

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										08/28/2024	
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 24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	31.01	28.99	28.58	27.50	28.06	29.08	33.25	34.41	36.53	38.17	40.84	44.03	47.05	51.16	54.45	68.38	81.90	100.83	78.13	62.35	52.05	44.11	40.79	35.70			
	2.24	1.92	1.62	1.36	1.39	1.72	1.97	2.31	2.71	2.89	3.06	3.52	3.76	4.78	5.42	7.09	8.50	10.59	7.97	5.82	4.47	3.42	3.23	2.95			
74TH STREET_GT_1 24260																											
	31.12	28.99	28.61	27.63	28.15	29.16	33.38	34.47	36.59	38.24	41.03	43.99	46.86	50.93	54.30	68.26	81.83	100.66	77.99	62.46	52.05	44.15	40.98	35.83			
	2.36	1.92	1.64	1.49	1.47	1.81	2.10	2.38	2.77	2.96	3.25	3.48	3.59	4.55	5.28	6.98	8.43	10.42	7.84	5.94	4.47	3.46	3.42	3.08			
74TH STREET_GT_2 24261																											
	31.12	28.99	28.61	27.63	28.15	29.16	33.38	34.47	36.59	38.24	41.03	43.99	46.86	50.93	54.30	68.26	81.83	100.66	77.99	62.46	52.05	44.15	40.98	35.83			
	2.36	1.92	1.64	1.49	1.47	1.81	2.10	2.38	2.77	2.96	3.25	3.48	3.59	4.55	5.28	6.98	8.43	10.42	7.84	5.94	4.47	3.46	3.42	3.08			
ADK HUDSON___FALLS 24011																											
	31.09	29.24	28.93	28.05	28.65	29.63	33.91	34.76	36.63	38.10	40.47	43.32	46.73	50.19	52.81	64.11	75.35	94.15	75.41	62.12	52.38	44.48	40.79	35.53			
	2.33	2.17	1.97	1.91	1.97	2.27	2.63	2.66	2.81	2.82	2.68	2.99	3.46	3.80	4.10	5.17	5.93	7.95	6.93	5.60	4.81	3.78	3.23	2.78			
ADK RESOURCE___RCVRY 23798																											
	31.84	29.97	29.58	28.65	29.27	30.34	34.78	35.63	37.54	39.05	41.53	44.54	48.14	51.67	54.23	65.85	77.50	95.12	76.14	62.74	52.91	44.96	41.13	35.76			
	3.08	2.90	2.61	2.51	2.59	2.98	3.50	3.53	3.72	3.78	3.74	4.20	4.89	5.29	5.52	6.86	8.00	8.83	7.63	6.22	5.33	4.27	3.57	3.01			
ADK S GLENS___FALLS 24028																											
	31.09	29.24	28.93	28.05	28.65	29.63	33.91	34.76	36.63	38.10	40.47	43.32	46.73	50.19	52.81	64.11	75.35	94.15	75.41	62.12	52.38	44.48	40.79	35.53			
	2.33	2.17	1.97	1.91	1.97	2.27	2.63	2.66	2.81	2.82	2.68	2.99	3.46	3.80	4.10	5.17	5.93	7.95	6.93	5.60	4.81	3.78	3.23	2.78			
ADK_NYS___DAM 23527																											
	30.14	28.45	28.15	27.13	27.75	28.73	32.75	33.51	35.44	36.69	39.11	41.53	44.71	48.33	50.74	60.73	70.91	88.60	71.14	59.30	49.86	42.56	39.25	34.45			
	1.38	1.38	1.18	0.99	1.07	1.37	1.47	1.41	1.62	1.41	1.32	1.29	1.47	1.95	2.20	3.01	3.57	4.50	3.53	2.77	2.28	1.87	1.69	1.70			
AIR_PRODUCTS___DRP 24190																											
	28.99	27.26	27.10	26.19	26.73	27.60	31.47	32.22	34.06	35.42	37.82	40.39	43.40	46.80	49.47	60.19	70.94	88.18	69.82	57.32	48.15	40.98	37.90	33.14			
	0.23	0.19	0.13	0.05	0.05	0.25	0.19	0.13	0.24	0.14	0.04	0.04	0.13	0.42	0.73	1.02	1.14	1.59	1.18	0.79	0.57	0.28	0.34	0.39			
AKWESSNE_115KV_BK 355683																											
	28.13	26.69	26.69	26.04	26.54	26.89	30.81	31.45	33.14	34.60	37.07	39.70	42.36	44.81	46.99	48.62	56.00	56.55	56.08	44.47	45.67	39.76	36.58	31.90			
	-0.63	-0.38	-0.27	-0.10	-0.13	-0.47	-0.47	-0.64	-0.68	-0.67	-0.72	-0.73	-0.91	-1.58	-1.95	-2.47	-3.00	-3.53	-2.84	-2.32	-1.90	-0.94	-0.98	-0.85			
ALBANY_1_SOLAR 323833																											
	29.63	27.94	27.77	26.82	27.37	28.26	32.19	32.87	34.60	35.84	38.24	40.87	43.91	47.31	49.96	61.18	72.46	90.09	71.35	58.45	49.24	41.91	38.69	33.83			
	0.86	0.87	0.81	0.68	0.69	0.90	0.91	0.77	0.78	0.56	0.46	0.49	0.65	0.93	1.17	1.62	2.00	2.82	2.43	1.92	1.66	1.22	1.13	1.08			
ALBANY_2_SOLAR 323834																											
	29.63	27.94	27.77	26.82	27.37	28.23	32.15	32.87	34.60	35.84	38.24	40.87	43.91	47.31	49.96	61.18	72.46	90.09	71.28	58.45	49.20	41.91	38.69	33.80			
	0.86	0.87	0.81	0.68	0.69	0.88	0.87	0.77	0.78	0.56	0.46	0.49	0.65	0.93	1.17	1.62	2.00	2.82	2.36	1.92	1.62	1.22	1.13	1.05			
ALBANY___1 23571																											
	28.99	27.26	27.10	26.19	26.73	27.60	31.47	32.22	34.06	35.42	37.82	40.39	43.40	46.80	49.47	60.19	70.94	88.18	69.82	57.32	48.15	40.98	37.90	33.14			
	0.23	0.19	0.13	0.05	0.05	0.25	0.19	0.13	0.24	0.14	0.04	0.04	0.13	0.42	0.73	1.02	1.14	1.59	1.18	0.79	0.57	0.28	0.34	0.39			

ALBANY___2 23572	28.99 0.23 0.00	27.26 0.19 0.00	27.10 0.13 0.00	26.19 0.05 0.00	26.73 0.05 0.00	27.60 0.25 0.00	31.47 0.19 0.00	32.22 0.13 0.00	34.06 0.24 0.00	35.42 0.14 0.00	37.82 0.04 0.00	40.39 0.04 0.08	43.40 0.13 0.00	46.80 0.42 0.00	49.47 0.73 0.13	60.19 1.02 0.98	70.94 1.14 1.68	88.18 1.59 1.70	69.82 1.18 0.70	57.32 0.79 0.00	48.15 0.57 0.00	40.98 0.28 0.00	37.90 0.34 0.00	33.14 0.39 0.00
ALBANY___3 23573	28.99 0.23 0.00	27.26 0.19 0.00	27.10 0.13 0.00	26.19 0.05 0.00	26.73 0.05 0.00	27.60 0.25 0.00	31.47 0.19 0.00	32.22 0.13 0.00	34.06 0.24 0.00	35.42 0.14 0.00	37.82 0.04 0.00	40.39 0.04 0.08	43.40 0.13 0.00	46.80 0.42 0.00	49.47 0.73 0.13	60.19 1.02 0.98	70.94 1.14 1.68	88.18 1.59 1.70	69.82 1.18 0.70	57.32 0.79 0.00	48.15 0.57 0.00	40.98 0.28 0.00	37.90 0.34 0.00	33.14 0.39 0.00
ALBANY___4 23574	28.99 0.23 0.00	27.26 0.19 0.00	27.10 0.13 0.00	26.19 0.05 0.00	26.73 0.05 0.00	27.60 0.25 0.00	31.47 0.19 0.00	32.22 0.13 0.00	34.06 0.24 0.00	35.42 0.14 0.00	37.82 0.04 0.00	40.39 0.04 0.08	43.40 0.13 0.00	46.80 0.42 0.00	49.47 0.73 0.13	60.19 1.02 0.98	70.94 1.14 1.68	88.18 1.59 1.70	69.82 1.18 0.70	57.32 0.79 0.00	48.15 0.57 0.00	40.98 0.28 0.00	37.90 0.34 0.00	33.14 0.39 0.00
ALBANY___LFGE 323615	29.34 0.58 0.00	27.64 0.57 0.00	27.45 0.49 0.00	26.48 0.34 0.00	27.02 0.35 0.00	27.93 0.58 0.00	31.81 0.53 0.00	32.61 0.51 0.00	34.46 0.64 0.00	35.84 0.56 0.00	38.35 0.57 0.00	41.03 0.69 0.08	44.12 0.87 0.01	47.59 1.20 0.00	50.15 1.42 0.14	60.98 1.87 1.04	71.86 2.14 1.76	89.25 2.74 1.79	70.68 2.08 0.74	58.05 1.53 0.00	48.81 1.23 0.00	41.59 0.89 0.00	38.35 0.79 0.00	33.53 0.78 0.00
ALCOA_PA_115KV_PL-6C 55860	28.13 -0.63 0.00	26.72 -0.35 0.00	26.72 -0.24 0.00	26.06 -0.08 0.00	26.57 -0.11 0.00	26.89 -0.47 0.00	30.81 -0.47 0.00	31.45 -0.64 0.00	33.11 -0.71 0.00	34.60 -0.67 0.00	37.03 -0.76 0.00	39.66 -0.77 0.00	42.27 -1.00 0.00	44.71 -1.67 0.00	46.67 -2.39 -0.20	48.61 -3.01 8.54	56.43 -3.65 11.40	56.20 -4.41 27.67	56.39 -3.54 9.42	44.28 -2.83 9.42	45.24 -2.33 0.01	39.72 -0.98 0.00	36.51 -1.05 0.00	31.83 -0.92 0.00
ALCOA_RYNLDS___DRP 24188	28.13 -0.63 0.00	26.72 -0.35 0.00	26.72 -0.24 0.00	26.06 -0.08 0.00	26.57 -0.11 0.00	26.89 -0.47 0.00	30.81 -0.47 0.00	31.45 -0.64 0.00	33.11 -0.71 0.00	34.60 -0.67 0.00	37.03 -0.76 0.00	39.66 -0.77 0.00	42.27 -1.00 0.00	44.71 -1.67 0.00	46.67 -2.39 -0.20	48.61 -3.01 8.54	56.43 -3.65 11.40	56.20 -4.41 27.67	56.39 -3.54 9.42	44.28 -2.83 9.42	45.24 -2.33 0.01	39.72 -0.98 0.00	36.51 -1.05 0.00	31.83 -0.92 0.00
ALCOA___DSASP 323711	28.13 -0.63 0.00	26.58 -0.49 0.00	26.61 -0.35 0.00	26.06 -0.08 0.00	26.57 -0.11 0.00	26.89 -0.47 0.00	30.81 -0.47 0.00	31.45 -0.64 0.00	33.11 -0.71 0.00	34.60 -0.67 0.00	37.03 -0.76 0.00	39.50 -0.93 0.00	41.93 -1.34 0.00	44.07 -2.32 0.00	46.67 -2.39 -0.20	48.61 -3.01 8.54	56.43 -3.64 11.40	56.21 -4.41 27.67	56.39 -3.53 9.42	44.28 -2.82 9.42	45.29 -2.28 0.01	39.47 -1.22 0.00	36.51 -1.05 0.00	31.83 -0.92 0.00
ALLEGHENY___COGEN 23514	30.34 1.58 0.00	28.37 1.30 0.00	28.15 1.18 0.00	26.85 0.71 0.00	27.56 0.88 0.00	28.62 1.26 0.00	32.87 1.59 0.00	33.93 1.83 0.00	34.90 1.08 0.00	36.23 0.95 0.00	39.11 1.32 0.00	40.55 0.12 0.00	43.66 0.39 0.00	46.75 0.37 0.00	48.53 -0.34 0.00	59.01 -1.14 0.00	70.69 -0.78 0.00	87.29 -0.97 0.03	69.90 0.55 0.00	58.22 1.69 0.00	49.72 2.14 0.00	42.15 1.46 0.00	38.39 0.83 0.00	33.99 1.24 0.00
ALTAMONT_115KV_TB 2 55880	29.48 0.72 0.00	27.72 0.65 0.00	27.55 0.59 0.00	26.66 0.52 0.00	27.18 0.51 0.00	28.07 0.71 0.00	32.00 0.72 0.00	32.77 0.67 0.00	34.60 0.78 0.00	35.98 0.71 0.00	38.46 0.68 0.00	41.11 0.73 0.04	44.09 0.82 0.00	47.54 1.16 0.00	50.26 1.47 0.08	61.51 1.92 0.57	72.72 2.22 0.98	90.13 2.83 0.99	71.16 2.22 0.41	58.28 1.75 0.00	49.01 1.43 0.00	41.71 1.02 0.00	38.54 0.98 0.00	33.67 0.92 0.00
ALTONA_WT_PWR 323606	27.96 -0.81 0.00	26.53 -0.54 0.00	26.67 -0.30 0.00	26.14 0.00 0.00	26.70 0.03 0.00	27.03 -0.33 0.00	31.09 -0.19 0.00	31.91 -0.19 0.00	33.62 -0.20 0.00	35.20 -0.07 0.00	37.94 0.15 0.00	39.25 -1.17 0.00	40.63 -2.64 0.00	43.00 -3.38 0.00	45.27 -3.37 0.23	46.29 -4.21 9.65	52.26 -5.07 14.14	52.46 -6.01 29.82	52.48 -4.78 12.09	43.00 -3.90 9.63	44.29 -3.28 0.01	39.15 -1.55 0.00	37.22 -0.34 0.00	32.36 -0.39 0.00
AMERICAN_REF_FUEL 24010	28.27 -0.49 0.00	26.56 -0.52 0.00	26.37 -0.59 0.00	25.02 -1.12 0.00	25.74 -0.93 0.00	26.70 -0.66 0.00	30.53 -0.75 0.00	31.65 -0.45 0.00	33.14 -0.68 0.00	34.78 -0.49 0.00	37.97 0.19 0.00	40.35 -0.08 0.00	43.66 0.39 0.00	46.52 0.14 0.00	48.00 -0.88 -0.01	57.58 -2.58 -0.01	68.91 -2.57 0.00	83.76 -4.50 0.03	66.58 -2.78 0.00	55.28 -1.24 0.00	47.01 -0.57 0.00	39.92 -0.77 0.00	36.40 -1.16 0.00	31.41 -1.34 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.31 0.55 0.00	27.50 0.43 0.00	27.26 0.30 0.00	25.91 -0.24 0.00	26.76 0.08 0.00	27.79 0.44 0.00	32.00 0.72 0.00	33.51 1.41 0.00	35.24 1.42 0.00	37.04 1.76 0.00	40.47 2.68 0.00	43.14 2.71 0.00	46.77 3.50 0.00	50.19 3.80 0.00	51.76 2.88 -0.01	62.14 1.98 -0.01	74.42 2.93 -0.01	89.76 1.50 0.03	71.92 2.57 -0.01	59.41 2.88 0.00	50.29 2.71 0.00	42.60 1.91 0.00	38.84 1.28 0.00	33.40 0.65 0.00
