11 0.00	64.30 -7.07 0.00	62.19 -6.99 0.00	65.33 -8.16 0.00	62.41 -7.71 0.00	72.24 -8.21 0.00	64.03 -8.08 0.00	59.15 -7.91 0.00	56.21 -7.45 0.00	54.97 -7.00 0.00	54.74 -5.41 0.00	52.43 -3.70 0.00
HUNTLEY___64 23558	43.39 -1.95 0.00	39.50 -1.90 0.00	37.49 -1.73 0.00	36.21 -1.63 0.00	37.50 -1.40 0.00	42.36 -1.76 0.00	49.42 -3.61 0.00	53.03 -4.24 0.00	56.55 -4.52 0.00	55.88 -4.92 0.00	64.40 -6.76 0.00	66.04 -7.42 0.00	63.31 -7.11 0.00	64.30 -7.07 0.00	62.19 -6.99 0.00	65.33 -8.16 0.00	62.41 -7.71 0.00	72.24 -8.21 0.00	64.03 -8.08 0.00	59.15 -7.91 0.00	56.21 -7.45 0.00	54.97 -7.00 0.00	54.74 -5.41 0.00	52.43 -3.70 0.00
HUNTLEY___65 23559	43.39 -1.95 0.00	39.50 -1.90 0.00	37.49 -1.73 0.00	36.21 -1.63 0.00	37.50 -1.40 0.00	42.36 -1.76 0.00	49.42 -3.61 0.00	53.03 -4.24 0.00	56.55 -4.52 0.00	55.88 -4.92 0.00	64.40 -6.76 0.00	66.04 -7.42 0.00	63.31 -7.11 0.00	64.30 -7.07 0.00	62.19 -6.99 0.00	65.33 -8.16 0.00	62.41 -7.71 0.00	72.24 -8.21 0.00	64.03 -8.08 0.00	59.15 -7.91 0.00	56.21 -7.45 0.00	54.97 -7.00 0.00	54.74 -5.41 0.00	52.43 -3.70 0.00
HUNTLEY___66 23560	43.39 -1.95 0.00	39.50 -1.90 0.00	37.49 -1.73 0.00	36.21 -1.63 0.00	37.50 -1.40 0.00	42.36 -1.76 0.00	49.42 -3.61 0.00	53.03 -4.24 0.00	56.55 -4.52 0.00	55.88 -4.92 0.00	64.40 -6.76 0.00	66.04 -7.42 0.00	63.31 -7.11 0.00	64.30 -7.07 0.00	62.19 -6.99 0.00	65.33 -8.16 0.00	62.41 -7.71 0.00	72.24 -8.21 0.00	64.03 -8.08 0.00	59.15 -7.91 0.00	56.21 -7.45 0.00	54.97 -7.00 0.00	54.74 -5.41 0.00	52.43 -3.70 0.00

HUNTLEY___67 23561	43.03 -2.31 0.00	39.17 -2.24 0.00	37.17 -2.04 0.00	35.91 -1.93 0.00	37.19 -1.71 0.00	42.00 -2.12 0.00	49.10 -3.92 0.00	52.74 -4.52 0.00	56.18 -4.89 0.00	55.57 -5.23 0.00	64.05 -7.12 0.00	65.75 -7.71 0.00	63.03 -7.39 0.00	63.94 -7.42 0.00	61.91 -7.26 0.00	65.04 -8.45 0.00	62.12 -7.99 0.00	72.08 -8.37 0.00	63.89 -8.22 0.00	59.08 -7.98 0.00	56.08 -7.57 0.00	54.85 -7.13 0.00	54.62 -5.53 0.00	52.26 -3.87 0.00
HUNTLEY___68 23562	43.03 -2.31 0.00	39.17 -2.24 0.00	37.17 -2.04 0.00	35.91 -1.93 0.00	37.19 -1.71 0.00	42.00 -2.12 0.00	49.10 -3.92 0.00	52.74 -4.52 0.00	56.18 -4.89 0.00	55.57 -5.23 0.00	64.05 -7.12 0.00	65.75 -7.71 0.00	63.03 -7.39 0.00	63.94 -7.42 0.00	61.91 -7.26 0.00	65.04 -8.45 0.00	62.12 -7.99 0.00	72.08 -8.37 0.00	63.89 -8.22 0.00	59.08 -7.98 0.00	56.08 -7.57 0.00	54.85 -7.13 0.00	54.62 -5.53 0.00	52.26 -3.87 0.00
HYLAND___LFGE 323620	46.43 1.09 0.00	42.27 0.87 0.00	40.00 0.78 0.00	38.55 0.72 0.00	39.84 0.93 0.00	45.22 1.10 0.00	53.98 0.96 0.00	57.09 -0.17 0.00	60.27 -0.80 0.00	59.95 -0.85 0.00	68.61 -2.56 0.00	70.45 -3.02 0.00	67.26 -3.17 0.00	68.44 -2.93 0.00	66.54 -2.63 0.00	70.47 -3.02 0.00	68.02 -2.10 0.00	78.75 -1.69 0.00	70.24 -1.88 0.00	65.12 -1.95 0.00	61.55 -2.10 0.00	59.62 -2.36 0.00	58.40 -1.75 0.00	54.79 -1.35 0.00
INDECK___CORINTH 23802	46.97 1.63 0.00	42.98 1.57 0.00	40.62 1.41 0.00	39.08 1.25 0.00	40.19 1.28 0.00	45.27 1.15 0.00	54.83 1.80 0.00	59.32 2.06 0.00	63.51 2.45 0.00	63.41 2.61 0.00	74.01 2.85 0.00	76.84 3.38 0.00	73.31 2.89 0.00	74.36 3.00 0.00	71.66 2.49 0.00	76.58 3.09 0.00	72.15 2.03 0.00	82.94 2.50 0.00	74.20 2.09 0.00	68.88 1.81 0.00	65.31 1.65 0.00	63.78 1.80 0.00	62.07 1.92 0.00	57.88 1.74 0.00
INDECK___ILION 23567	45.52 0.18 0.00	41.53 0.12 0.00	39.29 0.08 0.00	37.87 0.04 0.00	38.90 0.00 0.00	44.12 0.00 0.00	53.08 0.05 0.00	57.49 0.23 0.00	61.31 0.24 0.00	61.11 0.30 0.00	71.45 0.28 0.00	73.98 0.51 0.00	70.85 0.42 0.00	71.86 0.50 0.00	69.73 0.55 0.00	74.08 0.59 0.00	70.68 0.56 0.00	81.09 0.64 0.00	72.69 0.58 0.00	67.67 0.60 0.00	64.16 0.51 0.00	62.54 0.56 0.00	60.69 0.54 0.00	56.58 0.45 0.00
INDECK___OLEAN 23982	44.66 -0.68 0.00	40.61 -0.79 0.00	38.55 -0.67 0.00	37.19 -0.64 0.00	38.52 -0.39 0.00	43.55 -0.57 0.00	51.22 -1.80 0.00	55.09 -2.18 0.00	58.44 -2.62 0.00	58.19 -2.61 0.00	67.04 -4.13 0.00	68.69 -4.77 0.00	65.85 -4.58 0.00	66.80 -4.57 0.00	64.68 -4.50 0.00	68.20 -5.29 0.00	65.56 -4.56 0.00	75.86 -4.58 0.00	67.35 -4.76 0.00	62.30 -4.76 0.00	58.94 -4.71 0.00	57.46 -4.52 0.00	56.78 -3.37 0.00	54.39 -1.74 0.00
INDECK___OSWEGO 23783	43.75 -1.59 0.00	39.91 -1.49 0.00	37.80 -1.41 0.00	36.48 -1.36 0.00	37.54 -1.36 0.00	42.57 -1.55 0.00	51.22 -1.80 0.00	55.66 -1.60 0.00	58.75 -2.32 0.00	58.55 -2.25 0.00	68.32 -2.85 0.00	70.52 -2.94 0.00	67.47 -2.96 0.00	68.37 -2.99 0.00	66.33 -2.84 0.00	70.41 -3.08 0.00	67.18 -2.94 0.00	77.22 -3.22 0.00	69.08 -3.03 0.00	64.25 -2.81 0.00	60.98 -2.67 0.00	59.87 -2.11 0.00	58.10 -2.05 0.00	54.23 -1.91 0.00
INDECK___YERKES 23781	43.44 -1.90 0.00	39.62 -1.78 0.00	37.60 -1.61 0.00	36.21 -1.63 0.00	37.43 -1.48 0.00	42.40 -1.72 0.00	49.47 -3.55 0.00	53.09 -4.18 0.00	56.61 -4.46 0.00	56.49 -4.32 0.00	64.62 -6.55 0.00	66.12 -7.35 0.00	63.38 -7.04 0.00	64.37 -6.99 0.00	62.32 -6.85 0.00	65.48 -8.01 0.00	62.48 -7.64 0.00	72.32 -8.12 0.00	64.10 -8.01 0.00	59.22 -7.85 0.00	56.27 -7.38 0.00	54.97 -7.00 0.00	54.80 -5.35 0.00	52.37 -3.76 0.00
INDIAN POINT_GT_1 24139	47.02 1.68 0.00	42.77 1.37 0.00	40.47 1.25 0.00	39.16 1.32 0.00	40.30 1.40 0.00	45.71 1.59 0.00	55.20 2.17 0.00	60.47 3.21 0.00	64.67 3.60 0.00	64.51 3.71 0.00	75.79 4.63 0.00	78.31 4.85 0.00	75.00 4.58 0.00	76.00 4.64 0.00	73.81 4.63 0.00	78.63 5.14 0.00	74.96 4.84 0.00	86.00 5.55 0.00	77.30 5.19 0.00	71.89 4.83 0.00	68.36 4.71 0.00	66.56 4.59 0.00	64.36 4.21 0.00	59.84 3.70 0.00
INDIAN POINT_GT_2 23659	47.02 1.68 0.00	42.77 1.37 0.00	40.47 1.25 0.00	39.16 1.32 0.00	40.30 1.40 0.00	45.71 1.59 0.00	55.20 2.17 0.00	60.47 3.21 0.00	64.67 3.60 0.00	64.51 3.71 0.00	75.79 4.63 0.00	78.31 4.85 0.00	75.00 4.58 0.00	76.00 4.64 0.00	73.81 4.63 0.00	78.63 5.14 0.00	74.96 4.84 0.00	86.00 5.55 0.00	77.30 5.19 0.00	71.89 4.83 0.00	68.36 4.71 0.00	66.56 4.59 0.00	64.36 4.21 0.00	59.84 3.70 0.00
INDIAN POINT_GT_3 24019	47.02 1.68 0.00	42.77 1.37 0.00	40.47 1.25 0.00	39.16 1.32 0.00	40.30 1.40 0.00	45.71 1.59 0.00	55.20 2.17 0.00	60.47 3.21 0.00	64.67 3.60 0.00	64.51 3.71 0.00	75.79 4.63 0.00	78.31 4.85 0.00	75.00 4.58 0.00	76.00 4.64 0.00	73.81 4.63 0.00	78.63 5.14 0.00	74.96 4.84 0.00	86.00 5.55 0.00	77.30 5.19 0.00	71.89 4.83 0.00	68.36 4.71 0.00	66.56 4.59 0.00	64.36 4.21 0.00	59.84 3.70 0.00
INDIAN POINT___2 23530	46.88 1.54 0.00	42.77 1.36 0.00	40.50 1.29 0.00	39.01 1.17 0.00	40.19 1.28 0.00	45.62 1.50 0.00	55.09 2.07 0.00	60.30 3.03 0.00	64.48 3.42 0.00	64.27 3.46 0.00	75.58 4.41 0.00	78.09 4.63 0.00	74.79 4.37 0.00	75.65 4.28 0.00	73.60 4.43 0.00	78.34 4.85 0.00	74.74 4.63 0.00	85.75 5.31 0.00	77.08 4.97 0.00	71.69 4.62 0.00	68.17 4.52 0.00	66.38 4.40 0.00	64.18 4.03 0.00	59.73 3.60 0.00
INDIAN POINT___3 23531	46.93 1.59 0.00	42.69 1.28 0.00	40.43 1.22 0.00	39.08 1.25 0.00	40.27 1.36 0.00	45.62 1.50 0.00	55.09 2.07 0.00	60.30 3.04 0.00	64.49 3.42 0.00	64.33 3.53 0.00	75.58 4.41 0.00	78.09 4.63 0.00	74.79 4.37 0.00	75.79 4.42 0.00	73.60 4.43 0.00	78.41 4.92 0.00	74.75 4.63 0.00	85.75 5.31 0.00	77.09 4.98 0.00	71.69 4.63 0.00	68.17 4.52 0.00	66.44 4.46 0.00	64.18 4.03 0.00	59.73 3.59 0.00
INGHAM_C_115KV_TB7 356103	45.29 -0.05 0.00	41.32 -0.08 0.00	39.06 -0.16 0.00	37.61 -0.23 0.00	38.55 -0.35 0.00	43.72 -0.40 0.00	52.60 -0.42 0.00	56.92 -0.34 0.00	60.64 -0.43 0.00	60.44 -0.36 0.00	70.74 -0.43 0.00	73.32 -0.15 0.00	70.28 -0.14 0.00	71.36 0.00 0.00	69.24 0.07 0.00	73.56 0.07 0.00	70.19 0.07 0.00	80.61 0.16 0.00	72.25 0.14 0.00	67.27 0.20 0.00	63.84 0.19 0.00	62.29 0.31 0.00	60.39 0.24 0.00	56.36 0.22 0.00
IP CORINTH___1 23988	47.24 1.90 0.00	43.18 1.78 0.00	40.78 1.57 0.00	39.35 1.51 0.00	40.42 1.52 0.00	45.53 1.41 0.00	55.15 2.12 0.00	59.61 2.35 0.00	63.82 2.75 0.00	63.72 2.92 0.00	74.44 3.27 0.00	77.28 3.82 0.00	73.73 3.31 0.00	74.79 3.43 0.00	72.01 2.84 0.00	76.94 3.45 0.00	72.50 2.38 0.00	83.42 2.98 0.00	74.56 2.45 0.00	69.28 2.21 0.00	65.63 1.97 0.00	64.15 2.17 0.00	62.43 2.29 0.00	58.21 2.08 0.00

IP__TICONDEROGA 23804	48.65 3.31 0.00	44.51 3.11 0.00	41.96 2.74 0.00	40.41 2.57 0.00	41.55 2.65 0.00	46.99 2.87 0.00	57.05 4.03 0.00	61.62 4.35 0.00	66.14 5.07 0.00	66.09 5.29 0.00	76.93 5.76 0.00	80.15 6.69 0.00	76.27 5.85 0.00	77.36 5.99 0.00	74.22 5.05 0.00	79.52 6.03 0.00	74.47 4.35 0.00	85.67 5.23 0.00	76.65 4.54 0.00	71.09 4.02 0.00	67.28 3.63 0.00	65.88 3.90 0.00	63.82 3.67 0.00	59.56 3.42 0.00
ISLIP_RES_REC 323679	49.43 4.08 -0.01	45.05 3.64 0.00	42.31 3.10 0.00	40.75 2.91 0.00	42.25 3.35 0.00	48.14 4.01 -0.01	60.00 5.20 -1.77	69.21 6.58 -5.36	68.16 7.08 -0.01	67.68 6.87 -0.01	81.35 8.46 -1.72	82.07 8.59 -0.02	80.50 8.24 -1.84	85.06 8.35 -5.35	83.10 8.44 -5.49	90.21 9.19 -7.54	101.18 8.76 -22.30	103.17 10.22 -12.51	101.35 9.37 -19.87	98.55 8.59 -22.90	81.78 8.34 -9.79	80.88 8.18 -10.72	67.97 7.82 -0.01	64.75 6.90 -1.72
JAMAICA__27_KV_LOAD 355505	47.34 1.99 0.00	43.02 1.61 0.00	40.66 1.45 0.00	39.27 1.44 0.00	40.42 1.52 0.00	45.97 1.85 0.00	55.78 2.76 0.00	61.27 4.01 0.00	65.52 4.46 0.00	65.48 4.68 0.00	76.86 5.69 0.00	79.41 5.95 0.00	76.06 5.63 0.00	77.07 5.71 0.00	74.84 5.67 0.00	79.88 6.39 0.00	76.15 6.03 0.00	87.52 7.08 0.00	78.74 6.63 0.00	73.10 6.04 0.00	69.51 5.86 0.00	67.74 5.76 0.00	65.32 5.17 0.00	60.57 4.43 0.00
JANIS__SOLAR 323808	47.70 2.36 0.00	43.39 1.99 0.00	41.06 1.84 0.00	39.50 1.66 0.00	40.69 1.79 0.00	46.37 2.25 0.00	55.99 2.97 0.00	69.63 12.37 0.00	73.52 12.45 0.00	72.97 12.16 0.00	84.05 12.88 0.00	86.02 12.56 0.00	81.62 11.20 0.00	82.71 11.35 0.00	81.49 12.31 0.00	87.08 13.59 0.00	84.42 14.30 0.00	85.67 5.23 0.00	76.44 4.33 0.00	71.02 3.96 0.00	67.15 3.50 0.00	65.32 3.34 0.00	63.27 3.13 0.00	59.11 2.97 0.00
JARVIS____ 23743	45.48 0.14 0.00	41.49 0.08 0.00	39.29 0.08 0.00	37.91 0.08 0.00	38.98 0.08 0.00	44.21 0.09 0.00	53.18 0.16 0.00	57.61 0.35 0.00	61.44 0.37 0.00	61.23 0.43 0.00	71.67 0.50 0.00	74.05 0.58 0.00	70.92 0.50 0.00	71.87 0.50 0.00	69.72 0.55 0.00	74.01 0.52 0.00	70.61 0.49 0.00	81.01 0.57 0.00	72.62 0.51 0.00	67.54 0.47 0.00	64.10 0.45 0.00	62.41 0.44 0.00	60.57 0.42 0.00	56.47 0.34 0.00
JENNISON__1 23625	47.97 2.93 0.00	43.64 2.24 0.00	41.33 2.12 0.00	39.80 1.97 0.00	40.97 2.06 0.00	46.64 2.51 0.00	56.26 3.23 0.00	62.99 5.73 0.00	66.93 5.86 0.00	66.52 5.72 0.00	77.43 6.26 0.00	79.63 6.17 0.00	75.99 5.56 0.00	77.00 5.64 0.00	75.19 6.02 0.00	79.96 6.47 0.00	76.78 6.66 0.00	86.24 5.79 0.00	76.94 4.83 0.00	71.49 4.43 0.00	67.66 4.01 0.00	65.88 3.90 0.00	63.82 3.67 0.00	59.67 3.54 0.00
JENNISON__2 23626	47.97 2.63 0.00	43.64 2.24 0.00	41.33 2.12 0.00	39.80 1.97 0.00	40.97 2.06 0.00	46.64 2.51 0.00	56.26 3.23 0.00	62.99 5.73 0.00	66.93 5.86 0.00	66.52 5.72 0.00	77.43 6.26 0.00	79.63 6.17 0.00	75.99 5.56 0.00	77.00 5.64 0.00	75.19 6.02 0.00	79.96 6.47 0.00	76.78 6.66 0.00	86.24 5.79 0.00	76.94 4.83 0.00	71.49 4.43 0.00	67.66 4.01 0.00	65.88 3.90 0.00	63.82 3.67 0.00	59.67 3.54 0.00
JERICHO_RISE_WT_PWR 323719	46.56 1.22 0.00	42.56 1.16 0.00	40.31 1.10 0.00	39.20 1.36 0.00	40.19 1.28 0.00	45.35 1.23 0.00	54.51 1.48 0.00	57.55 0.29 0.00	61.31 0.25 0.00	60.86 0.06 0.00	71.31 0.14 0.00	73.32 -0.15 0.00	70.78 0.35 0.00	71.93 0.57 0.00	69.45 0.28 0.00	73.27 -0.22 0.00	70.61 0.49 0.00	79.89 -0.56 0.00	72.04 -0.07 0.00	67.13 0.07 0.00	63.85 0.19 0.00	62.04 0.06 0.00	60.21 0.06 0.00	56.19 0.06 0.00
KATONAH__115KV_46KV_TB4 355592	47.56 2.22 0.00	43.22 1.82 0.00	40.94 1.73 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.19 2.07 0.00	55.99 2.97 0.00	61.39 4.12 0.00	65.77 4.70 0.00	65.54 4.74 0.00	76.93 5.76 0.00	79.63 6.17 0.00	76.13 5.70 0.00	77.15 5.78 0.00	74.91 5.74 0.00	79.74 6.25 0.00	75.94 5.82 0.00	87.12 6.68 0.00	78.31 6.20 0.00	72.83 5.77 0.00	69.32 5.67 0.00	67.49 5.52 0.00	65.20 5.05 0.00	60.51 4.38 0.00
KCE_NY_1 323755	47.70 2.36 0.00	43.60 2.19 0.00	41.25 2.04 0.00	39.69 1.85 0.00	40.81 1.91 0.00	46.28 2.16 0.00	55.89 2.86 0.00	60.53 3.26 0.00	64.79 3.73 0.00	64.63 3.83 0.00	75.58 4.41 0.00	78.31 4.85 0.00	74.79 4.37 0.00	75.79 4.43 0.00	73.25 4.08 0.00	78.12 4.63 0.00	73.90 3.78 0.00	84.95 4.50 0.00	75.79 3.68 0.00	70.48 3.42 0.00	66.84 3.18 0.00	65.20 3.22 0.00	63.21 3.07 0.00	59.00 2.86 0.00
KCE_NY_6_ESR 323823	43.89 -1.45 0.00	39.95 -1.45 0.00	37.88 -1.33 0.00	36.55 -1.29 0.00	37.74 -1.17 0.00	42.75 -1.37 0.00	50.06 -2.97 0.00	53.77 -3.50 0.00	57.28 -3.79 0.00	57.21 -3.59 0.00	65.54 -5.62 0.00	67.07 -6.39 0.00	64.30 -6.13 0.00	65.30 -6.07 0.00	63.22 -5.95 0.00	66.51 -6.98 0.00	63.46 -6.66 0.00	73.53 -6.92 0.00	65.19 -6.92 0.00	60.22 -6.84 0.00	57.16 -6.49 0.00	55.84 -6.14 0.00	55.57 -4.57 0.00	53.05 -3.09 0.00
KEDC_PORT_JEFF_GT2 24210	49.20 3.85 -0.01	44.84 3.43 0.00	42.11 2.90 0.00	40.56 2.73 0.00	42.05 3.15 0.00	47.88 3.75 -0.01	59.68 4.88 -1.78	68.88 6.24 -5.38	67.79 6.72 -0.01	67.25 6.44 -0.01	80.86 7.97 -1.72	81.63 8.15 -0.02	80.02 7.75 -1.84	84.58 7.85 -5.36	82.63 7.95 -5.50	89.71 8.67 -7.56	100.75 8.27 -22.36	102.64 9.65 -12.54	100.90 8.87 -19.92	98.13 8.11 -22.96	81.43 7.96 -9.82	80.54 7.81 -10.75	67.61 7.46 -0.01	64.42 6.56 -1.72
KEDC_PORT_JEFF_GT3 24211	49.20 3.85 -0.01	44.84 3.43 0.00	42.11 2.90 0.00	40.56 2.73 0.00	42.05 3.15 0.00	47.88 3.75 -0.01	59.68 4.88 -1.78	68.88 6.24 -5.38	67.79 6.72 -0.01	67.25 6.44 -0.01	80.86 7.97 -1.72	81.63 8.15 -0.02	80.02 7.75 -1.84	84.58 7.85 -5.36	82.63 7.95 -5.50	89.71 8.67 -7.56	100.75 8.27 -22.36	102.64 9.65 -12.54	100.90 8.87 -19.92	98.13 8.11 -22.96	81.43 7.96 -9.82	80.54 7.81 -10.75	67.61 7.46 -0.01	64.42 6.56 -1.72
KEDC_GLWD_GT4 24219	47.99 2.63 -0.02	43.76 2.36 0.00	41.29 2.08 0.00	39.76 1.93 0.00	41.04 2.14 0.00	46.65 2.51 -0.02	57.58 3.29 -1.27	65.32 4.24 -3.81	65.66 4.58 -0.02	65.44 4.62 -0.02	78.01 5.62 -1.23	79.43 5.95 -0.02	77.37 5.64 -1.31	80.74 5.57 -3.80	78.68 5.60 -3.90	85.02 6.17 -5.36	91.78 5.82 -15.84	96.01 6.67 -8.89	92.43 6.20 -14.12	89.10 5.77 -16.26	76.28 5.66 -6.96	75.11 5.51 -7.62	65.34 5.17 -0.02	62.24 4.88 -1.23
KEDC_GLWD_GT5 24220	47.99 2.63 -0.02	43.76 2.36 0.00	41.29 2.08 0.00	39.76 1.93 0.00	41.04 2.14 0.00	46.65 2.51 -0.02	57.58 3.29 -1.27	65.32 4.24 -3.81	65.66 4.58 -0.02	65.44 4.62 -0.02	78.01 5.62 -1.23	79.43 5.95 -0.02	77.37 5.64 -1.31	80.74 5.57 -3.80	78.68 5.60 -3.90	85.02 6.17 -5.36	91.78 5.82 -15.84	96.01 6.67 -8.89	92.43 6.20 -14.12	89.10 5.77 -16.26	76.28 5.66 -6.96	75.11 5.51 -7.62	65.34 5.17 -0.02	62.24 4.88 -1.23

KENSICO____ 23655	47.20 1.86 0.00	42.93 1.53 0.00	40.62 1.41 0.00	39.27 1.44 0.00	40.42 1.52 0.00	45.89 1.76 0.00	55.46 2.44 0.00	60.70 3.44 0.00	64.98 3.91 0.00	64.75 3.95 0.00	76.15 4.98 0.00	78.68 5.22 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.00 5.51 0.00	75.31 5.19 0.00	86.40 5.95 0.00	77.74 5.62 0.00	72.23 5.16 0.00	68.68 5.03 0.00	66.87 4.90 0.00	64.60 4.45 0.00	60.06 3.93 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	47.97 2.63 0.00	43.64 2.24 0.00	41.33 2.12 0.00	39.84 2.01 0.00	41.04 2.14 0.00	46.68 2.56 0.00	56.31 3.29 0.00	61.67 4.41 0.00	66.14 5.07 0.00	65.73 4.92 0.00	77.00 5.84 0.00	79.34 5.88 0.00	75.85 5.42 0.00	76.93 5.57 0.00	74.84 5.67 0.00	79.88 6.39 0.00	76.36 6.24 0.00	87.60 7.16 0.00	78.53 6.42 0.00	72.90 5.83 0.00	69.45 5.79 0.00	67.49 5.52 0.00	65.38 5.23 0.00	60.91 4.77 0.00
KIAC_JFK_GT1 23816	47.20 1.86 0.00	42.89 1.49 0.00	40.55 1.33 0.00	39.16 1.32 0.00	40.30 1.40 0.00	45.84 1.72 0.00	55.62 2.60 0.00	61.04 3.78 0.00	65.34 4.27 0.00	65.24 4.44 0.00	76.64 5.48 0.00	79.12 5.66 0.00	75.85 5.42 0.00	76.79 5.42 0.00	74.57 5.40 0.00	79.59 6.10 0.00	75.87 5.75 0.00	87.20 6.76 0.00	78.38 6.27 0.00	72.83 5.77 0.00	69.26 5.60 0.00	67.49 5.52 0.00	65.08 4.93 0.00	60.34 4.21 0.00
KIAC_JFK_GT2 23817	47.20 1.86 0.00	42.89 1.49 0.00	40.55 1.33 0.00	39.16 1.32 0.00	40.30 1.40 0.00	45.84 1.72 0.00	55.62 2.60 0.00	61.04 3.78 0.00	65.34 4.27 0.00	65.24 4.44 0.00	76.64 5.48 0.00	79.12 5.66 0.00	75.85 5.42 0.00	76.79 5.42 0.00	74.57 5.40 0.00	79.59 6.10 0.00	75.87 5.75 0.00	87.20 6.76 0.00	78.38 6.27 0.00	72.83 5.77 0.00	69.26 5.60 0.00	67.49 5.52 0.00	65.08 4.93 0.00	60.34 4.21 0.00
KIAC_JFK____ 323774	47.20 1.86 0.00	42.98 1.57 0.00	40.62 1.41 0.00	39.08 1.25 0.00	40.23 1.32 0.00	45.84 1.72 0.00	55.62 2.60 0.00	61.04 3.78 0.00	65.34 4.27 0.00	65.18 4.38 0.00	76.57 5.41 0.00	79.12 5.66 0.00	75.85 5.42 0.00	76.65 5.28 0.00	74.57 5.40 0.00	79.52 6.03 0.00	75.87 5.75 0.00	87.20 6.76 0.00	78.38 6.27 0.00	72.83 5.77 0.00	69.26 5.60 0.00	67.43 5.46 0.00	65.08 4.93 0.00	60.40 4.26 0.00
KINTIGH____ 23543	42.67 -2.68 0.00	38.92 -2.48 0.00	36.90 -2.31 0.00	35.64 -2.19 0.00	36.88 -2.02 0.00	41.69 -2.43 0.00	49.05 -3.98 0.00	52.86 -4.41 0.00	56.30 -4.76 0.00	55.76 -5.05 0.00	64.33 -6.83 0.00	66.19 -7.27 0.00	63.38 -7.04 0.00	64.30 -7.07 0.00	62.32 -6.85 0.00	65.55 -7.94 0.00	62.62 -7.50 0.00	72.64 -7.80 0.00	64.47 -7.64 0.00	59.69 -7.38 0.00	56.65 -7.00 0.00	55.35 -6.63 0.00	54.80 -5.35 0.00	52.09 -4.04 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	47.15 1.81 0.00	43.47 2.07 0.00	41.21 2.00 0.00	39.31 1.48 0.00	40.30 1.40 0.00	46.02 1.90 0.00	55.36 2.33 0.00	58.58 1.32 0.00	62.41 1.34 0.00	62.02 1.22 0.00	72.59 1.42 0.00	74.34 0.88 0.00	72.04 1.62 0.00	72.58 1.21 0.00	70.69 1.52 0.00	74.30 0.81 0.00	72.08 1.96 0.00	80.93 0.48 0.00	73.26 1.15 0.00	68.47 1.41 0.00	65.18 1.53 0.00	63.16 1.18 0.00	61.35 1.20 0.00	57.26 1.12 0.00
LACHUTE__HYDRO 323717	48.65 3.31 0.00	44.55 3.15 0.00	42.00 2.78 0.00	40.37 2.54 0.00	41.51 2.61 0.00	46.99 2.87 0.00	57.05 4.03 0.00	61.61 4.35 0.00	66.13 5.07 0.00	66.09 5.29 0.00	76.93 5.76 0.00	80.15 6.68 0.00	76.27 5.84 0.00	77.36 6.00 0.00	74.22 5.05 0.00	79.52 6.03 0.00	74.47 4.35 0.00	85.67 5.23 0.00	76.66 4.55 0.00	71.09 4.02 0.00	67.28 3.63 0.00	65.82 3.84 0.00	63.82 3.67 0.00	59.56 3.42 0.00
LAWRNCV_115KV_TB1 80681	46.88 1.54 0.00	47.03 5.63 0.00	44.58 5.37 0.00	38.93 1.10 0.00	39.92 1.01 0.00	45.93 1.81 0.00	55.89 2.86 0.00	60.36 3.09 0.00	64.12 3.05 0.00	63.29 2.49 0.00	73.58 2.42 0.00	75.59 2.13 0.00	72.40 1.97 0.00	73.29 1.93 0.00	71.46 2.28 0.00	73.93 0.44 0.00	70.96 0.84 0.00	80.20 -0.24 0.00	71.68 -0.43 0.00	66.66 -0.40 0.00	63.40 -0.25 0.00	61.54 -0.43 0.00	60.09 -0.06 0.00	55.91 -0.22 0.00
LEDERLE____ 23769	46.93 1.59 0.00	42.73 1.32 0.00	40.47 1.25 0.00	39.16 1.32 0.00	40.30 1.40 0.00	45.66 1.54 0.00	55.09 2.07 0.00	60.30 3.04 0.00	64.55 3.48 0.00	64.33 3.53 0.00	75.58 4.41 0.00	78.09 4.63 0.00	74.79 4.37 0.00	75.79 4.42 0.00	73.60 4.43 0.00	78.41 4.92 0.00	74.75 4.63 0.00	85.75 5.31 0.00	77.09 4.98 0.00	71.63 4.56 0.00	68.17 4.52 0.00	66.38 4.40 0.00	64.18 4.03 0.00	59.73 3.59 0.00
LIGHTHSE_115KV_TB6 355974	44.30 -1.04 0.00	40.66 -0.75 0.00	38.51 -0.71 0.00	36.85 -0.98 0.00	37.93 -0.97 0.00	43.15 -0.97 0.00	52.12 -0.90 0.00	56.81 -0.46 0.00	60.40 -0.67 0.00	60.01 -0.79 0.00	69.95 -1.21 0.00	72.14 -1.32 0.00	69.02 -1.41 0.00	69.87 -1.50 0.00	67.93 -1.25 0.00	72.02 -1.47 0.00	68.79 -1.33 0.00	79.00 -1.45 0.00	70.60 -1.51 0.00	65.66 -1.41 0.00	62.13 -1.53 0.00	60.43 -1.55 0.00	58.83 -1.32 0.00	54.73 -1.40 0.00
LINDEN COGEN____ 23786	47.02 1.68 0.00	42.81 1.41 0.00	40.50 1.29 0.00	38.97 1.13 0.00	40.15 1.24 0.00	45.66 1.54 0.00	55.30 2.28 0.00	60.64 3.38 0.00	64.92 3.85 0.00	64.75 3.95 0.00	76.01 4.84 0.00	78.53 5.07 0.00	75.28 4.86 0.00	76.07 4.71 0.00	74.01 4.84 0.00	78.93 5.44 0.00	75.31 5.19 0.00	86.40 5.95 0.00	77.74 5.63 0.00	72.16 5.09 0.00	68.68 5.03 0.00	66.94 4.96 0.00	64.72 4.57 0.00	60.12 3.99 0.00
LINDHRST_69_KV_BK1 356055	48.98 3.63 -0.01	44.38 2.98 0.00	41.88 2.67 0.00	40.52 2.69 0.00	41.98 3.07 0.00	47.66 3.53 -0.01	59.21 4.51 -1.68	68.29 5.96 -5.07	67.49 6.41 -0.01	67.14 6.32 -0.01	80.48 7.69 -1.63	81.41 7.93 -0.02	79.70 7.54 -1.74	84.06 7.64 -5.06	81.98 7.61 -5.19	89.00 8.38 -7.13	99.14 7.92 -21.10	101.45 9.17 -11.84	99.42 8.51 -18.80	96.57 7.85 -21.66	80.56 7.64 -9.27	79.62 7.50 -10.14	67.26 7.10 -0.01	63.93 6.17 -1.63
LIPA_MISC_IPP 23656	49.20 3.85 -0.01	44.51 3.11 0.00	42.00 2.78 0.00	40.60 2.76 0.00	42.13 3.23 0.00	47.88 3.75 -0.01	59.68 4.88 -1.78	69.01 6.36 -5.38	67.73 6.66 -0.01	67.20 6.38 -0.01	80.72 7.83 -1.73	81.27 7.79 -0.02	79.95 7.68 -1.85	84.58 7.85 -5.37	82.50 7.82 -5.51	89.66 8.60 -7.57	100.72 8.20 -22.40	102.58 9.57 -12.56	100.79 8.73 -19.96	98.10 8.05 -22.99	81.32 7.83 -9.83	80.43 7.69 -10.77	67.50 7.34 -0.01	64.31 6.46 -1.72
LISF__SOLAR 323691	49.29 3.94 -0.01	44.88 3.48 0.00	42.15 2.94 0.00	40.60 2.76 0.00	42.13 3.23 0.00	47.97 3.84 -0.01	59.79 4.98 -1.78	69.00 6.36 -5.38	67.85 6.78 -0.01	67.32 6.51 -0.01	80.86 7.97 -1.72	81.42 7.94 -0.02	79.88 7.61 -1.85	84.58 7.85 -5.37	82.63 7.95 -5.51	89.80 8.74 -7.56	100.91 8.41 -22.38	102.81 9.81 -12.56	101.00 8.94 -19.95	98.22 8.18 -22.98	81.50 8.02 -9.83	80.55 7.81 -10.76	67.61 7.46 -0.01	64.48 6.62 -1.72