ARTHUR KILL_GT_1 23520	43.81 2.27 -12.78	42.76 1.89 -13.79	42.37 1.56 -13.84	42.34 1.31 -14.89	42.34 1.31 -14.35	41.98 1.64 -12.98	42.39 1.78 -9.32	43.43 2.15 -9.18	43.43 2.57 -7.05	43.84 2.75 -5.81	73.55 2.95 -32.82	43.90 3.40 -0.08	43.88 3.46 2.86	44.28 4.50 6.60	45.07 4.74 8.54	49.57 6.31 16.90	63.13 7.72 16.07	81.95 9.63 15.97	59.26 7.14 17.23	45.60 5.43 16.36	43.99 4.14 7.73	43.94 3.46 0.21	42.84 3.34 -1.93	42.81 3.01 -7.05
ARTHUR_KILL_2 23512	43.70 2.16 -12.78	42.65 1.79 -13.79	42.26 1.45 -13.84	42.26 1.23 -14.89	42.26 1.23 -14.35	41.90 1.56 -12.98	42.26 1.66 -9.32	43.30 2.02 -9.18	43.30 2.44 -7.05	43.70 2.61 -5.81	73.40 2.80 -32.82	43.70 3.19 -0.08	43.70 3.29 2.86	44.05 4.26 6.60	44.82 4.49 8.54	49.27 6.01 16.90	62.71 7.29 16.07	81.42 9.10 15.97	58.84 6.72 17.23	45.26 5.09 16.36	43.70 3.85 7.73	43.74 3.26 0.21	42.65 3.16 -1.93	42.65 2.85 -7.05
ARTHUR_KILL_3 23513	43.52 1.98 -12.77	42.56 1.71 -13.79	42.20 1.40 -13.84	42.20 1.18 -14.88	42.20 1.17 -14.35	41.84 1.50 -12.97	42.28 1.69 -9.32	43.24 1.96 -9.19	43.17 2.30 -7.05	43.53 2.43 -5.82	73.18 2.57 -32.82	43.46 2.95 -0.09	43.54 3.12 2.85	43.83 4.03 6.59	44.88 4.55 8.53	49.34 6.07 16.89	62.78 7.36 16.06	81.52 9.18 15.96	58.92 6.80 17.23	45.15 4.98 16.35	43.61 3.76 7.72	43.38 2.89 0.20	42.34 2.85 -1.93	42.42 2.62 -7.04

ARTHUR_KILL_COGEN 323718	43.81 2.27 -12.78	42.76 1.89 -13.79	42.37 1.56 -13.84	42.34 1.31 -14.89	42.34 1.31 -14.35	41.98 1.64 -12.98	42.39 1.78 -9.32	43.43 2.15 -9.18	43.43 2.57 -7.05	43.84 2.75 -5.81	73.55 2.95 -32.82	43.90 3.40 -0.08	43.88 3.46 2.86	44.28 4.50 6.60	45.07 4.74 8.54	49.57 6.31 16.90	63.13 7.72 16.07	81.95 9.63 15.97	59.26 7.14 17.23	45.60 5.43 16.36	43.99 4.14 7.73	43.94 3.46 0.21	42.84 3.34 -1.93	42.81 3.01 -7.05
ASHOKAN____ 23654	29.83 1.06 0.00	28.02 0.95 0.00	27.80 0.84 0.00	26.85 0.71 0.00	27.37 0.69 0.00	28.21 0.85 0.00	31.97 0.69 0.00	32.51 0.42 0.00	34.19 0.37 0.00	35.45 0.18 0.00	37.86 0.08 0.00	40.63 0.20 0.00	43.92 0.65 0.00	47.50 1.11 0.00	52.48 3.62 0.00	65.02 4.87 0.00	77.63 6.15 0.00	96.15 7.86 0.00	75.72 6.38 0.00	59.24 2.71 0.00	49.77 2.19 0.00	42.08 1.38 0.00	38.87 1.31 0.00	33.93 1.18 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.07 2.30 -0.01	29.11 2.03 -0.01	28.66 1.70 0.00	27.55 1.41 0.00	28.09 1.41 0.00	28.97 1.61 0.00	33.06 1.78 0.00	34.18 2.09 0.00	36.25 2.44 0.01	37.88 2.61 0.01	40.54 2.76 0.00	43.66 3.16 -0.08	46.43 3.16 0.00	50.60 4.22 0.00	53.51 4.49 -0.15	67.30 6.01 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	77.02 6.87 -0.80	62.06 5.54 0.01	51.43 3.85 0.00	44.19 3.50 0.00	40.76 3.19 -0.01	35.71 2.95 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	31.07 2.30 -0.01	29.11 2.03 -0.01	28.66 1.70 0.00	27.55 1.41 0.00	28.09 1.41 0.00	28.97 1.61 0.00	33.06 1.78 0.00	34.18 2.09 0.00	36.25 2.44 0.01	37.88 2.61 0.01	40.54 2.76 0.00	43.66 3.16 -0.08	46.43 3.16 0.00	50.60 4.22 0.00	53.51 4.49 -0.15	67.30 6.01 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	77.02 6.87 -0.80	62.06 5.54 0.01	51.43 3.85 0.00	44.19 3.50 0.00	40.76 3.19 -0.01	35.71 2.95 -0.01
ASTORIA_GT2_1 24094	31.07 2.30 -0.01	29.00 1.92 -0.01	28.61 1.64 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.09 1.81 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.91 2.65 0.01	40.69 2.91 0.00	43.59 3.07 -0.09	46.30 3.03 0.00	50.23 3.85 0.00	53.52 4.50 -0.15	67.36 6.08 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	77.08 6.93 -0.80	61.83 5.31 0.01	51.48 3.90 0.00	44.19 3.50 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
ASTORIA_GT2_2 24095	31.07 2.30 -0.01	29.00 1.92 -0.01	28.61 1.64 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.09 1.81 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.91 2.65 0.01	40.69 2.91 0.00	43.59 3.07 -0.09	46.30 3.03 0.00	50.23 3.85 0.00	53.52 4.50 -0.15	67.36 6.08 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	77.08 6.93 -0.80	61.83 5.31 0.01	51.48 3.90 0.00	44.19 3.50 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
ASTORIA_GT2_3 24096	31.07 2.30 -0.01	29.00 1.92 -0.01	28.61 1.64 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.09 1.81 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.91 2.65 0.01	40.69 2.91 0.00	43.59 3.07 -0.09	46.30 3.03 0.00	50.23 3.85 0.00	53.52 4.50 -0.15	67.36 6.08 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	77.08 6.93 -0.80	61.83 5.31 0.01	51.48 3.90 0.00	44.19 3.50 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
ASTORIA_GT2_4 24097	31.07 2.30 -0.01	29.00 1.92 -0.01	28.61 1.64 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.09 1.81 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.91 2.65 0.01	40.69 2.91 0.00	43.59 3.07 -0.09	46.30 3.03 0.00	50.23 3.85 0.00	53.52 4.50 -0.15	67.36 6.08 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	77.08 6.93 -0.80	61.83 5.31 0.01	51.48 3.90 0.00	44.19 3.50 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
ASTORIA_GT3_1 24098	31.07 2.30 -0.01	29.00 1.92 -0.01	28.61 1.64 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.09 1.81 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.91 2.65 0.01	40.69 2.91 0.00	43.59 3.07 -0.09	46.30 3.03 0.00	50.23 3.85 0.00	53.52 4.50 -0.15	67.36 6.08 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	77.08 6.93 -0.80	61.83 5.31 0.01	51.48 3.90 0.00	44.19 3.50 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
ASTORIA_GT3_2 24099	31.07 2.30 -0.01	29.00 1.92 -0.01	28.61 1.64 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.09 1.81 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.91 2.65 0.01	40.69 2.91 0.00	43.59 3.07 -0.09	46.30 3.03 0.00	50.23 3.85 0.00	53.52 4.50 -0.15	67.36 6.08 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	77.08 6.93 -0.80	61.83 5.31 0.01	51.48 3.90 0.00	44.19 3.50 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
ASTORIA_GT3_3 24100	31.07 2.30 -0.01	29.00 1.92 -0.01	28.61 1.64 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.09 1.81 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.91 2.65 0.01	40.69 2.91 0.00	43.59 3.07 -0.09	46.30 3.03 0.00	50.23 3.85 0.00	53.52 4.50 -0.15	67.36 6.08 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	77.08 6.93 -0.80	61.83 5.31 0.01	51.48 3.90 0.00	44.19 3.50 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
ASTORIA_GT3_4 24101	31.07 2.30 -0.01	29.00 1.92 -0.01	28.61 1.64 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.09 1.81 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.91 2.65 0.01	40.69 2.91 0.00	43.59 3.07 -0.09	46.30 3.03 0.00	50.23 3.85 0.00	53.52 4.50 -0.15	67.36 6.08 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	77.08 6.93 -0.80	61.83 5.31 0.01	51.48 3.90 0.00	44.19 3.50 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
ASTORIA_GT4_1 24102	31.07 2.30 -0.01	29.00 1.92 -0.01	28.61 1.64 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.09 1.81 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.91 2.65 0.01	40.69 2.91 0.00	43.59 3.07 -0.09	46.30 3.03 0.00	50.23 3.85 0.00	53.52 4.50 -0.15	67.36 6.08 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	77.08 6.93 -0.80	61.83 5.31 0.01	51.48 3.90 0.00	44.19 3.50 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
ASTORIA_GT4_2 24103	31.07 2.30 -0.01	29.00 1.92 -0.01	28.61 1.64 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.09 1.81 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.91 2.65 0.01	40.69 2.91 0.00	43.59 3.07 -0.09	46.30 3.03 0.00	50.23 3.85 0.00	53.52 4.50 -0.15	67.36 6.08 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	77.08 6.93 -0.80	61.83 5.31 0.01	51.48 3.90 0.00	44.19 3.50 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
ASTORIA_GT4_3 24104	31.07 2.30 -0.01	29.00 1.92 -0.01	28.61 1.64 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.09 1.81 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.91 2.65 0.01	40.69 2.91 0.00	43.59 3.07 -0.09	46.30 3.03 0.00	50.23 3.85 0.00	53.52 4.50 -0.15	67.36 6.08 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	77.08 6.93 -0.80	61.83 5.31 0.01	51.48 3.90 0.00	44.19 3.50 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01

ASTORIA_GT4_4 24105	31.07 2.30 -0.01	29.00 1.92 -0.01	28.61 1.64 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.09 1.81 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.91 2.65 0.01	40.69 2.91 0.00	43.59 3.07 -0.09	46.30 3.03 0.00	50.23 3.85 0.00	53.52 4.50 -0.15	67.36 6.08 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	77.08 6.93 -0.80	61.83 5.31 0.01	51.48 3.90 0.00	44.19 3.50 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
ASTORIA_GT_1 23523	31.16 2.39 -0.01	29.19 2.11 -0.01	28.74 1.78 0.00	27.63 1.49 0.00	28.14 1.47 0.00	29.06 1.70 0.00	33.16 1.88 0.00	34.28 2.18 0.00	36.38 2.57 0.01	37.98 2.72 0.01	40.69 2.91 0.00	43.82 3.32 -0.08	46.61 3.33 0.00	50.79 4.41 0.00	53.71 4.69 -0.15	67.60 6.31 -1.13	81.12 7.72 -1.92	99.86 9.63 -1.94	77.29 7.14 -0.80	62.29 5.77 0.01	51.62 4.04 0.00	44.36 3.66 0.00	40.87 3.31 -0.01	35.80 3.05 -0.01