LITTLE FALLS___HYD 24013	45.29 -0.05 0.00	41.32 -0.08 0.00	39.06 -0.16 0.00	37.61 -0.23 0.00	38.55 -0.35 0.00	43.72 -0.40 0.00	52.60 -0.42 0.00	56.92 -0.34 0.00	60.64 -0.43 0.00	60.44 -0.36 0.00	70.74 -0.43 0.00	73.32 -0.15 0.00	70.28 -0.14 0.00	71.36 0.00 0.00	69.24 0.07 0.00	73.56 0.07 0.00	70.19 0.07 0.00	80.61 0.16 0.00	72.25 0.14 0.00	67.27 0.20 0.00	63.84 0.19 0.00	62.29 0.31 0.00	60.39 0.24 0.00	56.36 0.22 0.00
LITTLRIV_115KV_TB1 356100	47.83 2.49 0.00	47.61 6.21 0.00	45.17 5.96 0.00	39.65 1.82 0.00	40.65 1.75 0.00	46.86 2.74 0.00	57.16 4.14 0.00	61.85 4.58 0.00	65.65 4.58 0.00	64.69 3.89 0.00	75.15 3.99 0.00	77.14 3.67 0.00	73.88 3.45 0.00	74.79 3.43 0.00	72.98 3.80 0.00	75.55 2.06 0.00	72.71 2.59 0.00	82.13 1.69 0.00	72.69 0.58 0.00	67.60 0.54 0.00	64.23 0.57 0.00	62.35 0.37 0.00	60.81 0.66 0.00	56.58 0.45 0.00
LI_NEWBRDGE___DRP 323616	48.02 2.68 -0.01	43.64 2.24 0.00	41.21 2.00 0.00	39.84 2.01 0.00	41.24 2.33 0.00	46.78 2.65 -0.01	58.19 3.34 -1.83	67.43 4.64 -5.53	66.14 5.07 -0.01	65.86 5.05 -0.01	78.99 6.05 -1.77	79.72 6.24 -0.02	78.24 5.92 -1.90	82.87 5.99 -5.51	80.78 5.95 -5.66	87.88 6.61 -7.77	99.21 6.10 -23.00	100.42 7.08 -12.90	99.16 6.56 -20.49	96.84 6.17 -23.61	79.86 6.11 -10.10	79.05 6.01 -11.06	65.93 5.77 -0.01	62.79 4.88 -1.77
LOCKPORT_115KV_TB60_63_64 80432	43.12 -2.22 0.00	39.25 -2.15 0.00	37.21 -2.00 0.00	35.98 -1.85 0.00	37.23 -1.67 0.00	42.09 -2.03 0.00	49.21 -3.82 0.00	52.57 -4.70 0.00	56.00 -5.07 0.00	55.39 -5.41 0.00	63.76 -7.40 0.00	65.46 -8.01 0.00	62.75 -7.68 0.00	63.73 -7.64 0.00	61.63 -7.54 0.00	64.75 -8.75 0.00	61.84 -8.27 0.00	71.35 -9.09 0.00	63.24 -8.87 0.00	58.48 -8.58 0.00	55.51 -8.15 0.00	54.29 -7.69 0.00	54.07 -6.08 0.00	51.98 -4.15 0.00
LOCKPORT___CC1 323769	43.07 -2.27 0.00	39.29 -2.11 0.00	37.25 -1.96 0.00	35.91 -1.93 0.00	37.08 -1.83 0.00	42.05 -2.07 0.00	49.16 -3.87 0.00	52.34 -4.93 0.00	55.75 -5.31 0.00	55.69 -5.11 0.00	63.62 -7.55 0.00	65.16 -8.30 0.00	62.47 -7.96 0.00	63.44 -7.92 0.00	61.43 -7.75 0.00	64.60 -8.89 0.00	61.63 -8.49 0.00	71.11 -9.33 0.00	63.02 -9.09 0.00	58.28 -8.78 0.00	55.38 -8.27 0.00	54.11 -7.87 0.00	53.89 -6.26 0.00	51.87 -4.27 0.00
LOCKPORT___CC2 323770	43.07 -2.27 0.00	39.29 -2.11 0.00	37.25 -1.96 0.00	35.91 -1.93 0.00	37.08 -1.83 0.00	42.05 -2.07 0.00	49.16 -3.87 0.00	52.34 -4.93 0.00	55.75 -5.31 0.00	55.69 -5.11 0.00	63.62 -7.55 0.00	65.16 -8.30 0.00	62.47 -7.96 0.00	63.44 -7.92 0.00	61.43 -7.75 0.00	64.60 -8.89 0.00	61.63 -8.49 0.00	71.11 -9.33 0.00	63.02 -9.09 0.00	58.28 -8.78 0.00	55.38 -8.27 0.00	54.11 -7.87 0.00	53.89 -6.26 0.00	51.87 -4.27 0.00
LOCKPORT___CC3 323771	43.07 -2.27 0.00	39.29 -2.11 0.00	37.25 -1.96 0.00	35.91 -1.93 0.00	37.08 -1.83 0.00	42.05 -2.07 0.00	49.16 -3.87 0.00	52.34 -4.93 0.00	55.75 -5.31 0.00	55.69 -5.11 0.00	63.62 -7.55 0.00	65.16 -8.30 0.00	62.47 -7.96 0.00	63.44 -7.92 0.00	61.43 -7.75 0.00	64.60 -8.89 0.00	61.63 -8.49 0.00	71.11 -9.33 0.00	63.02 -9.09 0.00	58.28 -8.78 0.00	55.38 -8.27 0.00	54.11 -7.87 0.00	53.89 -6.26 0.00	51.87 -4.27 0.00
LONG_LAKE_PHOENIX 24014	43.93 -1.41 0.00	40.04 -1.37 0.00	37.92 -1.29 0.00	36.55 -1.29 0.00	37.66 -1.24 0.00	42.75 -1.37 0.00	51.38 -1.64 0.00	55.89 -1.37 0.00	59.48 -1.59 0.00	59.28 -1.52 0.00	69.17 -1.99 0.00	71.48 -1.98 0.00	68.45 -1.97 0.00	69.37 -2.00 0.00	67.24 -1.94 0.00	71.36 -2.13 0.00	68.08 -2.03 0.00	78.27 -2.17 0.00	70.02 -2.09 0.00	65.05 -2.01 0.00	61.68 -1.97 0.00	60.06 -1.92 0.00	58.40 -1.74 0.00	54.56 -1.57 0.00
LOVETT___3 23632	46.70 1.36 0.00	42.52 1.12 0.00	40.27 1.06 0.00	38.97 1.14 0.00	40.11 1.21 0.00	45.40 1.28 0.00	54.77 1.75 0.00	59.96 2.69 0.00	64.12 3.05 0.00	63.96 3.16 0.00	75.15 3.99 0.00	77.65 4.19 0.00	74.37 3.94 0.00	75.36 4.00 0.00	73.18 4.01 0.00	77.97 4.48 0.00	74.33 4.21 0.00	85.27 4.83 0.00	76.65 4.54 0.00	71.29 4.23 0.00	67.79 4.14 0.00	66.07 4.09 0.00	63.88 3.73 0.00	59.45 3.31 0.00
LOVETT___4 23642	46.70 1.36 0.00	42.52 1.12 0.00	40.27 1.06 0.00	38.97 1.14 0.00	40.11 1.21 0.00	45.40 1.28 0.00	54.77 1.75 0.00	59.96 2.69 0.00	64.12 3.05 0.00	63.96 3.16 0.00	75.15 3.99 0.00	77.65 4.19 0.00	74.37 3.94 0.00	75.36 4.00 0.00	73.18 4.01 0.00	77.97 4.48 0.00	74.33 4.21 0.00	85.27 4.83 0.00	76.65 4.54 0.00	71.29 4.23 0.00	67.79 4.14 0.00	66.07 4.09 0.00	63.88 3.73 0.00	59.45 3.31 0.00
LOVETT___5 23593	46.70 1.36 0.00	42.52 1.12 0.00	40.27 1.06 0.00	38.97 1.14 0.00	40.11 1.21 0.00	45.40 1.28 0.00	54.77 1.75 0.00	59.96 2.69 0.00	64.12 3.05 0.00	63.96 3.16 0.00	75.15 3.99 0.00	77.65 4.19 0.00	74.37 3.94 0.00	75.36 4.00 0.00	73.18 4.01 0.00	77.97 4.48 0.00	74.33 4.21 0.00	85.27 4.83 0.00	76.65 4.54 0.00	71.29 4.23 0.00	67.79 4.14 0.00	66.07 4.09 0.00	63.88 3.73 0.00	59.45 3.31 0.00
LOWER RAQUET___HYD 24057	46.88 1.54 0.00	42.81 1.41 0.00	40.55 1.33 0.00	42.60 4.77 0.00	43.69 4.78 0.00	45.93 1.81 0.00	55.94 2.91 0.00	60.36 3.09 0.00	64.12 3.05 0.00	63.30 2.49 0.00	73.65 2.49 0.00	75.59 2.13 0.00	72.47 2.04 0.00	73.58 2.21 0.00	71.45 2.28 0.00	73.93 0.44 0.00	70.96 0.84 0.00	80.20 -0.24 0.00	71.61 -0.50 0.00	66.60 -0.47 0.00	63.27 -0.38 0.00	61.42 -0.56 0.00	60.03 -0.12 0.00	55.91 -0.22 0.00
LOWER___HUDSON 24059	47.11 1.77 0.00	43.02 1.61 0.00	40.70 1.49 0.00	39.24 1.40 0.00	40.34 1.44 0.00	45.80 1.68 0.00	55.25 2.23 0.00	59.96 2.69 0.00	64.06 2.99 0.00	63.84 3.04 0.00	74.93 3.77 0.00	77.57 4.11 0.00	74.15 3.73 0.00	75.14 3.78 0.00	72.77 3.59 0.00	77.46 3.97 0.00	73.55 3.43 0.00	84.54 4.10 0.00	75.79 3.68 0.00	70.55 3.49 0.00	66.90 3.24 0.00	65.26 3.28 0.00	63.21 3.07 0.00	59.00 2.86 0.00
LOWVILLE_115KV_TB2 356335	46.20 0.86 0.00	43.18 1.78 0.00	40.90 1.69 0.00	38.40 0.57 0.00	39.45 0.54 0.00	45.14 1.01 0.00	54.77 1.75 0.00	59.73 2.46 0.00	63.57 2.50 0.00	63.05 2.25 0.00	73.30 2.13 0.00	75.52 2.06 0.00	72.11 1.69 0.00	73.01 1.64 0.00	71.11 1.94 0.00	75.11 1.62 0.00	71.94 1.82 0.00	82.29 1.85 0.00	73.48 1.37 0.00	68.27 1.21 0.00	64.61 0.95 0.00	62.85 0.87 0.00	60.93 0.78 0.00	56.19 0.06 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	47.70 2.36 0.00	43.56 2.15 0.00	41.17 1.96 0.00	39.73 1.89 0.00	40.81 1.91 0.00	46.24 2.12 0.00	55.84 2.81 0.00	60.47 3.21 0.00	64.73 3.66 0.00	64.51 3.71 0.00	75.51 4.34 0.00	78.24 4.78 0.00	74.72 4.30 0.00	75.79 4.42 0.00	73.18 4.01 0.00	78.12 4.63 0.00	73.83 3.72 0.00	84.87 4.42 0.00	75.79 3.68 0.00	70.42 3.35 0.00	66.77 3.12 0.00	65.20 3.22 0.00	63.22 3.07 0.00	58.94 2.81 0.00

LUTHERNY_35_KV_BK2 355980	47.70 2.36 0.00	43.56 2.15 0.00	41.21 2.00 0.00	39.73 1.89 0.00	40.85 1.95 0.00	46.28 2.16 0.00	55.89 2.86 0.00	60.53 3.26 0.00	64.79 3.73 0.00	64.57 3.77 0.00	75.58 4.41 0.00	78.31 4.85 0.00	74.79 4.37 0.00	75.86 4.50 0.00	73.25 4.08 0.00	78.12 4.63 0.00	73.90 3.79 0.00	84.95 4.50 0.00	75.79 3.68 0.00	70.49 3.42 0.00	66.84 3.18 0.00	65.20 3.22 0.00	63.22 3.07 0.00	59.00 2.86 0.00
LWR___OSWEGATCHIE_HYD 23850	45.98 0.63 0.00	44.59 3.19 0.00	42.27 3.06 0.00	38.18 0.34 0.00	39.18 0.27 0.00	44.96 0.84 0.00	54.72 1.70 0.00	59.38 2.12 0.00	63.14 2.08 0.00	62.50 1.70 0.00	72.59 1.42 0.00	74.64 1.18 0.00	71.41 0.99 0.00	72.29 0.93 0.00	70.42 1.25 0.00	73.56 0.07 0.00	70.54 0.42 0.00	80.20 -0.24 0.00	71.53 -0.58 0.00	66.53 -0.54 0.00	63.08 -0.57 0.00	61.30 -0.68 0.00	59.67 -0.48 0.00	55.29 -0.84 0.00
LYONS_FALL_HYD 23570	46.29 0.95 0.00	42.19 0.78 0.00	40.00 0.78 0.00	39.12 1.29 0.00	40.23 1.32 0.00	45.18 1.06 0.00	54.72 1.70 0.00	59.61 2.35 0.00	63.45 2.38 0.00	63.11 2.31 0.00	73.30 2.13 0.00	75.66 2.20 0.00	72.33 1.90 0.00	73.22 1.85 0.00	71.25 2.07 0.00	75.40 1.91 0.00	72.15 2.03 0.00	82.62 2.17 0.00	73.84 1.73 0.00	68.61 1.54 0.00	64.93 1.27 0.00	63.22 1.24 0.00	61.29 1.14 0.00	56.75 0.62 0.00
MADISON___COUNTY_LFGE 323628	46.52 1.18 0.00	42.48 1.08 0.00	40.27 1.06 0.00	38.71 0.87 0.00	39.84 0.93 0.00	45.36 1.24 0.00	54.77 1.75 0.00	59.61 2.35 0.00	63.51 2.44 0.00	63.17 2.37 0.00	73.66 2.49 0.00	76.03 2.57 0.00	72.75 2.32 0.00	73.65 2.28 0.00	71.59 2.42 0.00	75.99 2.50 0.00	72.50 2.38 0.00	83.26 2.82 0.00	74.35 2.24 0.00	69.08 2.01 0.00	65.44 1.78 0.00	63.71 1.74 0.00	61.71 1.56 0.00	57.54 1.40 0.00
MALONE___115KV_TB1 356076	47.29 1.95 0.00	44.55 3.15 0.00	42.23 3.02 0.00	39.42 1.59 0.00	40.42 1.52 0.00	46.24 2.12 0.00	55.84 2.81 0.00	59.33 2.06 0.00	63.20 2.14 0.00	62.63 1.82 0.00	73.23 2.06 0.00	75.30 1.84 0.00	72.54 2.11 0.00	73.36 2.00 0.00	71.18 2.01 0.00	74.74 1.25 0.00	72.15 2.03 0.00	81.25 0.80 0.00	73.41 1.30 0.00	68.27 1.21 0.00	65.05 1.40 0.00	63.03 1.05 0.00	61.23 1.08 0.00	57.09 0.95 0.00
MAPLEWOD_115KV_TB3 80458	46.66 1.31 0.00	42.52 1.12 0.00	40.27 1.06 0.00	38.97 1.14 0.00	39.99 1.09 0.00	45.36 1.24 0.00	54.67 1.64 0.00	59.38 2.12 0.00	63.39 2.32 0.00	63.23 2.43 0.00	74.51 3.34 0.00	77.06 3.60 0.00	73.73 3.31 0.00	74.79 3.43 0.00	72.35 3.18 0.00	77.09 3.60 0.00	73.13 3.02 0.00	83.98 3.54 0.00	75.36 3.24 0.00	70.15 3.08 0.00	66.58 2.93 0.00	64.95 2.97 0.00	62.92 2.77 0.00	58.66 2.53 0.00
MAPLE_RIDGE_WT_1 323574	45.48 0.14 0.00	41.57 0.17 0.00	39.33 0.12 0.00	37.99 0.15 0.00	39.02 0.12 0.00	44.25 0.13 0.00	53.13 0.11 0.00	57.09 -0.17 0.00	60.88 -0.18 0.00	60.56 -0.24 0.00	70.95 -0.21 0.00	73.24 -0.22 0.00	70.28 -0.14 0.00	71.29 -0.07 0.00	69.03 -0.14 0.00	73.27 -0.22 0.00	70.05 -0.07 0.00	80.12 -0.32 0.00	71.82 -0.29 0.00	66.86 -0.20 0.00	63.46 -0.19 0.00	61.73 -0.25 0.00	59.91 -0.24 0.00	55.80 -0.33 0.00
MAPLE_RIDGE_WT_2 323611	45.48 0.14 0.00	41.57 0.17 0.00	39.33 0.12 0.00	37.99 0.15 0.00	39.02 0.12 0.00	44.25 0.13 0.00	53.13 0.11 0.00	57.09 -0.17 0.00	60.88 -0.18 0.00	60.56 -0.24 0.00	70.95 -0.21 0.00	73.24 -0.22 0.00	70.28 -0.14 0.00	71.29 -0.07 0.00	69.03 -0.14 0.00	73.27 -0.22 0.00	70.05 -0.07 0.00	80.12 -0.32 0.00	71.82 -0.29 0.00	66.86 -0.20 0.00	63.46 -0.19 0.00	61.73 -0.25 0.00	59.91 -0.24 0.00	55.80 -0.33 0.00
MARBLE_RIVER_WT_PWR 323696	46.47 1.13 0.00	42.52 1.12 0.00	40.23 1.02 0.00	39.05 1.21 0.00	40.03 1.13 0.00	45.27 1.15 0.00	54.40 1.38 0.00	57.55 0.29 0.00	61.37 0.31 0.00	60.92 0.12 0.00	71.38 0.21 0.00	73.32 -0.15 0.00	70.85 0.43 0.00	71.93 0.57 0.00	69.52 0.35 0.00	73.34 -0.15 0.00	70.68 0.56 0.00	79.96 -0.48 0.00	72.04 -0.07 0.00	67.20 0.13 0.00	63.97 0.32 0.00	62.10 0.12 0.00	60.33 0.18 0.00	56.25 0.11 0.00
MARSHVLE_115KV_TB1 80742	49.01 3.67 0.00	44.76 3.35 0.00	42.27 3.06 0.00	40.75 2.91 0.00	41.94 3.03 0.00	47.83 3.71 0.00	57.59 4.56 0.00	62.48 5.21 0.00	66.62 5.56 0.00	65.91 5.11 0.00	76.86 5.69 0.00	79.34 5.88 0.00	75.64 5.21 0.00	77.00 5.64 0.00	74.43 5.26 0.00	79.44 5.95 0.00	75.45 5.33 0.00	86.80 6.36 0.00	77.95 5.84 0.00	72.36 5.30 0.00	68.56 4.90 0.00	66.94 4.96 0.00	65.08 4.93 0.00	60.68 4.55 0.00
MARSH_HILL_WT_PWR 323713	45.66 0.32 0.00	41.53 0.12 0.00	39.33 0.12 0.00	37.91 0.08 0.00	39.18 0.27 0.00	44.39 0.27 0.00	52.66 -0.37 0.00	57.04 -0.23 0.00	60.46 -0.61 0.00	60.38 -0.42 0.00	69.67 -1.50 0.00	71.63 -1.83 0.00	68.53 -1.90 0.00	69.58 -1.78 0.00	67.51 -1.66 0.00	71.43 -2.06 0.00	68.43 -1.68 0.00	79.15 -1.29 0.00	70.31 -1.80 0.00	65.05 -2.01 0.00	61.49 -2.16 0.00	59.56 -2.42 0.00	58.40 -1.75 0.00	55.23 -0.90 0.00
MCINTYRE_115KV_TB2 80467	48.51 3.17 0.00	48.23 6.83 0.00	45.76 6.55 0.00	40.22 2.38 0.00	41.24 2.33 0.00	47.61 3.49 0.00	58.17 5.14 0.00	63.05 5.78 0.00	66.81 5.74 0.00	65.73 4.92 0.00	76.29 5.12 0.00	78.31 4.85 0.00	74.93 4.51 0.00	75.79 4.42 0.00	74.08 4.91 0.00	76.80 3.31 0.00	74.04 3.93 0.00	83.66 3.22 0.00	73.34 1.23 0.00	68.14 1.07 0.00	64.67 1.02 0.00	62.85 0.87 0.00	61.17 1.02 0.00	56.98 0.84 0.00
MECO_____69_KV_BK1 80468	49.38 4.04 0.00	45.13 3.73 0.00	42.62 3.41 0.00	41.05 3.22 0.00	42.25 3.35 0.00	48.18 4.06 0.00	58.22 5.20 0.00	62.99 5.73 0.00	67.23 6.17 0.00	66.64 5.84 0.00	77.50 6.33 0.00	80.22 6.76 0.00	76.41 5.99 0.00	77.72 6.35 0.00	74.98 5.81 0.00	80.18 6.69 0.00	76.01 5.89 0.00	87.52 7.08 0.00	78.60 6.49 0.00	72.97 5.90 0.00	69.13 5.47 0.00	67.56 5.58 0.00	65.38 5.23 0.00	61.02 4.88 0.00
MENANDS___115KV_TB5 355628	46.43 1.09 0.00	42.35 0.95 0.00	40.11 0.90 0.00	38.82 0.98 0.00	39.80 0.89 0.00	45.14 1.01 0.00	54.40 1.38 0.00	59.10 1.83 0.00	63.08 2.02 0.00	62.99 2.19 0.00	74.30 3.13 0.00	76.84 3.38 0.00	73.52 3.10 0.00	74.50 3.14 0.00	72.15 2.97 0.00	76.87 3.38 0.00	72.92 2.80 0.00	83.74 3.30 0.00	75.14 3.03 0.00	69.95 2.88 0.00	66.39 2.74 0.00	64.77 2.79 0.00	62.74 2.59 0.00	58.55 2.41 0.00
MG INDUSTRY___DRP 24185	46.43 1.09 0.00	42.35 0.95 0.00	40.11 0.90 0.00	38.78 0.95 0.00	39.80 0.89 0.00	45.14 1.01 0.00	54.35 1.33 0.00	58.87 1.60 0.00	62.84 1.77 0.00	62.63 1.82 0.00	73.66 2.49 0.00	76.18 2.72 0.00	72.96 2.54 0.00	73.93 2.57 0.00	71.59 2.42 0.00	76.28 2.79 0.00	72.36 2.24 0.00	83.10 2.65 0.00	74.56 2.45 0.00	69.48 2.41 0.00	65.88 2.23 0.00	64.27 2.29 0.00	62.31 2.17 0.00	58.15 2.02 0.00

MID___OSWEGATCHIE_HYD 23849	45.98 0.63 0.00	44.59 3.19 0.00	42.27 3.06 0.00	38.18 0.34 0.00	39.18 0.27 0.00	44.96 0.84 0.00	54.72 1.70 0.00	59.38 2.12 0.00	63.14 2.08 0.00	62.50 1.70 0.00	72.59 1.42 0.00	74.64 1.18 0.00	71.41 0.99 0.00	72.29 0.93 0.00	70.42 1.25 0.00	73.56 0.07 0.00	70.54 0.42 0.00	80.20 -0.24 0.00	71.53 -0.58 0.00	66.53 -0.54 0.00	63.08 -0.57 0.00	61.30 -0.68 0.00	59.67 -0.48 0.00	55.29 -0.84 0.00
MID___RAQUETTE_HYD 23851	46.88 1.54 0.00	46.78 5.38 0.00	44.39 5.18 0.00	38.93 1.10 0.00	39.95 1.05 0.00	45.93 1.81 0.00	55.94 2.92 0.00	60.36 3.09 0.00	64.12 3.05 0.00	63.29 2.49 0.00	73.58 2.42 0.00	75.59 2.13 0.00	72.47 2.04 0.00	73.29 1.93 0.00	71.46 2.28 0.00	73.93 0.44 0.00	70.96 0.84 0.00	80.20 -0.24 0.00	71.61 -0.50 0.00	66.60 -0.47 0.00	63.27 -0.38 0.00	61.42 -0.56 0.00	60.03 -0.12 0.00	55.91 -0.22 0.00
MILLIKEN___1 23584	45.93 0.59 0.00	41.77 0.37 0.00	39.57 0.35 0.00	38.14 0.30 0.00	39.33 0.43 0.00	44.65 0.53 0.00	53.77 0.74 0.00	58.24 0.97 0.00	61.92 0.85 0.00	61.65 0.85 0.00	71.88 0.71 0.00	74.20 0.73 0.00	70.99 0.56 0.00	72.01 0.64 0.00	69.86 0.69 0.00	74.23 0.73 0.00	70.89 0.77 0.00	82.13 1.69 0.00	73.41 1.30 0.00	68.20 1.14 0.00	64.55 0.89 0.00	62.78 0.81 0.00	60.93 0.78 0.00	57.03 0.90 0.00
MILLIKEN___2 23585	45.93 0.59 0.00	41.77 0.37 0.00	39.57 0.35 0.00	38.14 0.30 0.00	39.33 0.43 0.00	44.65 0.53 0.00	53.77 0.74 0.00	58.24 0.97 0.00	61.92 0.85 0.00	61.65 0.85 0.00	71.88 0.71 0.00	74.20 0.73 0.00	70.99 0.56 0.00	72.01 0.64 0.00	69.86 0.69 0.00	74.23 0.73 0.00	70.89 0.77 0.00	82.13 1.69 0.00	73.41 1.30 0.00	68.20 1.14 0.00	64.55 0.89 0.00	62.78 0.81 0.00	60.93 0.78 0.00	57.03 0.90 0.00
MILLIKEN___DIESEL 23629	45.93 0.59 0.00	41.77 0.37 0.00	39.57 0.35 0.00	38.14 0.30 0.00	39.33 0.43 0.00	44.65 0.53 0.00	53.77 0.74 0.00	58.24 0.97 0.00	61.92 0.85 0.00	61.65 0.85 0.00	71.88 0.71 0.00	74.20 0.73 0.00	70.99 0.56 0.00	72.01 0.64 0.00	69.86 0.69 0.00	74.23 0.73 0.00	70.89 0.77 0.00	82.13 1.69 0.00	73.41 1.30 0.00	68.20 1.14 0.00	64.55 0.89 0.00	62.78 0.81 0.00	60.93 0.78 0.00	57.03 0.90 0.00
MILLSEAT___LFGE 323607	43.93 -1.41 0.00	40.12 -1.28 0.00	37.96 -1.26 0.00	36.62 -1.21 0.00	37.82 -1.09 0.00	42.93 -1.19 0.00	50.43 -2.60 0.00	54.23 -3.04 0.00	57.65 -3.42 0.00	57.58 -3.22 0.00	65.75 -5.41 0.00	67.58 -5.88 0.00	64.72 -5.70 0.00	65.80 -5.57 0.00	63.64 -5.54 0.00	66.95 -6.54 0.00	64.02 -6.10 0.00	73.85 -6.59 0.00	65.55 -6.56 0.00	60.69 -6.37 0.00	57.48 -6.17 0.00	56.09 -5.89 0.00	55.57 -4.57 0.00	53.05 -3.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.06 1.72 0.00	42.81 1.41 0.00	40.55 1.33 0.00	39.20 1.36 0.00	40.34 1.44 0.00	45.75 1.63 0.00	55.30 2.28 0.00	60.53 3.26 0.00	64.73 3.66 0.00	64.57 3.77 0.00	75.86 4.70 0.00	78.46 5.00 0.00	75.07 4.65 0.00	76.07 4.71 0.00	73.88 4.70 0.00	78.71 5.22 0.00	75.03 4.91 0.00	86.08 5.63 0.00	77.37 5.26 0.00	71.96 4.90 0.00	68.43 4.77 0.00	66.69 4.71 0.00	64.42 4.27 0.00	59.95 3.82 0.00
MILLWOOD_13_KV_LOAD 356217	47.20 1.86 0.00	42.93 1.53 0.00	40.62 1.41 0.00	39.27 1.44 0.00	40.42 1.52 0.00	45.89 1.76 0.00	55.46 2.44 0.00	60.76 3.49 0.00	65.04 3.97 0.00	64.82 4.01 0.00	76.15 4.98 0.00	78.75 5.29 0.00	75.35 4.93 0.00	76.36 5.00 0.00	74.15 4.98 0.00	79.00 5.51 0.00	75.31 5.19 0.00	86.40 5.95 0.00	77.66 5.55 0.00	72.16 5.10 0.00	68.68 5.03 0.00	66.87 4.90 0.00	64.66 4.51 0.00	60.06 3.93 0.00
MODEL_CITY_ENERGY 24167	42.35 -2.99 0.00	38.67 -2.73 0.00	36.62 -2.59 0.00	35.34 -2.50 0.00	36.49 -2.41 0.00	41.34 -2.78 0.00	48.31 -4.72 0.00	51.71 -5.55 0.00	55.08 -5.98 0.00	55.02 -5.78 0.00	62.84 -8.33 0.00	64.35 -9.11 0.00	61.69 -8.74 0.00	62.66 -8.71 0.00	60.66 -8.51 0.00	63.79 -9.70 0.00	60.79 -9.33 0.00	70.47 -9.98 0.00	62.45 -9.66 0.00	57.74 -9.32 0.00	54.87 -8.78 0.00	53.67 -8.30 0.00	53.47 -6.68 0.00	51.25 -4.88 0.00
MODERN_LFGE___ 323580	42.35 -2.99 0.00	38.67 -2.73 0.00	36.62 -2.59 0.00	35.34 -2.50 0.00	36.49 -2.41 0.00	41.34 -2.78 0.00	48.31 -4.72 0.00	51.71 -5.55 0.00	55.08 -5.98 0.00	55.02 -5.78 0.00	62.84 -8.33 0.00	64.35 -9.11 0.00	61.69 -8.74 0.00	62.66 -8.71 0.00	60.66 -8.51 0.00	63.79 -9.70 0.00	60.79 -9.33 0.00	70.47 -9.98 0.00	62.45 -9.66 0.00	57.74 -9.32 0.00	54.87 -8.78 0.00	53.67 -8.30 0.00	53.47 -6.68 0.00	51.25 -4.88 0.00
MOHAWK_PAPER___DRP 24187	46.66 1.31 0.00	42.52 1.12 0.00	40.27 1.06 0.00	38.97 1.14 0.00	39.99 1.09 0.00	45.36 1.24 0.00	54.67 1.64 0.00	59.38 2.12 0.00	63.39 2.32 0.00	63.23 2.43 0.00	74.51 3.34 0.00	77.06 3.60 0.00	73.73 3.31 0.00	74.79 3.43 0.00	72.35 3.18 0.00	77.09 3.60 0.00	73.13 3.02 0.00	83.98 3.54 0.00	75.36 3.24 0.00	70.15 3.08 0.00	66.58 2.93 0.00	64.95 2.97 0.00	62.92 2.77 0.00	58.66 2.53 0.00
MOHICAN___35_KV_115KV_LD 80490	47.56 2.22 0.00	43.47 2.07 0.00	41.09 1.88 0.00	39.61 1.78 0.00	40.69 1.79 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.19 2.92 0.00	64.43 3.36 0.00	64.33 3.53 0.00	75.15 3.99 0.00	77.94 4.48 0.00	74.37 3.94 0.00	75.50 4.14 0.00	72.70 3.53 0.00	77.68 4.19 0.00	73.20 3.09 0.00	84.23 3.78 0.00	75.28 3.17 0.00	69.95 2.88 0.00	66.26 2.61 0.00	64.77 2.79 0.00	62.92 2.77 0.00	58.66 2.53 0.00
MONGAUP___HYD 23641	47.29 1.95 0.00	43.14 1.74 0.00	40.86 1.65 0.00	39.27 1.44 0.00	40.46 1.56 0.00	45.97 1.85 0.00	55.09 2.07 0.00	60.13 2.86 0.00	64.36 3.30 0.00	63.96 3.16 0.00	75.00 3.84 0.00	77.35 3.89 0.00	73.94 3.52 0.00	74.93 3.57 0.00	72.97 3.80 0.00	77.90 4.41 0.00	74.40 4.28 0.00	85.52 5.07 0.00	76.73 4.62 0.00	71.22 4.16 0.00	67.79 4.14 0.00	65.88 3.91 0.00	63.82 3.67 0.00	59.90 3.76 0.00
MONTAUK___DIESEL 23721	49.84 4.49 -0.01	44.96 3.56 0.00	42.35 3.14 0.00	40.98 3.14 0.00	42.64 3.73 0.00	48.63 4.50 -0.01	60.64 5.83 -1.78	69.86 7.22 -5.38	68.40 7.33 -0.01	67.62 6.81 -0.01	80.86 7.97 -1.73	81.41 7.93 -0.02	79.95 7.68 -1.85	84.44 7.71 -5.37	82.29 7.61 -5.51	89.51 8.45 -7.57	100.64 8.13 -22.39	102.58 9.57 -12.56	100.50 8.44 -19.95	97.77 7.71 -22.99	80.93 7.45 -9.83	80.12 7.38 -10.77	66.89 6.74 -0.01	64.37 6.51 -1.72
MOONROAD_115KV_HARTFLD_TB1-2 355988	45.16 -0.18 0.00	40.91 -0.50 0.00	38.74 -0.47 0.00	37.42 -0.42 0.00	38.75 -0.16 0.00	43.72 -0.40 0.00	51.28 -1.75 0.00	55.32 -1.95 0.00	58.99 -2.08 0.00	58.49 -2.31 0.00	67.68 -3.49 0.00	69.28 -4.19 0.00	66.55 -3.87 0.00	67.58 -3.78 0.00	65.23 -3.94 0.00	68.42 -5.07 0.00	65.21 -4.91 0.00	75.30 -5.15 0.00	66.49 -5.62 0.00	61.16 -5.90 0.00	57.99 -5.67 0.00	56.77 -5.21 0.00	56.42 -3.73 0.00	53.89 -2.25 0.00

MORRIS_RIDGE___SOLAR 323848	44.57 -0.77 0.00	40.53 -0.87 0.00	38.43 -0.78 0.00	37.04 -0.80 0.00	38.28 -0.62 0.00	43.33 -0.79 0.00	51.17 -1.86 0.00	55.26 -2.01 0.00	58.68 -2.38 0.00	58.62 -2.19 0.00	67.54 -3.63 0.00	69.28 -4.18 0.00	66.34 -4.09 0.00	67.37 -4.00 0.00	65.37 -3.80 0.00	69.01 -4.49 0.00	65.98 -4.14 0.00	76.34 -4.10 0.00	67.79 -4.32 0.00	62.71 -4.36 0.00	59.39 -4.26 0.00	57.76 -4.22 0.00	56.96 -3.19 0.00	54.06 -2.08 0.00
MORTIMER_115KV_TB3 55949	43.71 -1.63 0.00	39.87 -1.53 0.00	37.76 -1.45 0.00	36.47 -1.36 0.00	37.66 -1.24 0.00	42.66 -1.46 0.00	50.64 -2.39 0.00	54.92 -2.35 0.00	58.44 -2.63 0.00	58.01 -2.80 0.00	67.11 -4.06 0.00	69.20 -4.26 0.00	66.27 -4.16 0.00	67.30 -4.07 0.00	65.16 -4.01 0.00	68.79 -4.70 0.00	65.77 -4.35 0.00	76.02 -4.42 0.00	67.64 -4.47 0.00	62.77 -4.29 0.00	59.45 -4.20 0.00	57.89 -4.09 0.00	56.84 -3.31 0.00	53.61 -2.53 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	47.34 1.99 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.50 5.34 0.00	79.05 5.58 0.00	75.71 5.28 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.10 5.99 0.00	72.56 5.50 0.00	69.06 5.41 0.00	67.31 5.33 0.00	65.02 4.87 0.00	60.40 4.27 0.00
MUNSVILLE_WIND_PWR 323609	49.79 4.45 0.00	45.25 3.85 0.00	42.82 3.61 0.00	41.09 3.25 0.00	42.25 3.35 0.00	48.31 4.19 0.00	58.44 5.41 0.00	69.06 11.80 0.00	73.10 12.03 0.00	72.72 11.92 0.00	83.97 12.81 0.00	85.95 12.49 0.00	81.55 11.12 0.00	82.64 11.27 0.00	81.35 12.18 0.00	86.64 13.15 0.00	83.86 13.75 0.00	89.85 9.41 0.00	80.04 7.93 0.00	74.38 7.31 0.00	70.27 6.62 0.00	68.48 6.51 0.00	66.05 5.90 0.00	61.64 5.50 0.00
N SALMON___HYD 24042	47.29 1.95 0.00	43.27 1.86 0.00	40.98 1.77 0.00	40.60 2.76 0.00	41.63 2.72 0.00	46.24 2.12 0.00	55.83 2.81 0.00	59.32 2.06 0.00	63.20 2.14 0.00	62.57 1.76 0.00	73.23 2.07 0.00	75.30 1.84 0.00	72.54 2.11 0.00	73.79 2.43 0.00	71.18 2.01 0.00	74.74 1.25 0.00	72.15 2.03 0.00	81.25 0.80 0.00	73.41 1.30 0.00	68.27 1.21 0.00	65.05 1.40 0.00	63.03 1.05 0.00	61.23 1.08 0.00	57.09 0.95 0.00
N.AKRON__115KV_KNAPP 355671	43.84 -1.50 0.00	39.91 -1.49 0.00	37.84 -1.37 0.00	36.59 -1.25 0.00	37.89 -1.01 0.00	42.84 -1.28 0.00	50.32 -2.70 0.00	54.12 -3.15 0.00	57.46 -3.60 0.00	56.91 -3.89 0.00	65.47 -5.69 0.00	67.29 -6.17 0.00	64.51 -5.92 0.00	65.51 -5.85 0.00	63.36 -5.81 0.00	66.66 -6.83 0.00	63.74 -6.38 0.00	73.61 -6.84 0.00	65.26 -6.85 0.00	60.36 -6.71 0.00	57.22 -6.43 0.00	55.84 -6.14 0.00	55.46 -4.69 0.00	53.05 -3.09 0.00
N.BELMOR_69_KV_BK1 55787	48.35 2.99 -0.01	43.89 2.48 0.00	41.45 2.24 0.00	40.07 2.23 0.00	41.47 2.57 0.00	47.05 2.91 -0.01	58.20 3.66 -1.52	66.82 4.98 -4.58	66.51 5.43 -0.01	66.23 5.41 -0.01	78.97 6.33 -1.47	80.09 6.61 -0.02	78.26 6.27 -1.57	82.28 6.35 -4.56	80.15 6.29 -4.68	86.98 7.06 -6.43	95.66 6.52 -19.02	98.68 7.56 -10.67	96.13 7.07 -16.95	93.16 6.57 -19.53	78.44 6.43 -8.35	77.45 6.32 -9.15	66.30 6.14 -0.01	62.88 5.28 -1.47
N.E_GEN_SANDY PD 24062	50.20 1.86 -3.00	46.45 1.66 -3.39	47.96 1.57 -7.18	47.34 1.47 -8.03	48.53 1.52 -8.11	54.04 1.81 -8.11	62.80 2.28 -7.50	71.34 2.98 -11.10	70.40 3.30 -6.04	67.92 3.34 -3.78	81.90 4.20 -6.54	81.20 4.56 -3.18	78.20 4.23 -3.55	78.90 4.21 -3.33	79.37 4.22 -5.98	87.49 4.63 -9.37	91.89 4.28 -17.49	110.27 4.99 -24.84	97.69 4.68 -20.90	82.70 4.43 -11.21	79.10 4.27 -11.18	77.34 4.15 -11.21	73.91 3.91 -9.85	69.00 3.60 -9.27
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.79 1.45 0.00	42.56 1.16 0.00	40.31 1.10 0.00	39.05 1.21 0.00	40.15 1.24 0.00	45.49 1.37 0.00	54.88 1.86 0.00	60.07 2.81 0.00	64.24 3.18 0.00	64.09 3.28 0.00	75.29 4.13 0.00	77.80 4.33 0.00	74.51 4.08 0.00	75.50 4.14 0.00	73.32 4.15 0.00	78.12 4.63 0.00	74.47 4.35 0.00	85.43 4.99 0.00	76.80 4.69 0.00	71.42 4.36 0.00	67.92 4.26 0.00	66.19 4.21 0.00	63.94 3.79 0.00	59.50 3.37 0.00
N.QUEENS_27_KV_LOAD 356247	47.34 1.99 0.00	42.98 1.57 0.00	40.58 1.37 0.00	39.20 1.36 0.00	40.30 1.40 0.00	45.71 1.59 0.00	55.20 2.17 0.00	60.41 3.15 0.00	64.73 3.66 0.00	64.63 3.83 0.00	76.29 5.12 0.00	78.83 5.36 0.00	75.50 5.07 0.00	76.50 5.14 0.00	74.29 5.12 0.00	79.30 5.81 0.00	75.52 5.40 0.00	86.48 6.03 0.00	77.95 5.84 0.00	72.43 5.37 0.00	69.00 5.35 0.00	67.56 5.58 0.00	65.32 5.17 0.00	60.62 4.49 0.00
N.TROY___115KV_TB1 355778	47.11 1.77 0.00	42.98 1.57 0.00	40.66 1.45 0.00	39.31 1.48 0.00	40.38 1.48 0.00	45.80 1.68 0.00	55.25 2.23 0.00	59.96 2.69 0.00	64.06 2.99 0.00	63.84 3.04 0.00	74.94 3.77 0.00	77.58 4.11 0.00	74.16 3.73 0.00	75.22 3.85 0.00	72.77 3.60 0.00	77.53 4.04 0.00	73.55 3.44 0.00	84.55 4.10 0.00	75.79 3.68 0.00	70.55 3.49 0.00	66.90 3.25 0.00	65.26 3.28 0.00	63.22 3.07 0.00	59.00 2.86 0.00
NARROWS_GT1_1 24228	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NARROWS_GT1_2 24229	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NARROWS_GT1_3 24230	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NARROWS_GT1_4 24231	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01

NARROWS_GT1_5 24232	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NARROWS_GT1_6 24233	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NARROWS_GT1_7 24234	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NARROWS_GT1_8 24235	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NARROWS_GT2_1 24236	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NARROWS_GT2_2 24237	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NARROWS_GT2_3 24238	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NARROWS_GT2_4 24239	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NARROWS_GT2_5 24240	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NARROWS_GT2_6 24241	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NARROWS_GT2_7 24242	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NARROWS_GT2_8 24243	47.79 2.45 -0.01	43.52 2.11 -0.01	41.17 1.96 0.00	39.54 1.70 0.00	40.69 1.79 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.34 4.07 -0.01	65.59 4.52 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.70 6.24 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.12 6.62 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.20 5.05 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.47 2.13 0.00	43.31 1.90 0.00	41.02 1.80 0.00	39.61 1.78 0.00	40.62 1.71 0.00	46.19 2.07 0.00	55.68 2.65 0.00	60.13 2.86 0.00	64.30 3.24 0.00	63.96 3.16 0.00	75.15 3.99 0.00	77.50 4.04 0.00	74.16 3.73 0.00	75.22 3.85 0.00	72.91 3.74 0.00	77.90 4.41 0.00	73.97 3.86 0.00	85.03 4.59 0.00	76.15 4.04 0.00	70.75 3.69 0.00	67.22 3.56 0.00	65.51 3.53 0.00	63.58 3.43 0.00	59.50 3.37 0.00
NCHELSEA_115KV_TR2 355582	47.65 2.31 0.00	43.35 1.95 0.00	41.06 1.84 0.00	39.65 1.82 0.00	40.81 1.91 0.00	46.33 2.21 0.00	55.89 2.86 0.00	61.16 3.89 0.00	65.52 4.46 0.00	65.24 4.44 0.00	76.57 5.41 0.00	79.05 5.58 0.00	75.64 5.21 0.00	76.72 5.35 0.00	74.57 5.40 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.02 5.91 0.00	72.50 5.43 0.00	69.06 5.41 0.00	67.18 5.21 0.00	65.02 4.87 0.00	60.51 4.38 0.00
NEG CAPITAL___MECHNVIL 23645	47.74 2.40 0.00	43.64 2.23 0.00	41.25 2.04 0.00	39.73 1.89 0.00	40.85 1.94 0.00	46.33 2.21 0.00	55.94 2.91 0.00	60.64 3.38 0.00	64.85 3.79 0.00	64.70 3.89 0.00	75.72 4.56 0.00	78.46 5.00 0.00	75.00 4.57 0.00	76.00 4.64 0.00	73.39 4.22 0.00	78.26 4.77 0.00	74.11 3.99 0.00	85.19 4.75 0.00	76.15 4.04 0.00	70.75 3.69 0.00	67.09 3.43 0.00	65.45 3.47 0.00	63.45 3.31 0.00	59.22 3.09 0.00

NEG CENTRAL_HIGH_ACRES 23767	43.21 -2.13 0.00	39.42 -1.99 0.00	37.33 -1.88 0.00	35.98 -1.85 0.00	37.12 -1.79 0.00	42.14 -1.98 0.00	50.27 -2.76 0.00	54.63 -2.63 0.00	58.14 -2.93 0.00	58.07 -2.73 0.00	67.04 -4.13 0.00	69.13 -4.33 0.00	66.20 -4.22 0.00	67.15 -4.21 0.00	65.09 -4.08 0.00	68.79 -4.70 0.00	65.70 -4.42 0.00	75.86 -4.58 0.00	67.57 -4.54 0.00	62.77 -4.29 0.00	59.39 -4.26 0.00	57.83 -4.15 0.00	56.60 -3.55 0.00	53.10 -3.03 0.00
NEG CENTRAL___DRP 24199	44.84 -0.50 0.00	40.82 -0.58 0.00	38.66 -0.55 0.00	37.27 -0.57 0.00	38.52 -0.39 0.00	43.68 -0.44 0.00	52.28 -0.74 0.00	56.92 -0.34 0.00	60.46 -0.61 0.00	60.13 -0.67 0.00	69.95 -1.21 0.00	72.14 -1.32 0.00	69.09 -1.34 0.00	70.15 -1.21 0.00	68.07 -1.11 0.00	72.17 -1.32 0.00	68.93 -1.19 0.00	79.56 -0.88 0.00	71.03 -1.08 0.00	65.92 -1.14 0.00	62.38 -1.27 0.00	60.68 -1.30 0.00	59.07 -1.08 0.00	55.40 -0.73 0.00
NEG CENTRAL___INDECK 23768	45.84 0.50 0.00	41.73 0.33 0.00	39.49 0.28 0.00	38.06 0.23 0.00	39.33 0.43 0.00	44.65 0.53 0.00	53.18 0.16 0.00	56.06 -1.21 0.00	59.36 -1.71 0.00	59.22 -1.58 0.00	67.96 -3.20 0.00	69.94 -3.52 0.00	66.84 -3.59 0.00	67.87 -3.50 0.00	65.85 -3.32 0.00	69.59 -3.90 0.00	66.89 -3.22 0.00	77.31 -3.14 0.00	68.87 -3.24 0.00	63.85 -3.22 0.00	60.34 -3.31 0.00	58.57 -3.41 0.00	57.44 -2.71 0.00	54.00 -2.13 0.00
NEG CENTRAL___SENECA 23627	45.16 -0.18 0.00	41.03 -0.37 0.00	38.90 -0.31 0.00	37.53 -0.30 0.00	38.79 -0.12 0.00	43.99 -0.13 0.00	52.44 -0.58 0.00	57.15 -0.11 0.00	60.58 -0.49 0.00	60.25 -0.55 0.00	69.95 -1.21 0.00	72.14 -1.32 0.00	69.02 -1.41 0.00	70.15 -1.21 0.00	68.07 -1.11 0.00	72.17 -1.32 0.00	69.00 -1.12 0.00	79.80 -0.64 0.00	71.10 -1.01 0.00	65.92 -1.14 0.00	62.38 -1.27 0.00	60.61 -1.36 0.00	59.13 -1.02 0.00	55.57 -0.56 0.00
NEG CENTRAL___STATE_STREET 24147	44.84 -0.50 0.00	40.82 -0.58 0.00	38.66 -0.55 0.00	37.31 -0.53 0.00	38.48 -0.43 0.00	43.68 -0.44 0.00	52.55 -0.48 0.00	57.15 -0.11 0.00	60.82 -0.24 0.00	60.56 -0.24 0.00	70.60 -0.57 0.00	72.87 -0.59 0.00	69.79 -0.63 0.00	70.72 -0.64 0.00	68.62 -0.55 0.00	72.76 -0.73 0.00	69.49 -0.63 0.00	80.12 -0.32 0.00	71.61 -0.50 0.00	66.53 -0.54 0.00	63.02 -0.64 0.00	61.23 -0.74 0.00	59.49 -0.66 0.00	55.63 -0.51 0.00
NEG MILLWOOD___DRP 24198	47.83 2.49 0.00	43.51 2.11 0.00	41.17 1.96 0.00	39.77 1.93 0.00	40.93 2.02 0.00	46.50 2.38 0.00	56.37 3.34 0.00	61.73 4.47 0.00	66.20 5.13 0.00	65.91 5.11 0.00	77.36 6.19 0.00	80.00 6.54 0.00	76.48 6.06 0.00	77.50 6.14 0.00	75.26 6.09 0.00	80.18 6.69 0.00	76.36 6.24 0.00	87.60 7.16 0.00	78.74 6.63 0.00	73.17 6.10 0.00	69.70 6.05 0.00	67.80 5.83 0.00	65.50 5.35 0.00	60.79 4.66 0.00
NEG NORTH_FLCN_SEA 23793	46.84 1.50 0.00	43.14 1.74 0.00	40.90 1.69 0.00	39.05 1.21 0.00	40.03 1.13 0.00	45.66 1.54 0.00	54.93 1.91 0.00	58.07 0.80 0.00	61.86 0.79 0.00	61.53 0.73 0.00	72.02 0.85 0.00	73.54 0.07 0.00	71.48 1.06 0.00	71.72 0.36 0.00	70.14 0.97 0.00	73.49 0.00 0.00	71.38 1.26 0.00	80.04 -0.40 0.00	72.40 0.29 0.00	67.87 0.80 0.00	64.61 0.95 0.00	62.66 0.68 0.00	60.87 0.72 0.00	56.75 0.62 0.00
NEG NORTH_KES_CHATEGAY 23792	46.70 1.36 0.00	43.14 1.74 0.00	40.90 1.69 0.00	38.97 1.14 0.00	39.95 1.05 0.00	45.49 1.37 0.00	54.72 1.70 0.00	57.78 0.52 0.00	61.56 0.49 0.00	61.17 0.36 0.00	71.59 0.43 0.00	73.61 0.15 0.00	71.06 0.63 0.00	71.79 0.43 0.00	69.66 0.48 0.00	73.49 0.00 0.00	70.89 0.77 0.00	80.20 -0.24 0.00	72.40 0.29 0.00	67.40 0.34 0.00	64.16 0.51 0.00	62.29 0.31 0.00	60.45 0.30 0.00	56.41 0.28 0.00
NEG NORTH___ALICE_FALLS 23915	47.15 1.81 0.00	43.47 2.07 0.00	41.21 2.00 0.00	39.31 1.48 0.00	40.30 1.40 0.00	46.02 1.90 0.00	55.36 2.33 0.00	58.58 1.32 0.00	62.41 1.34 0.00	62.02 1.22 0.00	72.59 1.42 0.00	74.34 0.88 0.00	72.04 1.62 0.00	72.58 1.21 0.00	70.69 1.52 0.00	74.30 0.81 0.00	72.08 1.96 0.00	80.93 0.48 0.00	73.26 1.15 0.00	68.47 1.41 0.00	65.18 1.53 0.00	63.16 1.18 0.00	61.35 1.20 0.00	57.26 1.12 0.00
NEG NORTH___LWR_SARANAC 23913	47.15 1.81 0.00	43.47 2.07 0.00	41.21 2.00 0.00	39.31 1.48 0.00	40.30 1.40 0.00	46.02 1.90 0.00	55.36 2.33 0.00	58.58 1.32 0.00	62.41 1.34 0.00	62.02 1.22 0.00	72.59 1.42 0.00	74.34 0.88 0.00	72.04 1.62 0.00	72.58 1.21 0.00	70.69 1.52 0.00	74.30 0.81 0.00	72.08 1.96 0.00	80.93 0.48 0.00	73.26 1.15 0.00	68.47 1.41 0.00	65.18 1.53 0.00	63.16 1.18 0.00	61.35 1.20 0.00	57.26 1.12 0.00
NEG NORTH___PLATTSBURG 23628	47.16 1.82 0.00	43.14 1.74 0.00	40.82 1.61 0.00	39.61 1.78 0.00	40.61 1.71 0.00	46.02 1.90 0.00	55.36 2.33 0.00	58.58 1.32 0.00	62.41 1.34 0.00	61.95 1.15 0.00	72.59 1.42 0.00	74.35 0.88 0.00	72.05 1.62 0.00	73.29 1.93 0.00	70.69 1.52 0.00	74.30 0.81 0.00	72.01 1.89 0.00	80.93 0.49 0.00	73.19 1.08 0.00	68.48 1.41 0.00	65.18 1.53 0.00	63.15 1.17 0.00	61.35 1.20 0.00	57.26 1.12 0.00
NEG WEST_LEA_LOCKPORT 23791	43.07 -2.27 0.00	39.21 -2.19 0.00	37.17 -2.04 0.00	35.94 -1.89 0.00	37.23 -1.67 0.00	42.05 -2.07 0.00	49.15 -3.87 0.00	52.40 -4.87 0.00	55.75 -5.31 0.00	55.15 -5.65 0.00	63.48 -7.69 0.00	65.16 -8.30 0.00	62.47 -7.96 0.00	63.44 -7.92 0.00	61.36 -7.82 0.00	64.52 -8.97 0.00	61.56 -8.55 0.00	71.11 -9.33 0.00	63.02 -9.09 0.00	58.28 -8.79 0.00	55.32 -8.34 0.00	54.11 -7.87 0.00	53.89 -6.26 0.00	51.98 -4.15 0.00
NEG WEST___LANCASTER 23811	44.43 -0.91 0.00	40.33 -1.08 0.00	38.31 -0.90 0.00	37.00 -0.83 0.00	38.36 -0.54 0.00	43.28 -0.84 0.00	50.85 -2.17 0.00	54.57 -2.69 0.00	57.95 -3.11 0.00	57.40 -3.40 0.00	66.33 -4.84 0.00	68.03 -5.44 0.00	65.21 -5.21 0.00	66.23 -5.14 0.00	64.12 -5.05 0.00	67.46 -6.03 0.00	64.72 -5.40 0.00	74.97 -5.47 0.00	66.49 -5.62 0.00	61.43 -5.63 0.00	58.24 -5.41 0.00	56.83 -5.14 0.00	56.30 -3.85 0.00	54.00 -2.13 0.00
NEG_PENN_ALLEGHNY 23528	45.48 0.14 0.00	41.44 0.04 0.00	39.25 0.04 0.00	37.80 -0.04 0.00	38.98 0.08 0.00	44.25 0.13 0.00	53.08 0.05 0.00	57.67 0.40 0.00	61.37 0.31 0.00	61.17 0.37 0.00	71.24 0.07 0.00	73.46 0.00 0.00	70.28 -0.14 0.00	71.15 -0.21 0.00	69.10 -0.07 0.00	73.27 -0.22 0.00	69.91 -0.21 0.00	80.61 0.16 0.00	72.04 -0.07 0.00	66.93 -0.13 0.00	63.40 -0.25 0.00	61.73 -0.25 0.00	60.09 -0.06 0.00	56.36 0.23 0.00
NEG___GEN_MONROE 24207	43.89 -1.45 0.00	40.04 -1.37 0.00	37.88 -1.33 0.00	36.59 -1.25 0.00	37.81 -1.09 0.00	42.84 -1.28 0.00	50.80 -2.23 0.00	54.92 -2.35 0.00	58.32 -2.75 0.00	57.82 -2.98 0.00	66.68 -4.48 0.00	68.69 -4.78 0.00	65.92 -4.51 0.00	66.94 -4.42 0.00	64.68 -4.50 0.00	68.20 -5.29 0.00	65.21 -4.91 0.00	75.38 -5.07 0.00	67.13 -4.98 0.00	62.24 -4.83 0.00	58.82 -4.84 0.00	57.27 -4.71 0.00	56.48 -3.67 0.00	53.38 -2.75 0.00

NEPA__ENERGY 23901	44.16 -1.18 0.00	40.12 -1.28 0.00	38.08 -1.14 0.00	36.78 -1.06 0.00	38.05 -0.86 0.00	42.97 -1.15 0.00	50.32 -2.70 0.00	54.12 -3.15 0.00	57.71 -3.36 0.00	57.09 -3.71 0.00	65.90 -5.27 0.00	67.59 -5.88 0.00	64.79 -5.63 0.00	65.80 -5.57 0.00	63.64 -5.53 0.00	66.88 -6.61 0.00	63.81 -6.31 0.00	73.93 -6.52 0.00	65.48 -6.63 0.00	60.49 -6.57 0.00	57.42 -6.24 0.00	56.15 -5.83 0.00	55.82 -4.33 0.00	53.38 -2.75 0.00
NEVERSINK__HYD 23608	47.65 2.31 0.00	43.43 2.03 0.00	41.13 1.92 0.00	39.54 1.70 0.00	40.73 1.83 0.00	46.37 2.25 0.00	55.94 2.91 0.00	61.33 4.07 0.00	65.71 4.64 0.00	65.30 4.50 0.00	76.50 5.34 0.00	78.82 5.36 0.00	75.35 4.93 0.00	76.29 4.92 0.00	74.29 5.12 0.00	79.29 5.80 0.00	75.73 5.61 0.00	86.72 6.28 0.00	77.74 5.63 0.00	72.16 5.09 0.00	68.75 5.09 0.00	66.82 4.84 0.00	64.72 4.57 0.00	60.40 4.26 0.00
NEWKRMKL_115KV_TB1 55635	46.07 0.73 0.00	42.02 0.62 0.00	39.84 0.63 0.00	38.59 0.76 0.00	39.53 0.62 0.00	44.83 0.71 0.00	54.03 1.01 0.00	58.70 1.43 0.00	62.65 1.59 0.00	62.57 1.76 0.00	73.94 2.78 0.00	76.47 3.01 0.00	73.17 2.75 0.00	74.22 2.85 0.00	71.80 2.63 0.00	76.50 3.01 0.00	72.50 2.38 0.00	83.26 2.82 0.00	74.78 2.67 0.00	69.61 2.55 0.00	66.01 2.36 0.00	64.39 2.42 0.00	62.43 2.29 0.00	58.21 2.08 0.00
NEWTON__FALLS_HYD 23847	45.98 0.63 0.00	44.59 3.19 0.00	42.27 3.06 0.00	38.18 0.34 0.00	39.18 0.27 0.00	44.96 0.84 0.00	54.72 1.70 0.00	59.38 2.12 0.00	63.14 2.08 0.00	62.50 1.70 0.00	72.59 1.42 0.00	74.64 1.18 0.00	71.41 0.99 0.00	72.29 0.93 0.00	70.42 1.25 0.00	73.56 0.07 0.00	70.54 0.42 0.00	80.20 -0.24 0.00	71.53 -0.58 0.00	66.53 -0.54 0.00	63.08 -0.57 0.00	61.30 -0.68 0.00	59.67 -0.48 0.00	55.29 -0.84 0.00
NGRID_A1_DSASP 323792	42.12 -3.22 0.00	38.55 -2.86 0.00	36.54 -2.67 0.00	35.23 -2.61 0.00	36.38 -2.53 0.00	41.25 -2.87 0.00	47.93 -5.09 0.00	51.42 -5.84 0.00	54.84 -6.23 0.00	54.72 -6.08 0.00	62.48 -8.68 0.00	64.06 -9.40 0.00	61.34 -9.08 0.00	62.30 -9.06 0.00	60.32 -8.85 0.00	63.42 -10.07 0.00	60.44 -9.68 0.00	70.15 -10.30 0.00	62.16 -9.95 0.00	57.47 -9.59 0.00	54.62 -9.04 0.00	53.49 -8.49 0.00	53.35 -6.80 0.00	50.97 -5.16 0.00
NGRID_A2_DSASP 323793	42.12 -3.22 0.00	38.55 -2.86 0.00	36.54 -2.67 0.00	35.23 -2.61 0.00	36.38 -2.53 0.00	41.25 -2.87 0.00	47.93 -5.09 0.00	51.42 -5.84 0.00	54.84 -6.23 0.00	54.72 -6.08 0.00	62.48 -8.68 0.00	64.06 -9.40 0.00	61.34 -9.08 0.00	62.30 -9.06 0.00	60.32 -8.85 0.00	63.42 -10.07 0.00	60.44 -9.68 0.00	70.15 -10.30 0.00	62.16 -9.95 0.00	57.47 -9.59 0.00	54.62 -9.04 0.00	53.49 -8.49 0.00	53.35 -6.80 0.00	50.97 -5.16 0.00
NGRID_A4_DSASP 323807	42.12 -3.22 0.00	38.55 -2.86 0.00	36.54 -2.67 0.00	35.23 -2.61 0.00	36.38 -2.53 0.00	41.25 -2.87 0.00	47.93 -5.09 0.00	51.42 -5.84 0.00	54.84 -6.23 0.00	54.72 -6.08 0.00	62.48 -8.68 0.00	64.06 -9.40 0.00	61.34 -9.08 0.00	62.30 -9.06 0.00	60.32 -8.85 0.00	63.42 -10.07 0.00	60.44 -9.68 0.00	70.15 -10.30 0.00	62.16 -9.95 0.00	57.47 -9.59 0.00	54.62 -9.04 0.00	53.49 -8.49 0.00	53.35 -6.80 0.00	50.97 -5.16 0.00
NIAGARA_115E_LBMP 323715	41.94 -3.40 0.00	38.25 -3.15 0.00	36.27 -2.94 0.00	34.96 -2.88 0.00	36.10 -2.80 0.00	40.94 -3.18 0.00	47.77 -5.25 0.00	51.14 -6.13 0.00	54.53 -6.53 0.00	54.48 -6.32 0.00	62.20 -8.97 0.00	63.69 -9.77 0.00	61.06 -9.37 0.00	62.02 -9.35 0.00	60.04 -9.13 0.00	63.13 -10.36 0.00	60.16 -9.96 0.00	69.99 -10.46 0.00	62.01 -10.10 0.00	57.34 -9.72 0.00	54.49 -9.17 0.00	53.30 -8.68 0.00	53.17 -6.98 0.00	50.86 -5.28 0.00
NIAGARA_115W_LBMP 323714	41.99 -3.35 0.00	38.46 -2.94 0.00	36.47 -2.75 0.00	35.15 -2.69 0.00	36.30 -2.61 0.00	41.16 -2.96 0.00	47.83 -5.19 0.00	51.31 -5.96 0.00	54.71 -6.35 0.00	54.60 -6.20 0.00	62.34 -8.83 0.00	63.91 -9.55 0.00	61.20 -9.22 0.00	62.16 -9.21 0.00	60.18 -8.99 0.00	63.28 -10.21 0.00	60.30 -9.82 0.00	69.99 -10.46 0.00	62.01 -10.10 0.00	57.34 -9.72 0.00	54.55 -9.10 0.00	53.36 -8.61 0.00	53.23 -6.92 0.00	50.92 -5.22 0.00
NIAGARA_230_LBMP 323716	42.35 -2.99 0.00	38.67 -2.73 0.00	36.66 -2.55 0.00	35.34 -2.50 0.00	36.49 -2.41 0.00	41.38 -2.74 0.00	48.31 -4.72 0.00	51.82 -5.44 0.00	55.26 -5.80 0.00	55.21 -5.59 0.00	63.05 -8.11 0.00	64.64 -8.82 0.00	61.90 -8.52 0.00	62.87 -8.49 0.00	60.87 -8.30 0.00	64.01 -9.48 0.00	61.07 -9.04 0.00	70.87 -9.57 0.00	62.81 -9.30 0.00	58.15 -8.92 0.00	55.25 -8.40 0.00	54.04 -7.93 0.00	53.83 -6.31 0.00	51.42 -4.72 0.00
NIAGARA__115KV_198_GIBSON 55903	41.99 -3.36 0.00	38.38 -3.02 0.00	36.43 -2.78 0.00	35.19 -2.65 0.00	36.45 -2.45 0.00	41.16 -2.96 0.00	47.83 -5.20 0.00	51.31 -5.96 0.00	54.72 -6.35 0.00	54.05 -6.75 0.00	62.20 -8.97 0.00	63.84 -9.62 0.00	61.20 -9.23 0.00	62.16 -9.21 0.00	60.18 -8.99 0.00	63.20 -10.29 0.00	60.30 -9.82 0.00	69.99 -10.46 0.00	62.01 -10.10 0.00	57.34 -9.72 0.00	54.49 -9.17 0.00	53.36 -8.61 0.00	53.23 -6.92 0.00	50.97 -5.16 0.00
NIAGARA____ 23760	42.35 -2.99 0.00	38.67 -2.73 0.00	36.66 -2.55 0.00	35.34 -2.50 0.00	36.49 -2.41 0.00	41.38 -2.74 0.00	48.31 -4.72 0.00	51.82 -5.44 0.00	55.26 -5.80 0.00	55.21 -5.59 0.00	63.05 -8.11 0.00	64.64 -8.82 0.00	61.90 -8.52 0.00	62.87 -8.49 0.00	60.87 -8.30 0.00	64.01 -9.48 0.00	61.07 -9.04 0.00	70.87 -9.57 0.00	62.81 -9.30 0.00	58.15 -8.92 0.00	55.25 -8.40 0.00	54.04 -7.93 0.00	53.83 -6.31 0.00	51.42 -4.72 0.00
NINE_MILE_1 23575	43.57 -1.77 0.00	39.74 -1.66 0.00	37.64 -1.57 0.00	36.32 -1.51 0.00	37.39 -1.52 0.00	42.40 -1.72 0.00	50.96 -2.07 0.00	55.21 -2.06 0.00	58.81 -2.26 0.00	58.62 -2.19 0.00	68.39 -2.78 0.00	70.60 -2.87 0.00	67.61 -2.82 0.00	68.51 -2.86 0.00	66.47 -2.70 0.00	70.55 -2.94 0.00	67.31 -2.81 0.00	77.31 -3.14 0.00	69.22 -2.89 0.00	64.38 -2.68 0.00	61.04 -2.61 0.00	59.43 -2.54 0.00	57.74 -2.41 0.00	53.94 -2.19 0.00
NINE_MILE_2 23744	43.57 -1.77 0.00	39.74 -1.66 0.00	37.64 -1.57 0.00	36.32 -1.51 0.00	37.39 -1.52 0.00	42.40 -1.72 0.00	50.96 -2.07 0.00	55.21 -2.06 0.00	58.81 -2.26 0.00	58.62 -2.19 0.00	68.39 -2.78 0.00	70.60 -2.87 0.00	67.68 -2.75 0.00	68.51 -2.86 0.00	66.47 -2.70 0.00	70.55 -2.94 0.00	67.31 -2.81 0.00	77.31 -3.14 0.00	69.22 -2.89 0.00	64.38 -2.68 0.00	61.04 -2.61 0.00	59.43 -2.54 0.00	57.74 -2.41 0.00	53.94 -2.19 0.00
NM_CAPITAL__DRP 24208	46.29 0.95 0.00	42.23 0.83 0.00	40.00 0.78 0.00	38.74 0.91 0.00	39.72 0.82 0.00	45.05 0.93 0.00	54.30 1.27 0.00	58.93 1.66 0.00	62.90 1.83 0.00	62.81 2.01 0.00	74.15 2.99 0.00	76.69 3.23 0.00	73.38 2.96 0.00	74.36 3.00 0.00	72.01 2.84 0.00	76.72 3.23 0.00	72.78 2.66 0.00	83.58 3.14 0.00	74.99 2.88 0.00	69.81 2.75 0.00	66.26 2.61 0.00	64.64 2.67 0.00	62.61 2.47 0.00	58.44 2.30 0.00