ASTORIA_GT_10 24110	31.01 2.24 -0.01	28.88 1.81 0.00	28.53 1.56 0.00	27.53 1.39 0.00	28.04 1.36 0.00	29.00 1.64 0.00	33.16 1.88 0.00	34.28 2.18 0.00	36.39 2.57 0.00	40.68 2.75 -2.65	40.77 2.98 0.00	43.67 3.15 -0.09	46.43 3.16 0.00	50.28 3.90 0.00	53.47 4.45 -0.15	67.30 6.02 -1.13	80.69 7.29 -1.92	99.24 9.01 -1.94	74.19 6.66 1.81	57.50 5.09 4.11	51.34 3.76 0.00	43.91 3.21 0.00	40.76 3.19 -0.01	35.67 2.91 -0.01
ASTORIA_GT_11 24225	31.01 2.24 -0.01	28.88 1.81 0.00	28.53 1.56 0.00	27.53 1.39 0.00	28.04 1.36 0.00	29.00 1.64 0.00	33.16 1.88 0.00	34.28 2.18 0.00	36.39 2.57 0.00	40.68 2.75 -2.65	40.77 2.98 0.00	43.67 3.15 -0.09	46.43 3.16 0.00	50.28 3.90 0.00	53.47 4.45 -0.15	67.30 6.02 -1.13	80.69 7.29 -1.92	99.24 9.01 -1.94	74.19 6.66 1.81	57.50 5.09 4.11	51.34 3.76 0.00	43.91 3.21 0.00	40.76 3.19 -0.01	35.67 2.91 -0.01
ASTORIA_GT_12 24226	31.01 2.24 -0.01	28.88 1.81 0.00	28.53 1.56 0.00	27.53 1.39 0.00	28.04 1.36 0.00	29.00 1.64 0.00	33.16 1.88 0.00	34.28 2.18 0.00	36.39 2.57 0.00	40.68 2.75 -2.65	40.77 2.98 0.00	43.67 3.15 -0.09	46.43 3.16 0.00	50.28 3.90 0.00	53.47 4.45 -0.15	67.30 6.02 -1.13	80.69 7.29 -1.92	99.24 9.01 -1.94	74.19 6.66 1.81	57.50 5.09 4.11	51.34 3.76 0.00	43.91 3.21 0.00	40.76 3.19 -0.01	35.67 2.91 -0.01
ASTORIA_GT_13 24227	31.01 2.24 -0.01	28.88 1.81 0.00	28.53 1.56 0.00	27.53 1.39 0.00	28.04 1.36 0.00	29.00 1.64 0.00	33.16 1.88 0.00	34.28 2.18 0.00	36.39 2.57 0.00	40.68 2.75 -2.65	40.77 2.98 0.00	43.67 3.15 -0.09	46.43 3.16 0.00	50.28 3.90 0.00	53.47 4.45 -0.15	67.30 6.02 -1.13	80.69 7.29 -1.92	99.24 9.01 -1.94	74.19 6.66 1.81	57.50 5.09 4.11	51.34 3.76 0.00	43.91 3.21 0.00	40.76 3.19 -0.01	35.67 2.91 -0.01
ASTORIA_GT_5 24106	31.16 2.39 -0.01	29.05 1.98 -0.01	28.66 1.70 0.00	27.63 1.49 0.00	28.15 1.47 0.00	29.05 1.70 0.00	33.19 1.91 0.00	34.28 2.18 0.00	36.39 2.57 0.00	38.02 2.75 0.01	40.81 3.02 0.00	43.71 3.19 -0.09	46.43 3.16 0.00	50.42 4.04 0.00	53.71 4.69 -0.15	67.60 6.32 -1.13	81.12 7.72 -1.92	99.86 9.62 -1.94	77.29 7.14 -0.80	62.00 5.48 0.01	51.62 4.04 0.00	44.31 3.62 0.00	40.87 3.31 -0.01	35.80 3.05 -0.01
ASTORIA_GT_7 24107	31.16 2.39 -0.01	29.05 1.98 -0.01	28.66 1.70 0.00	27.63 1.49 0.00	28.15 1.47 0.00	29.05 1.70 0.00	33.19 1.91 0.00	34.28 2.18 0.00	36.39 2.57 0.00	38.02 2.75 0.01	40.81 3.02 0.00	43.71 3.19 -0.09	46.43 3.16 0.00	50.42 4.04 0.00	53.71 4.69 -0.15	67.60 6.32 -1.13	81.12 7.72 -1.92	99.86 9.62 -1.94	77.29 7.14 -0.80	62.00 5.48 0.01	51.62 4.04 0.00	44.31 3.62 0.00	40.87 3.31 -0.01	35.80 3.05 -0.01
ASTORIA_GT_8 24108	31.16 2.39 -0.01	29.05 1.98 -0.01	28.66 1.70 0.00	27.63 1.49 0.00	28.15 1.47 0.00	29.05 1.70 0.00	33.19 1.91 0.00	34.28 2.18 0.00	36.39 2.57 0.00	38.02 2.75 0.01	40.81 3.02 0.00	43.71 3.19 -0.09	46.43 3.16 0.00	50.42 4.04 0.00	53.71 4.69 -0.15	67.60 6.32 -1.13	81.12 7.72 -1.92	99.86 9.62 -1.94	77.29 7.14 -0.80	62.00 5.48 0.01	51.62 4.04 0.00	44.31 3.62 0.00	40.87 3.31 -0.01	35.80 3.05 -0.01
ASTORIA___2 24149	31.07 2.30 -0.01	29.13 2.06 -0.01	28.69 1.73 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.06 1.78 0.00	34.18 2.09 0.00	36.28 2.47 0.01	37.88 2.61 0.01	40.58 2.80 0.00	43.70 3.19 -0.08	46.48 3.20 0.00	50.60 4.22 0.00	53.51 4.49 -0.15	67.36 6.07 -1.13	80.83 7.43 -1.92	99.59 9.35 -1.94	77.02 6.87 -0.80	62.06 5.54 0.01	51.48 3.90 0.00	44.23 3.54 0.00	40.76 3.19 -0.01	35.71 2.95 -0.01
ASTORIA___3 23516	31.02 2.24 -0.01	29.02 1.95 0.00	28.58 1.62 0.00	27.50 1.36 0.00	28.04 1.36 0.00	29.00 1.64 0.00	33.12 1.85 0.00	34.28 2.18 0.00	36.39 2.57 0.00	40.64 2.72 -2.65	40.65 2.87 0.00	43.79 3.27 -0.09	46.62 3.33 -0.01	50.65 4.26 0.00	53.47 4.45 -0.15	67.30 6.01 -1.13	80.69 7.29 -1.92	99.24 9.01 -1.94	74.19 6.66 1.81	57.44 5.03 4.11	51.34 3.76 0.00	43.99 3.29 0.00	40.76 3.19 -0.01	35.67 2.91 -0.01
ASTORIA___4 23517	31.01 2.24 -0.01	28.88 1.81 0.00	28.50 1.54 0.00	27.53 1.39 0.00	28.04 1.36 0.00	29.00 1.64 0.00	33.16 1.88 0.00	34.28 2.18 0.00	36.39 2.57 0.00	40.68 2.75 -2.65	40.77 2.98 0.00	43.67 3.15 -0.09	46.43 3.16 0.00	50.28 3.90 0.00	53.47 4.45 -0.15	67.30 6.02 -1.13	80.69 7.29 -1.92	99.24 9.01 -1.94	74.19 6.66 1.81	57.50 5.09 4.11	51.34 3.76 0.00	43.91 3.21 0.00	40.76 3.19 -0.01	35.67 2.91 -0.01
ASTORIA___5 23518	31.02 2.24 -0.01	29.02 1.95 0.00	28.58 1.62 0.00	27.50 1.36 0.00	28.04 1.36 0.00	29.00 1.64 0.00	33.12 1.85 0.00	34.28 2.18 0.00	36.39 2.57 0.00	40.64 2.72 -2.65	40.65 2.87 0.00	43.79 3.27 -0.09	46.62 3.33 -0.01	50.65 4.26 0.00	53.47 4.45 -0.15	67.30 6.01 -1.13	80.69 7.29 -1.92	99.24 9.01 -1.94	74.19 6.66 1.81	57.44 5.03 4.11	51.34 3.76 0.00	43.99 3.29 0.00	40.76 3.19 -0.01	35.67 2.91 -0.01
AST_ENERGY_2_CC3 323677	30.81 2.04 0.00	28.83 1.76 0.00	28.42 1.45 0.00	27.37 1.23 0.00	27.91 1.23 0.00	28.89 1.53 0.00	33.00 1.72 0.00	34.12 2.02 0.00	36.22 2.40 0.00	37.82 2.54 0.00	40.43 2.64 0.00	43.59 3.07 -0.09	46.48 3.20 -0.01	50.56 4.18 0.00	53.67 4.64 -0.15	67.48 6.20 -1.13	80.97 7.57 -1.92	99.59 9.35 -1.95	77.09 6.93 -0.81	61.62 5.09 0.00	51.48 3.90 0.00	43.75 3.05 0.00	40.53 2.97 0.00	35.47 2.72 0.00
AST_ENERGY_2_CC4 323678	30.81 2.04 0.00	28.83 1.76 0.00	28.42 1.45 0.00	27.37 1.23 0.00	27.91 1.23 0.00	28.89 1.53 0.00	33.00 1.72 0.00	34.12 2.02 0.00	36.22 2.40 0.00	37.82 2.54 0.00	40.43 2.64 0.00	43.59 3.07 -0.09	46.48 3.20 -0.01	50.56 4.18 0.00	53.67 4.64 -0.15	67.48 6.20 -1.13	80.97 7.57 -1.92	99.59 9.35 -1.95	77.09 6.93 -0.81	61.62 5.09 0.00	51.48 3.90 0.00	43.75 3.05 0.00	40.53 2.97 0.00	35.47 2.72 0.00

ATHENS_STG_1 23668	29.66 0.89 0.00	27.91 0.84 0.00	27.72 0.75 0.00	26.74 0.60 0.00	27.29 0.61 0.00	28.21 0.85 0.00	32.12 0.84 0.00	32.93 0.83 0.00	34.80 0.98 0.00	36.23 0.95 0.00	38.73 0.94 0.00	41.59 1.13 -0.03	44.53 1.26 -0.01	48.15 1.76 0.00	50.93 2.00 -0.06	63.24 2.64 -0.44	75.36 3.14 -0.75	92.93 3.88 -0.75	72.64 2.98 -0.31	58.79 2.26 0.00	49.39 1.81 0.00	42.03 1.34 0.00	38.80 1.24 0.00	33.96 1.21 0.00
ATHENS_STG_2 23670	29.66 0.89 0.00	27.91 0.84 0.00	27.72 0.75 0.00	26.74 0.60 0.00	27.29 0.61 0.00	28.21 0.85 0.00	32.12 0.84 0.00	32.93 0.83 0.00	34.80 0.98 0.00	36.23 0.95 0.00	38.73 0.94 0.00	41.59 1.13 -0.03	44.53 1.26 -0.01	48.15 1.76 0.00	50.93 2.00 -0.06	63.24 2.64 -0.44	75.36 3.14 -0.75	92.93 3.88 -0.75	72.64 2.98 -0.31	58.79 2.26 0.00	49.39 1.81 0.00	42.03 1.34 0.00	38.80 1.24 0.00	33.96 1.21 0.00
ATHENS_STG_3 23677	29.66 0.89 0.00	27.91 0.84 0.00	27.72 0.75 0.00	26.74 0.60 0.00	27.29 0.61 0.00	28.21 0.85 0.00	32.12 0.84 0.00	32.93 0.83 0.00	34.80 0.98 0.00	36.23 0.95 0.00	38.73 0.94 0.00	41.59 1.13 -0.03	44.53 1.26 -0.01	48.15 1.76 0.00	50.93 2.00 -0.06	63.24 2.64 -0.44	75.36 3.14 -0.75	92.93 3.88 -0.75	72.64 2.98 -0.31	58.79 2.26 0.00	49.39 1.81 0.00	42.03 1.34 0.00	38.80 1.24 0.00	33.96 1.21 0.00
AUBURN___LFGE 323710	29.17 0.40 0.00	27.29 0.22 0.00	27.10 0.13 0.00	26.14 0.00 0.00	26.70 0.03 0.00	27.60 0.25 0.00	31.69 0.41 0.00	32.77 0.67 0.00	34.39 0.57 0.00	35.91 0.63 0.00	38.58 0.79 0.00	41.32 0.89 0.00	44.18 0.91 0.00	47.50 1.11 0.00	49.77 0.93 0.03	60.94 0.84 0.05	72.83 1.50 0.15	89.83 1.68 0.14	70.80 1.60 0.14	58.05 1.53 0.00	49.01 1.43 0.00	41.55 0.85 0.00	38.24 0.68 0.00	33.14 0.39 0.00
BABYLON_RES_REC 323704	31.35 2.59 0.00	29.29 2.22 0.00	28.98 2.02 0.00	27.82 1.67 0.00	28.36 1.68 0.00	29.49 2.14 0.00	33.47 2.19 0.00	34.76 2.66 0.00	37.64 3.01 -0.81	38.75 3.07 -0.41	39.90 2.11 0.00	43.43 2.91 -0.09	46.44 3.16 -0.02	56.42 4.08 -5.96	67.10 4.55 -13.69	74.88 6.50 -8.23	105.35 8.00 -25.87	100.58 9.97 -2.31	96.57 7.49 -19.73	69.04 5.65 -6.86	54.22 4.37 -2.27	45.13 3.54 -0.90	40.34 2.78 0.00	36.67 3.34 -0.57
BABYLON__69_KV_BK2 356345	31.67 2.91 0.00	29.48 2.41 0.00	29.15 2.18 0.00	28.18 2.04 0.00	28.71 2.03 0.00	29.79 2.43 0.00	33.88 2.60 0.00	35.11 3.02 0.00	38.05 3.42 -0.81	39.32 3.63 -0.41	41.37 3.59 0.00	44.27 3.76 -0.09	47.39 4.11 -0.01	56.81 5.19 -5.24	66.73 5.82 -12.05	76.50 8.12 -8.22	104.97 10.01 -23.48	106.45 12.54 -5.62	96.28 9.50 -17.44	70.74 7.35 -6.86	55.65 5.80 -2.27	46.11 4.52 -0.90	41.17 3.61 0.00	37.15 3.83 -0.57
BALL_HILL_WT_PWR 323825	29.31 0.55 0.00	27.48 0.41 0.00	27.26 0.30 0.00	25.91 -0.24 0.00	26.65 -0.03 0.00	27.66 0.30 0.00	31.75 0.47 0.00	33.09 1.00 0.00	34.66 0.85 0.00	36.40 1.13 0.00	39.71 1.93 0.00	42.29 1.86 0.00	45.82 2.55 0.00	49.07 2.69 0.00	50.69 1.81 -0.01	60.94 0.78 -0.01	72.99 1.50 -0.01	88.08 -0.18 0.03	70.53 1.18 -0.01	58.33 1.81 0.00	49.39 1.81 0.00	41.83 1.14 0.00	38.16 0.60 0.00	32.88 0.13 0.00
BARON_WINDS___WT_PWR 323822	29.22 0.46 0.00	27.34 0.27 0.00	27.10 0.14 0.00	25.91 -0.24 0.00	26.57 -0.11 0.00	27.58 0.22 0.00	31.75 0.47 0.00	32.96 0.87 0.00	34.53 0.71 0.00	36.23 0.95 0.00	39.22 1.44 0.00	41.84 1.41 0.00	45.13 1.86 0.00	48.47 2.09 0.00	50.39 1.52 0.00	61.18 1.02 0.00	73.13 1.65 0.00	89.06 0.79 0.02	70.95 1.60 0.00	58.39 1.86 0.00	49.34 1.76 0.00	41.83 1.14 0.00	38.24 0.68 0.00	33.08 0.33 0.00
BARRETT_IC_1 23704	31.18 2.42 0.00	29.15 2.08 0.00	28.80 1.83 0.00	27.68 1.54 0.00	28.22 1.55 0.00	29.30 1.94 0.00	33.34 2.06 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	40.28 2.49 0.00	43.59 3.07 -0.09	46.44 3.16 -0.01	51.35 4.08 -0.89	55.47 4.45 -2.16	74.49 6.14 -8.20	88.01 7.43 -9.09	99.55 9.27 -1.99	79.89 6.93 -3.61	68.93 5.54 -6.86	54.13 4.28 -2.26	44.96 3.42 -0.85	40.61 3.04 -0.01	36.38 3.05 -0.58
BARRETT_IC_10 23701	31.18 2.42 0.00	29.15 2.08 0.00	28.80 1.83 0.00	27.68 1.54 0.00	28.22 1.55 0.00	29.30 1.94 0.00	33.34 2.06 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	40.28 2.49 0.00	43.59 3.07 -0.09	46.44 3.16 -0.01	51.35 4.08 -0.89	55.47 4.45 -2.16	74.49 6.14 -8.20	88.01 7.43 -9.09	99.55 9.27 -1.99	79.89 6.93 -3.61	68.93 5.54 -6.86	54.13 4.28 -2.26	44.96 3.42 -0.85	40.61 3.04 -0.01	36.38 3.05 -0.58
BARRETT_IC_11 23702	31.18 2.42 0.00	29.15 2.08 0.00	28.80 1.83 0.00	27.68 1.54 0.00	28.22 1.55 0.00	29.30 1.94 0.00	33.34 2.06 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	40.28 2.49 0.00	43.59 3.07 -0.09	46.44 3.16 -0.01	51.35 4.08 -0.89	55.47 4.45 -2.16	74.49 6.14 -8.20	88.01 7.43 -9.09	99.55 9.27 -1.99	79.89 6.93 -3.61	68.93 5.54 -6.86	54.13 4.28 -2.26	44.96 3.42 -0.85	40.61 3.04 -0.01	36.38 3.05 -0.58
BARRETT_IC_12 23703	31.18 2.42 0.00	29.15 2.08 0.00	28.80 1.83 0.00	27.68 1.54 0.00	28.22 1.55 0.00	29.30 1.94 0.00	33.34 2.06 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	40.28 2.49 0.00	43.59 3.07 -0.09	46.44 3.16 -0.01	51.35 4.08 -0.89	55.47 4.45 -2.16	74.49 6.14 -8.20	88.01 7.43 -9.09	99.55 9.27 -1.99	79.89 6.93 -3.61	68.93 5.54 -6.86	54.13 4.28 -2.26	44.96 3.42 -0.85	40.61 3.04 -0.01	36.38 3.05 -0.58
BARRETT_IC_2 23705	31.18 2.42 0.00	29.15 2.08 0.00	28.80 1.83 0.00	27.68 1.54 0.00	28.22 1.55 0.00	29.30 1.94 0.00	33.34 2.06 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	40.28 2.49 0.00	43.59 3.07 -0.09	46.44 3.16 -0.01	51.35 4.08 -0.89	55.47 4.45 -2.16	74.49 6.14 -8.20	88.01 7.43 -9.09	99.55 9.27 -1.99	79.89 6.93 -3.61	68.93 5.54 -6.86	54.13 4.28 -2.26	44.96 3.42 -0.85	40.61 3.04 -0.01	36.38 3.05 -0.58
BARRETT_IC_3 23706	31.18 2.42 0.00	29.15 2.08 0.00	28.80 1.83 0.00	27.68 1.54 0.00	28.22 1.55 0.00	29.30 1.94 0.00	33.34 2.06 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	40.28 2.49 0.00	43.59 3.07 -0.09	46.44 3.16 -0.01	51.35 4.08 -0.89	55.47 4.45 -2.16	74.49 6.14 -8.20	88.01 7.43 -9.09	99.55 9.27 -1.99	79.89 6.93 -3.61	68.93 5.54 -6.86	54.13 4.28 -2.26	44.96 3.42 -0.85	40.61 3.04 -0.01	36.38 3.05 -0.58
BARRETT_IC_4 23707	31.18 2.42 0.00	29.15 2.08 0.00	28.80 1.83 0.00	27.68 1.54 0.00	28.22 1.55 0.00	29.30 1.94 0.00	33.34 2.06 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	40.28 2.49 0.00	43.59 3.07 -0.09	46.44 3.16 -0.01	51.35 4.08 -0.89	55.47 4.45 -2.16	74.49 6.14 -8.20	88.01 7.43 -9.09	99.55 9.27 -1.99	79.89 6.93 -3.61	68.93 5.54 -6.86	54.13 4.28 -2.26	44.96 3.42 -0.85	40.61 3.04 -0.01	36.38 3.05 -0.58

BARRETT_IC_5 23708	31.18 2.42 0.00	29.15 2.08 0.00	28.80 1.83 0.00	27.68 1.54 0.00	28.22 1.55 0.00	29.30 1.94 0.00	33.34 2.06 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	40.28 2.49 0.00	43.59 3.07 -0.09	46.44 3.16 -0.01	51.35 4.08 -0.89	55.47 4.45 -2.16	74.49 6.14 -8.20	88.01 7.43 -9.09	99.55 9.27 -1.99	79.89 6.93 -3.61	68.93 5.54 -6.86	54.13 4.28 -2.26	44.96 3.42 -0.85	40.61 3.04 -0.01	36.38 3.05 -0.58
BARRETT_IC_6 23709	31.18 2.42 0.00	29.15 2.08 0.00	28.80 1.83 0.00	27.68 1.54 0.00	28.22 1.55 0.00	29.30 1.94 0.00	33.34 2.06 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	40.28 2.49 0.00	43.59 3.07 -0.09	46.44 3.16 -0.01	51.35 4.08 -0.89	55.47 4.45 -2.16	74.49 6.14 -8.20	88.01 7.43 -9.09	99.55 9.27 -1.99	79.89 6.93 -3.61	68.93 5.54 -6.86	54.13 4.28 -2.26	44.96 3.42 -0.85	40.61 3.04 -0.01	36.38 3.05 -0.58
BARRETT_IC_7 23710	31.18 2.42 0.00	29.05 1.98 0.00	28.69 1.73 0.00	27.74 1.59 0.00	28.25 1.57 0.00	29.30 1.94 0.00	33.41 2.13 0.00	34.54 2.44 0.00	37.44 2.81 -0.81	38.61 2.93 -0.41	40.69 2.91 0.00	43.47 2.95 -0.09	46.26 2.99 0.00	51.17 3.90 -0.89	55.47 4.45 -2.16	74.55 6.20 -8.20	88.01 7.43 -9.09	99.55 9.27 -1.99	79.89 6.93 -3.61	68.98 5.60 -6.86	54.08 4.23 -2.26	44.88 3.34 -0.85	40.60 3.04 0.00	36.37 3.05 -0.57
BARRETT_IC_8 23711	31.18 2.42 0.00	29.15 2.08 0.00	28.80 1.83 0.00	27.68 1.54 0.00	28.22 1.55 0.00	29.30 1.94 0.00	33.34 2.06 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	40.28 2.49 0.00	43.59 3.07 -0.09	46.44 3.16 -0.01	51.35 4.08 -0.89	55.47 4.45 -2.16	74.49 6.14 -8.20	88.01 7.43 -9.09	99.55 9.27 -1.99	79.89 6.93 -3.61	68.93 5.54 -6.86	54.13 4.28 -2.26	44.96 3.42 -0.85	40.61 3.04 -0.01	36.38 3.05 -0.58
BARRETT_IC_9 23700	31.18 2.42 0.00	29.15 2.08 0.00	28.80 1.83 0.00	27.68 1.54 0.00	28.22 1.55 0.00	29.30 1.94 0.00	33.34 2.06 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	40.28 2.49 0.00	43.59 3.07 -0.09	46.44 3.16 -0.01	51.35 4.08 -0.89	55.47 4.45 -2.16	74.49 6.14 -8.20	88.01 7.43 -9.09	99.55 9.27 -1.99	79.89 6.93 -3.61	68.93 5.54 -6.86	54.13 4.28 -2.26	44.96 3.42 -0.85	40.61 3.04 -0.01	36.38 3.05 -0.58
BARRETT___1 23545	31.18 2.42 0.00	29.15 2.08 0.00	28.80 1.83 0.00	27.68 1.54 0.00	28.22 1.55 0.00	29.30 1.94 0.00	33.34 2.06 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	40.28 2.49 0.00	43.59 3.07 -0.09	46.44 3.16 -0.01	51.35 4.08 -0.89	55.47 4.45 -2.16	74.49 6.14 -8.20	88.01 7.43 -9.09	99.55 9.27 -1.99	79.89 6.93 -3.61	68.93 5.54 -6.86	54.13 4.28 -2.26	44.96 3.42 -0.85	40.61 3.04 -0.01	36.38 3.05 -0.58
BARRETT___2 23546	31.18 2.42 0.00	29.15 2.08 0.00	28.80 1.83 0.00	27.68 1.54 0.00	28.22 1.55 0.00	29.30 1.94 0.00	33.34 2.06 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	40.28 2.49 0.00	43.59 3.07 -0.09	46.44 3.16 -0.01	51.35 4.08 -0.89	55.47 4.45 -2.16	74.49 6.14 -8.20	88.01 7.43 -9.09	99.55 9.27 -1.99	79.89 6.93 -3.61	68.93 5.54 -6.86	54.13 4.28 -2.26	44.96 3.42 -0.85	40.61 3.04 -0.01	36.38 3.05 -0.58
BATAVIA__115KV_TB1 55881	29.48 0.72 0.00	27.34 0.27 0.00	27.15 0.19 0.00	26.04 -0.10 0.00	26.81 0.13 0.00	27.77 0.41 0.00	31.81 0.53 0.00	33.19 1.09 0.00	34.70 0.88 0.00	36.19 0.92 0.00	39.45 1.66 0.00	41.96 1.54 0.00	45.17 1.90 0.00	48.66 2.27 0.00	50.14 1.27 0.00	60.28 0.12 0.00	71.91 0.43 0.00	87.64 -0.62 0.04	69.70 0.35 0.00	57.60 1.07 0.00	49.34 1.76 0.00	41.63 0.94 0.00	38.01 0.45 0.00	32.75 0.00 0.00
BAYONEEC___CTG1 323682	30.86 2.10 0.00	28.88 1.81 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.94 1.59 0.00	33.06 1.78 0.00	34.18 2.09 0.00	36.25 2.44 0.00	37.85 2.57 0.00	40.51 2.72 0.00	43.63 3.11 -0.09	43.67 3.25 2.85	44.02 4.22 6.59	45.03 4.69 8.53	49.52 6.26 16.89	62.99 7.57 16.06	81.79 9.45 15.96	59.12 7.00 17.23	45.32 5.14 16.35	43.76 3.90 7.72	43.58 3.09 0.20	40.57 3.01 0.00	35.50 2.75 0.00
BAYONEEC___CTG10 323750	30.86 2.10 0.00	28.88 1.81 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.94 1.59 0.00	33.06 1.78 0.00	34.18 2.09 0.00	36.25 2.44 0.00	37.85 2.57 0.00	40.51 2.72 0.00	43.63 3.11 -0.09	43.67 3.25 2.85	44.02 4.22 6.59	45.03 4.69 8.53	49.52 6.26 16.89	62.99 7.57 16.06	81.79 9.45 15.96	59.12 7.00 17.23	45.32 5.14 16.35	43.76 3.90 7.72	43.58 3.09 0.20	40.57 3.01 0.00	35.50 2.75 0.00
BAYONEEC___CTG2 323683	30.86 2.10 0.00	28.88 1.81 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.94 1.59 0.00	33.06 1.78 0.00	34.18 2.09 0.00	36.25 2.44 0.00	37.85 2.57 0.00	40.51 2.72 0.00	43.63 3.11 -0.09	43.67 3.25 2.85	44.02 4.22 6.59	45.03 4.69 8.53	49.52 6.26 16.89	62.99 7.57 16.06	81.79 9.45 15.96	59.12 7.00 17.23	45.32 5.14 16.35	43.76 3.90 7.72	43.58 3.09 0.20	40.57 3.01 0.00	35.50 2.75 0.00
BAYONEEC___CTG3 323684	30.86 2.10 0.00	28.88 1.81 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.94 1.59 0.00	33.06 1.78 0.00	34.18 2.09 0.00	36.25 2.44 0.00	37.85 2.57 0.00	40.51 2.72 0.00	43.63 3.11 -0.09	43.67 3.25 2.85	44.02 4.22 6.59	45.03 4.69 8.53	49.52 6.26 16.89	62.99 7.57 16.06	81.79 9.45 15.96	59.12 7.00 17.23	45.32 5.14 16.35	43.76 3.90 7.72	43.58 3.09 0.20	40.57 3.01 0.00	35.50 2.75 0.00
BAYONEEC___CTG4 323685	30.86 2.10 0.00	28.88 1.81 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.94 1.59 0.00	33.06 1.78 0.00	34.18 2.09 0.00	36.25 2.44 0.00	37.85 2.57 0.00	40.51 2.72 0.00	43.63 3.11 -0.09	43.67 3.25 2.85	44.02 4.22 6.59	45.03 4.69 8.53	49.52 6.26 16.89	62.99 7.57 16.06	81.79 9.45 15.96	59.12 7.00 17.23	45.32 5.14 16.35	43.76 3.90 7.72	43.58 3.09 0.20	40.57 3.01 0.00	35.50 2.75 0.00
BAYONEEC___CTG5 323686	30.86 2.10 0.00	28.88 1.81 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.94 1.59 0.00	33.06 1.78 0.00	34.18 2.09 0.00	36.25 2.44 0.00	37.85 2.57 0.00	40.51 2.72 0.00	43.63 3.11 -0.09	43.67 3.25 2.85	44.02 4.22 6.59	45.03 4.69 8.53	49.52 6.26 16.89	62.99 7.57 16.06	81.79 9.45 15.96	59.12 7.00 17.23	45.32 5.14 16.35	43.76 3.90 7.72	43.58 3.09 0.20	40.57 3.01 0.00	35.50 2.75 0.00
BAYONEEC___CTG6 323687	30.86 2.10 0.00	28.88 1.81 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.94 1.59 0.00	33.06 1.78 0.00	34.18 2.09 0.00	36.25 2.44 0.00	37.85 2.57 0.00	40.51 2.72 0.00	43.63 3.11 -0.09	43.67 3.25 2.85	44.02 4.22 6.59	45.03 4.69 8.53	49.52 6.26 16.89	62.99 7.57 16.06	81.79 9.45 15.96	59.12 7.00 17.23	45.32 5.14 16.35	43.76 3.90 7.72	43.58 3.09 0.20	40.57 3.01 0.00	35.50 2.75 0.00