NM_CENTRAL___DRP 24181	44.48 -0.86 0.00	40.53 -0.87 0.00	38.43 -0.78 0.00	37.04 -0.79 0.00	38.17 -0.74 0.00	43.33 -0.79 0.00	52.02 -1.01 0.00	56.52 -0.74 0.00	60.21 -0.85 0.00	60.01 -0.79 0.00	70.03 -1.14 0.00	72.29 -1.18 0.00	69.23 -1.20 0.00	70.15 -1.21 0.00	68.00 -1.18 0.00	72.17 -1.32 0.00	68.86 -1.26 0.00	79.16 -1.29 0.00	70.81 -1.30 0.00	65.79 -1.27 0.00	62.38 -1.27 0.00	60.68 -1.30 0.00	59.01 -1.14 0.00	55.12 -1.01 0.00
NM_FRONTIER___DRP 24179	41.99 -3.36 0.00	38.38 -3.02 0.00	36.43 -2.78 0.00	35.19 -2.65 0.00	36.45 -2.45 0.00	41.16 -2.96 0.00	47.83 -5.20 0.00	51.31 -5.96 0.00	54.72 -6.35 0.00	54.05 -6.75 0.00	62.20 -8.97 0.00	63.84 -9.62 0.00	61.20 -9.23 0.00	62.16 -9.21 0.00	60.18 -8.99 0.00	63.20 -10.29 0.00	60.30 -9.82 0.00	69.99 -10.46 0.00	62.01 -10.10 0.00	57.34 -9.72 0.00	54.49 -9.17 0.00	53.36 -8.61 0.00	53.23 -6.92 0.00	50.97 -5.16 0.00
NM_ST_REGIS___HYD 24053	47.06 1.72 0.00	46.33 4.93 0.00	43.92 4.71 0.00	39.12 1.29 0.00	40.11 1.21 0.00	46.06 1.94 0.00	55.99 2.97 0.00	60.13 2.86 0.00	63.94 2.87 0.00	63.17 2.37 0.00	73.58 2.42 0.00	75.59 2.13 0.00	72.54 2.11 0.00	73.36 2.00 0.00	71.46 2.28 0.00	74.15 0.66 0.00	71.31 1.19 0.00	80.52 0.08 0.00	72.11 0.00 0.00	67.06 0.00 0.00	63.78 0.13 0.00	61.92 -0.06 0.00	60.39 0.24 0.00	56.25 0.11 0.00
NORTHPORT___1 23551	48.66 3.31 -0.01	44.38 2.98 0.00	41.76 2.55 0.00	40.29 2.46 0.00	41.71 2.80 0.00	47.39 3.26 -0.01	59.06 4.24 -1.79	68.23 5.55 -5.41	67.00 5.92 -0.01	66.52 5.71 -0.01	80.30 7.40 -1.73	81.12 7.64 -0.02	79.47 7.19 -1.86	83.90 7.14 -5.40	81.98 7.26 -5.54	89.04 7.94 -7.61	100.21 7.58 -22.51	101.84 8.77 -12.63	100.25 8.07 -20.06	97.62 7.44 -23.12	80.86 7.32 -9.89	79.93 7.12 -10.82	67.07 6.91 -0.01	63.88 6.01 -1.73
NORTHPORT___2 23552	48.66 3.31 -0.01	44.38 2.98 0.00	41.76 2.55 0.00	40.29 2.46 0.00	41.71 2.80 0.00	47.39 3.26 -0.01	59.06 4.24 -1.79	68.23 5.55 -5.41	67.00 5.92 -0.01	66.52 5.71 -0.01	80.30 7.40 -1.73	81.12 7.64 -0.02	79.47 7.19 -1.86	83.90 7.14 -5.40	81.98 7.26 -5.54	89.04 7.94 -7.61	100.21 7.58 -22.51	101.84 8.77 -12.63	100.25 8.07 -20.06	97.62 7.44 -23.12	80.86 7.32 -9.89	79.93 7.12 -10.82	67.07 6.91 -0.01	63.88 6.01 -1.73
NORTHPORT___3 23553	48.16 2.81 -0.01	43.97 2.57 0.00	41.37 2.16 0.00	39.84 2.00 0.00	41.24 2.33 0.00	46.91 2.78 -0.01	58.36 3.55 -1.78	67.41 4.75 -5.39	66.39 5.31 -0.01	66.10 5.29 -0.01	78.94 6.05 -1.73	79.80 6.32 -0.02	78.26 5.98 -1.85	82.66 5.92 -5.38	80.71 6.02 -5.52	87.76 6.69 -7.58	98.30 5.75 -22.43	99.54 6.51 -12.58	98.30 6.20 -19.99	96.26 6.17 -23.03	79.68 6.17 -9.85	78.77 6.01 -10.78	65.93 5.77 -0.01	62.74 4.88 -1.73
NORTHPORT___4 23650	48.16 2.81 -0.01	43.97 2.57 0.00	41.37 2.16 0.00	39.84 2.00 0.00	41.24 2.33 0.00	46.91 2.78 -0.01	58.36 3.55 -1.78	67.41 4.75 -5.39	66.39 5.31 -0.01	66.10 5.29 -0.01	78.94 6.05 -1.73	79.80 6.32 -0.02	78.26 5.98 -1.85	82.66 5.92 -5.38	80.71 6.02 -5.52	87.76 6.69 -7.58	98.30 5.75 -22.43	99.54 6.51 -12.58	98.30 6.20 -19.99	96.26 6.17 -23.03	79.68 6.17 -9.85	78.77 6.01 -10.78	65.93 5.77 -0.01	62.74 4.88 -1.73
NORTHPORT___IC 23718	48.66 3.31 -0.01	44.05 2.65 0.00	41.64 2.43 0.00	40.37 2.53 0.00	41.78 2.88 0.00	47.39 3.26 -0.01	59.06 4.24 -1.79	68.40 5.73 -5.41	67.06 5.98 -0.01	66.53 5.72 -0.01	80.30 7.40 -1.73	81.12 7.64 -0.02	79.47 7.18 -1.86	84.04 7.28 -5.40	81.98 7.26 -5.54	89.11 8.01 -7.61	100.21 7.57 -22.51	101.84 8.77 -12.63	100.25 8.08 -20.06	97.62 7.44 -23.12	80.92 7.38 -9.89	79.99 7.19 -10.82	67.07 6.92 -0.01	63.87 6.01 -1.73
NORTH___COUNTRY_ESR 323785	46.56 1.22 0.00	42.56 1.16 0.00	40.31 1.10 0.00	39.20 1.36 0.00	40.19 1.28 0.00	45.35 1.23 0.00	54.51 1.48 0.00	57.55 0.29 0.00	61.31 0.25 0.00	60.86 0.06 0.00	71.31 0.14 0.00	73.32 -0.15 0.00	70.78 0.35 0.00	71.93 0.57 0.00	69.45 0.28 0.00	73.27 -0.22 0.00	70.61 0.49 0.00	79.89 -0.56 0.00	72.04 -0.07 0.00	67.13 0.07 0.00	63.85 0.19 0.00	62.04 0.06 0.00	60.21 0.06 0.00	56.19 0.06 0.00
NPX_GEN_1385_PROXY 323591	48.75 3.40 -0.01	44.55 3.15 0.00	41.84 2.63 0.00	40.79 2.95 0.00	42.25 3.35 0.00	47.70 3.57 -0.01	59.64 4.82 -1.79	69.20 6.53 -5.41	67.37 6.29 -0.01	66.34 5.53 -0.01	82.29 9.39 -1.73	83.10 9.62 -0.02	81.43 9.15 -1.86	85.61 8.85 -5.40	83.50 8.79 -5.54	90.95 9.85 -7.61	104.12 9.46 -24.54	120.53 11.02 -29.06	104.00 10.09 -21.79	99.23 9.05 -23.12	91.00 9.10 -18.24	81.60 8.80 -10.82	68.70 8.54 -0.01	65.50 7.63 -1.73
NPX_GEN_CSC 323557	49.43 4.08 -0.01	45.00 3.60 0.00	42.27 3.06 0.00	40.71 2.87 0.00	42.25 3.35 0.00	48.14 4.01 -0.01	60.01 5.20 -1.78	69.17 6.53 -5.38	68.10 7.02 -0.01	67.50 6.69 -0.01	81.00 8.11 -1.73	81.42 7.94 -0.02	79.88 7.61 -1.85	84.80 8.06 -5.37	82.84 8.16 -5.51	90.02 8.96 -7.57	101.13 8.62 -22.39	103.14 10.14 -12.56	101.30 9.23 -19.95	98.44 8.38 -22.99	81.70 8.21 -9.83	80.74 8.00 -10.77	67.74 7.58 -0.01	64.65 6.79 -1.72
NSINS_S__GLNS_FALLS 23858	47.47 2.13 0.00	43.39 1.99 0.00	41.02 1.80 0.00	39.54 1.70 0.00	40.65 1.75 0.00	45.84 1.72 0.00	55.52 2.49 0.00	60.01 2.75 0.00	64.30 3.24 0.00	64.15 3.34 0.00	74.94 3.77 0.00	77.80 4.33 0.00	74.23 3.80 0.00	75.29 3.93 0.00	72.49 3.32 0.00	77.53 4.04 0.00	73.06 2.94 0.00	83.98 3.54 0.00	75.07 2.96 0.00	69.75 2.68 0.00	66.07 2.42 0.00	64.58 2.60 0.00	62.80 2.65 0.00	58.55 2.41 0.00
NUCOR_STEEL___DRP 24197	44.89 -0.45 0.00	40.86 -0.54 0.00	38.70 -0.51 0.00	37.31 -0.53 0.00	38.48 -0.43 0.00	43.64 -0.49 0.00	52.49 -0.53 0.00	57.09 -0.17 0.00	60.70 -0.37 0.00	60.50 -0.30 0.00	70.52 -0.64 0.00	72.80 -0.66 0.00	69.79 -0.63 0.00	70.65 -0.71 0.00	68.55 -0.62 0.00	72.76 -0.73 0.00	69.42 -0.70 0.00	80.04 -0.40 0.00	71.53 -0.58 0.00	66.46 -0.60 0.00	62.95 -0.70 0.00	61.23 -0.74 0.00	59.49 -0.66 0.00	55.63 -0.51 0.00
NUMBER_THREE_WT_PWR 323818	46.16 0.82 0.00	42.06 0.66 0.00	39.84 0.63 0.00	39.35 1.52 0.00	40.46 1.56 0.00	45.09 0.97 0.00	54.72 1.70 0.00	59.67 2.40 0.00	63.51 2.45 0.00	63.05 2.25 0.00	73.23 2.07 0.00	75.45 1.98 0.00	71.97 1.55 0.00	72.93 1.57 0.00	71.04 1.87 0.00	74.96 1.47 0.00	71.80 1.68 0.00	82.14 1.69 0.00	73.34 1.22 0.00	68.13 1.07 0.00	64.48 0.83 0.00	62.78 0.80 0.00	60.87 0.72 0.00	56.08 -0.06 0.00
NYISO_LBMP_REFERENCE 24008	45.34 0.00 0.00	41.40 0.00 0.00	39.21 0.00 0.00	37.84 0.00 0.00	38.90 0.00 0.00	44.12 0.00 0.00	53.02 0.00 0.00	57.26 0.00 0.00	61.07 0.00 0.00	60.80 0.00 0.00	71.16 0.00 0.00	73.46 0.00 0.00	70.42 0.00 0.00	71.36 0.00 0.00	69.17 0.00 0.00	73.49 0.00 0.00	70.12 0.00 0.00	80.44 0.00 0.00	72.11 0.00 0.00	67.06 0.00 0.00	63.65 0.00 0.00	61.98 0.00 0.00	60.15 0.00 0.00	56.13 0.00 0.00

NYPA_BRENTWD____GT 24164	49.16 3.81 -0.01	44.80 3.40 0.00	42.11 2.90 0.00	40.60 2.76 0.00	42.10 3.19 0.00	47.88 3.75 -0.01	59.62 4.82 -1.77	68.80 6.19 -5.35	67.79 6.72 -0.01	67.32 6.51 -0.01	80.99 8.11 -1.71	81.85 8.37 -0.02	80.22 7.96 -1.84	84.62 7.92 -5.33	82.67 8.02 -5.48	89.75 8.74 -7.52	100.71 8.34 -22.25	102.65 9.73 -12.48	100.88 8.94 -19.83	98.09 8.18 -22.84	81.44 8.02 -9.77	80.48 7.81 -10.70	67.68 7.52 -0.01	64.41 6.56 -1.71
NYPA_GOWANUS____GT5 24156	47.75 2.40 -0.01	43.48 2.07 -0.01	41.13 1.92 0.00	39.50 1.66 0.00	40.69 1.79 0.00	46.24 2.12 0.00	55.95 2.91 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.43 4.62 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.05 5.88 0.00	80.04 6.54 -0.01	75.84 6.17 0.45	86.86 7.00 0.58	78.22 6.63 0.52	73.17 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.14 4.99 -0.01
NYPA_GOWANUS____GT6 24157	47.75 2.40 -0.01	43.48 2.07 -0.01	41.13 1.92 0.00	39.50 1.66 0.00	40.69 1.79 0.00	46.24 2.12 0.00	55.95 2.91 -0.01	61.28 4.01 -0.01	65.59 4.52 -0.01	65.43 4.62 -0.01	77.14 5.98 0.00	79.63 6.17 0.00	76.34 5.92 0.00	77.14 5.78 0.00	75.05 5.88 0.00	80.04 6.54 -0.01	75.84 6.17 0.45	86.86 7.00 0.58	78.22 6.63 0.52	73.17 6.10 -0.01	69.71 6.05 -0.01	68.00 6.01 -0.01	65.75 5.59 -0.01	61.14 4.99 -0.01
NYPA_HARLEM_RVR_GT1 24160	47.29 1.95 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.08 1.25 0.00	40.23 1.32 0.00	45.66 1.54 0.00	55.20 2.17 0.00	60.40 3.15 0.01	64.66 3.60 0.01	64.50 3.71 0.01	76.21 5.05 0.01	78.67 5.22 0.01	75.42 5.00 0.01	76.21 4.86 0.01	74.15 4.98 0.01	79.07 5.58 0.01	75.37 5.26 0.01	86.31 5.87 0.01	77.80 5.70 0.01	72.29 5.23 0.01	68.87 5.22 0.01	67.43 5.46 0.00	65.26 5.11 0.00	60.79 4.66 0.00
NYPA_HARLEM_RVR_GT2 24161	47.29 1.95 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.08 1.25 0.00	40.23 1.32 0.00	45.66 1.54 0.00	55.20 2.17 0.00	60.40 3.15 0.01	64.66 3.60 0.01	64.50 3.71 0.01	76.21 5.05 0.01	78.67 5.22 0.01	75.42 5.00 0.01	76.21 4.86 0.01	74.15 4.98 0.01	79.07 5.58 0.01	75.37 5.26 0.01	86.31 5.87 0.01	77.80 5.70 0.01	72.29 5.23 0.01	68.87 5.22 0.01	67.43 5.46 0.00	65.26 5.11 0.00	60.79 4.66 0.00
NYPA_KENT____GT 24152	47.66 2.31 0.00	43.39 1.99 0.00	41.06 1.84 0.00	39.42 1.59 0.00	40.58 1.67 0.00	46.15 2.03 0.00	55.84 2.81 0.00	61.17 3.90 0.00	65.41 4.34 0.00	65.24 4.44 0.00	76.93 5.76 0.00	79.41 5.95 0.00	76.13 5.70 0.00	76.93 5.57 0.00	74.91 5.74 0.00	79.82 6.32 0.00	76.15 6.03 0.00	87.21 6.76 0.00	78.53 6.42 0.00	72.97 5.90 0.00	69.51 5.85 0.00	67.81 5.82 0.00	65.57 5.42 0.00	61.02 4.88 0.00
NYPA_POUCH1____GT 24155	47.84 2.49 -0.01	43.60 2.19 -0.01	41.25 2.04 0.00	39.61 1.78 0.00	40.77 1.87 0.00	46.33 2.21 0.00	56.11 3.07 -0.01	61.40 4.13 -0.01	65.71 4.64 -0.01	65.49 4.68 -0.01	77.21 6.05 0.00	79.70 6.24 0.00	76.41 5.98 0.00	77.14 5.78 0.00	75.12 5.95 0.00	80.19 6.69 -0.01	76.36 6.24 -0.01	87.53 7.08 -0.01	78.83 6.71 -0.01	73.24 6.17 -0.01	69.77 6.11 -0.01	68.06 6.08 -0.01	65.81 5.65 -0.01	61.25 5.11 -0.01
NYPA_VERNON____GT2 24162	47.47 2.13 0.00	43.27 1.86 0.00	40.94 1.72 0.00	39.35 1.52 0.00	40.50 1.60 0.00	46.02 1.90 0.00	55.68																	

OAK ORCHARD___HYD 24046	43.71 -1.63 0.00	39.91 -1.49 0.00	37.80 -1.41 0.00	36.44 -1.40 0.00	37.58 -1.32 0.00	42.67 -1.45 0.00	50.64 -2.39 0.00	54.91 -2.35 0.00	58.44 -2.62 0.00	58.31 -2.50 0.00	67.18 -3.98 0.00	69.28 -4.18 0.00	66.27 -4.16 0.00	67.30 -4.06 0.00	65.16 -4.01 0.00	68.79 -4.70 0.00	65.77 -4.35 0.00	76.02 -4.42 0.00	67.64 -4.47 0.00	62.77 -4.29 0.00	59.45 -4.20 0.00	57.89 -4.09 0.00	56.84 -4.31 0.00	53.50 -2.64 0.00
OAKDALE___35_KV_LOAD 356122	45.39 0.05 0.00	41.32 -0.08 0.00	39.13 -0.08 0.00	37.76 -0.08 0.00	38.98 0.08 0.00	44.16 0.04 0.00	52.92 -0.11 0.00	57.44 0.17 0.00	61.13 0.06 0.00	60.86 0.06 0.00	70.95 -0.21 0.00	73.17 -0.29 0.00	70.07 -0.35 0.00	70.94 -0.43 0.00	68.83 -0.35 0.00	72.98 -0.51 0.00	69.70 -0.42 0.00	80.36 -0.08 0.00	71.82 -0.29 0.00	66.73 -0.34 0.00	63.21 -0.45 0.00	61.54 -0.43 0.00	59.91 -0.24 0.00	56.25 0.11 0.00
OCC_CHEM___DRP 24175	42.12 -3.22 0.00	38.46 -2.94 0.00	36.51 -2.71 0.00	35.26 -2.57 0.00	36.53 -2.37 0.00	41.25 -2.87 0.00	47.93 -5.09 0.00	51.42 -5.84 0.00	54.84 -6.23 0.00	54.17 -6.63 0.00	62.34 -8.82 0.00	63.99 -9.48 0.00	61.34 -9.08 0.00	62.30 -9.06 0.00	60.32 -8.85 0.00	63.28 -10.22 0.00	60.37 -9.75 0.00	70.15 -10.30 0.00	62.16 -9.95 0.00	57.47 -9.59 0.00	54.62 -9.04 0.00	53.49 -8.49 0.00	53.35 -6.80 0.00	51.08 -5.05 0.00
OH_GEN_PROXY 24063	42.39 -2.95 0.00	38.71 -2.69 0.00	36.70 -2.51 0.00	35.38 -2.46 0.00	36.53 -2.37 0.00	41.38 -2.74 0.00	48.41 -4.61 0.00	52.00 -5.27 0.00	55.45 -5.62 0.00	55.33 -5.47 0.00	63.26 -7.90 0.00	64.87 -8.59 0.00	62.19 -8.24 0.00	63.09 -8.28 0.00	61.15 -8.02 0.00	64.30 -9.19 0.00	61.35 -8.77 0.00	71.20 -9.25 0.00	63.09 -9.02 0.00	58.41 -8.65 0.00	55.51 -8.15 0.00	54.29 -7.69 0.00	53.95 -6.19 0.00	51.48 -4.66 0.00
OLIN_CORP_DRP 24177	42.03 -3.31 0.00	38.26 -3.15 0.00	36.31 -2.90 0.00	35.11 -2.72 0.00	36.34 -2.57 0.00	41.03 -3.09 0.00	47.88 -5.14 0.00	51.37 -5.90 0.00	54.72 -6.35 0.00	54.05 -6.75 0.00	62.20 -8.97 0.00	63.91 -9.55 0.00	61.27 -9.16 0.00	62.16 -9.21 0.00	60.18 -8.99 0.00	63.20 -10.29 0.00	60.30 -9.82 0.00	70.15 -10.30 0.00	62.16 -9.95 0.00	57.47 -9.59 0.00	54.62 -9.04 0.00	53.49 -8.49 0.00	53.29 -6.86 0.00	51.08 -5.05 0.00
OLIN_CORP_DSASP 323712	42.12 -3.22 0.00	38.55 -2.86 0.00	36.54 -2.67 0.00	35.23 -2.61 0.00	36.38 -2.53 0.00	41.25 -2.87 0.00	47.93 -5.09 0.00	51.42 -5.84 0.00	54.84 -6.23 0.00	54.72 -6.08 0.00	62.48 -8.68 0.00	64.06 -9.40 0.00	61.34 -9.08 0.00	62.30 -9.06 0.00	60.32 -8.85 0.00	63.42 -10.07 0.00	60.44 -9.68 0.00	70.15 -10.30 0.00	62.16 -9.95 0.00	57.47 0.00	54.62 -9.04 0.00	53.49 -8.49 0.00	53.35 -6.80 0.00	50.97 -5.16 0.00
ONEIDA_HERK_LFGE 323681	46.38 1.04 0.00	42.27 0.87 0.00	40.04 0.82 0.00	38.97 1.13 0.00	40.11 1.21 0.00	45.22 1.10 0.00	54.67 1.65 0.00	59.50 2.23 0.00	63.45 2.38 0.00	63.11 2.31 0.00	73.37 2.21 0.00	75.81 2.35 0.00	72.47 2.04 0.00	73.36 2.00 0.00	71.39 2.21 0.00	75.62 2.13 0.00	72.29 2.18 0.00	82.86 2.41 0.00	74.06 1.95 0.00	68.88 1.81 0.00	65.18 1.53 0.00	63.46 1.49 0.00	61.47 1.32 0.00	57.09 0.95 0.00
ONEIDA___115KV_TB4 55905	46.52 1.18 0.00	42.48 1.08 0.00	40.27 1.06 0.00	38.71 0.87 0.00	39.84 0.93 0.00	45.36 1.24 0.00	54.77 1.75 0.00	59.61 2.35 0.00	63.51 2.44 0.00	63.17 2.37 0.00	73.66 2.49 0.00	76.03 2.57 0.00	72.75 2.32 0.00	73.65 2.28 0.00	71.59 2.42 0.00	75.99 2.50 0.00	72.50 2.38 0.00	83.26 2.82 0.00	74.35 2.24 0.00	69.08 2.01 0.00	65.44 1.78 0.00	63.71 1.74 0.00	61.71 1.56 0.00	57.54 1.40 0.00
ONONDAGA_REF_OCCRA 23987	44.75 -0.59 0.00	40.78 -0.62 0.00	38.62 -0.59 0.00	37.23 -0.61 0.00	38.40 -0.51 0.00	43.55 -0.57 0.00	52.34 -0.69 0.00	56.92 -0.34 0.00	60.58 -0.49 0.00	60.38 -0.43 0.00	70.45 -0.71 0.00	72.73 -0.73 0.00	69.65 -0.77 0.00	70.58 -0.79 0.00	68.48 -0.69 0.00	72.68 -0.81 0.00	69.35 -0.77 0.00	79.80 -0.64 0.00	71.39 -0.72 0.00	66.33 -0.74 0.00	62.83 -0.83 0.00	61.17 -0.81 0.00	59.43 -0.72 0.00	55.52 -0.62 0.00
ONONDAGA___COGEN 23986	44.57 -0.77 0.00	40.62 -0.79 0.00	38.47 -0.75 0.00	37.08 -0.76 0.00	38.20 -0.70 0.00	43.37 -0.75 0.00	52.18 -0.85 0.00	56.69 -0.57 0.00	60.33 -0.73 0.00	60.13 -0.67 0.00	70.24 -0.93 0.00	72.51 -0.96 0.00	69.44 -0.99 0.00	70.37 -1.00 0.00	68.20 -0.97 0.00	72.39 -1.10 0.00	69.07 -1.05 0.00	79.48 -0.97 0.00	71.10 -1.01 0.00	66.06 -1.01 0.00	62.64 -1.02 0.00	60.92 -1.05 0.00	59.19 -0.96 0.00	55.29 -0.84 0.00
ONTARIO___LFGE 23819	45.16 -0.18 0.00	41.11 -0.29 0.00	38.90 -0.32 0.00	37.49 -0.34 0.00	38.75 -0.15 0.00	43.99 -0.13 0.00	52.44 -0.58 0.00	57.09 -0.17 0.00	60.58 -0.49 0.00	60.50 -0.30 0.00	69.95 -1.21 0.00	72.14 -1.32 0.00	69.02 -1.41 0.00	70.15 -1.21 0.00	68.06 -1.11 0.00	72.17 -1.32 0.00	68.99 -1.12 0.00	79.80 -0.65 0.00	71.10 -1.01 0.00	65.99 -1.08 0.00	62.38 -1.27 0.00	60.61 -1.36 0.00	59.13 -1.02 0.00	55.52 -0.62 0.00
ORANGEVILLE_WT_PWR 323706	44.07 -1.27 0.00	40.12 -1.28 0.00	38.04 -1.18 0.00	36.66 -1.17 0.00	37.89 -1.01 0.00	42.89 -1.24 0.00	50.43 -2.60 0.00	54.35 -2.92 0.00	57.77 -3.30 0.00	57.70 -3.10 0.00	66.32 -4.84 0.00	68.03 -5.44 0.00	65.14 -5.28 0.00	66.16 -5.21 0.00	64.13 -5.05 0.00	67.61 -5.88 0.00	64.58 -5.54 0.00	74.73 -5.71 0.00	66.27 -5.84 0.00	61.30 -5.77 0.00	58.05 -5.60 0.00	56.65 -5.33 0.00	56.06 -4.09 0.00	53.33 -2.81 0.00
ORANGEVILLE___ESR 323794	44.07 -1.27 0.00	40.12 -1.28 0.00	38.04 -1.18 0.00	36.66 -1.17 0.00	37.89 -1.01 0.00	42.89 -1.24 0.00	50.43 -2.60 0.00	54.35 -2.92 0.00	57.77 -3.30 0.00	57.70 -3.10 0.00	66.32 -4.84 0.00	68.03 -5.44 0.00	65.14 -5.28 0.00	66.16 -5.21 0.00	64.13 -5.05 0.00	67.61 -5.88 0.00	64.58 -5.54 0.00	74.73 -5.71 0.00	66.27 -5.84 0.00	61.30 -5.77 0.00	58.05 -5.60 0.00	56.65 -5.33 0.00	56.06 -4.09 0.00	53.33 -2.81 0.00
OSWEGATCHIE___HYD 24044	45.97 0.63 0.00	41.90 0.50 0.00	39.72 0.51 0.00	40.60 2.76 0.00	41.71 2.80 0.00	44.96 0.84 0.00	54.72 1.70 0.00	59.38 2.12 0.00	63.14 2.08 0.00	62.50 1.70 0.00	72.59 1.42 0.00	74.63 1.17 0.00	71.41 0.99 0.00	72.36 1.00 0.00	70.42 1.25 0.00	73.56 0.07 0.00	70.54 0.42 0.00	80.20 -0.24 0.00	71.53 -0.58 0.00	66.53 -0.54 0.00	63.08 -0.57 0.00	61.36 -0.62 0.00	59.67 -0.48 0.00	55.29 -0.84 0.00
OSWEGO___5 23606	43.89 -1.45 0.00	40.04 -1.37 0.00	37.92 -1.29 0.00	36.59 -1.25 0.00	37.66 -1.25 0.00	42.71 -1.41 0.00	51.33 -1.70 0.00	55.66 -1.60 0.00	59.24 -1.83 0.00	59.04 -1.77 0.00	68.88 -2.28 0.00	71.11 -2.35 0.00	68.10 -2.32 0.00	69.01 -2.35 0.00	66.96 -2.22 0.00	71.07 -2.42 0.00	67.81 -2.31 0.00	77.87 -2.58 0.00	69.73 -2.38 0.00	64.85 -2.21 0.00	61.49 -2.16 0.00	59.87 -2.11 0.00	58.17 -1.98 0.00	54.34 -1.80 0.00