BAYONEEC___CTG7 323688	30.86 2.10 0.00	28.88 1.81 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.94 1.59 0.00	33.06 1.78 0.00	34.18 2.09 0.00	36.25 2.44 0.00	37.85 2.57 0.00	40.51 2.72 0.00	43.63 3.11 -0.09	43.67 3.25 2.85	44.02 4.22 6.59	45.03 4.69 8.53	49.52 6.26 16.89	62.99 7.57 16.06	81.79 9.45 15.96	59.12 7.00 17.23	45.32 5.14 16.35	43.76 3.90 7.72	43.58 3.09 0.20	40.57 3.01 0.00	35.50 2.75 0.00
BAYONEEC___CTG8 323689	30.86 2.10 0.00	28.88 1.81 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.94 1.59 0.00	33.06 1.78 0.00	34.18 2.09 0.00	36.25 2.44 0.00	37.85 2.57 0.00	40.51 2.72 0.00	43.63 3.11 -0.09	43.67 3.25 2.85	44.02 4.22 6.59	45.03 4.69 8.53	49.52 6.26 16.89	62.99 7.57 16.06	81.79 9.45 15.96	59.12 7.00 17.23	45.32 5.14 16.35	43.76 3.90 7.72	43.58 3.09 0.20	40.57 3.01 0.00	35.50 2.75 0.00
BAYONEEC___CTG9 323749	30.86 2.10 0.00	28.88 1.81 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.94 1.59 0.00	33.06 1.78 0.00	34.18 2.09 0.00	36.25 2.44 0.00	37.85 2.57 0.00	40.51 2.72 0.00	43.63 3.11 -0.09	43.67 3.25 2.85	44.02 4.22 6.59	45.03 4.69 8.53	49.52 6.26 16.89	62.99 7.57 16.06	81.79 9.45 15.96	59.12 7.00 17.23	45.32 5.14 16.35	43.76 3.90 7.72	43.58 3.09 0.20	40.57 3.01 0.00	35.50 2.75 0.00
BEACON___LESR 323632	29.48 0.72 0.00	27.77 0.70 0.00	27.55 0.59 0.00	26.59 0.44 0.00	27.13 0.45 0.00	28.07 0.71 0.00	32.00 0.72 0.00	32.80 0.71 0.00	34.66 0.85 0.00	36.02 0.74 0.00	38.54 0.76 0.00	41.24 0.89 0.08	44.34 1.08 0.01	47.82 1.44 0.00	50.39 1.66 0.14	61.28 2.16 1.03	72.29 2.57 1.76	89.86 3.35 1.78	71.18 2.57 0.74	58.45 1.92 0.00	49.15 1.57 0.00	41.83 1.14 0.00	38.57 1.01 0.00	33.70 0.95 0.00
BEAVER RIVER___HYD 24048	28.25 -0.52 0.00	26.45 -0.62 0.00	26.37 -0.59 0.00	25.67 -0.47 0.00	26.22 -0.45 0.00	26.92 -0.44 0.00	31.15 -0.12 0.00	31.94 -0.16 0.00	33.45 -0.37 0.00	34.96 -0.32 0.00	37.29 -0.49 0.00	39.86 -0.57 0.00	41.80 -1.47 0.00	44.57 -1.81 0.00	46.18 -2.15 0.54	53.83 -2.71 3.62	61.77 -3.14 6.56	51.74 -3.44 33.11	60.88 -2.49 5.98	52.08 -1.75 2.69	47.10 -0.48 0.00	40.21 -0.49 0.00	37.07 -0.49 0.00	32.16 -0.59 0.00
BEEBEE_GT_13 23619	29.02 0.26 0.00	27.02 -0.05 0.00	26.85 -0.11 0.00	25.80 -0.34 0.00	26.49 -0.19 0.00	27.39 0.03 0.00	31.37 0.09 0.00	32.64 0.55 0.00	34.22 0.41 0.00	35.77 0.49 0.00	38.84 1.06 0.00	41.40 0.97 0.00	44.48 1.21 0.00	47.87 1.48 0.00	49.70 0.83 0.00	60.27 0.12 0.00	71.69 0.21 0.00	88.08 -0.18 0.04	69.35 0.00 0.00	57.09 0.57 0.00	48.63 1.05 0.00	41.14 0.45 0.00	37.64 0.08 0.00	32.45 -0.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	87.14 2.62 -55.76	49.00 2.08 -19.85	42.61 1.81 -13.84	42.65 1.62 -14.89	42.63 1.60 -14.35	42.26 1.92 -12.98	46.88 2.19 -13.41	47.89 2.57 -13.23	46.98 3.01 -10.15	57.24 3.25 -18.72	88.59 3.55 -47.26	44.32 3.80 -0.09	47.12 3.85 0.00	73.72 4.73 -22.60	86.88 5.33 -32.69	86.77 7.04 -19.58	105.35 8.51 -25.36	100.91 10.60 -2.02	83.49 7.91 -6.24	122.30 6.10 -59.67	70.12 4.62 -17.93	69.98 3.87 -25.42	69.95 3.76 -28.64	69.89 3.37 -33.76
BETHLEHEM___GRP 23843	28.99 0.23 0.00	27.26 0.19 0.00	27.10 0.13 0.00	26.19 0.05 0.00	26.73 0.05 0.00	27.60 0.25 0.00	31.47 0.19 0.00	32.22 0.13 0.00	34.06 0.24 0.00	35.42 0.14 0.00	37.82 0.04 0.00	40.39 0.04 0.08	43.40 0.13 0.00	46.80 0.42 0.00	49.47 0.73 0.13	60.19 1.02 0.98	70.94 1.14 1.68	88.18 1.59 1.70	69.82 1.18 0.70	57.32 0.79 0.00	48.15 0.57 0.00	40.98 0.28 0.00	37.90 0.34 0.00	33.14 0.39 0.00
BETHLEHEM___GS1 323560	28.99 0.23 0.00	27.31 0.24 0.00	27.12 0.16 0.00	26.19 0.05 0.00	26.73 0.05 0.00	27.60 0.25 0.00	31.44 0.16 0.00	32.23 0.13 0.00	34.06 0.24 0.00	35.38 0.11 0.00	37.82 0.04 0.00	40.47 0.12 0.08	43.48 0.22 0.01	46.94 0.56 0.00	49.47 0.73 0.13	60.19 1.02 0.98	70.94 1.14 1.68	88.19 1.59 1.70	69.82 1.18 0.70	57.32 0.79 0.00	48.20 0.62 0.00	41.06 0.37 0.00	37.90 0.34 0.00	33.14 0.39 0.00
BETHLEHEM___GS2 323561	28.99 0.23 0.00	27.31 0.24 0.00	27.12 0.16 0.00	26.19 0.05 0.00	26.73 0.05 0.00	27.60 0.25 0.00	31.44 0.16 0.00	32.23 0.13 0.00	34.06 0.24 0.00	35.38 0.11 0.00	37.82 0.04 0.00	40.47 0.12 0.08	43.48 0.22 0.01	46.94 0.56 0.00	49.47 0.73 0.13	60.19 1.02 0.98	70.94 1.14 1.68	88.19 1.59 1.70	69.82 1.18 0.70	57.32 0.79 0.00	48.20 0.62 0.00	41.06 0.37 0.00	37.90 0.34 0.00	33.14 0.39 0.00
BETHLEHEM___GS3 323562	28.99 0.23 0.00	27.31 0.24 0.00	27.12 0.16 0.00	26.19 0.05 0.00	26.73 0.05 0.00	27.60 0.25 0.00	31.44 0.16 0.00	32.23 0.13 0.00	34.06 0.24 0.00	35.38 0.11 0.00	37.82 0.04 0.00	40.47 0.12 0.08	43.48 0.22 0.01	46.94 0.56 0.00	49.47 0.73 0.13	60.19 1.02 0.98	70.94 1.14 1.68	88.19 1.59 1.70	69.82 1.18 0.70	57.32 0.79 0.00	48.20 0.62 0.00	41.06 0.37 0.00	37.90 0.34 0.00	33.14 0.39 0.00
BETHLEHEM___STEEL 23779	29.25 0.49 0.00	27.10 0.03 0.00	26.93 -0.03 0.00	25.83 -0.31 0.00	26.60 -0.08 0.00	27.58 0.22 0.00	31.56 0.28 0.00	32.90 0.80 0.00	34.49 0.68 0.00	36.09 0.81 0.00	39.41 1.62 0.00	41.88 1.46 0.00	45.09 1.82 0.00	48.80 2.41 0.00	50.24 1.37 -0.01	60.34 0.18 -0.01	72.27 0.79 -0.01	87.20 -1.06 0.03	69.84 0.49 -0.01	57.66 1.13 0.00	49.10 1.52 0.00	41.47 0.77 0.00	37.90 0.34 0.00	32.65 -0.10 0.00
BETHLHEM_115KV_TB1 79974	29.02 0.26 0.00	27.29 0.22 0.00	27.12 0.16 0.00	26.22 0.08 0.00	26.76 0.08 0.00	27.63 0.27 0.00	31.50 0.22 0.00	32.26 0.16 0.00	34.09 0.27 0.00	35.45 0.18 0.00	37.86 0.08 0.00	40.43 0.08 0.08	43.44 0.17 0.00	46.85 0.46 0.00	49.52 0.78 0.13	60.25 1.08 0.98	71.02 1.22 1.68	88.27 1.68 1.70	69.89 1.25 0.70	57.37 0.85 0.00	48.24 0.67 0.00	41.02 0.33 0.00	37.94 0.38 0.00	33.18 0.43 0.00
BETHPAGE_CC_5 323564	31.26 2.50 0.00	29.24 2.17 0.00	28.90 1.94 0.00	27.76 1.62 0.00	28.31 1.63 0.00	29.41 2.05 0.00	33.38 2.10 0.00	34.63 2.54 0.00	37.51 2.87 -0.81	38.61 2.93 -0.41	40.20 2.42 0.00	43.79 3.27 -0.09	46.70 3.42 -0.02	58.67 4.50 -7.79	71.71 4.99 -17.86	75.31 6.91 -8.24	111.84 8.43 -31.93	101.22 10.50 -2.42	102.74 7.83 -25.56	69.37 5.99 -6.86	54.51 4.67 -2.26	45.28 3.66 -0.92	40.57 3.01 0.00	36.50 3.18 -0.57
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.37 0.60 0.00	27.21 0.14 0.00	27.02 0.05 0.00	25.93 -0.21 0.00	26.68 0.00 0.00	27.69 0.33 0.00	31.69 0.41 0.00	33.06 0.96 0.00	34.63 0.81 0.00	36.26 0.99 0.00	39.60 1.81 0.00	42.08 1.66 0.00	45.35 2.08 0.00	49.12 2.74 0.00	50.59 1.71 -0.01	60.70 0.54 -0.01	72.77 1.29 -0.01	87.55 -0.71 0.03	70.26 0.90 -0.01	58.00 1.47 0.00	49.39 1.81 0.00	41.67 0.98 0.00	38.09 0.53 0.00	32.78 0.03 0.00

BINGHAMTON___COGEN 23790	29.48 0.72 0.00	27.56 0.49 0.00	27.39 0.43 0.00	26.40 0.26 0.00	27.02 0.35 0.00	27.93 0.57 0.00	32.03 0.75 0.00	33.19 1.09 0.00	34.83 1.01 0.00	36.40 1.13 0.00	39.14 1.36 0.00	41.84 1.41 0.00	44.87 1.60 0.00	48.38 1.99 0.00	50.77 1.91 0.00	62.14 1.99 0.00	73.98 2.50 0.00	90.84 2.56 0.01	71.71 2.36 0.00	58.51 1.98 0.00	49.34 1.76 0.00	41.79 1.10 0.00	38.46 0.90 0.00	33.37 0.62 0.00
BIXINCNT_115KV_LOAD 355685	29.51 0.75 0.00	27.29 0.22 0.00	27.18 0.22 0.00	26.04 -0.10 0.00	26.81 0.13 0.00	27.88 0.52 0.00	32.06 0.78 0.00	33.51 1.41 0.00	35.07 1.25 0.00	36.65 1.38 0.00	40.05 2.27 0.00	42.53 2.10 0.00	45.74 2.47 0.00	49.58 3.20 0.00	51.22 2.35 -0.01	61.54 1.38 -0.01	73.84 2.36 -0.01	88.44 0.18 0.03	71.43 2.08 -0.01	58.84 2.32 0.00	50.01 2.43 0.00	42.16 1.46 0.00	38.65 1.09 0.00	33.24 0.49 0.00
BLACK RIVER___HYD 24047	28.59 -0.17 0.00	26.77 -0.30 0.00	26.67 -0.30 0.00	25.88 -0.26 0.00	26.46 -0.21 0.00	27.22 -0.14 0.00	31.44 0.16 0.00	32.23 0.13 0.00	33.68 -0.13 0.00	35.20 -0.07 0.00	37.60 -0.19 0.00	40.19 -0.24 0.00	42.10 -1.17 0.00	44.99 -1.39 0.00	46.69 -1.81 0.38	55.24 -2.41 2.50	64.21 -2.72 4.55	62.63 -2.91 22.75	63.33 -1.87 4.15	53.59 -1.08 1.86	47.77 0.19 0.00	40.61 -0.08 0.00	37.45 -0.11 0.00	32.42 -0.33 0.00
BLACKRVR_115KV_TB2 79977	28.59 -0.17 0.00	26.75 -0.32 0.00	26.64 -0.32 0.00	25.88 -0.26 0.00	26.46 -0.21 0.00	27.22 -0.14 0.00	31.44 0.16 0.00	32.22 0.13 0.00	33.68 -0.14 0.00	35.20 -0.07 0.00	37.56 -0.23 0.00	40.18 -0.24 0.00	42.10 -1.17 0.00	45.08 -1.30 0.00	46.68 -1.81 0.38	55.24 -2.41 2.50	64.21 -2.72 4.55	62.63 -2.91 22.75	63.33 -1.87 4.15	53.60 -1.07 1.86	47.77 0.19 0.00	40.61 -0.08 0.00	37.41 -0.15 0.00	32.42 -0.33 0.00
BLISS_WT_PWR 323608	29.43 0.66 0.00	27.53 0.46 0.00	27.39 0.43 0.00	26.01 -0.13 0.00	26.73 0.05 0.00	27.85 0.49 0.00	32.09 0.81 0.00	33.51 1.41 0.00	35.07 1.25 0.00	36.76 1.48 0.00	40.09 2.31 0.00	42.65 2.22 0.00	46.13 2.86 0.00	49.49 3.11 0.00	51.17 2.30 -0.01	61.48 1.32 -0.01	73.84 2.36 -0.01	88.44 0.18 0.03	71.43 2.08 -0.01	58.96 2.43 0.00	49.86 2.28 0.00	42.20 1.51 0.00	38.61 1.05 0.00	33.24 0.49 0.00
BLUESTONE___WT_PWR 323821	30.95 2.18 0.00	28.99 1.92 0.00	28.77 1.81 0.00	27.71 1.57 0.00	28.33 1.65 0.00	29.41 2.05 0.00	33.91 2.63 0.00	36.69 4.59 0.00	38.18 4.36 0.00	40.25 4.97 0.00	43.00 5.22 0.00	45.88 5.46 0.00	49.28 6.01 0.00	52.97 6.58 0.00	55.18 6.31 0.00	67.55 7.40 0.00	80.48 9.01 0.00	96.84 8.56 0.01	76.63 7.28 0.00	61.62 5.09 0.00	51.81 4.23 0.00	43.75 3.05 0.00	40.19 2.63 0.00	34.81 2.06 0.00
BLUE_CIRC_CHEM_DRP 24182	29.45 0.69 0.00	27.72 0.65 0.00	27.58 0.62 0.00	26.69 0.55 0.00	27.24 0.56 0.00	28.10 0.74 0.00	32.03 0.75 0.00	32.74 0.64 0.00	34.49 0.68 0.00	35.84 0.56 0.00	38.24 0.45 0.00	40.83 0.44 0.05	43.83 0.56 0.00	47.22 0.83 0.00	49.86 1.08 0.08	61.00 1.44 0.60	72.18 1.72 1.02	89.56 2.30 1.03	70.86 1.94 0.43	58.05 1.53 0.00	48.86 1.28 0.00	41.63 0.94 0.00	38.46 0.90 0.00	33.63 0.88 0.00
BOC_GAS_DRP 24189	29.34 0.58 0.00	27.58 0.51 0.00	27.45 0.49 0.00	26.53 0.39 0.00	27.08 0.40 0.00	27.96 0.60 0.00	31.84 0.56 0.00	32.61 0.51 0.00	34.46 0.64 0.00	35.84 0.56 0.00	38.31 0.53 0.04	40.95 0.57 0.00	43.92 0.65 0.00	47.36 0.97 0.00	50.06 1.27 0.07	61.29 1.68 0.55	72.47 1.93 0.94	89.81 2.47 0.95	70.83 1.87 0.39	57.94 1.41 0.00	48.72 1.14 0.00	41.47 0.77 0.00	38.35 0.79 0.00	33.54 0.79 0.00
BOONVILLE_115KV_TB1 79983	29.25 0.49 0.00	27.40 0.32 0.00	27.26 0.30 0.00	26.46 0.31 0.00	27.02 0.35 0.00	27.82 0.47 0.00	32.06 0.78 0.00	32.96 0.87 0.00	34.60 0.78 0.00	36.16 0.88 0.00	38.65 0.87 0.00	41.28 0.85 0.00	43.92 0.65 0.00	47.17 0.79 0.00	49.30 0.64 0.20	59.91 0.78 1.03	70.41 0.93 1.99	97.97 1.41 -8.26	68.75 1.25 1.85	56.99 1.13 0.67	48.86 1.28 0.00	41.51 0.81 0.00	38.27 0.71 0.00	33.24 0.49 0.00
BORALEX_4TH_BRANCH 23824	30.14 1.38 0.00	28.37 1.30 0.00	28.09 1.13 0.00	27.13 0.99 0.00	27.75 1.07 0.00	28.73 1.37 0.00	32.75 1.47 0.00	33.51 1.41 0.00	35.44 1.62 0.00	36.69 1.41 0.00	38.99 1.21 0.00	41.49 1.25 0.19	44.65 1.38 0.00	48.19 1.81 0.00	50.74 2.20 0.33	60.73 3.01 2.43	70.91 3.57 4.14	88.60 4.50 4.19	71.14 3.54 1.74	59.24 2.71 0.00	49.86 2.28 0.00	42.48 1.79 0.00	39.25 1.69 0.00	34.45 1.70 0.00
BOWLINE___1 23526	30.43 1.67 0.00	28.53 1.46 0.00	28.18 1.21 0.00	27.16 1.02 0.00	27.69 1.01 0.00	28.67 1.31 0.00	32.69 1.41 0.00	33.64 1.54 0.00	35.54 1.72 0.00	37.07 1.80 0.00	39.64 1.85 0.00	42.73 2.22 -0.08	45.75 2.47 -0.01	49.68 3.29 0.00	52.72 3.71 -0.14	66.25 5.05 -1.05	79.41 6.15 -1.78	97.77 7.68 -1.80	75.85 5.75 -0.75	60.82 4.29 0.00	50.77 3.19 0.00	43.09 2.40 0.00	39.81 2.25 0.00	34.91 2.16 0.00
BOWLINE___2 23595	30.46 1.70 0.00	28.53 1.46 0.00	28.18 1.21 0.00	27.16 1.02 0.00	27.69 1.01 0.00	28.67 1.31 0.00	32.69 1.41 0.00	33.67 1.57 0.00	35.58 1.76 0.00	37.11 1.83 0.00	39.67 1.89 0.00	42.77 2.26 -0.08	45.79 2.51 -0.01	49.73 3.34 0.00	52.77 3.76 -0.14	66.31 5.11 -1.05	79.48 6.22 -1.78	97.87 7.77 -1.80	75.92 5.83 -0.75	60.88 4.35 0.00	50.82 3.24 0.00	43.13 2.44 0.00	39.81 2.25 0.00	34.91 2.16 0.00
BRADY___115KV_TB2 356060	28.25 -0.52 0.00	26.83 -0.24 0.00	26.83 -0.13 0.00	26.19 0.05 0.00	26.70 0.03 0.00	27.00 -0.36 0.00	30.97 -0.31 0.00	31.55 -0.55 0.00	33.14 -0.68 0.00	34.60 -0.67 0.00	36.95 -0.83 0.00	39.58 -0.85 0.00	42.19 -1.08 0.00	44.53 -1.86 0.00	44.38 -2.64 1.85	44.73 -3.37 12.05	45.39 -4.07 22.02	45.16 -4.68 38.45	45.59 -3.68 20.08	44.90 -2.77 8.86	45.29 -2.28 0.01	39.80 -0.90 0.00	36.58 -0.98 0.00	31.83 -0.92 0.00
BRANSCOMB___SOLAR 323811	30.61 1.84 0.00	28.83 1.76 0.00	28.55 1.59 0.00	27.60 1.46 0.00	28.20 1.52 0.00	29.16 1.81 0.00	33.31 2.03 0.00	34.09 1.99 0.00	35.98 2.17 0.00	37.39 2.12 0.00	39.86 2.08 0.00	42.59 2.26 0.10	45.89 2.64 0.02	49.40 3.01 0.00	51.91 3.22 0.18	62.91 4.09 1.33	74.00 4.79 2.27	92.17 6.18 2.30	73.66 5.27 0.95	60.82 4.29 0.00	51.19 3.61 0.00	43.58 2.89 0.00	40.04 2.48 0.00	34.94 2.19 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.47 2.70 0.00	29.32 2.25 0.00	28.96 2.00 0.00	28.02 1.88 0.00	28.55 1.87 0.00	29.63 2.27 0.00	33.69 2.41 0.00	34.92 2.82 0.00	37.81 3.18 -0.81	39.04 3.35 -0.41	41.03 3.25 0.00	43.79 3.27 -0.09	46.89 3.59 -0.03	54.31 4.50 -3.42	61.68 4.89 -7.93	75.40 7.04 -8.21	97.62 8.65 -17.49	101.31 10.86 -2.15	89.21 8.18 -11.68	69.61 6.22 -6.86	54.79 4.95 -2.27	45.46 3.87 -0.90	40.68 3.12 0.00	36.79 3.47 -0.57

BRISTLHL_115KV_TB1 79998	28.50 -0.26 0.00	26.72 -0.35 0.00	26.56 -0.40 0.00	25.64 -0.50 0.00	26.20 -0.48 0.00	27.03 -0.33 0.00	31.00 -0.28 0.00	31.90 -0.19 0.00	33.51 -0.30 0.00	34.96 -0.32 0.00	37.52 -0.26 0.00	40.14 -0.28 0.00	42.92 -0.35 0.00	46.15 -0.23 0.00	48.48 -0.34 0.04	59.46 -0.60 0.09	70.73 -0.50 0.25	86.10 -0.79 1.40	68.55 -0.55 0.25	56.24 -0.28 0.00	47.44 -0.14 0.00	40.33 -0.37 0.00	37.22 -0.34 0.00	32.32 -0.43 0.00
BROOKHAVEN___DRP 24191	31.04 2.27 0.00	28.88 1.81 0.00	28.58 1.62 0.00	27.66 1.52 0.00	28.12 1.44 0.00	29.19 1.83 0.00	33.16 1.88 0.00	34.34 2.25 0.00	37.27 2.64 -0.81	38.51 2.82 -0.41	40.54 2.76 0.00	43.30 2.79 -0.09	46.26 2.99 0.00	53.39 4.08 -2.93	60.46 4.79 -6.80	75.40 7.04 -8.20	96.06 8.72 -15.86	119.30 10.95 -20.06	87.85 8.39 -10.11	69.84 6.44 -6.87	54.85 5.00 -2.27	45.30 3.74 -0.86	40.30 2.74 0.00	36.50 3.18 -0.57
BROOKLYN_NAVY_YARD 23515	30.89 2.13 0.00	28.88 1.81 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.94 1.59 0.00	33.09 1.81 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.89 2.61 0.00	40.54 2.76 0.00	43.71 3.19 -0.09	46.66 3.38 -0.01	50.74 4.36 0.00	53.86 4.84 -0.15	67.78 6.50 -1.13	81.26 7.86 -1.92	100.04 9.80 -1.95	77.44 7.28 -0.81	61.90 5.37 0.00	51.67 4.09 0.00	43.91 3.21 0.00	40.68 3.12 0.00	35.57 2.82 0.00
BROOKLYN___ARMY_DRP 323595	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.85 5.65 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
BROOKVLE_69_KV_TB1 55790	31.44 2.67 0.00	29.29 2.22 0.00	28.93 1.97 0.00	27.97 1.83 0.00	28.49 1.81 0.00	29.57 2.22 0.00	33.69 2.41 0.00	34.86 2.76 0.00	37.74 3.11 -0.81	39.00 3.32 -0.41	41.26 3.48 0.00	44.32 3.80 -0.09	47.25 3.98 0.00	77.44 5.10 -25.96	113.86 5.86 -59.12	76.47 7.94 -8.38	173.02 9.58 -91.96	103.57 11.74 -3.53	161.47 8.88 -83.25	70.23 6.84 -6.86	55.08 5.23 -2.26	45.93 4.11 -1.13	41.13 3.57 0.00	36.83 3.50 -0.57
BROOME_2_LFGE 323671	29.48 0.72 0.00	27.67 0.59 0.00	27.50 0.54 0.00	26.43 0.29 0.00	27.02 0.35 0.00	27.93 0.58 0.00	32.06 0.78 0.00	33.19 1.09 0.00	34.83 1.01 0.00	36.44 1.16 0.00	39.14 1.36 0.00	41.92 1.50 0.00	45.04 1.77 0.00	48.47 2.09 0.00	50.77 1.90 0.00	62.14 1.98 0.00	73.98 2.50 0.00	90.75 2.47 0.01	71.71 2.36 0.00	58.56 2.03 0.00	49.29 1.71 0.00	41.87 1.18 0.00	38.46 0.90 0.00	33.37 0.62 0.00
BROOME___LFGE 323600	29.48 0.72 0.00	27.67 0.59 0.00	27.50 0.54 0.00	26.43 0.29 0.00	27.02 0.35 0.00	27.93 0.58 0.00	32.06 0.78 0.00	33.19 1.09 0.00	34.83 1.01 0.00	36.44 1.16 0.00	39.14 1.36 0.00	41.92 1.50 0.00	45.04 1.77 0.00	48.47 2.09 0.00	50.77 1.90 0.00	62.14 1.98 0.00	73.98 2.50 0.00	90.75 2.47 0.01	71.71 2.36 0.00	58.56 2.03 0.00	49.29 1.71 0.00	41.87 1.18 0.00	38.46 0.90 0.00	33.37 0.62 0.00
BROWNFLS_115KV_TB_3_5 80003	27.87 -0.89 0.00	26.26 -0.81 0.00	26.21 -0.75 0.00	25.54 -0.60 0.00	26.09 -0.59 0.00	26.57 -0.79 0.00	30.62 -0.66 0.00	31.33 -0.77 0.00	32.87 -0.95 0.00	34.36 -0.92 0.00	36.69 -1.10 0.00	39.30 -1.13 0.00	41.45 -1.82 0.00	44.02 -2.37 0.00	44.87 -3.03 0.97	49.58 -3.79 6.79	54.77 -4.50 12.20	48.30 -5.21 34.78	54.30 -3.95 11.09	48.34 -3.05 5.13	45.62 -1.95 0.00	39.47 -1.22 0.00	36.32 -1.24 0.00	31.54 -1.21 0.00
BROWNSV1_27_KV_LOAD 356125	31.18 2.42 0.00	29.05 1.98 0.00	28.66 1.70 0.00	27.66 1.52 0.00	28.17 1.49 0.00	29.19 1.83 0.00	33.41 2.13 0.00	34.54 2.44 0.00	36.66 2.84 0.00	38.31 3.03 0.00	41.07 3.29 0.00	44.07 3.56 -0.09	46.99 3.72 0.00	51.07 4.68 0.00	54.49 5.47 -0.15	68.50 7.22 -1.13	82.19 8.79 -1.92	101.10 10.86 -1.95	78.27 8.11 -0.81	62.69 6.16 0.00	52.24 4.66 0.00	44.27 3.58 0.00	41.09 3.53 0.00	35.93 3.18 0.00
BURROWS___LYONSDAL 23803	29.02 0.26 0.00	27.15 0.08 0.00	27.04 0.08 0.00	26.27 0.13 0.00	26.84 0.16 0.00	27.63 0.27 0.00	31.90 0.63 0.00	32.77 0.67 0.00	34.36 0.54 0.00	35.91 0.63 0.00	38.35 0.57 0.00	40.99 0.57 0.00	43.53 0.26 0.00	46.71 0.32 0.00	48.70 0.10 0.27	58.68 0.06 1.54	68.73 0.14 2.89	99.39 0.53 -10.56	67.25 0.55 2.66	56.02 0.57 1.07	48.48 0.90 0.00	41.26 0.57 0.00	38.05 0.49 0.00	33.01 0.26 0.00
CAITHNESS_CC_1 323624	31.03 2.27 0.00	28.99 1.92 0.00	28.71 1.75 0.00	27.55 1.41 0.00	28.04 1.36 0.00	29.19 1.83 0.00	33.06 1.78 0.00	34.34 2.25 0.00	37.27 2.64 -0.81	38.36 2.68 -0.41	39.64 1.85 0.00	43.34 2.83 -0.09	46.36 3.07 -0.02	53.52 4.22 -2.91	60.33 4.69 -6.77	75.21 6.86 -8.20	95.80 8.50 -15.82	118.20 10.59 -19.31	87.53 8.11 -10.07	69.56 6.16 -6.87	54.71 4.86 -2.27	45.30 3.74 -0.86	40.23 2.67 0.00	36.44 3.11 -0.57
CALPINE BETH_PAGE_GT4 24209	31.32 2.56 0.00	29.15 2.08 0.00	28.82 1.86 0.00	27.87 1.73 0.00	28.39 1.71 0.00	29.47 2.11 0.00	33.47 2.19 0.00	34.66 2.57 0.00	37.54 2.91 -0.81	38.75 3.07 -0.41	40.84 3.06 0.00	43.79 3.27 -0.09	46.56 3.29 0.00	60.63 4.31 -9.94	76.63 5.03 -22.72	75.39 6.98 -8.26	119.00 8.51 -39.01	101.44 10.60 -2.55	109.61 7.91 -32.36	69.43 6.05 -6.86	54.51 4.66 -2.26	45.22 3.58 -0.94	40.68 3.12 0.00	36.57 3.24 -0.57
CALPINE_BETH_PAGE_GT_4 323586	31.32 2.56 0.00	29.26 2.19 0.00	28.93 1.97 0.00	27.82 1.67 0.00	28.33 1.65 0.00	29.47 2.11 0.00	33.41 2.13 0.00	34.67 2.57 0.00	37.54 2.91 -0.81	38.68 3.00 -0.41	40.32 2.53 0.00	43.87 3.35 -0.09	46.75 3.46 -0.01	60.82 4.50 -9.94	76.63 5.03 -22.72	75.39 6.97 -8.26	118.99 8.50 -39.01	101.35 10.50 -2.55	109.61 7.90 -32.36	69.37 5.99 -6.86	54.51 4.67 -2.26	45.34 3.70 -0.94	40.68 3.12 0.00	36.54 3.21 -0.57