OSWEGO___6 23613	43.89 -1.45 0.00	40.04 -1.37 0.00	37.92 -1.29 0.00	36.59 -1.25 0.00	37.66 -1.25 0.00	42.71 -1.41 0.00	51.33 -1.70 0.00	55.66 -1.60 0.00	59.24 -1.83 0.00	59.04 -1.77 0.00	68.88 -2.28 0.00	71.11 -2.35 0.00	68.10 -2.32 0.00	69.01 -2.35 0.00	66.96 -2.22 0.00	71.07 -2.42 0.00	67.81 -2.31 0.00	77.87 -2.58 0.00	69.73 -2.38 0.00	64.85 -2.21 0.00	61.49 -2.16 0.00	59.87 -2.11 0.00	58.17 -1.98 0.00	54.34 -1.80 0.00
OUTOKUMPU-AB___DRP 24206	43.39 -1.95 0.00	39.50 -1.90 0.00	37.49 -1.73 0.00	36.21 -1.63 0.00	37.50 -1.40 0.00	42.36 -1.76 0.00	49.42 -3.61 0.00	53.03 -4.24 0.00	56.55 -4.52 0.00	55.88 -4.92 0.00	64.40 -6.76 0.00	66.04 -7.42 0.00	63.31 -7.11 0.00	64.30 -7.07 0.00	62.19 -6.99 0.00	65.33 -8.16 0.00	62.41 -7.71 0.00	72.24 -8.21 0.00	64.03 -8.08 0.00	59.15 -7.91 0.00	56.21 -7.45 0.00	54.97 -7.00 0.00	54.74 -5.41 0.00	52.43 -3.70 0.00
OXBOW___BTM 323836	42.85 -2.49 0.00	39.13 -2.28 0.00	37.09 -2.12 0.00	35.75 -2.08 0.00	36.92 -1.98 0.00	41.87 -2.25 0.00	48.78 -4.24 0.00	52.34 -4.93 0.00	55.81 -5.25 0.00	55.69 -5.11 0.00	63.62 -7.55 0.00	65.16 -8.30 0.00	62.47 -7.96 0.00	63.44 -7.92 0.00	61.43 -7.75 0.00	64.52 -8.97 0.00	61.56 -8.56 0.00	71.35 -9.09 0.00	63.24 -8.87 0.00	58.41 -8.65 0.00	55.51 -8.15 0.00	54.29 -7.69 0.00	54.13 -6.01 0.00	51.76 -4.38 0.00
OXBOW____ 24026	42.85 -2.49 0.00	39.04 -2.36 0.00	37.06 -2.16 0.00	35.79 -2.04 0.00	37.08 -1.83 0.00	41.87 -2.25 0.00	48.78 -4.24 0.00	52.34 -4.92 0.00	55.82 -5.25 0.00	55.15 -5.65 0.00	63.48 -7.69 0.00	65.16 -8.30 0.00	62.47 -7.96 0.00	63.44 -7.92 0.00	61.36 -7.82 0.00	64.45 -9.04 0.00	61.49 -8.62 0.00	71.35 -9.09 0.00	63.24 -8.87 0.00	58.41 -8.65 0.00	55.51 -8.15 0.00	54.29 -7.69 0.00	54.13 -6.01 0.00	51.81 -4.32 0.00
OXY_CHEM_DSASP 323612	42.12 -3.22 0.00	38.46 -2.94 0.00	36.51 -2.71 0.00	35.26 -2.57 0.00	36.53 -2.37 0.00	41.25 -2.87 0.00	47.93 -5.09 0.00	51.42 -5.84 0.00	54.84 -6.23 0.00	54.17 -6.63 0.00	62.34 -8.82 0.00	63.99 -9.48 0.00	61.34 -9.08 0.00	62.30 -9.06 0.00	60.32 -8.85 0.00	63.28 -10.22 0.00	60.37 -9.75 0.00	70.15 -10.30 0.00	62.16 -9.95 0.00	57.47 -9.59 0.00	54.62 -9.04 0.00	53.49 -8.49 0.00	53.35 -6.80 0.00	51.08 -5.05 0.00
OZONE_PARK_ESR 323760	47.70 2.36 0.00	43.35 1.95 0.00	40.98 1.76 0.00	39.58 1.74 0.00	40.73 1.83 0.00	46.28 2.16 0.00	56.05 3.02 0.00	61.50 4.24 0.00	65.83 4.76 0.00	65.73 4.92 0.00	77.14 5.98 0.00	79.71 6.24 0.00	76.34 5.92 0.00	77.36 5.99 0.00	75.12 5.95 0.00	80.10 6.61 0.00	76.43 6.31 0.00	87.68 7.24 0.00	78.89 6.78 0.00	73.30 6.24 0.00	69.70 6.05 0.00	67.93 5.95 0.00	65.62 5.47 0.00	60.91 4.77 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	42.12 -3.22 0.00	38.46 -2.94 0.00	36.51 -2.71 0.00	35.26 -2.57 0.00	36.53 -2.37 0.00	41.25 -2.87 0.00	47.93 -5.09 0.00	51.42 -5.84 0.00	54.84 -6.23 0.00	54.17 -6.63 0.00	62.34 -8.82 0.00	63.99 -9.48 0.00	61.34 -9.08 0.00	62.30 -9.06 0.00	60.32 -8.85 0.00	63.28 -10.22 0.00	60.37 -9.75 0.00	70.15 -10.30 0.00	62.16 -9.95 0.00	57.47 -9.59 0.00	54.62 -9.04 0.00	53.49 -8.49 0.00	53.35 -6.80 0.00	51.08 -5.05 0.00
PACKARD__115KV_DUPONT_184 80571	42.12 -3.22 0.00	38.46 -2.94 0.00	36.51 -2.71 0.00	35.26 -2.57 0.00	36.53 -2.37 0.00	41.25 -2.87 0.00	47.93 -5.09 0.00	51.42 -5.84 0.00	54.84 -6.23 0.00	54.17 -6.63 0.00	62.34 -8.82 0.00	63.99 -9.48 0.00	61.34 -9.08 0.00	62.30 -9.06 0.00	60.32 -8.85 0.00	63.28 -10.22 0.00	60.37 -9.75 0.00	70.15 -10.30 0.00	62.16 -9.95 0.00	57.47 -9.59 0.00	54.62 -9.04 0.00	53.49 -8.49 0.00	53.35 -6.80 0.00	51.08 -5.05 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.43 2.09 0.00	43.10 1.70 0.00	40.70 1.49 0.00	39.27 1.44 0.00	40.42 1.52 0.00	45.80 1.68 0.00	55.36 2.33 0.00	60.53 3.26 0.00	64.79 3.73 0.00	64.69 3.89 0.00	76.29 5.12 0.00	78.83 5.36 0.00	75.57 5.14 0.00	76.50 5.14 0.00	74.29 5.12 0.00	79.30 5.81 0.00	75.52 5.40 0.00	86.48 6.03 0.00	77.95 5.84 0.00	72.43 5.37 0.00	69.00 5.35 0.00	67.49 5.52 0.00	65.32 5.17 0.00	60.68 4.55 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.83 2.49 0.00	43.47 2.07 0.00	41.06 1.84 0.00	39.65 1.82 0.00	40.77 1.87 0.00	46.19 2.07 0.00	55.84 2.81 0.00	61.04 3.78 0.00	65.34 4.27 0.00	65.24 4.44 0.00	76.86 5.69 0.00	79.34 5.88 0.00	76.06 5.63 0.00	77.00 5.64 0.00	74.84 5.67 0.00	79.88 6.39 0.00	76.08 5.96 0.00	87.12 6.68 0.00	78.53 6.42 0.00	72.97 5.90 0.00	69.51 5.86 0.00	67.99 6.01 0.00	65.86 5.71 0.00	61.19 5.05 0.00
PATROON__115KV_TB1 80586	46.20 0.86 0.00	42.15 0.75 0.00	39.96 0.75 0.00	38.67 0.83 0.00	39.64 0.74 0.00	44.96 0.84 0.00	54.19 1.17 0.00	58.87 1.60 0.00	62.84 1.77 0.00	62.75 1.95 0.00	74.15 2.99 0.00	76.69 3.23 0.00	73.38 2.96 0.00	74.36 3.00 0.00	72.01 2.84 0.00	76.65 3.16 0.00	72.64 2.52 0.00	83.42 2.98 0.00	74.92 2.81 0.00	69.75 2.68 0.00	66.14 2.48 0.00	64.52 2.54 0.00	62.55 2.41 0.00	58.32 2.19 0.00
PATTRSNVILLE___SOLAR 323815	47.11 1.77 0.00	43.02 1.61 0.00	40.70 1.49 0.00	39.20 1.36 0.00	40.30 1.40 0.00	45.84 1.72 0.00	55.20 2.17 0.00	59.90 2.64 0.00	63.88 2.81 0.00	63.47 2.67 0.00	74.22 3.06 0.00	76.77 3.31 0.00	73.38 2.96 0.00	74.36 3.00 0.00	72.08 2.90 0.00	76.87 3.38 0.00	73.13 3.01 0.00	83.98 3.54 0.00	75.43 3.32 0.00	70.15 3.09 0.00	66.52 2.87 0.00	64.89 2.91 0.00	62.92 2.77 0.00	58.72 2.58 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	44.30 -1.04 0.00	40.20 -1.20 0.00	38.19 -1.02 0.00	36.89 -0.95 0.00	38.24 -0.66 0.00	43.15 -0.97 0.00	50.64 -2.39 0.00	54.40 -2.86 0.00	57.83 -3.24 0.00	57.28 -3.53 0.00	66.11 -5.05 0.00	67.81 -5.66 0.00	65.00 -5.42 0.00	66.01 -5.35 0.00	63.85 -5.33 0.00	67.24 -6.25 0.00	64.30 -5.82 0.00	74.57 -5.87 0.00	66.13 -5.99 0.00	61.10 -5.97 0.00	57.93 -5.73 0.00	56.59 -5.39 0.00	56.12 -4.03 0.00	53.78 -2.36 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	47.83 2.49 0.00	43.51 2.11 0.00	41.17 1.96 0.00	39.77 1.93 0.00	40.93 2.02 0.00	46.50 2.38 0.00	56.37 3.34 0.00	61.73 4.47 0.00	66.20 5.13 0.00	65.91 5.11 0.00	77.36 6.19 0.00	80.00 6.54 0.00	76.48 6.06 0.00	77.50 6.14 0.00	75.26 6.09 0.00	80.18 6.69 0.00	76.36 6.24 0.00	87.60 7.16 0.00	78.74 6.63 0.00	73.17 6.10 0.00	69.70 6.05 0.00	67.80 5.83 0.00	65.50 5.35 0.00	60.79 4.66 0.00
PEEKSKILL____ 23653	47.02 1.68 0.00	42.85 1.45 0.00	40.58 1.37 0.00	39.08 1.25 0.00	40.23 1.32 0.00	45.71 1.59 0.00	55.20 2.17 0.00	60.47 3.20 0.00	64.67 3.60 0.00	64.45 3.65 0.00	75.79 4.62 0.00	78.31 4.85 0.00	75.00 4.57 0.00	75.86 4.50 0.00	73.81 4.64 0.00	78.56 5.07 0.00	74.95 4.83 0.00	85.99 5.55 0.00	77.31 5.19 0.00	71.83 4.76 0.00	68.30 4.64 0.00	66.56 4.59 0.00	64.36 4.21 0.00	59.90 3.76 0.00

PGE MADISON___WINDPWR 24146	49.79 4.45 0.00	45.25 3.85 0.00	42.82 3.61 0.00	41.09 3.25 0.00	42.25 3.35 0.00	48.31 4.19 0.00	58.44 5.41 0.00	69.06 11.80 0.00	73.10 12.03 0.00	72.72 11.92 0.00	83.97 12.81 0.00	85.95 12.49 0.00	81.55 11.12 0.00	82.64 11.27 0.00	81.35 12.18 0.00	86.64 13.15 0.00	83.86 13.75 0.00	89.85 9.41 0.00	80.04 7.93 0.00	74.38 7.31 0.00	70.27 6.62 0.00	68.48 6.51 0.00	66.05 5.90 0.00	61.64 5.50 0.00
PIERCEFIELD___HYD 23852	46.88 1.54 0.00	46.78 5.38 0.00	44.39 5.18 0.00	38.93 1.10 0.00	39.95 1.05 0.00	45.93 1.81 0.00	55.94 2.92 0.00	60.36 3.09 0.00	64.12 3.05 0.00	63.29 2.49 0.00	73.58 2.42 0.00	75.59 2.13 0.00	72.47 2.04 0.00	73.29 1.93 0.00	71.46 2.28 0.00	73.93 0.44 0.00	70.96 0.84 0.00	80.20 -0.24 0.00	71.61 -0.50 0.00	66.60 -0.47 0.00	63.27 -0.38 0.00	61.42 -0.56 0.00	60.03 -0.12 0.00	55.91 -0.22 0.00
PINELAWN_CC_1 323563	48.71 3.36 -0.01	44.42 3.02 0.00	41.76 2.55 0.00	40.22 2.39 0.00	41.67 2.76 0.00	47.40 3.26 -0.01	58.93 4.19 -1.71	67.94 5.50 -5.18	67.12 6.05 -0.01	66.71 5.90 -0.01	80.01 7.18 -1.66	80.90 7.42 -0.02	79.24 7.04 -1.78	83.60 7.07 -5.16	81.60 7.13 -5.30	88.64 7.87 -7.28	99.08 7.43 -21.54	101.14 8.61 -12.08	99.23 7.93 -19.19	96.55 7.38 -22.11	80.30 7.19 -9.46	79.33 7.00 -10.36	66.89 6.74 -0.01	63.63 5.84 -1.66
PJM_GEN_HTP_PROXY 323702	47.16 1.82 0.00	42.98 1.57 0.00	40.66 1.45 0.00	39.08 1.25 0.00	40.27 1.36 0.00	45.80 1.68 0.00	55.52 2.49 0.00	60.93 3.67 0.00	65.22 4.15 0.00	65.06 4.25 0.00	76.50 5.34 0.00	79.04 5.58 0.00	75.71 5.28 0.00	76.57 5.21 0.00	74.50 5.33 0.00	79.37 5.88 0.00	75.66 5.54 0.00	86.88 6.44 0.00	78.02 5.91 0.00	72.49 5.43 0.00	68.93 5.28 0.00	67.12 5.14 0.00	64.84 4.69 0.00	60.29 4.15 0.00
PJM_GEN_KEystone 24065	45.03 -0.32 0.00	41.03 -0.37 0.00	38.90 -0.32 0.00	37.49 -0.34 0.00	38.67 -0.23 0.00	43.86 -0.26 0.00	52.39 -0.63 0.00	56.98 -0.28 0.00	60.70 -0.36 0.00	56.18 -0.30 4.32	65.96 -0.64 4.56	64.74 -0.81 7.92	62.03 -0.84 7.55	62.66 -0.93 7.77	65.26 -0.69 3.22	70.88 -0.88 1.73	69.49 -0.63 0.00	80.04 -0.40 0.00	71.61 -0.50 0.00	66.46 -0.60 0.00	63.08 -0.57 0.00	61.48 -0.50 0.00	59.91 -0.24 0.00	56.36 0.23 0.00
PJM_GEN_NEPTUNE_PROXY 323594	47.98 2.63 -0.01	43.84 2.44 0.00	41.29 2.08 0.00	39.76 1.93 0.00	41.12 2.22 0.00	46.73 2.60 -0.01	56.81 3.34 -0.44	63.06 4.47 -1.33	66.08 5.01 -0.01	65.80 4.99 -0.01	77.57 5.98 -0.43	79.71 6.24 -0.01	76.73 5.84 -0.46	78.54 5.85 -1.33	76.48 5.95 -1.36	81.90 6.54 -1.87	81.73 6.10 -5.51	90.53 7.00 -3.10	83.58 6.56 -4.91	78.89 6.17 -5.66	72.13 6.05 -2.42	70.52 5.89 -2.65	65.93 5.77 -0.01	61.45 4.88 -0.43
PJM_GEN_VFT_PROXY 323633	47.02 1.68 0.00	42.81 1.41 0.00	40.50 1.29 0.00	38.97 1.13 0.00	40.15 1.24 0.00	45.66 1.54 0.00	55.30 2.28 0.00	60.64 3.38 0.00	64.92 3.85 0.00	64.75 3.95 0.00	76.01 4.84 0.00	78.53 5.07 0.00	75.28 4.86 0.00	76.07 4.71 0.00	74.01 4.84 0.00	78.93 5.44 0.00	75.31 5.19 0.00	86.40 5.95 0.00	77.74 5.63 0.00	72.16 5.09 0.00	68.68 5.03 0.00	66.94 4.96 0.00	64.72 4.57 0.00	60.12 3.99 0.00
PLATSBURG_115KV_PMLD1 355749	46.88 1.54 0.00	43.22 1.82 0.00	40.94 1.73 0.00	39.12 1.29 0.00	40.07 1.17 0.00	45.71 1.59 0.00	54.99 1.96 0.00	58.12 0.86 0.00	61.92 0.85 0.00	61.59 0.79 0.00	72.09 0.93 0.00	73.76 0.29 0.00	71.55 1.13 0.00	71.94 0.57 0.00	70.21 1.04 0.00	73.71 0.22 0.00	71.45 1.33 0.00	80.28 -0.16 0.00	72.62 0.50 0.00	67.94 0.87 0.00	64.67 1.02 0.00	62.72 0.74 0.00	60.93 0.78 0.00	56.86 0.73 0.00
PLEASANTVLY___LBMP 24000	47.02 1.68 0.00	42.81 1.41 0.00	40.51 1.29 0.00	39.16 1.32 0.00	40.30 1.40 0.00	45.71 1.59 0.00	55.20 2.17 0.00	60.30 3.04 0.00	64.55 3.48 0.00	64.33 3.53 0.00	75.58 4.41 0.00	78.16 4.70 0.00	74.86 4.44 0.00	75.86 4.50 0.00	73.67 4.50 0.00	78.49 5.00 0.00	74.75 4.63 0.00	85.75 5.31 0.00	77.16 5.05 0.00	71.76 4.69 0.00	68.24 4.58 0.00	66.44 4.46 0.00	64.24 4.09 0.00	59.78 3.65 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	47.29 1.95 0.00	43.02 1.61 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.52 2.49 0.00	60.82 3.55 0.00	65.04 3.97 0.00	64.88 4.07 0.00	76.22 5.05 0.00	78.83 5.36 0.00	75.50 5.07 0.00	76.50 5.14 0.00	74.22 5.05 0.00	79.08 5.59 0.00	75.38 5.26 0.00	86.56 6.11 0.00	77.81 5.70 0.00	72.30 5.23 0.00	68.75 5.09 0.00	67.00 5.02 0.00	64.66 4.51 0.00	60.18 4.04 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.29 1.95 0.00	43.02 1.61 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.52 2.49 0.00	60.82 3.55 0.00	65.04 3.97 0.00	64.88 4.07 0.00	76.22 5.05 0.00	78.83 5.36 0.00	75.50 5.07 0.00	76.50 5.14 0.00	74.22 5.05 0.00	79.08 5.59 0.00	75.38 5.26 0.00	86.56 6.11 0.00	77.81 5.70 0.00	72.30 5.23 0.00	68.75 5.09 0.00	67.00 5.02 0.00	64.66 4.51 0.00	60.18 4.04 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.56 2.22 0.00	43.31 1.90 0.00	40.98 1.76 0.00	39.58 1.74 0.00	40.73 1.83 0.00	46.28 2.16 0.00	55.78 2.76 0.00	60.99 3.72 0.00	65.34 4.27 0.00	65.06 4.26 0.00	76.43 5.27 0.00	78.90 5.44 0.00	75.50 5.07 0.00	76.57 5.21 0.00	74.36 5.19 0.00	79.30 5.81 0.00	75.59 5.47 0.00	86.72 6.27 0.00	77.95 5.84 0.00	72.43 5.37 0.00	68.94 5.28 0.00	67.06 5.08 0.00	64.90 4.75 0.00	60.46 4.32 0.00
POLETTI___ 23519	40.35 1.86 6.85	40.27 1.49 2.63	40.27 1.37 0.31	39.20 1.36 0.00	40.34 1.44 0.00	40.39 1.72 5.45	40.35 2.44 15.12	49.90 3.55 10.92	54.64 4.09 10.52	54.36 4.20 10.63	74.72 5.20 1.64	78.88 5.44 0.02	75.55 5.14 0.02	76.56 5.21 0.02	74.34 5.19 0.02	79.28 5.81 0.02	75.42 5.47 0.17	86.43 6.27 0.29	77.79 5.84 0.16	72.41 5.37 0.02	68.86 5.22 0.02	67.18 5.21 0.00	64.96 4.81 0.00	60.34 4.21 0.00
POMONA___ESR 323819	46.79 1.45 0.00	42.64 1.24 0.00	40.43 1.22 0.00	38.93 1.10 0.00	40.11 1.21 0.00	45.49 1.37 0.00	54.88 1.85 0.00	60.13 2.86 0.00	64.24 3.17 0.00	64.02 3.22 0.00	75.29 4.13 0.00	77.80 4.33 0.00	74.51 4.08 0.00	75.36 3.99 0.00	73.32 4.15 0.00	78.05 4.56 0.00	74.47 4.35 0.00	85.43 4.99 0.00	76.79 4.68 0.00	71.36 4.30 0.00	67.92 4.27 0.00	66.13 4.15 0.00	63.94 3.79 0.00	59.56 3.42 0.00
PORT_JEFF_3 23555	49.16 3.81 -0.01	44.80 3.40 0.00	42.11 2.90 0.00	40.56 2.73 0.00	42.05 3.15 0.00	47.84 3.71 -0.01	59.58 4.77 -1.78	68.83 6.19 -5.38	67.67 6.60 -0.01	67.19 6.38 -0.01	80.79 7.90 -1.73	81.56 8.08 -0.02	79.95 7.68 -1.85	84.51 7.78 -5.37	82.57 7.88 -5.51	89.58 8.52 -7.57	100.71 8.20 -22.39	102.49 9.49 -12.56	100.78 8.72 -19.95	98.09 8.04 -22.99	81.31 7.83 -9.83	80.43 7.68 -10.76	67.55 7.40 -0.01	64.31 6.45 -1.72

PORT_JEFF_4 23616	49.16 3.81 -0.01	44.80 3.40 0.00	42.11 2.90 0.00	40.56 2.73 0.00	42.05 3.15 0.00	47.84 3.71 -0.01	59.58 4.77 -1.78	68.83 6.19 -5.38	67.67 6.60 -0.01	67.19 6.38 -0.01	80.79 7.90 -1.73	81.56 8.08 -0.02	79.95 7.68 -1.85	84.51 7.78 -5.37	82.57 7.88 -5.51	89.58 8.52 -7.57	100.71 8.20 -22.39	102.49 9.49 -12.56	100.78 8.72 -19.95	98.09 8.04 -22.99	81.31 7.83 -9.83	80.43 7.68 -10.76	67.55 7.40 -0.01	64.31 6.45 -1.72
PORT_JEFF_IC 23713	49.20 3.85 -0.01	44.55 3.15 0.00	42.04 2.82 0.00	40.64 2.80 0.00	42.13 3.23 0.00	47.88 3.75 -0.01	59.68 4.88 -1.78	69.05 6.41 -5.38	67.79 6.72 -0.01	67.32 6.51 -0.01	80.86 7.97 -1.72	81.63 8.15 -0.02	80.09 7.82 -1.84	84.72 7.99 -5.36	82.63 7.95 -5.50	89.79 8.75 -7.56	100.75 8.27 -22.36	102.64 9.65 -12.54	100.90 8.87 -19.92	98.14 8.11 -22.96	81.43 7.96 -9.82	80.54 7.81 -10.75	67.62 7.46 -0.01	64.37 6.51 -1.72
PPL_PILGRIM_ST_GT1 24216	49.16 3.81 -0.01	44.80 3.40 0.00	42.11 2.90 0.00	40.60 2.76 0.00	42.10 3.19 0.00	47.88 3.75 -0.01	59.62 4.82 -1.77	68.80 6.19 -5.35	67.79 6.72 -0.01	67.32 6.51 -0.01	80.99 8.11 -1.71	81.85 8.37 -0.02	80.22 7.96 -1.84	84.62 7.92 -5.33	82.67 8.02 -5.48	89.75 8.74 -7.52	100.71 8.34 -22.25	102.65 9.73 -12.48	100.88 8.94 -19.83	98.09 8.18 -22.84	81.44 8.02 -9.77	80.48 7.81 -10.70	67.68 7.52 -0.01	64.41 6.56 -1.71
PPL_PILGRIM_ST_GT2 24217	49.16 3.81 -0.01	44.80 3.40 0.00	42.11 2.90 0.00	40.60 2.76 0.00	42.10 3.19 0.00	47.88 3.75 -0.01	59.62 4.82 -1.77	68.80 6.19 -5.35	67.79 6.72 -0.01	67.32 6.51 -0.01	80.99 8.11 -1.71	81.85 8.37 -0.02	80.22 7.96 -1.84	84.62 7.92 -5.33	82.67 8.02 -5.48	89.75 8.74 -7.52	100.71 8.34 -22.25	102.65 9.73 -12.48	100.88 8.94 -19.83	98.09 8.18 -22.84	81.44 8.02 -9.77	80.48 7.81 -10.70	67.68 7.52 -0.01	64.41 6.56 -1.71
PPL_SHRM_GT3 24213	49.47 4.13 -0.01	45.00 3.60 0.00	42.31 3.10 0.00	40.71 2.87 0.00	42.25 3.35 0.00	48.14 4.01 -0.01	60.00 5.20 -1.78	69.23 6.58 -5.38	68.10 7.02 -0.01	67.50 6.69 -0.01	81.00 8.11 -1.72	81.49 8.01 -0.02	79.88 7.61 -1.85	84.86 8.13 -5.37	82.91 8.23 -5.51	90.02 8.96 -7.56	101.12 8.62 -22.38	103.13 10.14 -12.55	101.28 9.23 -19.94	98.49 8.45 -22.98	81.69 8.21 -9.83	80.79 8.05 -10.76	67.80 7.64 -0.01	64.65 6.79 -1.72
PPL_SHRM_GT4 24214	49.47 4.13 -0.01	45.00 3.60 0.00	42.31 3.10 0.00	40.71 2.87 0.00	42.25 3.35 0.00	48.14 4.01 -0.01	60.00 5.20 -1.78	69.23 6.58 -5.38	68.10 7.02 -0.01	67.50 6.69 -0.01	81.00 8.11 -1.72	81.49 8.01 -0.02	79.88 7.61 -1.85	84.86 8.13 -5.37	82.91 8.23 -5.51	90.02 8.96 -7.56	101.12 8.62 -22.38	103.13 10.14 -12.55	101.28 9.23 -19.94	98.49 8.45 -22.98	81.69 8.21 -9.83	80.79 8.05 -10.76	67.80 7.64 -0.01	64.65 6.79 -1.72
PROJECT___ORANGE 1 24174	44.52 -0.82 0.00	40.57 -0.83 0.00	38.43 -0.78 0.00	37.08 -0.76 0.00	38.20 -0.70 0.00	43.33 -0.79 0.00	52.02 -1.01 0.00	56.58 -0.69 0.00	60.27 -0.79 0.00	60.01 -0.79 0.00	70.10 -1.07 0.00	72.36 -1.10 0.00	69.30 -1.13 0.00	70.22 -1.14 0.00	68.07 -1.11 0.00	72.24 -1.25 0.00	68.93 -1.19 0.00	79.24 -1.21 0.00	70.88 -1.23 0.00	65.86 -1.21 0.00	62.44 -1.21 0.00	60.74 -1.24 0.00	59.07 -1.08 0.00	55.18 -0.95 0.00
PROJECT___ORANGE 2 24166	44.52 -0.82 0.00	40.57 -0.83 0.00	38.43 -0.78 0.00	37.08 -0.76 0.00	38.20 -0.70 0.00	43.33 -0.79 0.00	52.02 -1.01 0.00	56.58 -0.69 0.00	60.27 -0.79 0.00	60.01 -0.79 0.00	70.10 -1.07 0.00	72.36 -1.10 0.00	69.30 -1.13 0.00	70.22 -1.14 0.00	68.07 -1.11 0.00	72.24 -1.25 0.00	68.93 -1.19 0.00	79.24 -1.21 0.00	70.88 -1.23 0.00	65.86 -1.21 0.00	62.44 -1.21 0.00	60.74 -1.24 0.00	59.07 -1.08 0.00	55.18 -0.95 0.00
PUCKETT___SOLAR 323809	46.47 1.13 0.00	42.31 0.91 0.00	40.07 0.86 0.00	38.59 0.76 0.00	39.76 0.85 0.00	45.18 1.06 0.00	54.35 1.33 0.00	59.67 2.40 0.00	63.39 2.32 0.00	63.17 2.37 0.00	73.44 2.28 0.00	75.66 2.20 0.00	72.33 1.90 0.00	73.22 1.85 0.00	71.32 2.15 0.00	75.69 2.20 0.00	72.43 2.31 0.00	82.78 2.33 0.00	73.98 1.87 0.00	68.67 1.61 0.00	65.05 1.40 0.00	63.34 1.36 0.00	61.53 1.38 0.00	57.65 1.52 0.00
PYRITES___HYD 24023	48.20 2.86 0.00	47.94 6.54 0.00	45.49 6.27 0.00	39.95 2.12 0.00	40.97 2.06 0.00	47.25 3.13 0.00	57.69 4.67 0.00	62.48 5.21 0.00	66.26 5.19 0.00	65.30 4.50 0.00	75.79 4.63 0.00	77.80 4.33 0.00	74.44 4.01 0.00	75.36 4.00 0.00	73.60 4.43 0.00	76.28 2.79 0.00	73.41 3.30 0.00	83.02 2.57 0.00	73.19 1.08 0.00	68.00 0.94 0.00	64.67 1.02 0.00	62.72 0.74 0.00	61.17 1.02 0.00	56.92 0.79 0.00
QUAKERRD_115KV_BK1 80622	42.98 -2.36 0.00	39.17 -2.24 0.00	37.09 -2.12 0.00	35.83 -2.01 0.00	37.00 -1.91 0.00	41.91 -2.21 0.00	49.95 -3.08 0.00	54.23 -3.04 0.00	57.65 -3.42 0.00	57.34 -3.47 0.00	66.47 -4.70 0.00	68.61 -4.85 0.00	65.71 -4.72 0.00	66.65 -4.71 0.00	64.54 -4.63 0.00	68.20 -5.29 0.00	65.21 -4.91 0.00	75.22 -5.23 0.00	67.06 -5.05 0.00	62.24 -4.83 0.00	58.94 -4.71 0.00	57.39 -4.59 0.00	56.24 -3.91 0.00	52.82 -3.31 0.00
QUEENSBRY_115KV_TB8 356137	47.47 2.13 0.00	43.39 1.99 0.00	41.02 1.80 0.00	39.54 1.70 0.00	40.62 1.71 0.00	45.80 1.68 0.00	55.52 2.49 0.00	60.01 2.75 0.00	64.30 3.24 0.00	64.15 3.34 0.00	74.94 3.77 0.00	77.80 4.33 0.00	74.23 3.80 0.00	75.29 3.93 0.00	72.49 3.32 0.00	77.46 3.97 0.00	72.92 2.80 0.00	83.90 3.46 0.00	74.99 2.88 0.00	69.68 2.62 0.00	66.01 2.36 0.00	64.46 2.48 0.00	62.74 2.59 0.00	58.49 2.36 0.00
RAMAPO___LBMP 323565	46.70 1.36 0.00	42.52 1.12 0.00	40.23 1.02 0.00	38.93 1.10 0.00	40.07 1.17 0.00	45.40 1.28 0.00	54.83 1.80 0.00	60.01 2.75 0.00	64.12 3.05 0.00	63.96 3.16 0.00	75.15 3.99 0.00	77.65 4.19 0.00	74.37 3.94 0.00	75.36 4.00 0.00	73.18 4.01 0.00	77.97 4.48 0.00	74.33 4.21 0.00	85.27 4.83 0.00	76.65 4.54 0.00	71.29 4.23 0.00	67.79 4.14 0.00	66.01 4.03 0.00	63.82 3.67 0.00	59.39 3.26 0.00
RANKINE____ 23646	43.84 -1.50 0.00	39.83 -1.57 0.00	37.80 -1.41 0.00	36.55 -1.29 0.00	37.81 -1.09 0.00	42.71 -1.41 0.00	50.00 -3.02 0.00	53.77 -3.49 0.00	57.22 -3.85 0.00	56.67 -4.13 0.00	65.33 -5.84 0.00	67.00 -6.46 0.00	64.30 -6.13 0.00	65.23 -6.14 0.00	63.15 -6.02 0.00	66.36 -7.13 0.00	63.39 -6.73 0.00	73.53 -6.92 0.00	65.12 -6.99 0.00	60.16 -6.91 0.00	57.10 -6.56 0.00	55.84 -6.14 0.00	55.52 -4.63 0.00	53.10 -3.03 0.00
RAVENSWOOD_GT2_1 24244	47.34 1.99 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.50 5.34 0.00	79.05 5.58 0.00	75.78 5.35 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.17 6.06 0.00	72.63 5.57 0.00	69.06 5.41 0.00	67.37 5.39 0.00	65.08 4.93 0.00	60.46 4.32 0.00

RAVENSWOOD_GT2_2 24245	47.34 1.99 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.50 5.34 0.00	79.05 5.58 0.00	75.78 5.35 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.17 6.06 0.00	72.63 5.57 0.00	69.06 5.41 0.00	67.37 5.39 0.00	65.08 4.93 0.00	60.46 4.32 0.00
RAVENSWOOD_GT2_3 24246	47.38 2.04 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.68 2.65 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.18 4.38 0.00	76.57 5.41 0.00	79.12 5.66 0.00	75.78 5.35 0.00	76.79 5.42 0.00	74.57 5.40 0.00	79.52 6.03 0.00	75.80 5.68 0.00	86.96 6.52 0.00	78.17 6.06 0.00	72.63 5.67 0.00	69.13 5.47 0.00	67.37 5.39 0.00	65.08 4.93 0.00	60.46 4.32 0.00
RAVENSWOOD_GT2_4 24247	47.38 2.04 0.00	43.06 1.66 0.00	40.74 1.53 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.68 2.65 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.18 4.38 0.00	76.57 5.41 0.00	79.12 5.66 0.00	75.78 5.35 0.00	76.79 5.42 0.00	74.57 5.40 0.00	79.52 6.03 0.00	75.80 5.68 0.00	86.96 6.52 0.00	78.17 6.06 0.00	72.63 5.57 0.00	69.13 5.47 0.00	67.37 5.39 0.00	65.08 4.93 0.00	60.46 4.32 0.00
RAVENSWOOD_GT3_1 24248	47.34 1.99 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.50 5.34 0.00	79.05 5.58 0.00	75.78 5.35 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.17 6.06 0.00	72.63 5.57 0.00	69.06 5.41 0.00	67.37 5.39 0.00	65.08 4.93 0.00	60.46 4.32 0.00
RAVENSWOOD_GT3_2 24249	47.34 1.99 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.50 5.34 0.00	79.05 5.58 0.00	75.78 5.35 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.17 6.06 0.00	72.63 5.57 0.00	69.06 5.41 0.00	67.37 5.39 0.00	65.08 4.93 0.00	60.46 4.32 0.00
RAVENSWOOD_GT3_3 24250	47.43 2.09 0.00	43.10 1.70 0.00	40.78 1.57 0.00	39.39 1.55 0.00	40.54 1.63 0.00	46.02 1.90 0.00	55.73 2.70 0.00	61.04 3.78 0.00	65.34 4.27 0.00	65.24 4.44 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	87.04 6.60 0.00	78.24 6.13 0.00	72.70 5.63 0.00	69.19 5.54 0.00	67.43 5.45 0.00	65.14 4.99 0.00	60.51 4.38 0.00
RAVENSWOOD_GT3_4 24251	47.43 2.09 0.00	43.10 1.70 0.00	40.78 1.57 0.00	39.39 1.55 0.00	40.54 1.63 0.00	46.02 1.90 0.00	55.73 2.70 0.00	61.04 3.78 0.00	65.34 4.27 0.00	65.24 4.44 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	87.04 6.60 0.00	78.24 6.13 0.00	72.70 5.63 0.00	69.19 5.54 0.00	67.43 5.45 0.00	65.14 4.99 0.00	60.51 4.38 0.00
RAVENSWOOD_GT_1 23729	47.47 2.13 0.00	43.18 1.78 0.00	40.82 1.61 0.00	39.42 1.59 0.00	40.54 1.63 0.00	46.02 1.90 0.00	55.68 2.65 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.18 4.38 0.00	76.79 5.62 0.00	79.27 5.80 0.00	75.99 5.56 0.00	76.93 5.57 0.00	74.78 5.60 0.00	79.74 6.25 0.00	75.94 5.82 0.00	87.04 6.60 0.00	78.39 6.27 0.00	72.83 5.77 0.00	69.32 5.67 0.00	67.68 5.70 0.00	65.38 5.23 0.00	60.74 4.60 0.00
RAVENSWOOD_GT_10 24258	47.34 1.99 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.50 5.34 0.00	79.05 5.58 0.00	75.78 5.35 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.17 6.06 0.00	72.63 5.57 0.00	69.06 5.41 0.00	67.37 5.39 0.00	65.02 4.87 0.00	60.46 4.32 0.00
RAVENSWOOD_GT_11 24259	47.34 1.99 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.50 5.34 0.00	79.05 5.58 0.00	75.78 5.35 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.17 6.06 0.00	72.63 5.57 0.00	69.06 5.41 0.00	67.37 5.39 0.00	65.02 4.87 0.00	60.46 4.32 0.00
RAVENSWOOD_GT_4 24252	47.34 1.99 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.68 2.65 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.18 4.38 0.00	76.50 5.34 0.00	79.05 5.58 0.00	75.71 5.28 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.17 6.06 0.00	72.56 5.50 0.00	69.07 5.41 0.00	67.31 5.33 0.00	65.02 4.87 0.00	60.40 4.27 0.00
RAVENSWOOD_GT_5 24254	47.34 1.99 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.68 2.65 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.18 4.38 0.00	76.50 5.34 0.00	79.05 5.58 0.00	75.71 5.28 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.17 6.06 0.00	72.56 5.50 0.00	69.07 5.41 0.00	67.31 5.33 0.00	65.02 4.87 0.00	60.40 4.27 0.00
RAVENSWOOD_GT_6 24253	47.34 1.99 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.68 2.65 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.18 4.38 0.00	76.50 5.34 0.00	79.05 5.58 0.00	75.71 5.28 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.17 6.06 0.00	72.56 5.50 0.00	69.07 5.41 0.00	67.31 5.33 0.00	65.02 4.87 0.00	60.40 4.27 0.00
RAVENSWOOD_GT_7 24255	47.34 1.99 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.68 2.65 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.18 4.38 0.00	76.50 5.34 0.00	79.05 5.58 0.00	75.71 5.28 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.17 6.06 0.00	72.56 5.50 0.00	69.07 5.41 0.00	67.31 5.33 0.00	65.02 4.87 0.00	60.40 4.27 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	47.34 1.99 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.50 5.34 0.00	79.05 5.58 0.00	75.78 5.35 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.17 6.06 0.00	72.63 5.57 0.00	69.06 5.41 0.00	67.37 5.39 0.00	65.02 4.87 0.00	60.46 4.32 0.00