CALPINE_BP_GT1 23823	31.32 2.56 0.00	29.26 2.19 0.00	28.93 1.97 0.00	27.82 1.67 0.00	28.33 1.65 0.00	29.47 2.11 0.00	33.41 2.13 0.00	34.67 2.57 0.00	37.54 2.91 -0.81	38.68 3.00 -0.41	40.32 2.53 0.00	43.87 3.35 -0.09	46.75 3.46 -0.01	60.82 4.50 -9.94	76.63 5.03 -22.72	75.39 6.97 -8.26	118.99 8.50 -39.01	101.35 10.50 -2.55	109.61 7.90 -32.36	69.37 5.99 -6.86	54.51 4.67 -2.26	45.34 3.70 -0.94	40.68 3.12 0.00	36.54 3.21 -0.57
CALSPAN___DRP 24200	29.25 0.49 0.00	27.10 0.03 0.00	26.93 -0.03 0.00	25.83 -0.31 0.00	26.60 -0.08 0.00	27.58 0.22 0.00	31.56 0.28 0.00	32.90 0.80 0.00	34.49 0.68 0.00	36.09 0.81 0.00	39.41 1.62 0.00	41.88 1.46 0.00	45.09 1.82 0.00	48.80 2.41 0.00	50.24 1.37 -0.01	60.34 0.18 -0.01	72.27 0.79 -0.01	87.20 -1.06 0.03	69.84 0.49 -0.01	57.66 1.13 0.00	49.10 1.52 0.00	41.47 0.77 0.00	37.90 0.34 0.00	32.65 -0.10 0.00

CALVERTON___SOLAR 323806	31.07 2.30 0.00	29.02 1.95 0.00	28.74 1.78 0.00	27.60 1.46 0.00	28.09 1.41 0.00	29.22 1.86 0.00	33.06 1.78 0.00	34.38 2.28 0.00	37.34 2.71 -0.81	38.44 2.75 -0.41	39.79 2.00 0.00	43.55 3.03 -0.09	46.53 3.25 -0.02	53.77 4.45 -2.93	60.66 4.99 -6.81	75.63 7.28 -8.20	96.35 9.01 -15.87	120.03 11.39 -20.34	88.28 8.81 -10.12	70.18 6.78 -6.87	55.18 5.33 -2.27	45.67 4.11 -0.87	40.45 2.89 0.00	36.60 3.27 -0.57
CANDIGU_WT_PWR 323617	29.22 0.46 0.00	27.34 0.27 0.00	27.10 0.14 0.00	25.91 -0.24 0.00	26.57 -0.11 0.00	27.58 0.22 0.00	31.75 0.47 0.00	32.96 0.87 0.00	34.53 0.71 0.00	36.23 0.95 0.00	39.22 1.44 0.00	41.84 1.41 0.00	45.13 1.86 0.00	48.47 2.09 0.00	50.39 1.52 0.00	61.18 1.02 0.00	73.13 1.65 0.00	89.06 0.79 0.02	70.95 1.60 0.00	58.39 1.86 0.00	49.34 1.76 0.00	41.83 1.14 0.00	38.24 0.68 0.00	33.08 0.33 0.00
CARR STREET_E_SYR 24060	28.85 0.09 0.00	27.10 0.03 0.00	26.93 -0.03 0.00	25.96 -0.18 0.00	26.52 -0.16 0.00	27.36 0.00 0.00	31.37 0.09 0.00	32.38 0.29 0.00	34.06 0.24 0.00	35.56 0.28 0.00	38.12 0.34 0.00	40.79 0.36 0.00	43.75 0.48 0.00	46.94 0.56 0.00	49.22 0.39 0.04	60.32 0.24 0.07	71.57 0.29 0.20	88.27 0.18 0.20	69.36 0.21 0.20	56.81 0.28 0.00	47.91 0.34 0.00	40.73 0.04 0.00	37.64 0.08 0.00	32.68 -0.07 0.00
CARTHAGE___PAPER 23857	28.30 -0.46 0.00	26.53 -0.54 0.00	26.42 -0.54 0.00	25.72 -0.42 0.00	26.28 -0.40 0.00	27.00 -0.36 0.00	31.22 -0.06 0.00	31.97 -0.13 0.00	33.45 -0.37 0.00	34.92 -0.35 0.00	37.26 -0.53 0.00	39.82 -0.61 0.00	41.11 -2.16 0.00	43.88 -2.51 0.00	45.50 -2.93 0.44	53.55 -3.67 2.93	61.86 -4.29 5.33	56.76 -4.77 26.76	61.03 -3.47 4.85	51.92 -2.43 2.18	47.25 -0.33 0.00	40.29 -0.41 0.00	37.15 -0.41 0.00	32.19 -0.56 0.00
CASSADAGA_WT_PWR 323784	29.51 0.75 0.00	27.69 0.62 0.00	27.47 0.51 0.00	26.09 -0.05 0.00	26.97 0.29 0.00	28.01 0.66 0.00	32.28 1.00 0.00	33.86 1.76 0.00	35.61 1.79 0.00	37.43 2.15 0.00	40.88 3.10 0.00	43.54 3.11 0.00	47.21 3.94 0.00	50.70 4.31 0.00	52.24 3.37 -0.01	62.75 2.58 -0.01	75.13 3.64 -0.01	90.38 2.12 0.03	72.61 3.26 -0.01	59.98 3.45 0.00	50.72 3.14 0.00	43.01 2.32 0.00	39.25 1.69 0.00	33.77 1.02 0.00
CE_DUNWOOD___DRP 24194	30.66 1.90 0.00	28.61 1.54 0.00	28.28 1.32 0.00	27.32 1.18 0.00	27.83 1.15 0.00	28.84 1.48 0.00	32.94 1.66 0.00	33.99 1.89 0.00	35.98 2.16 0.00	37.57 2.29 0.00	40.20 2.42 0.00	43.14 2.63 -0.09	46.08 2.81 0.00	50.00 3.62 0.00	53.32 4.30 -0.15	67.06 5.77 -1.13	80.40 7.00 -1.92	98.97 8.74 -1.94	76.81 6.66 -0.81	61.50 4.97 0.00	51.29 3.71 0.00	43.46 2.77 0.00	40.23 2.67 0.00	35.24 2.49 0.00
CE_MILLWOOD___DRP 24193	30.58 1.81 0.00	28.56 1.49 0.00	28.23 1.27 0.00	27.27 1.12 0.00	27.80 1.12 0.00	28.81 1.45 0.00	32.87 1.60 0.00	33.89 1.80 0.00	35.88 2.06 0.00	37.43 2.15 0.00	40.09 2.30 0.00	42.98 2.47 -0.09	45.95 2.68 0.00	49.86 3.48 0.00	53.17 4.15 -0.15	66.87 5.59 -1.12	80.17 6.79 -1.90	98.69 8.48 -1.93	76.60 6.45 -0.80	61.39 4.86 0.00	51.19 3.62 0.00	43.34 2.64 0.00	40.11 2.55 0.00	35.14 2.39 0.00
CE_NYC2_DRP 24202	31.04 2.27 -0.01	28.88 1.81 0.00	28.53 1.56 0.00	27.53 1.39 0.00	28.04 1.36 0.00	29.03 1.67 0.00	33.19 1.91 0.00	34.31 2.21 0.00	36.42 2.60 0.00	40.71 2.79 -2.65	40.81 3.02 0.00	43.75 3.23 -0.09	46.47 3.20 0.00	50.37 3.99 0.00	53.57 4.54 -0.15	67.42 6.14 -1.13	80.83 7.43 -1.92	99.41 9.18 -1.94	74.33 6.80 1.81	57.62 5.20 4.11	51.43 3.85 0.00	43.95 3.26 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
CE_NYC_DRP 24195	30.89 2.13 0.00	28.80 1.73 0.00	28.42 1.46 0.00	27.45 1.31 0.00	27.96 1.28 0.00	28.97 1.61 0.00	33.12 1.85 0.00	34.21 2.12 0.00	36.32 2.50 0.00	37.96 2.68 0.00	40.69 2.91 0.00	43.63 3.11 -0.09	46.52 3.25 0.00	50.51 4.13 0.00	53.91 4.89 -0.15	67.78 6.50 -1.13	81.26 7.86 -1.92	99.95 9.71 -1.95	77.37 7.21 -0.81	61.95 5.43 0.00	51.62 4.04 0.00	43.78 3.09 0.00	40.68 3.12 0.00	35.60 2.85 0.00
CHAFFEE___LFGE 323603	29.43 0.66 0.00	27.56 0.49 0.00	27.34 0.38 0.00	25.99 -0.16 0.00	26.73 0.05 0.00	27.71 0.35 0.00	31.81 0.53 0.00	33.12 1.03 0.00	34.70 0.88 0.00	36.40 1.13 0.00	39.75 1.96 0.00	42.29 1.86 0.00	45.82 2.55 0.00	49.12 2.74 0.00	50.68 1.81 -0.01	60.82 0.66 -0.01	72.84 1.35 -0.01	87.82 -0.44 0.03	70.40 1.04 -0.01	58.22 1.69 0.00	49.29 1.71 0.00	41.79 1.10 0.00	38.09 0.53 0.00	32.82 0.07 0.00
CHATEAUG_35_KV_LOAD 355732	27.64 -1.12 0.00	26.34 -0.73 0.00	26.42 -0.54 0.00	25.83 -0.31 0.00	26.36 -0.32 0.00	26.67 -0.68 0.00	30.65 -0.63 0.00	31.42 -0.67 0.00	33.11 -0.71 0.00	34.64 -0.63 0.00	37.33 -0.45 0.00	40.10 -0.32 0.00	42.84 -0.43 0.00	44.20 -2.18 0.00	45.65 -2.88 0.33	46.91 -3.55 9.70	52.75 -4.22 14.51	52.83 -5.03 30.43	52.91 -3.95 12.49	43.79 -3.28 9.46	45.24 -2.33 0.01	40.20 -0.49 0.00	36.77 -0.79 0.00	31.96 -0.79 0.00
CHATEAUG_WT_PWR 323614	27.67 -1.09 0.00	26.18 -0.89 0.00	26.31 -0.65 0.00	25.83 -0.31 0.00	26.39 -0.29 0.00	26.70 -0.66 0.00	30.65 -0.63 0.00	31.45 -0.64 0.00	33.14 -0.68 0.00	34.68 -0.60 0.00	37.37 -0.41 0.00	39.22 -1.21 0.00	41.11 -2.16 0.00	43.51 -2.88 0.00	45.77 -2.88 0.21	46.96 -3.55 9.64	53.09 -4.29 14.10	53.51 -5.03 29.76	53.28 -4.02 12.04	43.54 -3.34 9.65	44.72 -2.85 0.01	39.19 -1.50 0.00	36.73 -0.83 0.00	31.96 -0.79 0.00
CHAT_HIGH_FALL_HYD 323578	27.64 -1.12 0.00	26.34 -0.73 0.00	26.42 -0.54 0.00	25.83 -0.31 0.00	26.36 -0.32 0.00	26.67 -0.68 0.00	30.65 -0.63 0.00	31.42 -0.67 0.00	33.11 -0.71 0.00	34.64 -0.63 0.00	37.33 -0.45 0.00	40.10 -0.32 0.00	42.84 -0.43 0.00	44.20 -2.18 0.00	45.65 -2.88 0.33	46.91 -3.55 9.70	52.75 -4.22 14.51	52.83 -5.03 30.43	52.91 -3.95 12.49	43.79 -3.28 9.46	45.24 -2.33 0.01	40.20 -0.49 0.00	36.77 -0.79 0.00	31.96 -0.79 0.00
CHAUTAUQUA___LFGE 323629	29.51 0.75 0.00	27.67 0.59 0.00	27.42 0.46 0.00	26.06 -0.08 0.00	26.87 0.19 0.00	27.88 0.52 0.00	32.06 0.78 0.00	33.51 1.41 0.00	35.14 1.32 0.00	36.93 1.66 0.00	40.28 2.49 0.00	42.93 2.51 0.00	46.52 3.25 0.00	49.91 3.52 0.00	51.51 2.64 -0.01	61.91 1.75 -0.01	74.13 2.65 -0.01	89.50 1.24 0.03	71.71 2.36 -0.01	59.24 2.71 0.00	50.10 2.52 0.00	42.44 1.75 0.00	38.69 1.13 0.00	33.31 0.56 0.00
CHERRYST_13_KV_LD 356241	31.01 2.24 0.00	28.88 1.81 0.00	28.53 1.56 0.00	27.53 1.39 0.00	28.07 1.39 0.00	29.08 1.72 0.00	33.25 1.97 0.00	34.38 2.28 0.00	36.49 2.67 0.00	38.13 2.86 0.00	40.92 3.14 0.00	43.87 3.36 -0.09	46.77 3.50 0.00	50.84 4.45 0.00	54.25 5.23 -0.15	68.20 6.92 -1.13	81.76 8.36 -1.92	100.57 10.33 -1.95	77.78 7.63 -0.81	62.24 5.71 0.00	51.86 4.28 0.00	43.95 3.26 0.00	40.83 3.27 0.00	35.73 2.98 0.00

CHESTROR_138KV_BK263 355645	30.26 1.50 0.00	28.29 1.22 0.00	27.99 1.02 0.00	27.06 0.91 0.00	27.59 0.91 0.00	28.54 1.18 0.00	32.56 1.28 0.00	33.48 1.38 0.00	35.37 1.56 0.00	36.90 1.62 0.00	39.52 1.74 0.00	42.36 1.86 -0.07	45.35 2.08 0.00	49.12 2.74 0.00	52.32 3.32 -0.13	65.60 4.51 -0.93	78.57 5.50 -1.59	96.70 6.80 -1.61	75.22 5.20 -0.67	60.43 3.90 0.00	50.53 2.95 0.00	42.77 2.08 0.00	39.59 2.03 0.00	34.65 1.90 0.00
CH_MIDHUDSON___DRP 24192	30.46 1.70 0.00	28.48 1.41 0.00	28.20 1.24 0.00	27.24 1.10 0.00	27.77 1.09 0.00	28.75 1.40 0.00	32.78 1.50 0.00	33.70 1.60 0.00	35.68 1.86 0.00	37.18 1.90 0.00	39.79 2.00 0.00	42.63 2.14 -0.06	45.65 2.38 0.00	49.49 3.11 0.00	52.74 3.76 -0.11	66.06 5.11 -0.79	79.04 6.22 -1.35	97.42 7.77 -1.36	75.81 5.89 -0.57	60.94 4.41 0.00	50.96 3.38 0.00	43.09 2.40 0.00	39.89 2.33 0.00	34.91 2.16 0.00
CH_MISC_IPPS 23765	30.69 1.93 0.00	28.75 1.68 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.92 1.56 0.00	32.94 1.66 0.00	33.89 1.80 0.00	35.85 2.03 0.00	37.36 2.08 0.00	39.97 2.19 0.00	43.00 2.51 -0.07	46.22 2.94 -0.01	50.10 3.71 0.00	53.24 4.25 -0.12	66.74 5.72 -0.87	80.03 7.08 -1.48	98.53 8.74 -1.50	76.69 6.72 -0.62	61.56 5.03 0.00	51.43 3.85 0.00	43.54 2.85 0.00	40.15 2.59 0.00	35.14 2.39 0.00
CH_RES_BVR_FALLS 23983	27.73 -1.03 0.00	26.15 -0.92 0.00	26.13 -0.84 0.00	25.49 -0.65 0.00	26.01 -0.67 0.00	26.54 -0.82 0.00	30.44 -0.84 0.00	31.23 -0.87 0.00	32.97 -0.84 0.00	34.50 -0.78 0.00	36.99 -0.80 0.00	39.50 -0.93 0.00	42.14 -1.13 0.00	44.95 -1.44 0.00	47.30 -1.42 0.15	43.76 -1.68 14.71	48.39 -2.08 21.01	43.79 -2.47 42.03	49.60 -1.94 17.80	39.80 -1.64 15.08	46.14 -1.43 0.01	39.68 -1.02 0.00	36.66 -0.90 0.00	32.00 -0.75 0.00
CH_RES_NIAGARA 23895	28.13 -0.63 0.00	26.12 -0.95 0.00	25.96 -1.00 0.00	24.89 -1.25 0.00	25.64 -1.04 0.00	26.57 -0.79 0.00	30.31 -0.97 0.00	31.49 -0.61 0.00	32.97 -0.85 0.00	34.53 -0.74 0.00	37.71 -0.08 0.00	40.02 -0.40 0.00	43.10 -0.17 0.00	46.48 0.09 0.00	47.70 -1.17 -0.01	57.27 -2.89 -0.01	68.48 -3.00 0.00	83.49 -4.77 0.03	66.16 -3.19 0.00	54.83 -1.70 0.00	46.91 -0.67 0.00	39.72 -0.98 0.00	36.25 -1.31 0.00	31.24 -1.51 0.00