RAVENSWOOD_GT_9 24257	47.34 1.99 0.00	43.06 1.66 0.00	40.70 1.49 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.99 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.50 5.34 0.00	79.05 5.58 0.00	75.78 5.35 0.00	76.72 5.35 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.17 6.06 0.00	72.63 5.57 0.00	69.06 5.41 0.00	67.37 5.39 0.00	65.02 4.87 0.00	60.46 4.32 0.00
RAVENSWOOD___1 23533	47.47 2.13 0.00	43.22 1.82 0.00	40.90 1.68 0.00	39.31 1.47 0.00	40.46 1.56 0.00	46.02 1.90 0.00	55.62 2.60 0.00	60.93 3.67 0.00	65.22 4.15 0.00	65.06 4.25 0.00	76.72 5.55 0.00	79.26 5.80 0.00	75.92 5.50 0.00	76.72 5.36 0.00	74.71 5.54 0.00	79.59 6.10 0.00	75.93 5.82 0.00	86.96 6.51 0.00	78.31 6.20 0.00	72.76 5.70 0.00	69.32 5.66 0.00	67.62 5.64 0.00	65.32 5.17 0.00	60.79 4.66 0.00
RAVENSWOOD___2 23534	47.43 2.09 0.00	43.22 1.82 0.00	40.86 1.65 0.00	39.27 1.44 0.00	40.46 1.56 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.93 3.67 0.00	65.22 4.15 0.00	65.06 4.25 0.00	76.64 5.48 0.00	79.20 5.73 0.00	75.92 5.50 0.00	76.72 5.36 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	86.96 6.51 0.00	78.31 6.20 0.00	72.76 5.70 0.00	69.26 5.60 0.00	67.56 5.58 0.00	65.32 5.17 0.00	60.74 4.60 0.00
RAVENSWOOD___3 23535	47.33 1.99 0.00	43.14 1.74 0.00	40.82 1.61 0.00	39.27 1.44 0.00	40.42 1.52 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.98 3.72 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.50 5.34 0.00	79.04 5.58 0.00	75.77 5.35 0.00	76.57 5.21 0.00	74.50 5.33 0.00	79.37 5.88 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.17 6.06 0.00	72.63 5.56 0.00	69.06 5.41 0.00	67.31 5.33 0.00	65.08 4.93 0.00	60.52 4.38 0.00
RAVENSWOOD___4 23820	47.43 2.09 0.00	43.18 1.78 0.00	40.86 1.65 0.00	39.27 1.44 0.00	40.42 1.52 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.87 3.61 0.00	65.16 4.09 0.00	65.06 4.25 0.00	76.64 5.48 0.00	79.20 5.73 0.00	75.85 5.42 0.00	76.72 5.36 0.00	74.64 5.46 0.00	79.59 6.10 0.00	75.87 5.75 0.00	86.96 6.51 0.00	78.31 6.20 0.00	72.70 5.63 0.00	69.26 5.60 0.00	67.56 5.58 0.00	65.32 5.17 0.00	60.74 4.60 0.00
RCPL_TRUST___DRP 24196	47.43 2.09 0.00	43.10 1.70 0.00	40.78 1.57 0.00	39.39 1.55 0.00	40.54 1.63 0.00	46.02 1.90 0.00	55.73 2.70 0.00	61.10 3.84 0.00	65.46 4.40 0.00	65.30 4.50 0.00	76.72 5.55 0.00	79.27 5.80 0.00	75.92 5.49 0.00	76.93 5.57 0.00	74.71 5.53 0.00	79.66 6.17 0.00	75.87 5.75 0.00	87.12 6.68 0.00	78.31 6.20 0.00	72.77 5.70 0.00	69.19 5.54 0.00	67.43 5.45 0.00	65.14 4.99 0.00	60.51 4.38 0.00
RED___ROCHESTER 323720	44.02 -1.32 0.00	40.16 -1.24 0.00	38.00 -1.22 0.00	36.66 -1.17 0.00	37.82 -1.09 0.00	42.93 -1.19 0.00	51.01 -2.01 0.00	55.38 -1.89 0.00	58.93 -2.14 0.00	58.80 -2.00 0.00	67.75 -3.41 0.00	69.86 -3.60 0.00	66.91 -3.52 0.00	67.94 -3.42 0.00	65.72 -3.46 0.00	69.45 -4.04 0.00	66.40 -3.72 0.00	76.75 -3.70 0.00	68.29 -3.82 0.00	63.38 -3.69 0.00	59.96 -3.69 0.00	58.38 -3.60 0.00	57.26 -2.89 0.00	53.83 -2.30 0.00
REGAN___SOLAR 323812	49.01 3.67 0.00	44.75 3.35 0.00	42.31 3.10 0.00	40.71 2.87 0.00	41.90 3.00 0.00	47.78 3.66 0.00	57.69 4.67 0.00	62.48 5.21 0.00	66.68 5.61 0.00	66.15 5.35 0.00	77.00 5.84 0.00	79.63 6.17 0.00	75.92 5.50 0.00	77.08 5.71 0.00	74.50 5.33 0.00	79.59 6.10 0.00	75.44 5.33 0.00	86.88 6.44 0.00	78.02 5.91 0.00	72.49 5.43 0.00	68.68 5.03 0.00	67.12 5.14 0.00	64.96 4.81 0.00	60.63 4.49 0.00
RENSSELAER___COGEN 23796	46.06 0.72 0.00	42.02 0.62 0.00	39.84 0.63 0.00	38.48 0.64 0.00	39.49 0.58 0.00	44.78 0.66 0.00	53.98 0.96 0.00	58.58 1.32 0.00	62.53 1.46 0.00	62.38 1.58 0.00	73.72 2.56 0.00	76.25 2.79 0.00	72.96 2.53 0.00	73.93 2.57 0.00	71.66 2.49 0.00	76.21 2.72 0.00	72.43 2.31 0.00	83.10 2.65 0.00	74.63 2.52 0.00	69.48 2.41 0.00	65.94 2.29 0.00	64.27 2.29 0.00	62.31 2.16 0.00	58.15 2.02 0.00
REPUBLIC_115KV_BARTNBRK 55605	48.88 3.54 0.00	44.67 3.27 0.00	42.15 2.94 0.00	40.56 2.72 0.00	41.71 2.80 0.00	47.21 3.09 0.00	57.32 4.30 0.00	61.96 4.70 0.00	66.56 5.50 0.00	66.46 5.65 0.00	77.36 6.19 0.00	80.59 7.13 0.00	76.69 6.27 0.00	77.79 6.42 0.00	74.57 5.40 0.00	79.96 6.47 0.00	74.82 4.70 0.00	86.08 5.63 0.00	77.01 4.90 0.00	71.36 4.29 0.00	67.54 3.88 0.00	66.13 4.15 0.00	64.06 3.91 0.00	59.78 3.65 0.00
REVERE_CPPR_DRP 24186	46.97 1.63 0.00	43.02 1.61 0.00	40.74 1.53 0.00	39.05 1.21 0.00	40.19 1.28 0.00	45.80 1.68 0.00	55.36 2.33 0.00	60.36 3.09 0.00	64.30 3.24 0.00	63.96 3.16 0.00	74.51 3.34 0.00	76.84 3.38 0.00	73.45 3.03 0.00	74.36 3.00 0.00	72.35 3.18 0.00	76.72 3.23 0.00	73.34 3.23 0.00	84.14 3.70 0.00	75.14 3.03 0.00	69.81 2.75 0.00	66.07 2.42 0.00	64.33 2.36 0.00	62.25 2.11 0.00	57.93 1.80 0.00
REYNOLDS_115KV_TB3 80639	46.52 1.18 0.00	42.44 1.04 0.00	40.19 0.98 0.00	38.90 1.06 0.00	39.92 1.01 0.00	45.27 1.15 0.00	54.51 1.48 0.00	59.21 1.95 0.00	63.20 2.14 0.00	63.11 2.31 0.00	74.37 3.20 0.00	76.92 3.45 0.00	73.59 3.17 0.00	74.58 3.21 0.00	72.22 3.04 0.00	76.94 3.45 0.00	73.06 2.94 0.00	83.82 3.38 0.00	75.28 3.17 0.00	70.08 3.02 0.00	66.52 2.86 0.00	64.83 2.85 0.00	62.86 2.71 0.00	58.60 2.47 0.00
RIVERBAY____ 323610	47.83 2.49 0.00	43.47 2.07 0.00	41.06 1.84 0.00	39.65 1.82 0.00	40.77 1.87 0.00	46.19 2.07 0.00	55.84 2.81 0.00	61.04 3.78 0.00	65.34 4.27 0.00	65.24 4.44 0.00	76.86 5.69 0.00	79.34 5.88 0.00	76.06 5.63 0.00	77.00 5.64 0.00	74.84 5.67 0.00	79.88 6.39 0.00	76.08 5.96 0.00	87.12 6.68 0.00	78.53 6.42 0.00	72.97 5.90 0.00	69.51 5.86 0.00	67.99 6.01 0.00	65.86 5.71 0.00	61.19 5.05 0.00
RIVERSDE_115KV_TB3 55908	46.29 0.95 0.00	42.23 0.83 0.00	40.00 0.78 0.00	38.74 0.91 0.00	39.72 0.82 0.00	45.05 0.93 0.00	54.30 1.27 0.00	58.93 1.66 0.00	62.90 1.83 0.00	62.81 2.01 0.00	74.15 2.99 0.00	76.69 3.23 0.00	73.38 2.96 0.00	74.36 3.00 0.00	72.01 2.84 0.00	76.72 3.23 0.00	72.78 2.66 0.00	83.58 3.14 0.00	74.99 2.88 0.00	69.81 2.75 0.00	66.26 2.61 0.00	64.64 2.67 0.00	62.61 2.47 0.00	58.44 2.30 0.00
ROARING___BROOK_WT_PWR 323790	45.48 0.14 0.00	41.57 0.17 0.00	39.33 0.12 0.00	37.99 0.15 0.00	39.02 0.12 0.00	44.25 0.13 0.00	53.13 0.11 0.00	57.09 -0.17 0.00	60.88 -0.18 0.00	60.56 -0.24 0.00	70.95 -0.21 0.00	73.24 -0.22 0.00	70.28 -0.14 0.00	71.29 -0.07 0.00	69.03 -0.14 0.00	73.27 -0.22 0.00	70.05 -0.07 0.00	80.12 -0.32 0.00	71.82 -0.29 0.00	66.86 -0.20 0.00	63.46 -0.19 0.00	61.73 -0.25 0.00	59.91 -0.24 0.00	55.80 -0.33 0.00

ROCHESRG_115KV_T4 355643	43.53 -1.81 0.00	39.70 -1.70 0.00	37.60 -1.61 0.00	36.32 -1.51 0.00	37.54 -1.36 0.00	42.49 -1.63 0.00	50.43 -2.60 0.00	54.69 -2.58 0.00	58.14 -2.93 0.00	57.70 -3.10 0.00	66.82 -4.34 0.00	68.91 -4.55 0.00	65.99 -4.44 0.00	66.94 -4.42 0.00	64.81 -4.36 0.00	68.42 -5.07 0.00	65.42 -4.70 0.00	75.62 -4.83 0.00	67.28 -4.83 0.00	62.44 -4.63 0.00	59.13 -4.52 0.00	57.64 -4.34 0.00	56.66 -3.49 0.00	53.44 -2.69 0.00
ROCHESTER_9_IC 23652	43.80 -1.54 0.00	39.91 -1.49 0.00	37.80 -1.41 0.00	36.51 -1.32 0.00	37.74 -1.17 0.00	42.75 -1.37 0.00	50.74 -2.28 0.00	55.09 -2.18 0.00	58.56 -2.50 0.00	58.13 -2.68 0.00	67.25 -3.91 0.00	69.42 -4.04 0.00	66.48 -3.94 0.00	67.44 -3.93 0.00	65.30 -3.87 0.00	68.93 -4.56 0.00	65.91 -4.21 0.00	76.18 -4.26 0.00	67.78 -4.33 0.00	62.91 -4.16 0.00	59.58 -4.07 0.00	58.01 -3.97 0.00	56.96 -3.19 0.00	53.72 -2.41 0.00
ROCKVIEW_13_KV_LD 356306	47.38 2.04 0.00	43.10 1.70 0.00	40.78 1.57 0.00	39.42 1.59 0.00	40.58 1.67 0.00	46.06 1.94 0.00	55.73 2.70 0.00	61.04 3.78 0.00	65.28 4.21 0.00	65.12 4.32 0.00	76.50 5.34 0.00	79.12 5.66 0.00	75.78 5.35 0.00	76.79 5.42 0.00	74.50 5.33 0.00	79.44 5.95 0.00	75.73 5.61 0.00	86.88 6.44 0.00	78.17 6.06 0.00	72.56 5.50 0.00	69.00 5.35 0.00	67.25 5.27 0.00	64.90 4.75 0.00	60.34 4.21 0.00
ROME____115KV_TB2 80656	46.97 1.63 0.00	43.02 1.61 0.00	40.74 1.53 0.00	39.05 1.21 0.00	40.19 1.28 0.00	45.80 1.68 0.00	55.36 2.33 0.00	60.36 3.09 0.00	64.30 3.24 0.00	63.96 3.16 0.00	74.51 3.34 0.00	76.84 3.38 0.00	73.45 3.03 0.00	74.36 3.00 0.00	72.35 3.18 0.00	76.72 3.23 0.00	73.34 3.23 0.00	84.14 3.70 0.00	75.14 3.03 0.00	69.81 2.75 0.00	66.07 2.42 0.00	64.33 2.36 0.00	62.25 2.11 0.00	57.93 1.80 0.00
ROSETON___1 23587	46.93 1.59 0.00	42.81 1.41 0.00	40.55 1.33 0.00	39.01 1.17 0.00	40.19 1.28 0.00	45.62 1.50 0.00	55.04 2.01 0.00	60.24 2.98 0.00	64.42 3.36 0.00	64.20 3.40 0.00	75.43 4.27 0.00	78.02 4.56 0.00	74.72 4.30 0.00	75.57 4.21 0.00	73.46 4.29 0.00	78.26 4.77 0.00	74.61 4.49 0.00	85.60 5.15 0.00	76.94 4.83 0.00	71.56 4.49 0.00	68.04 4.39 0.00	66.25 4.27 0.00	64.06 3.91 0.00	59.67 3.54 0.00
ROSETON___2 23588	46.93 1.59 0.00	42.81 1.41 0.00	40.55 1.33 0.00	39.01 1.17 0.00	40.19 1.28 0.00	45.62 1.50 0.00	55.04 2.01 0.00	60.24 2.98 0.00	64.42 3.36 0.00	64.20 3.40 0.00	75.43 4.27 0.00	78.02 4.56 0.00	74.72 4.30 0.00	75.57 4.21 0.00	73.46 4.29 0.00	78.26 4.77 0.00	74.61 4.49 0.00	85.60 5.15 0.00	76.94 4.83 0.00	71.56 4.49 0.00	68.04 4.39 0.00	66.25 4.27 0.00	64.06 3.91 0.00	59.67 3.54 0.00
ROTRRDAM_115KV_TB3 80664	46.52 1.18 0.00	42.48 1.08 0.00	40.19 0.98 0.00	38.78 0.95 0.00	39.88 0.97 0.00	45.27 1.15 0.00	54.51 1.48 0.00	59.10 1.83 0.00	63.14 2.08 0.00	62.87 2.07 0.00	73.58 2.42 0.00	76.11 2.64 0.00	72.82 2.39 0.00	73.86 2.50 0.00	71.52 2.35 0.00	76.14 2.65 0.00	72.36 2.24 0.00	83.18 2.74 0.00	74.71 2.60 0.00	69.48 2.41 0.00	65.95 2.29 0.00	64.27 2.29 0.00	62.31 2.17 0.00	58.10 1.96 0.00
RUSSELL___1 23602	44.03 -1.31 0.00	40.12 -1.28 0.00	37.96 -1.25 0.00	36.66 -1.17 0.00	37.89 -1.01 0.00	42.93 -1.19 0.00	51.01 -2.01 0.00	55.43 -1.83 0.00	58.93 -2.14 0.00	58.49 -2.31 0.00	67.68 -3.49 0.00	69.86 -3.60 0.00	66.90 -3.52 0.00	67.87 -3.50 0.00	65.71 -3.46 0.00	69.38 -4.12 0.00	66.33 -3.79 0.00	76.74 -3.70 0.00	68.29 -3.82 0.00	63.38 -3.69 0.00	59.96 -3.69 0.00	58.38 -3.59 0.00	57.32 -2.83 0.00	54.00 -2.13 0.00
RUSSELL___2 23532	44.03 -1.31 0.00	40.12 -1.28 0.00	37.96 -1.25 0.00	36.66 -1.17 0.00	37.89 -1.01 0.00	42.93 -1.19 0.00	51.01 -2.01 0.00	55.43 -1.83 0.00	58.93 -2.14 0.00	58.49 -2.31 0.00	67.68 -3.49 0.00	69.86 -3.60 0.00	66.90 -3.52 0.00	67.87 -3.50 0.00	65.71 -3.46 0.00	69.38 -4.12 0.00	66.33 -3.79 0.00	76.74 -3.70 0.00	68.29 -3.82 0.00	63.38 -3.69 0.00	59.96 -3.69 0.00	58.38 -3.59 0.00	57.32 -2.83 0.00	54.00 -2.13 0.00
RUSSELL___3 23549	44.03 -1.31 0.00	40.12 -1.28 0.00	37.96 -1.25 0.00	36.66 -1.17 0.00	37.89 -1.01 0.00	42.93 -1.19 0.00	51.01 -2.01 0.00	55.43 -1.83 0.00	58.93 -2.14 0.00	58.49 -2.31 0.00	67.68 -3.49 0.00	69.86 -3.60 0.00	66.90 -3.52 0.00	67.87 -3.50 0.00	65.71 -3.46 0.00	69.38 -4.12 0.00	66.33 -3.79 0.00	76.74 -3.70 0.00	68.29 -3.82 0.00	63.38 -3.69 0.00	59.96 -3.69 0.00	58.38 -3.59 0.00	57.32 -2.83 0.00	54.00 -2.13 0.00
RUSSELL___4 23556	44.03 -1.31 0.00	40.12 -1.28 0.00	37.96 -1.25 0.00	36.66 -1.17 0.00	37.89 -1.01 0.00	42.93 -1.19 0.00	51.01 -2.01 0.00	55.43 -1.83 0.00	58.93 -2.14 0.00	58.49 -2.31 0.00	67.68 -3.49 0.00	69.86 -3.60 0.00	66.90 -3.52 0.00	67.87 -3.50 0.00	65.71 -3.46 0.00	69.38 -4.12 0.00	66.33 -3.79 0.00	76.74 -3.70 0.00	68.29 -3.82 0.00	63.38 -3.69 0.00	59.96 -3.69 0.00	58.38 -3.59 0.00	57.32 -2.83 0.00	54.00 -2.13 0.00
RUSSELL___STATION 23914	44.03 -1.31 0.00	40.12 -1.28 0.00	37.96 -1.25 0.00	36.66 -1.17 0.00	37.89 -1.01 0.00	42.93 -1.19 0.00	51.01 -2.01 0.00	55.43 -1.83 0.00	58.93 -2.14 0.00	58.49 -2.31 0.00	67.68 -3.49 0.00	69.86 -3.60 0.00	66.90 -3.52 0.00	67.87 -3.50 0.00	65.71 -3.46 0.00	69.38 -4.12 0.00	66.33 -3.79 0.00	76.74 -3.70 0.00	68.29 -3.82 0.00	63.38 -3.69 0.00	59.96 -3.69 0.00	58.38 -3.59 0.00	57.32 -2.83 0.00	54.00 -2.13 0.00
S SALMON___HYD 24043	44.30 -1.04 0.00	40.37 -1.03 0.00	38.23 -0.98 0.00	37.12 -0.72 0.00	38.21 -0.70 0.00	43.15 -0.97 0.00	52.12 -0.90 0.00	56.80 -0.46 0.00	60.40 -0.67 0.00	60.13 -0.67 0.00	69.95 -1.21 0.00	72.14 -1.32 0.00	69.02 -1.41 0.00	69.86 -1.50 0.00	67.93 -1.24 0.00	72.02 -1.47 0.00	68.78 -1.33 0.00	79.00 -1.45 0.00	70.59 -1.52 0.00	65.65 -1.41 0.00	62.13 -1.53 0.00	60.61 -1.36 0.00	58.77 -1.38 0.00	54.73 -1.40 0.00
S.PERRY___115KV_TB1 80734	45.84 0.50 0.00	41.69 0.29 0.00	39.45 0.24 0.00	38.10 0.26 0.00	39.45 0.54 0.00	44.65 0.53 0.00	53.18 0.16 0.00	56.12 -1.15 0.00	59.36 -1.71 0.00	58.86 -1.95 0.00	67.82 -3.34 0.00	69.86 -3.60 0.00	66.83 -3.59 0.00	67.87 -3.50 0.00	65.85 -3.32 0.00	69.67 -3.82 0.00	66.82 -3.30 0.00	77.31 -3.14 0.00	68.87 -3.24 0.00	63.85 -3.22 0.00	60.34 -3.31 0.00	58.57 -3.41 0.00	57.44 -2.71 0.00	56.08 -0.06 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.16 -2.18 0.00	39.29 -2.11 0.00	37.25 -1.96 0.00	36.02 -1.82 0.00	37.27 -1.63 0.00	42.09 -2.03 0.00	49.21 -3.82 0.00	52.91 -4.35 0.00	56.36 -4.70 0.00	55.76 -5.05 0.00	64.26 -6.90 0.00	65.90 -7.57 0.00	63.17 -7.25 0.00	64.16 -7.21 0.00	62.05 -7.12 0.00	65.26 -8.23 0.00	62.26 -7.85 0.00	72.32 -8.12 0.00	64.03 -8.08 0.00	59.22 -7.85 0.00	56.27 -7.38 0.00	55.04 -6.94 0.00	54.80 -5.35 0.00	52.37 -3.76 0.00

SAWYER___23_KV_LOAD 55526	43.16 -2.18 0.00	39.29 -2.11 0.00	37.25 -1.96 0.00	36.02 -1.82 0.00	37.27 -1.63 0.00	42.09 -2.03 0.00	49.21 -3.82 0.00	52.91 -4.35 0.00	56.36 -4.70 0.00	55.76 -5.05 0.00	64.26 -6.90 0.00	65.90 -7.57 0.00	63.17 -7.25 0.00	64.16 -7.21 0.00	62.05 -7.12 0.00	65.26 -8.23 0.00	62.26 -7.85 0.00	72.32 -8.12 0.00	64.03 -8.08 0.00	59.22 -7.85 0.00	56.27 -7.38 0.00	55.04 -6.94 0.00	54.80 -5.35 0.00	52.37 -3.76 0.00
SELKIRK___I 23801	46.43 1.09 0.00	42.39 0.99 0.00	40.15 0.94 0.00	38.74 0.91 0.00	39.76 0.85 0.00	45.14 1.02 0.00	54.35 1.33 0.00	58.87 1.60 0.00	62.84 1.77 0.00	62.62 1.82 0.00	73.65 2.49 0.00	76.18 2.72 0.00	72.96 2.53 0.00	73.93 2.57 0.00	71.59 2.42 0.00	76.21 2.72 0.00	72.36 2.24 0.00	83.10 2.65 0.00	74.56 2.45 0.00	69.48 2.41 0.00	65.88 2.23 0.00	64.27 2.29 0.00	62.31 2.16 0.00	58.21 2.08 0.00
SELKIRK___II 23799	46.20 0.86 0.00	42.15 0.75 0.00	39.96 0.74 0.00	38.55 0.72 0.00	39.61 0.70 0.00	44.92 0.80 0.00	54.08 1.06 0.00	58.70 1.43 0.00	62.65 1.59 0.00	62.50 1.70 0.00	73.59 2.42 0.00	76.10 2.64 0.00	72.89 2.46 0.00	73.79 2.43 0.00	71.59 2.42 0.00	76.13 2.64 0.00	72.36 2.24 0.00	83.10 2.65 0.00	74.56 2.45 0.00	69.48 2.41 0.00	65.88 2.23 0.00	64.21 2.23 0.00	62.31 2.16 0.00	58.15 2.02 0.00
SENECA OSWGO___HYD 24041	43.93 -1.41 0.00	40.04 -1.37 0.00	37.92 -1.29 0.00	36.55 -1.29 0.00	37.66 -1.25 0.00	42.75 -1.37 0.00	51.38 -1.64 0.00	55.89 -1.37 0.00	59.48 -1.59 0.00	59.34 -1.46 0.00	69.17 -1.99 0.00	71.48 -1.98 0.00	68.45 -1.97 0.00	69.29 -2.07 0.00	67.24 -1.94 0.00	71.36 -2.13 0.00	68.08 -2.04 0.00	78.28 -2.17 0.00	70.02 -2.09 0.00	65.12 -1.95 0.00	61.75 -1.91 0.00	60.12 -1.86 0.00	58.40 -1.75 0.00	54.56 -1.57 0.00
SENECA___115KV_TB3 355854	43.93 -1.41 0.00	39.91 -1.49 0.00	37.88 -1.33 0.00	36.59 -1.25 0.00	37.89 -1.01 0.00	42.80 -1.32 0.00	50.11 -2.92 0.00	53.89 -3.38 0.00	57.34 -3.73 0.00	56.79 -4.01 0.00	65.47 -5.69 0.00	67.14 -6.32 0.00	64.37 -6.06 0.00	65.37 -5.99 0.00	63.22 -5.95 0.00	66.51 -6.98 0.00	63.53 -6.59 0.00	73.69 -6.76 0.00	65.26 -6.85 0.00	60.29 -6.77 0.00	57.22 -6.43 0.00	55.90 -6.07 0.00	55.64 -4.51 0.00	53.22 -2.92 0.00
SENECA___ENERGY 23797	44.48 -0.86 0.00	40.53 -0.87 0.00	38.35 -0.86 0.00	36.97 -0.87 0.00	38.16 -0.74 0.00	43.33 -0.79 0.00	51.86 -1.17 0.00	56.46 -0.80 0.00	59.97 -1.10 0.00	59.83 -0.98 0.00	69.39 -1.78 0.00	71.63 -1.83 0.00	68.53 -1.90 0.00	69.58 -1.78 0.00	67.51 -1.66 0.00	71.58 -1.91 0.00	68.43 -1.68 0.00	78.91 -1.53 0.00	70.52 -1.59 0.00	65.45 -1.61 0.00	61.94 -1.72 0.00	60.24 -1.73 0.00	58.65 -1.50 0.00	54.90 -1.24 0.00
SHOEMAKER___GT 23640	46.66 1.32 0.00	42.56 1.16 0.00	40.35 1.14 0.00	38.82 0.98 0.00	39.99 1.09 0.00	45.40 1.28 0.00	54.72 1.70 0.00	59.78 2.52 0.00	63.88 2.81 0.00	63.66 2.86 0.00	74.72 3.56 0.00	77.13 3.67 0.00	73.87 3.45 0.00	74.79 3.43 0.00	72.70 3.53 0.00	77.46 3.97 0.00	73.90 3.78 0.00	84.79 4.34 0.00	76.15 4.04 0.00	70.82 3.75 0.00	67.28 3.63 0.00	65.51 3.53 0.00	63.45 3.31 0.00	59.11 2.97 0.00
SHOEMAKR_138KV_BK 111 55601	46.61 1.27 0.00	42.48 1.08 0.00	40.23 1.02 0.00	38.86 1.02 0.00	39.99 1.09 0.00	45.36 1.24 0.00	54.67 1.64 0.00	59.73 2.46 0.00	63.88 2.81 0.00	63.66 2.86 0.00	74.72 3.56 0.00	77.21 3.75 0.00	73.88 3.45 0.00	74.86 3.50 0.00	72.70 3.53 0.00	77.46 3.97 0.00	73.83 3.72 0.00	84.79 4.34 0.00	76.15 4.04 0.00	70.75 3.69 0.00	67.28 3.63 0.00	65.51 3.53 0.00	63.40 3.25 0.00	59.05 2.92 0.00
SHOREHAM_IC_1 23715	49.47 4.13 -0.01	45.00 3.60 0.00	42.31 3.10 0.00	40.71 2.87 0.00	42.25 3.35 0.00	48.14 4.01 -0.01	60.00 5.20 -1.78	69.23 6.58 -5.38	68.10 7.02 -0.01	67.50 6.69 -0.01	81.00 8.11 -1.72	81.49 8.01 -0.02	79.88 7.61 -1.85	84.86 8.13 -5.37	82.91 8.23 -5.51	90.02 8.96 -7.56	101.12 8.62 -22.38	103.13 10.14 -12.55	101.28 9.23 -19.94	98.49 8.45 -22.98	81.69 8.21 -9.83	80.79 8.05 -10.76	67.80 7.64 -0.01	64.65 6.79 -1.72
SHOREHAM_IC_2 23716	49.47 4.13 -0.01	45.00 3.60 0.00	42.31 3.10 0.00	40.71 2.87 0.00	42.25 3.35 0.00	48.14 4.01 -0.01	60.00 5.20 -1.78	69.23 6.58 -5.38	68.10 7.02 -0.01	67.50 6.69 -0.01	81.00 8.11 -1.72	81.49 8.01 -0.02	79.88 7.61 -1.85	84.86 8.13 -5.37	82.91 8.23 -5.51	90.02 8.96 -7.56	101.12 8.62 -22.38	103.13 10.14 -12.55	101.28 9.23 -19.94	98.49 8.45 -22.98	81.69 8.21 -9.83	80.79 8.05 -10.76	67.80 7.64 -0.01	64.65 6.79 -1.72
SISSONVILLE____ 23735	46.88 1.54 0.00	46.78 5.38 0.00	44.39 5.18 0.00	38.93 1.10 0.00	39.95 1.05 0.00	45.93 1.81 0.00	55.94 2.92 0.00	60.36 3.09 0.00	64.12 3.05 0.00	63.29 2.49 0.00	73.58 2.42 0.00	75.59 2.13 0.00	72.47 2.04 0.00	73.29 1.93 0.00	71.46 2.28 0.00	73.93 0.44 0.00	70.96 0.84 0.00	80.20 -0.24 0.00	71.61 -0.50 0.00	66.60 -0.47 0.00	63.27 -0.38 0.00	61.42 -0.56 0.00	60.03 -0.12 0.00	55.91 -0.22 0.00
SITHE_IND_GS1 24169	43.53 -1.82 0.00	39.70 -1.70 0.00	37.60 -1.61 0.00	36.28 -1.55 0.00	37.35 -1.56 0.00	42.35 -1.77 0.00	50.90 -2.12 0.00	55.15 -2.12 0.00	58.75 -2.32 0.00	58.55 -2.25 0.00	68.32 -2.85 0.00	70.52 -2.94 0.00	67.61 -2.82 0.00	68.51 -2.86 0.00	66.40 -2.77 0.00	70.47 -3.02 0.00	67.24 -2.88 0.00	77.22 -3.22 0.00	69.15 -2.96 0.00	64.31 -2.75 0.00	60.98 -2.67 0.00	59.38 -2.60 0.00	57.68 -2.47 0.00	53.89 -2.25 0.00
SITHE_IND_GS2 24170	43.53 -1.82 0.00	39.70 -1.70 0.00	37.60 -1.61 0.00	36.28 -1.55 0.00	37.35 -1.56 0.00	42.35 -1.77 0.00	50.90 -2.12 0.00	55.15 -2.12 0.00	58.75 -2.32 0.00	58.55 -2.25 0.00	68.32 -2.85 0.00	70.52 -2.94 0.00	67.61 -2.82 0.00	68.51 -2.86 0.00	66.40 -2.77 0.00	70.47 -3.02 0.00	67.24 -2.88 0.00	77.22 -3.22 0.00	69.15 -2.96 0.00	64.31 -2.75 0.00	60.98 -2.67 0.00	59.38 -2.60 0.00	57.68 -2.47 0.00	53.89 -2.25 0.00
SITHE_IND_GS3 24171	43.53 -1.82 0.00	39.70 -1.70 0.00	37.60 -1.61 0.00	36.28 -1.55 0.00	37.35 -1.56 0.00	42.35 -1.77 0.00	50.90 -2.12 0.00	55.15 -2.12 0.00	58.75 -2.32 0.00	58.55 -2.25 0.00	68.32 -2.85 0.00	70.52 -2.94 0.00	67.61 -2.82 0.00	68.51 -2.86 0.00	66.40 -2.77 0.00	70.47 -3.02 0.00	67.24 -2.88 0.00	77.22 -3.22 0.00	69.15 -2.96 0.00	64.31 -2.75 0.00	60.98 -2.67 0.00	59.38 -2.60 0.00	57.68 -2.47 0.00	53.89 -2.25 0.00
SITHE_IND_GS4 24172	43.53 -1.82 0.00	39.70 -1.70 0.00	37.60 -1.61 0.00	36.28 -1.55 0.00	37.35 -1.56 0.00	42.35 -1.77 0.00	50.90 -2.12 0.00	55.15 -2.12 0.00	58.75 -2.32 0.00	58.55 -2.25 0.00	68.32 -2.85 0.00	70.52 -2.94 0.00	67.61 -2.82 0.00	68.51 -2.86 0.00	66.40 -2.77 0.00	70.47 -3.02 0.00	67.24 -2.88 0.00	77.22 -3.22 0.00	69.15 -2.96 0.00	64.31 -2.75 0.00	60.98 -2.67 0.00	59.38 -2.60 0.00	57.68 -2.47 0.00	53.89 -2.25 0.00

SITHE___BATAVIA 24024	44.30 -1.04 0.00	40.41 -0.99 0.00	38.27 -0.94 0.00	36.89 -0.94 0.00	38.13 -0.78 0.00	43.24 -0.88 0.00	50.96 -2.07 0.00	54.97 -2.29 0.00	58.44 -2.62 0.00	58.31 -2.50 0.00	66.68 -4.48 0.00	68.54 -4.92 0.00	65.63 -4.79 0.00	66.73 -4.64 0.00	64.54 -4.63 0.00	67.98 -5.51 0.00	65.00 -5.12 0.00	75.06 -5.39 0.00	66.63 -5.48 0.00	61.70 -5.37 0.00	58.37 -5.28 0.00	56.90 -5.08 0.00	56.36 -3.79 0.00	53.55 -2.58 0.00
SITHE___INDEPEND 23800	43.53 -1.81 0.00	39.70 -1.70 0.00	37.60 -1.61 0.00	36.28 -1.55 0.00	37.35 -1.56 0.00	42.36 -1.76 0.00	50.90 -2.12 0.00	55.15 -2.12 0.00	58.75 -2.32 0.00	58.49 -2.31 0.00	68.32 -2.85 0.00	70.52 -2.94 0.00	67.61 -2.82 0.00	68.51 -2.85 0.00	66.41 -2.77 0.00	70.48 -3.01 0.00	67.24 -2.87 0.00	77.23 -3.22 0.00	69.15 -2.96 0.00	64.32 -2.75 0.00	60.98 -2.67 0.00	59.37 -2.60 0.00	57.68 -2.47 0.00	53.94 -2.19 0.00
SITHE___MASSENA 23902	46.02 0.68 0.00	42.11 0.70 0.00	39.88 0.67 0.00	38.55 0.72 0.00	39.57 0.66 0.00	44.87 0.75 0.00	53.82 0.80 0.00	57.44 0.17 0.00	61.25 0.18 0.00	60.80 0.00 0.00	71.24 0.07 0.00	73.46 0.00 0.00	70.64 0.21 0.00	71.72 0.36 0.00	69.31 0.14 0.00	73.49 0.00 0.00	70.47 0.35 0.00	80.20 -0.24 0.00	72.11 0.00 0.00	67.00 -0.07 0.00	63.72 0.06 0.00	61.92 -0.06 0.00	60.21 0.06 0.00	56.13 0.00 0.00
SITHE___OGDNSBRG 24021	48.56 3.22 0.00	48.23 6.83 0.00	45.76 6.55 0.00	40.26 2.42 0.00	41.28 2.37 0.00	47.61 3.49 0.00	58.22 5.20 0.00	63.05 5.78 0.00	66.87 5.80 0.00	65.79 4.99 0.00	76.29 5.12 0.00	78.31 4.85 0.00	74.93 4.51 0.00	75.86 4.50 0.00	74.08 4.91 0.00	76.80 3.31 0.00	74.11 4.00 0.00	83.74 3.30 0.00	73.12 1.01 0.00	68.00 0.94 0.00	64.55 0.89 0.00	62.72 0.74 0.00	61.05 0.90 0.00	56.86 0.73 0.00
SITHE___STERLING 23777	46.52 1.18 0.00	42.39 0.99 0.00	40.15 0.94 0.00	38.78 0.95 0.00	39.91 1.01 0.00	45.35 1.23 0.00	54.77 1.75 0.00	59.61 2.35 0.00	63.51 2.45 0.00	63.24 2.43 0.00	73.65 2.49 0.00	76.03 2.57 0.00	72.75 2.32 0.00	73.65 2.28 0.00	71.59 2.42 0.00	75.99 2.50 0.00	72.57 2.45 0.00	83.26 2.81 0.00	74.35 2.24 0.00	69.15 2.08 0.00	65.43 1.78 0.00	63.71 1.73 0.00	61.71 1.56 0.00	57.54 1.40 0.00
SLEIGHT__34_KV_TB1 80719	43.98 -1.36 0.00	40.08 -1.32 0.00	37.96 -1.25 0.00	36.63 -1.21 0.00	37.81 -1.09 0.00	42.89 -1.24 0.00	51.28 -1.75 0.00	55.89 -1.37 0.00	59.42 -1.65 0.00	59.10 -1.70 0.00	68.60 -2.56 0.00	70.82 -2.64 0.00	67.82 -2.61 0.00	68.72 -2.64 0.00	66.61 -2.56 0.00	70.40 -3.09 0.00	67.31 -2.80 0.00	77.63 -2.82 0.00	69.23 -2.88 0.00	64.25 -2.82 0.00	60.85 -2.80 0.00	59.19 -2.79 0.00	57.80 -2.35 0.00	54.23 -1.91 0.00
SOUTH CAIRO___GT 23612	48.06 2.72 0.00	43.80 2.40 0.00	41.49 2.27 0.00	40.03 2.19 0.00	41.08 2.18 0.00	46.77 2.65 0.00	56.31 3.29 0.00	60.82 3.55 0.00	65.16 4.09 0.00	64.63 3.83 0.00	75.79 4.63 0.00	78.09 4.63 0.00	74.65 4.23 0.00	75.86 4.50 0.00	73.60 4.43 0.00	78.78 5.29 0.00	74.82 4.70 0.00	86.08 5.63 0.00	77.01 4.90 0.00	71.49 4.43 0.00	67.98 4.33 0.00	66.13 4.15 0.00	64.30 4.15 0.00	60.18 4.04 0.00
SOUTH HAMPTN___IC 23720	49.75 4.40 -0.01	45.21 3.81 0.00	42.47 3.25 0.00	40.90 3.06 0.00	42.48 3.58 0.00	48.41 4.28 -0.01	60.37 5.57 -1.78	69.57 6.93 -5.38	68.40 7.32 -0.01	67.80 6.99 -0.01	81.35 8.46 -1.73	81.85 8.37 -0.02	80.23 7.96 -1.85	85.01 8.27 -5.37	83.05 8.37 -5.51	90.17 9.11 -7.57	101.34 8.83 -22.39	103.39 10.38 -12.56	101.43 9.37 -19.95	98.57 8.52 -22.99	81.76 8.27 -9.83	80.86 8.12 -10.77	67.80 7.64 -0.01	64.82 6.96 -1.72
SOUTHDOW_115KV_TB1 355954	45.75 0.41 0.00	41.40 0.00 0.00	39.29 0.08 0.00	37.91 0.08 0.00	39.29 0.39 0.00	44.39 0.26 0.00	52.12 -0.90 0.00	56.23 -1.03 0.00	59.91 -1.16 0.00	59.40 -1.40 0.00	68.74 -2.42 0.00	70.30 -3.16 0.00	67.54 -2.89 0.00	68.58 -2.78 0.00	66.20 -2.97 0.00	69.52 -3.97 0.00	66.33 -3.79 0.00	76.74 -3.70 0.00	67.86 -4.25 0.00	62.50 -4.56 0.00	59.26 -4.39 0.00	57.89 -4.09 0.00	57.50 -2.65 0.00	54.90 -1.23 0.00
SOUTHOLD_69_KV_BK 2 55809	50.02 4.67 -0.01	45.13 3.73 0.00	42.55 3.33 0.00	41.13 3.29 0.00	42.76 3.85 0.00	48.76 4.63 -0.01	60.80 5.99 -1.78	70.15 7.50 -5.38	68.77 7.69 -0.01	68.05 7.24 -0.01	81.50 8.61 -1.73	82.08 8.60 -0.02	80.58 8.31 -1.85	85.15 8.42 -5.37	82.98 8.30 -5.51	90.24 9.19 -7.57	101.34 8.83 -22.39	103.46 10.46 -12.56	101.36 9.30 -19.95	98.50 8.45 -22.99	81.63 8.15 -9.83	80.80 8.06 -10.77	67.56 7.40 -0.01	64.82 6.96 -1.72
SOUTHOLD___IC 23719	50.02 4.67 -0.01	45.42 4.01 0.00	42.62 3.41 0.00	41.05 3.21 0.00	42.72 3.81 0.00	48.76 4.63 -0.01	60.80 5.99 -1.78	69.98 7.33 -5.38	68.77 7.69 -0.01	68.04 7.23 -0.01	81.50 8.61 -1.73	82.00 8.52 -0.02	80.30 8.03 -1.85	85.01 8.27 -5.37	82.98 8.30 -5.51	90.17 9.11 -7.57	101.34 8.83 -22.39	103.46 10.45 -12.56	101.37 9.31 -19.95	98.50 8.45 -22.99	81.64 8.15 -9.83	80.74 8.00 -10.77	67.55 7.40 -0.01	64.87 7.02 -1.72
SOUTH_FORK_WT_PWR 323839	49.80 4.45 -0.01	45.17 3.77 0.00	42.39 3.17 0.00	40.86 3.03 0.00	42.52 3.62 0.00	48.58 4.45 -0.01	60.59 5.78 -1.78	69.57 6.93 -5.38	68.28 7.20 -0.01	67.50 6.69 -0.01	80.72 7.83 -1.73	81.19 7.71 -0.02	79.46 7.19 -1.85	84.15 7.42 -5.37	82.16 7.47 -5.51	89.21 8.16 -7.57	100.50 7.99 -22.39	102.41 9.41 -12.56	100.35 8.29 -19.95	97.56 7.51 -22.99	80.74 7.25 -9.83	79.87 7.12 -10.77	66.71 6.56 -0.01	64.25 6.40 -1.72
SPIERFLS_115KV_TB 1 80737	47.24 1.90 0.00	43.18 1.78 0.00	40.78 1.57 0.00	39.35 1.51 0.00	40.42 1.52 0.00	45.53 1.41 0.00	55.15 2.12 0.00	59.61 2.35 0.00	63.82 2.75 0.00	63.72 2.92 0.00	74.44 3.27 0.00	77.28 3.82 0.00	73.73 3.31 0.00	74.79 3.43 0.00	72.01 2.84 0.00	76.94 3.45 0.00	72.50 2.38 0.00	83.42 2.98 0.00	74.56 2.45 0.00	69.28 2.21 0.00	65.63 1.97 0.00	64.15 2.17 0.00	62.43 2.29 0.00	58.21 2.08 0.00
ST LAWRENCE____ 23600	45.61 0.27 0.00	41.73 0.33 0.00	39.52 0.31 0.00	38.21 0.38 0.00	39.21 0.31 0.00	44.43 0.31 0.00	53.29 0.27 0.00	56.87 -0.40 0.00	60.64 -0.42 0.00	60.25 -0.55 0.00	70.59 -0.57 0.00	72.73 -0.73 0.00	69.94 -0.49 0.00	70.94 -0.43 0.00	68.62 -0.56 0.00	72.76 -0.73 0.00	69.70 -0.42 0.00	79.48 -0.96 0.00	71.39 -0.72 0.00	66.39 -0.67 0.00	63.14 -0.51 0.00	61.36 -0.62 0.00	59.61 -0.54 0.00	55.57 -0.56 0.00
STATE_CA_115KV_115_LB 55624	46.20 0.86 0.00	42.15 0.75 0.00	39.96 0.75 0.00	38.67 0.83 0.00	39.64 0.74 0.00	44.96 0.84 0.00	54.19 1.17 0.00	58.87 1.60 0.00	62.84 1.77 0.00	62.75 1.95 0.00	74.15 2.99 0.00	76.69 3.23 0.00	73.38 2.96 0.00	74.36 3.00 0.00	72.01 2.84 0.00	76.65 3.16 0.00	72.64 2.52 0.00	83.42 2.98 0.00	74.92 2.81 0.00	69.75 2.68 0.00	66.14 2.48 0.00	64.52 2.54 0.00	62.55 2.41 0.00	58.32 2.19 0.00

STATE_ST_34_KV_LOAD 55959	44.84 -0.50 0.00	40.82 -0.58 0.00	38.66 -0.55 0.00	37.31 -0.53 0.00	38.48 -0.43 0.00	43.68 -0.44 0.00	52.55 -0.48 0.00	57.15 -0.11 0.00	60.82 -0.24 0.00	60.56 -0.24 0.00	70.60 -0.57 0.00	72.87 -0.59 0.00	69.79 -0.63 0.00	70.72 -0.64 0.00	68.62 -0.55 0.00	72.76 -0.73 0.00	69.49 -0.63 0.00	80.12 -0.32 0.00	71.61 -0.50 0.00	66.53 -0.54 0.00	63.02 -0.64 0.00	61.23 -0.74 0.00	59.49 -0.66 0.00	55.63 -0.51 0.00
STATION 5_MISC_HYD 23604	43.80 -1.54 0.00	39.99 -1.41 0.00	37.84 -1.37 0.00	36.51 -1.33 0.00	37.66 -1.25 0.00	42.75 -1.37 0.00	50.75 -2.28 0.00	55.03 -2.23 0.00	58.56 -2.51 0.00	58.43 -2.37 0.00	67.32 -3.84 0.00	69.42 -4.04 0.00	66.48 -3.94 0.00	67.44 -3.92 0.00	65.30 -3.87 0.00	69.01 -4.49 0.00	65.91 -4.21 0.00	76.18 -4.27 0.00	67.86 -4.25 0.00	62.91 -4.16 0.00	59.58 -4.08 0.00	58.01 -3.97 0.00	56.96 -3.19 0.00	53.61 -2.52 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	44.52 -0.82 0.00	40.53 -0.87 0.00	38.39 -0.82 0.00	37.08 -0.76 0.00	38.28 -0.62 0.00	43.41 -0.71 0.00	51.81 -1.22 0.00	56.46 -0.80 0.00	59.97 -1.10 0.00	59.59 -1.22 0.00	69.10 -2.06 0.00	71.33 -2.13 0.00	68.31 -2.11 0.00	69.37 -2.00 0.00	67.17 -2.01 0.00	71.07 -2.43 0.00	67.94 -2.17 0.00	78.43 -2.01 0.00	69.95 -2.16 0.00	64.92 -2.15 0.00	61.43 -2.23 0.00	59.75 -2.23 0.00	58.34 -1.80 0.00	54.79 -1.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.57 -1.77 0.00	39.75 -1.66 0.00	37.64 -1.57 0.00	36.36 -1.48 0.00	37.54 -1.36 0.00	42.53 -1.59 0.00	50.59 -2.44 0.00	54.92 -2.35 0.00	58.38 -2.69 0.00	58.01 -2.80 0.00	67.11 -4.06 0.00	69.28 -4.19 0.00	66.34 -4.08 0.00	67.37 -4.00 0.00	65.23 -3.94 0.00	68.86 -4.63 0.00	65.84 -4.28 0.00	76.10 -4.34 0.00	67.71 -4.40 0.00	62.84 -4.23 0.00	59.52 -4.14 0.00	57.95 -4.03 0.00	56.84 -3.31 0.00	53.50 -2.64 0.00
STA_56___34_KV_BUS2 355983	43.57 -1.77 0.00	39.75 -1.66 0.00	37.64 -1.57 0.00	36.36 -1.48 0.00	37.54 -1.36 0.00	42.53 -1.59 0.00	50.59 -2.44 0.00	54.92 -2.35 0.00	58.38 -2.69 0.00	58.01 -2.80 0.00	67.11 -4.06 0.00	69.28 -4.19 0.00	66.34 -4.08 0.00	67.37 -4.00 0.00	65.23 -3.94 0.00	68.86 -4.63 0.00	65.84 -4.28 0.00	76.10 -4.34 0.00	67.71 -4.40 0.00	62.84 -4.23 0.00	59.52 -4.14 0.00	57.95 -4.03 0.00	56.84 -3.31 0.00	53.50 -2.64 0.00
STA_67___115KV_BK2 355882	43.71 -1.63 0.00	39.83 -1.57 0.00	37.72 -1.49 0.00	36.44 -1.40 0.00	37.66 -1.24 0.00	42.62 -1.50 0.00	50.64 -2.39 0.00	54.92 -2.35 0.00	58.38 -2.69 0.00	57.94 -2.86 0.00	67.04 -4.13 0.00	69.20 -4.26 0.00	66.27 -4.16 0.00	67.23 -4.14 0.00	65.09 -4.08 0.00	68.71 -4.78 0.00	65.70 -4.42 0.00	75.94 -4.50 0.00	67.64 -4.47 0.00	62.71 -4.36 0.00	59.39 -4.26 0.00	57.89 -4.09 0.00	56.84 -3.31 0.00	53.61 -2.53 0.00
STA_7___115KV_9TRANS 80674	44.03 -1.31 0.00	40.12 -1.28 0.00	37.96 -1.25 0.00	36.66 -1.17 0.00	37.89 -1.01 0.00	42.93 -1.19 0.00	51.01 -2.01 0.00	55.43 -1.83 0.00	58.93 -2.14 0.00	58.49 -2.31 0.00	67.68 -3.49 0.00	69.86 -3.60 0.00	66.90 -3.52 0.00	67.87 -3.50 0.00	65.71 -3.46 0.00	69.38 -4.12 0.00	66.33 -3.79 0.00	76.74 -3.70 0.00	68.29 -3.82 0.00	63.38 -3.69 0.00	59.96 -3.69 0.00	58.38 -3.59 0.00	57.32 -2.83 0.00	54.00 -2.13 0.00
STA_82___115KV_TB1 80780	43.71 -1.63 0.00	39.83 -1.57 0.00	37.72 -1.49 0.00	36.44 -1.40 0.00	37.66 -1.24 0.00	42.66 -1.46 0.00	50.64 -2.39 0.00	54.92 -2.35 0.00	58.38 -2.69 0.00	57.94 -2.86 0.00	67.11 -4.06 0.00	69.20 -4.26 0.00	66.27 -4.16 0.00	67.30 -4.07 0.00	65.09 -4.08 0.00	68.71 -4.78 0.00	65.70 -4.42 0.00	75.94 -4.50 0.00	67.64 -4.47 0.00	62.77 -4.29 0.00	59.39 -4.26 0.00	57.89 -4.09 0.00	56.84 -3.31 0.00	53.61 -2.53 0.00
STEEL___WIND 323596	43.89 -1.45 0.00	39.95 -1.45 0.00	37.88 -1.33 0.00	36.55 -1.29 0.00	37.74 -1.17 0.00	42.75 -1.37 0.00	50.06 -2.97 0.00	53.77 -3.50 0.00	57.28 -3.79 0.00	57.21 -3.59 0.00	65.54 -5.62 0.00	67.07 -6.39 0.00	64.30 -6.13 0.00	65.30 -6.07 0.00	63.22 -5.95 0.00	66.51 -6.98 0.00	63.46 -6.66 0.00	73.53 -6.92 0.00	65.19 -6.92 0.00	60.22 -6.84 0.00	57.16 -6.49 0.00	55.84 -6.14 0.00	55.57 -4.57 0.00	53.05 -3.09 0.00
STEPHTWN_115KV_BK_2 55603	46.61 1.27 0.00	42.52 1.12 0.00	40.27 1.06 0.00	39.01 1.17 0.00	39.95 1.05 0.00	45.36 1.24 0.00	54.72 1.70 0.00	59.38 2.12 0.00	63.45 2.38 0.00	63.36 2.55 0.00	74.72 3.56 0.00	77.28 3.82 0.00	73.95 3.52 0.00	74.93 3.57 0.00	72.42 3.25 0.00	77.24 3.75 0.00	73.20 3.09 0.00	84.06 3.62 0.00	75.50 3.39 0.00	70.28 3.22 0.00	66.58 2.93 0.00	65.01 3.04 0.00	62.98 2.83 0.00	58.72 2.58 0.00
STEUBEN_REC_LFGE 323667	45.98 0.63 0.00	41.69 0.29 0.00	39.53 0.31 0.00	38.14 0.30 0.00	39.53 0.62 0.00	44.69 0.57 0.00	53.02 0.00 0.00	57.55 0.29 0.00	60.94 -0.12 0.00	60.56 -0.24 0.00	70.10 -1.07 0.00	72.14 -1.32 0.00	69.02 -1.41 0.00	70.08 -1.28 0.00	68.00 -1.18 0.00	71.95 -1.54 0.00	68.86 -1.26 0.00	79.72 -0.72 0.00	70.81 -1.30 0.00	65.46 -1.61 0.00	61.87 -1.78 0.00	59.99 -1.98 0.00	58.77 -1.38 0.00	55.85 -0.28 0.00
STILLWATER___SOLAR 323814	47.61 2.27 0.00	43.51 2.11 0.00	41.13 1.92 0.00	39.61 1.78 0.00	40.73 1.83 0.00	46.15 2.03 0.00	55.73 2.70 0.00	60.41 3.15 0.00	64.61 3.54 0.00	64.45 3.65 0.00	75.36 4.20 0.00	78.09 4.63 0.00	74.65 4.23 0.00	75.65 4.28 0.00	73.04 3.87 0.00	77.97 4.48 0.00	73.76 3.64 0.00	84.79 4.34 0.00	75.71 3.60 0.00	70.42 3.35 0.00	66.77 3.12 0.00	65.14 3.16 0.00	63.15 3.01 0.00	58.94 2.81 0.00
STONY___BROOK 24151	49.20 3.85 -0.01	44.84 3.43 0.00	42.11 2.90 0.00	40.56 2.73 0.00	42.05 3.15 0.00	47.88 3.75 -0.01	59.68 4.88 -1.78	68.88 6.24 -5.37	67.85 6.78 -0.01	67.38 6.57 -0.01	80.93 8.04 -1.72	81.71 8.23 -0.02	80.08 7.82 -1.84	84.64 7.92 -5.36	82.69 8.02 -5.50	89.78 8.74 -7.55	100.81 8.34 -22.35	102.71 9.73 -12.54	100.89 8.87 -19.92	98.19 8.18 -22.95	81.49 8.02 -9.81	80.53 7.81 -10.75	67.61 7.46 -0.01	64.42 6.56 -1.72
STURGEON_POOL_HYD 23609	48.11 2.77 0.00	43.72 2.32 0.00	41.41 2.20 0.00	39.95 2.12 0.00	41.16 2.26 0.00	46.77 2.65 0.00	56.42 3.39 0.00	61.79 4.52 0.00	66.32 5.25 0.00	65.91 5.11 0.00	77.36 6.19 0.00	79.71 6.24 0.00	76.27 5.85 0.00	77.36 5.99 0.00	75.26 6.09 0.00	80.33 6.83 0.00	76.64 6.52 0.00	88.01 7.56 0.00	78.96 6.85 0.00	73.30 6.24 0.00	69.83 6.17 0.00	67.87 5.89 0.00	65.68 5.53 0.00	61.19 5.05 0.00
ST_LAW_115_BK7_LBMP 345037	45.61 0.27 0.00	41.73 0.33 0.00	39.52 0.31 0.00	38.21 0.38 0.00	39.21 0.31 0.00	44.43 0.31 0.00	53.34 0.32 0.00	56.87 -0.40 0.00	60.64 -0.42 0.00	60.25 -0.55 0.00	70.59 -0.57 0.00	72.73 -0.73 0.00	69.94 -0.49 0.00	71.01 -0.36 0.00	68.62 -0.56 0.00	72.76 -0.73 0.00	69.77 -0.35 0.00	79.56 -0.88 0.00	71.39 -0.72 0.00	66.39 -0.67 0.00	63.08 -0.57 0.00	61.36 -0.62 0.00	59.61 -0.54 0.00	55.57 -0.56 0.00

ST_LAW_115_BK8_LBMP 345038	45.61 0.27 0.00	41.73 0.33 0.00	39.52 0.31 0.00	38.21 0.38 0.00	39.21 0.31 0.00	44.43 0.31 0.00	53.34 0.32 0.00	56.87 -0.40 0.00	60.64 -0.42 0.00	60.25 -0.55 0.00	70.59 -0.57 0.00	72.73 -0.73 0.00	69.94 -0.49 0.00	71.01 -0.36 0.00	68.62 -0.56 0.00	72.76 -0.73 0.00	69.77 -0.35 0.00	79.56 -0.88 0.00	71.39 -0.72 0.00	66.39 -0.67 0.00	63.08 -0.57 0.00	61.36 -0.62 0.00	59.61 -0.54 0.00	55.57 -0.56 0.00
ST_LAW_230_BK5_LBMP 345035	45.61 0.27 0.00	41.73 0.33 0.00	39.52 0.31 0.00	38.21 0.38 0.00	39.21 0.31 0.00	44.43 0.31 0.00	53.29 0.27 0.00	56.87 -0.40 0.00	60.64 -0.42 0.00	60.25 -0.55 0.00	70.59 -0.57 0.00	72.73 -0.73 0.00	69.94 -0.49 0.00	70.94 -0.43 0.00	68.62 -0.56 0.00	72.76 -0.73 0.00	69.70 -0.42 0.00	79.56 -0.88 0.00	71.39 -0.72 0.00	66.39 -0.67 0.00	63.14 -0.51 0.00	61.36 -0.62 0.00	59.61 -0.54 0.00	55.57 -0.56 0.00
ST_LAW_230_BK6_LBMP 345036	45.61 0.27 0.00	41.73 0.33 0.00	39.52 0.31 0.00	38.21 0.38 0.00	39.21 0.31 0.00	44.43 0.31 0.00	53.29 0.27 0.00	56.87 -0.40 0.00	60.64 -0.42 0.00	60.25 -0.55 0.00	70.59 -0.57 0.00	72.73 -0.73 0.00	69.94 -0.49 0.00	70.94 -0.43 0.00	68.62 -0.56 0.00	72.76 -0.73 0.00	69.70 -0.42 0.00	79.48 -0.96 0.00	71.39 -0.72 0.00	66.39 -0.67 0.00	63.14 -0.51 0.00	61.36 -0.62 0.00	59.61 -0.54 0.00	55.57 -0.56 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.75 1.41 0.00	42.56 1.16 0.00	40.27 1.06 0.00	38.97 1.14 0.00	40.11 1.21 0.00	45.44 1.32 0.00	54.83 1.80 0.00	59.96 2.69 0.00	64.12 3.05 0.00	63.90 3.10 0.00	75.08 3.91 0.00	77.58 4.11 0.00	74.30 3.87 0.00	75.29 3.93 0.00	73.12 3.94 0.00	77.90 4.41 0.00	74.26 4.14 0.00	85.19 4.75 0.00	76.51 4.40 0.00	71.16 4.09 0.00	67.66 4.01 0.00	65.88 3.90 0.00	63.70 3.55 0.00	59.33 3.20 0.00
SWANROAD_115KV_TB1 355699	42.08 -3.26 0.00	38.30 -3.11 0.00	36.31 -2.90 0.00	35.11 -2.72 0.00	36.38 -2.53 0.00	41.08 -3.04 0.00	47.93 -5.09 0.00	51.37 -5.90 0.00	54.72 -6.35 0.00	54.05 -6.75 0.00	62.20 -8.97 0.00	63.84 -9.62 0.00	61.20 -9.23 0.00	62.16 -9.21 0.00	60.18 -8.99 0.00	63.20 -10.29 0.00	60.30 -9.82 0.00	70.15 -10.30 0.00	62.09 -10.02 0.00	57.41 -9.66 0.00	54.55 -9.10 0.00	53.42 -8.55 0.00	53.23 -6.92 0.00	51.08 -5.05 0.00
SYNERGY___BIOGAS 323694	44.30 -1.04 0.00	40.41 -0.99 0.00	38.27 -0.94 0.00	36.89 -0.94 0.00	38.13 -0.78 0.00	43.24 -0.88 0.00	50.96 -2.07 0.00	54.97 -2.29 0.00	58.44 -2.62 0.00	58.31 -2.50 0.00	66.68 -4.48 0.00	68.54 -4.92 0.00	65.63 -4.79 0.00	66.73 -4.64 0.00	64.54 -4.63 0.00	67.98 -5.51 0.00	65.00 -5.12 0.00	75.06 -5.39 0.00	66.63 -5.48 0.00	61.70 -5.37 0.00	58.37 -5.28 0.00	56.90 -5.08 0.00	56.36 -3.79 0.00	53.55 -2.58 0.00
SYRACUSE___ENERGY_ST1 323597	44.57 -0.77 0.00	40.62 -0.79 0.00	38.47 -0.75 0.00	37.08 -0.76 0.00	38.20 -0.70 0.00	43.37 -0.75 0.00	52.18 -0.85 0.00	56.69 -0.57 0.00	60.33 -0.73 0.00	60.13 -0.67 0.00	70.24 -0.93 0.00	72.51 -0.96 0.00	69.44 -0.99 0.00	70.37 -1.00 0.00	68.20 -0.97 0.00	72.39 -1.10 0.00	69.07 -1.05 0.00	79.48 -0.97 0.00	71.10 -1.01 0.00	66.06 -1.01 0.00	62.64 -1.02 0.00	60.92 -1.05 0.00	59.19 -0.96 0.00	55.29 -0.84 0.00
SYRACUSE___ENERGY_ST2 323598	44.57 -0.77 0.00	40.62 -0.79 0.00	38.47 -0.75 0.00	37.08 -0.76 0.00	38.20 -0.70 0.00	43.37 -0.75 0.00	52.18 -0.85 0.00	56.69 -0.57 0.00	60.33 -0.73 0.00	60.13 -0.67 0.00	70.24 -0.93 0.00	72.51 -0.96 0.00	69.44 -0.99 0.00	70.37 -1.00 0.00	68.20 -0.97 0.00	72.39 -1.10 0.00	69.07 -1.05 0.00	79.48 -0.97 0.00	71.10 -1.01 0.00	66.06 -1.01 0.00	62.64 -1.02 0.00	60.92 -1.05 0.00	59.19 -0.96 0.00	55.29 -0.84 0.00
SYRACUSE___POWER 24017	44.71 -0.63 0.00	40.74 -0.66 0.00	38.58 -0.63 0.00	37.23 -0.61 0.00	38.36 -0.54 0.00	43.50 -0.62 0.00	52.28 -0.74 0.00	56.86 -0.40 0.00	60.52 -0.55 0.00	60.32 -0.49 0.00	70.38 -0.78 0.00	72.65 -0.81 0.00	69.58 -0.85 0.00	70.51 -0.86 0.00	68.41 -0.76 0.00	72.61 -0.88 0.00	69.28 -0.84 0.00	79.72 -0.72 0.00	71.25 -0.87 0.00	66.26 -0.80 0.00	62.76 -0.89 0.00	61.05 -0.93 0.00	59.37 -0.78 0.00	55.46 -0.67 0.00
TALLMAN___138KV_BK151 55660	46.75 1.41 0.00	42.56 1.16 0.00	40.31 1.10 0.00	39.01 1.17 0.00	40.15 1.24 0.00	45.44 1.32 0.00	54.88 1.86 0.00	60.07 2.81 0.00	64.24 3.18 0.00	64.02 3.22 0.00	75.29 4.13 0.00	77.80 4.33 0.00	74.51 4.08 0.00	75.50 4.14 0.00	73.32 4.15 0.00	78.12 4.63 0.00	74.47 4.35 0.00	85.43 4.99 0.00	76.80 4.69 0.00	71.36 4.29 0.00	67.86 4.20 0.00	66.13 4.15 0.00	63.94 3.79 0.00	59.50 3.37 0.00
TEALLAVE_115KV_TB7 355573	44.48 -0.86 0.00	40.53 -0.87 0.00	38.43 -0.78 0.00	37.04 -0.79 0.00	38.17 -0.74 0.00	43.33 -0.79 0.00	52.02 -1.01 0.00	56.52 -0.74 0.00	60.21 -0.85 0.00	60.01 -0.79 0.00	70.03 -1.14 0.00	72.29 -1.18 0.00	69.23 -1.20 0.00	70.15 -1.21 0.00	68.00 -1.18 0.00	72.17 -1.32 0.00	68.86 -1.26 0.00	79.16 -1.29 0.00	70.81 -1.30 0.00	65.79 -1.27 0.00	62.38 -1.27 0.00	60.68 -1.30 0.00	59.01 -1.14 0.00	55.12 -1.01 0.00
TELGRAPH_34_KV_EAST 80808	43.62 -1.72 0.00	39.70 -1.70 0.00	37.64 -1.57 0.00	36.36 -1.48 0.00	37.66 -1.24 0.00	42.58 -1.54 0.00	49.95 -3.08 0.00	53.60 -3.66 0.00	57.04 -4.03 0.00	56.42 -4.38 0.00	64.97 -6.19 0.00	66.78 -6.69 0.00	64.02 -6.41 0.00	65.01 -6.35 0.00	62.88 -6.29 0.00	66.14 -7.35 0.00	63.25 -6.87 0.00	72.96 -7.48 0.00	64.68 -7.43 0.00	59.89 -7.18 0.00	56.78 -6.87 0.00	55.41 -6.57 0.00	55.04 -5.11 0.00	52.71 -3.42 0.00
TEMPLE___115KV_TB 2 55572	44.52 -0.82 0.00	40.57 -0.83 0.00	38.43 -0.78 0.00	37.08 -0.76 0.00	38.20 -0.70 0.00	43.33 -0.79 0.00	52.02 -1.01 0.00	56.58 -0.69 0.00	60.27 -0.79 0.00	60.01 -0.79 0.00	70.10 -1.07 0.00	72.36 -1.10 0.00	69.30 -1.13 0.00	70.22 -1.14 0.00	68.07 -1.11 0.00	72.24 -1.25 0.00	68.93 -1.19 0.00	79.24 -1.21 0.00	70.88 -1.23 0.00	65.86 -1.21 0.00	62.44 -1.21 0.00	60.74 -1.24 0.00	59.07 -1.08 0.00	55.18 -0.95 0.00
TIANA____69_KV_BK 1 55817	49.66 4.31 -0.01	44.88 3.48 0.00	42.35 3.14 0.00	40.94 3.10 0.00	42.48 3.58 0.00	48.37 4.24 -0.01	60.27 5.46 -1.78	69.63 6.99 -5.38	68.40 7.33 -0.01	67.80 6.99 -0.01	81.36 8.47 -1.73	81.85 8.37 -0.02	80.51 8.24 -1.85	85.23 8.49 -5.37	83.12 8.44 -5.51	90.32 9.26 -7.57	101.41 8.91 -22.39	103.38 10.38 -12.56	101.51 9.45 -19.95	98.64 8.58 -22.99	81.89 8.40 -9.83	80.99 8.24 -10.77	67.92 7.76 -0.01	64.82 6.96 -1.72
TILDEN___115KV_TB1 80814	44.71 -0.63 0.00	40.74 -0.66 0.00	38.58 -0.63 0.00	37.23 -0.61 0.00	38.36 -0.54 0.00	43.50 -0.62 0.00	52.28 -0.74 0.00	56.86 -0.40 0.00	60.52 -0.55 0.00	60.32 -0.49 0.00	70.38 -0.78 0.00	72.65 -0.81 0.00	69.58 -0.85 0.00	70.51 -0.86 0.00	68.41 -0.76 0.00	72.61 -0.88 0.00	69.28 -0.84 0.00	79.72 -0.72 0.00	71.25 -0.87 0.00	66.26 -0.80 0.00	62.76 -0.89 0.00	61.05 -0.93 0.00	59.37 -0.78 0.00	55.46 -0.67 0.00

TRIGEN___CC 323695	48.08 2.72 -0.02	43.68 2.28 0.00	41.29 2.08 0.00	39.92 2.08 0.00	41.24 2.33 0.00	46.83 2.69 -0.02	57.69 3.39 -1.27	65.73 4.64 -3.83	66.15 5.07 -0.02	65.93 5.11 -0.02	78.44 6.05 -1.23	79.80 6.32 -0.02	77.73 5.99 -1.32	81.25 6.07 -3.82	79.11 6.02 -3.92	85.55 6.69 -5.38	92.19 6.17 -15.90	96.52 7.16 -8.92	92.91 6.63 -14.17	89.62 6.24 -16.32	76.81 6.17 -6.98	75.64 6.01 -7.65	65.94 5.77 -0.02	62.25 4.88 -1.23
TRINITY___115KV___4 BK 55933	46.11 0.77 0.00	42.06 0.66 0.00	39.88 0.67 0.00	38.59 0.76 0.00	39.57 0.66 0.00	44.87 0.75 0.00	54.09 1.06 0.00	58.75 1.49 0.00	62.72 1.65 0.00	62.57 1.76 0.00	73.94 2.78 0.00	76.47 3.01 0.00	73.17 2.75 0.00	74.15 2.78 0.00	71.80 2.63 0.00	76.50 3.01 0.00	72.57 2.45 0.00	83.34 2.90 0.00	74.78 2.67 0.00	69.68 2.62 0.00	66.07 2.42 0.00	64.46 2.48 0.00	62.43 2.29 0.00	58.27 2.13 0.00
UNION___PROCESSING_DRP 323587	43.71 -1.63 0.00	39.87 -1.53 0.00	37.76 -1.45 0.00	36.47 -1.36 0.00	37.66 -1.24 0.00	42.66 -1.46 0.00	50.64 -2.39 0.00	54.92 -2.35 0.00	58.44 -2.63 0.00	58.01 -2.80 0.00	67.11 -4.06 0.00	69.20 -4.26 0.00	66.27 -4.16 0.00	67.30 -4.07 0.00	65.16 -4.01 0.00	68.79 -4.70 0.00	65.77 -4.35 0.00	76.02 -4.42 0.00	67.64 -4.47 0.00	62.77 -4.29 0.00	59.45 -4.20 0.00	57.89 -4.09 0.00	56.84 -3.31 0.00	53.61 -2.53 0.00
UPPER HUDSON___HYD 24058	47.24 1.90 0.00	43.22 1.82 0.00	40.82 1.61 0.00	39.31 1.47 0.00	40.38 1.48 0.00	45.53 1.41 0.00	55.15 2.12 0.00	59.61 2.35 0.00	63.82 2.75 0.00	63.72 2.92 0.00	74.44 3.28 0.00	77.28 3.82 0.00	73.74 3.31 0.00	74.72 3.35 0.00	72.01 2.84 0.00	76.95 3.45 0.00	72.50 2.39 0.00	83.42 2.98 0.00	74.56 2.45 0.00	69.27 2.21 0.00	65.63 1.98 0.00	64.09 2.11 0.00	62.43 2.29 0.00	58.21 2.08 0.00
UPPER RAQUET___HYD 24056	46.88 1.54 0.00	42.81 1.41 0.00	40.55 1.33 0.00	42.60 4.77 0.00	43.69 4.78 0.00	45.93 1.81 0.00	55.94 2.91 0.00	60.36 3.09 0.00	64.12 3.05 0.00	63.30 2.49 0.00	73.65 2.49 0.00	75.59 2.13 0.00	72.47 2.04 0.00	73.58 2.21 0.00	71.45 2.28 0.00	73.93 0.44 0.00	70.96 0.84 0.00	80.20 -0.24 0.00	71.61 -0.50 0.00	66.60 -0.47 0.00	63.27 -0.38 0.00	61.42 -0.56 0.00	60.03 -0.12 0.00	55.91 -0.22 0.00
VALLEY44_115KV_TB2 355964	44.52 -0.82 0.00	40.45 -0.95 0.00	38.39 -0.82 0.00	37.12 -0.72 0.00	38.52 -0.39 0.00	43.41 -0.71 0.00	51.06 -1.96 0.00	54.92 -2.35 0.00	58.20 -2.87 0.00	57.70 -3.10 0.00	66.75 -4.41 0.00	68.39 -5.07 0.00	65.64 -4.79 0.00	66.58 -4.78 0.00	64.47 -4.70 0.00	67.98 -5.51 0.00	65.28 -4.84 0.00	75.62 -4.83 0.00	67.13 -4.98 0.00	62.03 -5.03 0.00	58.75 -4.90 0.00	57.39 -4.59 0.00	56.60 -3.55 0.00	54.34 -1.80 0.00
VALLEY___115KV_TB 1-4 80826	45.48 0.14 0.00	41.49 0.08 0.00	39.21 0.00 0.00	37.76 -0.08 0.00	38.75 -0.16 0.00	43.90 -0.22 0.00	52.81 -0.21 0.00	57.21 -0.06 0.00	60.94 -0.12 0.00	60.74 -0.06 0.00	71.16 0.00 0.00	73.68 0.22 0.00	70.64 0.21 0.00	71.72 0.36 0.00	69.52 0.35 0.00	73.86 0.37 0.00	70.54 0.42 0.00	80.93 0.48 0.00	72.54 0.43 0.00	67.53 0.47 0.00	64.10 0.45 0.00	62.54 0.56 0.00	60.63 0.48 0.00	56.58 0.45 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	48.02 2.68 0.00	43.72 2.32 0.00	41.41 2.20 0.00	39.92 2.08 0.00	41.08 2.18 0.00	46.72 2.60 0.00	56.42 3.39 0.00	61.62 4.35 0.00	65.71 4.64 0.00	65.36 4.56 0.00	76.29 5.12 0.00	78.60 5.14 0.00	75.07 4.65 0.00	76.07 4.71 0.00	74.01 4.84 0.00	78.56 5.07 0.00	75.03 4.91 0.00	86.40 5.95 0.00	77.30 5.19 0.00	72.03 4.96 0.00	68.24 4.58 0.00	66.50 4.52 0.00	64.42 4.27 0.00	60.12 3.99 0.00
VISCHER___FERRY HYD 24020	47.11 1.77 0.00	43.02 1.61 0.00	40.70 1.49 0.00	39.24 1.40 0.00	40.34 1.44 0.00	45.80 1.68 0.00	55.25 2.23 0.00	59.96 2.69 0.00	64.06 2.99 0.00	63.84 3.04 0.00	74.93 3.77 0.00	77.57 4.11 0.00	74.15 3.73 0.00	75.14 3.78 0.00	72.77 3.59 0.00	77.46 3.97 0.00	73.55 3.43 0.00	84.54 4.10 0.00	75.79 3.68 0.00	70.55 3.49 0.00	66.90 3.24 0.00	65.26 3.28 0.00	63.21 3.07 0.00	59.00 2.86 0.00
V_A_10_SYNC_DSASP 323832	42.67 -2.68 0.00	39.00 -2.40 0.00	36.94 -2.28 0.00	35.64 -2.20 0.00	36.76 -2.14 0.00	41.69 -2.43 0.00	49.05 -3.98 0.00	52.86 -4.41 0.00	56.30 -4.76 0.00	56.18 -4.62 0.00	64.40 -6.76 0.00	66.19 -7.27 0.00	63.38 -7.04 0.00	64.37 -6.99 0.00	62.32 -6.85 0.00	65.70 -7.79 0.00	62.68 -7.43 0.00	72.64 -7.80 0.00	64.46 -7.65 0.00	59.69 -7.38 0.00	56.65 -7.00 0.00	55.35 -6.63 0.00	54.80 -5.35 0.00	51.98 -4.15 0.00
V_CMM_10_SYNC_DSASP 323787	45.89 0.55 0.00	41.98 0.58 0.00	39.76 0.55 0.00	38.40 0.57 0.00	39.45 0.54 0.00	44.69 0.57 0.00	53.66 0.64 0.00	57.21 -0.06 0.00	61.01 -0.06 0.00	60.62 -0.18 0.00	70.95 -0.21 0.00	73.17 -0.29 0.00	70.35 -0.07 0.00	71.44 0.07 0.00	69.03 -0.14 0.00	73.20 -0.29 0.00	70.19 0.07 0.00	79.96 -0.48 0.00	71.82 -0.29 0.00	66.80 -0.27 0.00	63.46 -0.19 0.00	61.73 -0.25 0.00	59.97 -0.18 0.00	55.91 -0.22 0.00
V_CMP_10_SYNC_DSASP 323788	46.88 1.54 0.00	42.89 1.49 0.00	40.62 1.41 0.00	39.39 1.55 0.00	40.38 1.48 0.00	45.71 1.59 0.00	54.99 1.96 0.00	58.13 0.86 0.00	61.92 0.85 0.00	61.47 0.67 0.00	72.09 0.92 0.00	73.76 0.30 0.00	71.55 1.12 0.00	72.72 1.35 0.00	70.21 1.04 0.00	73.71 0.22 0.00	71.45 1.33 0.00	80.28 -0.16 0.00	72.55 0.44 0.00	67.93 0.87 0.00	64.67 1.02 0.00	62.72 0.75 0.00	60.93 0.78 0.00	56.86 0.73 0.00
V_D_10_SYNC_DSASP 323841	46.02 0.68 0.00	42.11 0.70 0.00	39.88 0.67 0.00	38.55 0.72 0.00	39.57 0.66 0.00	44.87 0.75 0.00	53.82 0.80 0.00	57.44 0.17 0.00	61.25 0.18 0.00	60.80 0.00 0.00	71.24 0.07 0.00	73.46 0.00 0.00	70.64 0.21 0.00	71.72 0.36 0.00	69.31 0.14 0.00	73.49 0.00 0.00	70.47 0.35 0.00	80.20 -0.24 0.00	72.11 0.00 0.00	67.00 -0.07 0.00	63.72 0.06 0.00	61.92 -0.06 0.00	60.21 0.06 0.00	56.13 0.00 0.00
V_E_10_SYNC_DSASP 323830	49.79 4.45 0.00	45.25 3.85 0.00	42.82 3.61 0.00	41.09 3.25 0.00	42.25 3.35 0.00	48.31 4.19 0.00	58.44 5.41 0.00	69.06 11.80 0.00	73.10 12.03 0.00	72.72 11.92 0.00	83.97 12.81 0.00	85.95 12.49 0.00	81.55 11.12 0.00	82.64 11.27 0.00	81.35 12.18 0.00	86.64 13.15 0.00	83.86 13.75 0.00	89.85 9.41 0.00	80.04 7.93 0.00	74.38 7.31 0.00	70.27 6.62 0.00	68.48 6.51 0.00	66.05 5.90 0.00	61.64 5.50 0.00
V_F_30_NSYNC___DSASP 323816	47.70 2.36 0.00	43.60 2.19 0.00	41.21 2.00 0.00	39.69 1.85 0.00	40.81 1.91 0.00	46.24 2.12 0.00	55.83 2.81 0.00	60.47 3.20 0.00	64.73 3.66 0.00	64.57 3.77 0.00	75.51 4.34 0.00	78.23 4.77 0.00	74.72 4.30 0.00	75.79 4.43 0.00	73.18 4.01 0.00	78.05 4.56 0.00	73.83 3.71 0.00	84.87 4.42 0.00	75.79 3.68 0.00	70.42 3.35 0.00	66.77 3.12 0.00	65.20 3.22 0.00	63.21 3.07 0.00	59.00 2.86 0.00

V_F_30_SYNC_DSASP 323786	46.20 0.86 0.00	42.15 0.75 0.00	39.96 0.75 0.00	38.67 0.83 0.00	39.64 0.74 0.00	44.96 0.84 0.00	54.19 1.17 0.00	58.87 1.60 0.00	62.84 1.77 0.00	62.75 1.95 0.00	74.15 2.99 0.00	76.69 3.23 0.00	73.38 2.96 0.00	74.36 3.00 0.00	72.01 2.84 0.00	76.65 3.16 0.00	72.64 2.52 0.00	83.42 2.98 0.00	74.92 2.81 0.00	69.75 2.68 0.00	66.14 2.48 0.00	64.52 2.54 0.00	62.55 2.41 0.00	58.32 2.19 0.00
V_XM_10_SYNC_DSASP 323789	46.88 1.54 0.00	42.89 1.49 0.00	40.62 1.41 0.00	39.39 1.55 0.00	40.38 1.48 0.00	45.71 1.59 0.00	54.99 1.96 0.00	58.13 0.86 0.00	61.92 0.85 0.00	61.47 0.67 0.00	72.09 0.92 0.00	73.76 0.30 0.00	71.55 1.12 0.00	72.72 1.35 0.00	70.21 1.04 0.00	73.71 0.22 0.00	71.45 1.33 0.00	80.28 -0.16 0.00	72.55 0.44 0.00	67.93 0.87 0.00	64.67 1.02 0.00	62.72 0.75 0.00	60.93 0.78 0.00	56.86 0.73 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.88 1.54 0.00	42.69 1.28 0.00	40.43 1.22 0.00	39.12 1.29 0.00	40.27 1.36 0.00	45.58 1.46 0.00	54.99 1.96 0.00	60.24 2.98 0.00	64.43 3.36 0.00	64.21 3.40 0.00	75.43 4.27 0.00	77.94 4.48 0.00	74.65 4.23 0.00	75.65 4.28 0.00	73.53 4.36 0.00	78.27 4.78 0.00	74.61 4.49 0.00	85.67 5.23 0.00	76.94 4.83 0.00	71.56 4.49 0.00	68.05 4.39 0.00	66.32 4.34 0.00	64.12 3.97 0.00	59.67 3.54 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	47.43 2.09 0.00	43.10 1.70 0.00	40.78 1.57 0.00	39.39 1.55 0.00	40.54 1.63 0.00	46.02 1.90 0.00	55.73 2.70 0.00	61.10 3.84 0.00	65.46 4.40 0.00	65.30 4.50 0.00	76.72 5.55 0.00	79.27 5.80 0.00	75.92 5.49 0.00	76.93 5.57 0.00	74.71 5.53 0.00	79.66 6.17 0.00	75.87 5.75 0.00	87.12 6.68 0.00	78.31 6.20 0.00	72.77 5.70 0.00	69.19 5.54 0.00	67.43 5.45 0.00	65.14 4.99 0.00	60.51 4.38 0.00
W50THST__13_KV_LOAD 356117	47.56 2.22 0.00	43.22 1.82 0.00	40.90 1.69 0.00	39.50 1.66 0.00	40.65 1.75 0.00	46.19 2.07 0.00	55.94 2.92 0.00	61.39 4.12 0.00	65.77 4.70 0.00	65.61 4.80 0.00	77.07 5.91 0.00	79.63 6.17 0.00	76.27 5.85 0.00	77.29 5.92 0.00	75.05 5.88 0.00	80.03 6.54 0.00	76.29 6.17 0.00	87.52 7.08 0.00	78.67 6.56 0.00	73.03 5.97 0.00	69.45 5.79 0.00	67.68 5.70 0.00	65.38 5.23 0.00	60.68 4.55 0.00
WADING RIVER_IC_1 23522	49.47 4.13 -0.01	45.00 3.60 0.00	42.27 3.06 0.00	40.71 2.87 0.00	42.25 3.35 0.00	48.14 4.01 -0.01	60.01 5.20 -1.78	69.23 6.58 -5.38	68.10 7.02 -0.01	67.56 6.75 -0.01	81.00 8.11 -1.73	81.42 7.94 -0.02	79.88 7.61 -1.85	84.87 8.13 -5.37	82.91 8.23 -5.51	90.02 8.96 -7.57	101.20 8.69 -22.39	103.14 10.14 -12.56	101.30 9.23 -19.95	98.51 8.45 -22.99	81.70 8.21 -9.83	80.80 8.05 -10.77	67.80 7.64 -0.01	64.65 6.79 -1.72
WADING RIVER_IC_2 23547	49.47 4.13 -0.01	45.00 3.60 0.00	42.27 3.06 0.00	40.71 2.87 0.00	42.25 3.35 0.00	48.14 4.01 -0.01	60.01 5.20 -1.78	69.23 6.58 -5.38	68.10 7.02 -0.01	67.56 6.75 -0.01	81.00 8.11 -1.73	81.42 7.94 -0.02	79.88 7.61 -1.85	84.87 8.13 -5.37	82.91 8.23 -5.51	90.02 8.96 -7.57	101.20 8.69 -22.39	103.14 10.14 -12.56	101.30 9.23 -19.95	98.51 8.45 -22.99	81.70 8.21 -9.83	80.80 8.05 -10.77	67.80 7.64 -0.01	64.65 6.79 -1.72
WADING RIVER_IC_3 23601	49.47 4.13 -0.01	45.00 3.60 0.00	42.27 3.06 0.00	40.71 2.87 0.00	42.25 3.35 0.00	48.14 4.01 -0.01	60.01 5.20 -1.78	69.23 6.58 -5.38	68.10 7.02 -0.01	67.56 6.75 -0.01	81.00 8.11 -1.73	81.42 7.94 -0.02	79.88 7.61 -1.85	84.87 8.13 -5.37	82.91 8.23 -5.51	90.02 8.96 -7.57	101.20 8.69 -22.39	103.14 10.14 -12.56	101.30 9.23 -19.95	98.51 8.45 -22.99	81.70 8.21 -9.83	80.80 8.05 -10.77	67.80 7.64 -0.01	64.65 6.79 -1.72
WALDENNY_12_KV_BK2 80841	43.80 -1.54 0.00	39.79 -1.61 0.00	37.76 -1.45 0.00	36.51 -1.32 0.00	37.78 -1.13 0.00	42.71 -1.41 0.00	49.95 -3.08 0.00	53.71 -3.55 0.00	57.22 -3.85 0.00	56.61 -4.20 0.00	65.33 -5.84 0.00	66.92 -6.54 0.00	64.23 -6.20 0.00	65.23 -6.14 0.00	63.09 -6.09 0.00	66.29 -7.20 0.00	63.32 -6.80 0.00	73.45 -7.00 0.00	65.04 -7.07 0.00	60.09 -6.97 0.00	57.03 -6.62 0.00	55.78 -6.20 0.00	55.46 -4.69 0.00	53.05 -3.09 0.00
WALDEN__HYDRO 24148	47.15 1.81 0.00	42.93 1.53 0.00	40.66 1.45 0.00	39.27 1.44 0.00	40.42 1.52 0.00	45.89 1.76 0.00	55.36 2.33 0.00	60.53 3.26 0.00	64.79 3.73 0.00	64.51 3.71 0.00	75.79 4.63 0.00	78.24 4.78 0.00	74.86 4.44 0.00	75.93 4.57 0.00	73.74 4.57 0.00	78.63 5.14 0.00	74.96 4.84 0.00	86.00 5.55 0.00	77.23 5.12 0.00	71.83 4.76 0.00	68.30 4.65 0.00	66.50 4.52 0.00	64.30 4.15 0.00	59.89 3.76 0.00
WARRENSBURG____ 23737	47.24 1.90 0.00	43.22 1.82 0.00	40.82 1.61 0.00	39.31 1.47 0.00	40.38 1.48 0.00	45.53 1.41 0.00	55.15 2.12 0.00	59.61 2.35 0.00	63.82 2.75 0.00	63.72 2.92 0.00	74.44 3.28 0.00	77.28 3.82 0.00	73.74 3.31 0.00	74.72 3.35 0.00	72.01 2.84 0.00	76.95 3.45 0.00	72.50 2.39 0.00	83.42 2.98 0.00	74.56 2.45 0.00	69.27 2.21 0.00	65.63 1.98 0.00	64.09 2.11 0.00	62.43 2.29 0.00	58.21 2.08 0.00
WATERSIDE____6 8 9 23538	47.42 2.09 0.00	43.10 1.70 0.00	40.78 1.57 0.00	39.35 1.51 0.00	40.50 1.60 0.00	45.97 1.85 0.00	55.62 2.60 0.00	60.87 3.61 0.00	65.16 4.09 0.00	65.06 4.26 0.00	76.64 5.48 0.00	79.19 5.73 0.00	75.85 5.42 0.00	76.86 5.50 0.00	74.64 5.46 0.00	79.66 6.17 0.00	75.87 5.75 0.00	86.96 6.52 0.00	78.31 6.20 0.00	72.70 5.63 0.00	69.25 5.60 0.00	67.55 5.58 0.00	65.32 5.17 0.00	60.62 4.49 0.00
WATKINRD_115KV_LN8_ILLION 55919	45.52 0.18 0.00	41.53 0.12 0.00	39.29 0.08 0.00	37.87 0.04 0.00	38.90 0.00 0.00	44.12 0.00 0.00	53.08 0.05 0.00	57.49 0.23 0.00	61.31 0.24 0.00	61.11 0.30 0.00	71.45 0.28 0.00	73.98 0.51 0.00	70.85 0.42 0.00	71.86 0.50 0.00	69.73 0.55 0.00	74.08 0.59 0.00	70.68 0.56 0.00	81.09 0.64 0.00	72.69 0.58 0.00	67.67 0.60 0.00	64.16 0.51 0.00	62.54 0.56 0.00	60.69 0.54 0.00	56.58 0.45 0.00
WATSON__69_KV_BK 1 55734	49.48 4.13 -0.01	44.80 3.39 0.00	42.27 3.06 0.00	40.86 3.03 0.00	42.37 3.46 0.00	48.14 4.01 -0.01	59.98 5.20 -1.76	69.39 6.81 -5.32	68.22 7.14 -0.01	67.80 6.99 -0.01	81.48 8.61 -1.70	82.37 8.89 -0.02	80.70 8.45 -1.82	85.30 8.64 -5.30	83.19 8.58 -5.44	90.30 9.33 -7.47	101.13 8.91 -22.11	103.22 10.38 -12.40	101.33 9.52 -19.70	98.48 8.72 -22.70	81.89 8.53 -9.71	80.97 8.37 -10.63	68.10 7.94 -0.01	64.74 6.90 -1.70
WDELAWARE__HYD 323627	47.56 2.22 0.00	43.35 1.95 0.00	41.06 1.84 0.00	39.46 1.63 0.00	40.66 1.75 0.00	46.28 2.16 0.00	55.83 2.81 0.00	61.21 3.95 0.00	65.59 4.52 0.00	65.18 4.38 0.00	76.36 5.19 0.00	78.68 5.22 0.00	75.22 4.79 0.00	76.15 4.78 0.00	74.22 5.05 0.00	79.15 5.66 0.00	75.66 5.54 0.00	86.64 6.19 0.00	77.66 5.55 0.00	72.10 5.03 0.00	68.62 4.97 0.00	66.69 4.71 0.00	64.66 4.51 0.00	60.35 4.21 0.00

WEST BABYLON___IC 23714	49.16 3.81 -0.01	44.55 3.15 0.00	42.04 2.82 0.00	40.67 2.84 0.00	42.13 3.23 0.00	47.88 3.75 -0.01	59.50 4.77 -1.71	68.73 6.30 -5.16	67.79 6.72 -0.01	67.38 6.57 -0.01	80.93 8.11 -1.65	81.78 8.30 -0.02	80.08 7.89 -1.77	84.58 8.06 -5.15	82.41 7.95 -5.28	89.56 8.82 -7.25	99.93 8.34 -21.46	102.14 9.65 -12.04	100.11 8.87 -19.13	97.35 8.25 -22.04	81.10 8.02 -9.43	80.17 7.87 -10.32	67.62 7.46 -0.01	64.24 6.46 -1.65
WEST CANADA___HYD 24049	45.48 0.14 0.00	41.49 0.08 0.00	39.29 0.08 0.00	37.91 0.08 0.00	38.98 0.08 0.00	44.21 0.09 0.00	53.18 0.16 0.00	57.61 0.35 0.00	61.44 0.37 0.00	61.23 0.43 0.00	71.67 0.50 0.00	74.05 0.58 0.00	70.92 0.50 0.00	71.87 0.50 0.00	69.72 0.55 0.00	74.01 0.52 0.00	70.61 0.49 0.00	81.01 0.57 0.00	72.62 0.51 0.00	67.54 0.47 0.00	64.10 0.45 0.00	62.41 0.44 0.00	60.57 0.42 0.00	56.47 0.34 0.00
WESTERN_NY_WIND 24143	44.25 -1.09 0.00	40.28 -1.12 0.00	38.15 -1.06 0.00	36.89 -0.95 0.00	38.20 -0.70 0.00	43.19 -0.93 0.00	50.90 -2.12 0.00	54.92 -2.35 0.00	58.32 -2.75 0.00	57.70 -3.10 0.00	66.40 -4.77 0.00	68.32 -5.14 0.00	65.42 -5.00 0.00	66.51 -4.85 0.00	64.33 -4.84 0.00	67.68 -5.81 0.00	64.86 -5.26 0.00	74.89 -5.55 0.00	66.41 -5.70 0.00	61.50 -5.57 0.00	58.24 -5.41 0.00	56.77 -5.21 0.00	56.24 -3.91 0.00	53.61 -2.53 0.00
WESTOVER___LESR 323668	45.43 0.09 0.00	41.36 -0.04 0.00	39.17 -0.04 0.00	37.84 0.00 0.00	39.02 0.12 0.00	44.21 0.09 0.00	53.02 0.00 0.00	57.55 0.29 0.00	61.19 0.12 0.00	60.92 0.12 0.00	71.02 -0.14 0.00	73.24 -0.22 0.00	70.07 -0.35 0.00	71.01 -0.36 0.00	68.90 -0.28 0.00	73.05 -0.44 0.00	69.77 -0.35 0.00	80.44 0.00 0.00	71.82 -0.29 0.00	66.73 -0.34 0.00	63.27 -0.38 0.00	61.61 -0.37 0.00	59.91 -0.24 0.00	56.30 0.17 0.00
WETHRSFD_WT_PWR 323626	44.12 -1.22 0.00	40.16 -1.24 0.00	38.07 -1.14 0.00	36.70 -1.13 0.00	37.89 -1.01 0.00	42.93 -1.19 0.00	50.48 -2.54 0.00	54.40 -2.86 0.00	57.89 -3.18 0.00	57.82 -2.98 0.00	66.40 -4.77 0.00	68.17 -5.29 0.00	65.29 -5.14 0.00	66.30 -5.07 0.00	64.26 -4.91 0.00	67.76 -5.73 0.00	64.72 -5.40 0.00	74.89 -5.55 0.00	66.41 -5.70 0.00	61.43 -5.63 0.00	58.18 -5.47 0.00	56.71 -5.27 0.00	56.12 -4.03 0.00	53.38 -2.75 0.00
WHAVSTOR_138KV_BK127 55557	46.70 1.36 0.00	42.48 1.08 0.00	40.23 1.02 0.00	38.97 1.14 0.00	40.11 1.21 0.00	45.40 1.28 0.00	54.77 1.75 0.00	59.96 2.69 0.00	64.12 3.05 0.00	63.96 3.16 0.00	75.15 3.99 0.00	77.65 4.19 0.00	74.37 3.94 0.00	75.36 4.00 0.00	73.18 4.01 0.00	77.97 4.48 0.00	74.33 4.21 0.00	85.27 4.83 0.00	76.65 4.54 0.00	71.29 4.23 0.00	67.79 4.14 0.00	66.07 4.09 0.00	63.88 3.73 0.00	59.45 3.31 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.70 1.36 0.00	42.48 1.08 0.00	40.23 1.02 0.00	38.97 1.14 0.00	40.11 1.21 0.00	45.40 1.28 0.00	54.77 1.75 0.00	59.96 2.69 0.00	64.12 3.05 0.00	63.96 3.16 0.00	75.15 3.99 0.00	77.65 4.19 0.00	74.37 3.94 0.00	75.36 4.00 0.00	73.18 4.01 0.00	77.97 4.48 0.00	74.33 4.21 0.00	85.27 4.83 0.00	76.65 4.54 0.00	71.29 4.23 0.00	67.79 4.14 0.00	66.07 4.09 0.00	63.88 3.73 0.00	59.45 3.31 0.00
WHITEHAL_115KV_TB1 80871	47.97 2.63 0.00	43.84 2.44 0.00	41.41 2.20 0.00	39.88 2.04 0.00	41.01 2.10 0.00	46.33 2.21 0.00	56.21 3.18 0.00	60.76 3.49 0.00	65.10 4.03 0.00	65.00 4.20 0.00	75.79 4.63 0.00	78.83 5.36 0.00	75.14 4.72 0.00	76.22 4.85 0.00	73.25 4.08 0.00	78.41 4.92 0.00	73.69 3.58 0.00	84.79 4.34 0.00	75.79 3.68 0.00	70.35 3.29 0.00	66.58 2.93 0.00	65.14 3.16 0.00	63.22 3.07 0.00	58.94 2.81 0.00
WHITEPLN_13_KV_LOAD 356215	47.61 2.27 0.00	43.31 1.90 0.00	40.98 1.76 0.00	39.61 1.78 0.00	40.77 1.87 0.00	46.33 2.21 0.00	56.05 3.02 0.00	61.39 4.12 0.00	65.65 4.58 0.00	65.54 4.74 0.00	76.93 5.76 0.00	79.63 6.17 0.00	76.27 5.85 0.00	77.29 5.92 0.00	74.91 5.74 0.00	79.88 6.39 0.00	76.15 6.03 0.00	87.44 7.00 0.00	78.60 6.49 0.00	72.97 5.90 0.00	69.32 5.67 0.00	67.49 5.52 0.00	65.14 4.99 0.00	60.57 4.43 0.00
WM_FLOYD_69_KV_BK2 356380	49.38 4.04 -0.01	44.67 3.27 0.00	42.11 2.90 0.00	40.75 2.91 0.00	42.25 3.35 0.00	48.06 3.93 -0.01	59.89 5.09 -1.78	69.29 6.64 -5.38	67.98 6.90 -0.01	67.44 6.63 -0.01	81.00 8.11 -1.72	81.63 8.15 -0.02	80.23 7.96 -1.85	84.86 8.14 -5.36	82.84 8.16 -5.51	89.94 8.89 -7.56	101.05 8.55 -22.38	102.97 9.98 -12.55	101.13 9.09 -19.94	98.35 8.32 -22.97	81.63 8.15 -9.83	80.73 8.00 -10.76	67.74 7.58 -0.01	64.54 6.68 -1.72
WOODARD___115KV_TB2 355635	44.34 -1.00 0.00	40.45 -0.95 0.00	38.31 -0.90 0.00	36.93 -0.91 0.00	38.05 -0.86 0.00	43.19 -0.93 0.00	51.86 -1.17 0.00	56.41 -0.86 0.00	60.03 -1.04 0.00	59.83 -0.97 0.00	69.81 -1.35 0.00	72.07 -1.40 0.00	69.02 -1.41 0.00	70.01 -1.36 0.00	67.86 -1.31 0.00	72.02 -1.47 0.00	68.72 -1.40 0.00	79.00 -1.45 0.00	70.67 -1.44 0.00	65.66 -1.41 0.00	62.25 -1.40 0.00	60.55 -1.43 0.00	58.89 -1.26 0.00	55.01 -1.12 0.00
YORK___WARBASSE 23770	47.80 2.45 -0.01	43.44 2.03 -0.01	41.06 1.84 0.00	39.61 1.78 0.00	40.77 1.87 0.00	46.28 2.16 0.00	56.00 2.97 -0.01	61.28 4.01 -0.01	65.66 4.58 -0.01	65.49 4.68 -0.01	77.14 5.98 0.00	79.71 6.24 0.00	76.34 5.92 0.00	77.36 5.99 0.00	75.12 5.95 0.00	80.19 6.69 -0.01	76.37 6.24 -0.01	87.53 7.08 -0.01	78.82 6.71 -0.01	73.24 6.17 -0.01	69.77 6.11 -0.01	68.06 6.07 -0.01	65.75 5.59 -0.01	61.08 4.94 -0.01