CH_RES_SYRACUSE 23985	28.97 0.20 0.00	27.21 0.14 0.00	27.02 0.05 0.00	26.04 -0.10 0.00	26.60 -0.08 0.00	27.44 0.08 0.00	31.50 0.22 0.00	32.48 0.39 0.00	34.09 0.27 0.00	35.59 0.32 0.00	38.20 0.42 0.00	40.95 0.52 0.00	43.61 0.34 0.00	46.75 0.37 0.00	49.03 0.20 0.03	60.09 0.00 0.06	71.66 0.36 0.18	88.30 0.18 0.17	69.45 0.28 0.18	56.93 0.40 0.00	47.96 0.38 0.00	40.86 0.16 0.00	37.86 0.30 0.00	32.85 0.10 0.00
CLINTON_WT_PWR 323605	27.67 -1.09 0.00	26.18 -0.89 0.00	26.31 -0.65 0.00	25.83 -0.31 0.00	26.39 -0.29 0.00	26.70 -0.66 0.00	30.65 -0.63 0.00	31.45 -0.64 0.00	33.14 -0.68 0.00	34.68 -0.60 0.00	37.37 -0.41 0.00	39.22 -1.21 0.00	41.11 -2.16 0.00	43.51 -2.88 0.00	45.77 -2.88 0.21	46.96 -3.55 9.64	53.09 -4.29 14.10	53.51 -5.03 29.76	53.28 -4.02 12.04	43.54 -3.34 9.65	44.72 -2.85 0.01	39.19 -1.50 0.00	36.73 -0.83 0.00	31.96 -0.79 0.00
CLINTON___LFGE 323618	28.16 -0.61 0.00	26.72 -0.35 0.00	26.85 -0.11 0.00	26.33 0.18 0.00	26.89 0.21 0.00	27.22 -0.14 0.00	31.34 0.06 0.00	32.19 0.10 0.00	33.89 0.07 0.00	35.52 0.25 0.00	38.24 0.46 0.00	39.42 -1.01 0.00	40.59 -2.68 0.00	42.95 -3.43 0.00	45.19 -3.42 0.26	46.16 -4.33 9.66	52.08 -5.15 14.25	52.20 -6.09 30.00	52.28 -4.86 12.21	42.94 -4.01 9.58	44.24 -3.33 0.01	39.23 -1.46 0.00	37.41 -0.15 0.00	32.49 -0.26 0.00
COBBLENY_34_KV_TB1 80064	29.42 0.66 0.00	27.23 0.16 0.00	27.04 0.08 0.00	25.96 -0.18 0.00	26.73 0.05 0.00	27.71 0.36 0.00	31.75 0.47 0.00	33.12 1.03 0.00	34.70 0.88 0.00	36.30 1.02 0.00	39.67 1.89 0.00	42.17 1.74 0.00	45.39 2.12 0.00	49.21 2.83 0.00	50.68 1.81 -0.01	60.82 0.66 -0.01	72.84 1.36 -0.01	87.82 -0.44 0.03	70.39 1.04 -0.01	58.05 1.53 0.00	49.43 1.86 0.00	41.75 1.06 0.00	38.12 0.56 0.00	32.82 0.07 0.00
COFFEEN___115KV_TB3 355620	28.85 0.09 0.00	26.96 -0.11 0.00	26.85 -0.11 0.00	26.09 -0.05 0.00	26.68 0.00 0.00	27.44 0.08 0.00	31.69 0.41 0.00	32.48 0.39 0.00	33.92 0.10 0.00	35.49 0.21 0.00	37.86 0.08 0.00	40.47 0.04 0.00	42.45 -0.82 0.00	45.41 -0.97 0.00	47.04 -1.47 0.36	55.74 -1.99 2.43	64.92 -2.14 4.41	64.13 -2.12 22.04	64.15 -1.18 4.02	54.27 -0.45 1.80	48.29 0.71 0.00	40.98 0.28 0.00	37.75 0.19 0.00	32.65 -0.10 0.00
COLDSPRG_115KV_BK1 355956	30.09 1.32 0.00	27.83 0.76 0.00	27.64 0.67 0.00	26.48 0.34 0.00	27.35 0.67 0.00	28.40 1.04 0.00	32.72 1.44 0.00	34.34 2.25 0.00	35.98 2.16 0.00	37.67 2.40 0.00	41.18 3.40 0.00	43.58 3.15 0.00	46.90 3.63 0.00	50.93 4.55 0.00	52.54 3.67 -0.01	63.05 2.89 -0.01	75.63 4.15 -0.01	90.56 2.30 0.03	73.17 3.81 -0.01	60.26 3.73 0.00	51.10 3.52 0.00	43.13 2.44 0.00	39.59 2.03 0.00	33.99 1.24 0.00
COLONIE_LFGE___ 323577	29.94 1.18 0.00	28.21 1.14 0.00	27.99 1.02 0.00	27.00 0.86 0.00	27.59 0.91 0.00	28.51 1.15 0.00	32.50 1.22 0.00	33.32 1.22 0.00	35.17 1.35 0.00	36.51 1.23 0.00	38.99 1.21 0.00	41.60 1.29 0.12	44.77 1.51 0.02	48.29 1.90 0.00	50.76 2.10 0.20	61.42 2.77 1.50	72.21 3.29 2.55	89.86 4.15 2.59	71.60 3.33 1.07	59.13 2.60 0.00	49.77 2.19 0.00	42.40 1.71 0.00	39.06 1.50 0.00	34.19 1.44 0.00
COOPERNY_115KV_TB1 80082	29.88 1.12 0.00	27.99 0.92 0.00	27.77 0.81 0.00	26.85 0.71 0.00	27.37 0.69 0.00	28.26 0.90 0.00	32.28 1.00 0.00	33.19 1.09 0.00	35.00 1.18 0.00	36.54 1.27 0.00	39.14 1.36 0.00	41.93 1.46 -0.04	44.87 1.60 0.00	48.47 2.09 0.00	51.44 2.49 -0.08	64.03 3.31 -0.57	76.45 4.00 -0.97	94.22 4.94 -0.98	73.57 3.81 -0.41	59.47 2.94 0.00	49.77 2.19 0.00	42.24 1.55 0.00	39.06 1.50 0.00	34.16 1.41 0.00
COPENHAGEN_WT_PWR 323753	28.59 -0.17 0.00	26.77 -0.30 0.00	26.67 -0.30 0.00	25.85 -0.29 0.00	26.44 -0.24 0.00	27.20 -0.16 0.00	31.37 0.09 0.00	32.19 0.10 0.00	33.65 -0.17 0.00	35.17 -0.11 0.00	37.56 -0.23 0.00	40.19 -0.24 0.00	42.23 -1.04 0.00	45.13 -1.25 0.00	46.86 -1.66 0.34	55.64 -2.22 2.29	64.81 -2.50 4.17	64.77 -2.74 20.78	63.82 -1.73 3.80	53.81 -1.02 1.70	47.77 0.19 0.00	40.61 -0.08 0.00	37.41 -0.15 0.00	32.42 -0.33 0.00
CORNELL_____ 23752	29.77 1.01 0.00	27.83 0.76 0.00	27.64 0.67 0.00	26.66 0.52 0.00	27.27 0.59 0.00	28.21 0.85 0.00	32.44 1.16 0.00	33.38 1.28 0.00	34.97 1.15 0.00	36.47 1.20 0.00	39.11 1.32 0.00	41.84 1.41 0.00	44.78 1.51 0.00	48.24 1.86 0.00	50.63 1.76 0.00	62.08 1.92 0.00	73.98 2.50 0.00	91.64 3.36 0.01	72.40 3.05 0.00	59.18 2.66 0.00	49.91 2.33 0.00	42.28 1.59 0.00	38.91 1.35 0.00	33.70 0.95 0.00

CORONA_69_KV_TB1 355595	31.32 2.56 0.00	29.18 2.11 0.00	28.85 1.89 0.00	27.87 1.73 0.00	28.39 1.71 0.00	29.47 2.11 0.00	33.56 2.28 0.00	34.73 2.63 0.00	37.61 2.98 -0.81	38.82 3.14 -0.41	41.03 3.25 0.00	43.95 3.44 -0.09	46.95 3.68 0.00	63.87 4.73 -12.75	83.42 5.42 -29.13	75.77 7.34 -8.28	128.67 8.86 -48.33	101.97 10.95 -2.72	118.98 8.32 -41.31	69.94 6.56 -6.86	54.89 5.04 -2.26	45.57 3.91 -0.97	40.98 3.42 0.00	36.66 3.34 -0.57
CORTLAND_115KV_TB3 80093	29.51 0.75 0.00	27.61 0.54 0.00	27.45 0.49 0.00	26.48 0.34 0.00	27.08 0.40 0.00	27.99 0.63 0.00	32.12 0.84 0.00	33.16 1.06 0.00	34.77 0.95 0.00	36.30 1.02 0.00	38.96 1.17 0.00	41.64 1.21 0.00	44.57 1.30 0.00	48.01 1.62 0.00	50.40 1.56 0.03	61.78 1.68 0.06	73.38 2.07 0.17	90.51 2.38 0.17	71.33 2.15 0.17	58.45 1.92 0.00	49.29 1.71 0.00	41.79 1.10 0.00	38.50 0.94 0.00	33.37 0.62 0.00
COXSACKIE___GT 23611	30.23 1.47 0.00	28.48 1.41 0.00	28.31 1.35 0.00	27.34 1.20 0.00	27.91 1.23 0.00	28.81 1.45 0.00	32.72 1.44 0.00	33.25 1.15 0.00	34.93 1.11 0.00	36.12 0.85 0.00	38.54 0.76 0.00	41.20 0.81 0.03	44.56 1.30 0.00	48.01 1.62 0.00	51.35 2.54 0.06	63.11 3.37 0.41	74.99 4.22 0.70	93.41 5.83 0.71	73.98 4.92 0.29	60.09 3.56 0.00	50.77 3.19 0.00	42.89 2.20 0.00	39.55 1.99 0.00	34.42 1.67 0.00
CPV_VALLEY___CC1 323721	30.03 1.26 0.00	28.18 1.11 0.00	27.88 0.92 0.00	26.87 0.73 0.00	27.40 0.72 0.00	28.34 0.98 0.00	32.34 1.06 0.00	33.28 1.19 0.00	35.14 1.32 0.00	36.65 1.37 0.00	39.14 1.36 0.00	42.15 1.66 -0.06	45.14 1.86 -0.01	48.89 2.50 0.00	51.81 2.83 -0.11	64.87 3.91 -0.80	77.56 4.72 -1.37	95.51 5.83 -1.39	74.37 4.44 -0.58	59.80 3.28 0.00	50.05 2.47 0.00	42.52 1.83 0.00	39.29 1.73 0.00	34.39 1.64 0.00
CPV_VALLEY___CC2 323722	30.03 1.26 0.00	28.18 1.11 0.00	27.88 0.92 0.00	26.87 0.73 0.00	27.40 0.72 0.00	28.34 0.98 0.00	32.34 1.06 0.00	33.28 1.19 0.00	35.14 1.32 0.00	36.65 1.37 0.00	39.14 1.36 0.00	42.15 1.66 -0.06	45.14 1.86 -0.01	48.89 2.50 0.00	51.81 2.83 -0.11	64.87 3.91 -0.80	77.56 4.72 -1.37	95.51 5.83 -1.39	74.37 4.44 -0.58	59.80 3.28 0.00	50.05 2.47 0.00	42.52 1.83 0.00	39.29 1.73 0.00	34.39 1.64 0.00
CRESCENT___HYD 24018	29.94 1.18 0.00	28.21 1.14 0.00	27.99 1.02 0.00	27.00 0.86 0.00	27.59 0.91 0.00	28.51 1.15 0.00	32.50 1.22 0.00	33.32 1.22 0.00	35.17 1.35 0.00	36.51 1.23 0.00	38.99 1.21 0.00	41.60 1.29 0.12	44.77 1.51 0.02	48.29 1.90 0.00	50.76 2.10 0.20	61.42 2.77 1.50	72.21 3.29 2.55	89.86 4.15 2.59	71.60 3.33 1.07	59.13 2.60 0.00	49.77 2.19 0.00	42.40 1.71 0.00	39.06 1.50 0.00	34.19 1.44 0.00
CRICKET___VALLEY_CC1 323756	30.06 1.30 0.00	28.26 1.19 0.00	27.93 0.97 0.00	26.92 0.78 0.00	27.45 0.77 0.00	28.45 1.10 0.00	32.44 1.16 0.00	33.35 1.25 0.00	35.27 1.45 0.00	36.69 1.41 0.00	39.14 1.36 0.00	40.76 1.54 1.20	44.78 1.69 0.18	48.75 2.36 0.00	49.51 2.73 2.10	48.51 3.79 15.44	49.78 4.58 26.28	67.42 5.74 26.61	62.60 4.30 11.05	59.69 3.16 0.00	50.00 2.43 0.00	42.56 1.87 0.00	39.29 1.73 0.00	34.48 1.73 0.00
CRICKET___VALLEY_CC2 323757	30.06 1.30 0.00	28.26 1.19 0.00	27.93 0.97 0.00	26.92 0.78 0.00	27.45 0.77 0.00	28.45 1.10 0.00	32.44 1.16 0.00	33.35 1.25 0.00	35.27 1.45 0.00	36.69 1.41 0.00	39.14 1.36 0.00	40.76 1.54 1.20	44.78 1.69 0.18	48.75 2.36 0.00	49.51 2.73 2.10	48.51 3.79 15.44	49.78 4.58 26.28	67.42 5.74 26.61	62.60 4.30 11.05	59.69 3.16 0.00	50.00 2.43 0.00	42.56 1.87 0.00	39.29 1.73 0.00	34.48 1.73 0.00
CRICKET___VALLEY_CC3 323758	30.06 1.30 0.00	28.26 1.19 0.00	27.93 0.97 0.00	26.92 0.78 0.00	27.45 0.77 0.00	28.45 1.10 0.00	32.44 1.16 0.00	33.35 1.25 0.00	35.27 1.45 0.00	36.69 1.41 0.00	39.14 1.36 0.00	40.76 1.54 1.20	44.78 1.69 0.18	48.75 2.36 0.00	49.51 2.73 2.10	48.51 3.79 15.44	49.78 4.58 26.28	67.42 5.74 26.61	62.60 4.30 11.05	59.69 3.16 0.00	50.00 2.43 0.00	42.56 1.87 0.00	39.29 1.73 0.00	34.48 1.73 0.00
CRUCIBLE_METL_DRP 24180	28.96 0.20 0.00	27.12 0.05 0.00	26.96 0.00 0.00	26.04 -0.10 0.00	26.60 -0.08 0.00	27.44 0.08 0.00	31.47 0.19 0.00	32.48 0.39 0.00	34.09 0.27 0.00	35.59 0.32 0.00	38.20 0.42 0.00	40.87 0.44 0.00	43.49 0.22 0.00	46.71 0.32 0.00	49.03 0.20 0.03	60.09 0.00 0.06	71.66 0.36 0.18	88.39 0.26 0.17	69.45 0.28 0.18	56.92 0.40 0.00	48.01 0.43 0.00	40.81 0.12 0.00	37.86 0.30 0.00	32.85 0.10 0.00
DAHOWA___HYDRO 323763	30.78 2.01 0.00	28.99 1.92 0.00	28.71 1.75 0.00	27.76 1.62 0.00	28.36 1.68 0.00	29.33 1.97 0.00	33.50 2.22 0.00	34.31 2.21 0.00	36.22 2.40 0.00	37.60 2.33 0.00	40.09 2.31 0.00	42.88 2.55 0.10	46.20 2.94 0.01	49.68 3.29 0.00	52.21 3.52 0.17	63.32 4.45 1.29	74.44 5.15 2.19	92.87 6.80 2.22	74.25 5.83 0.92	61.28 4.75 0.00	51.62 4.04 0.00	43.91 3.21 0.00	40.30 2.74 0.00	35.14 2.39 0.00
DANC___LFGE 323619	28.59 -0.17 0.00	26.80 -0.27 0.00	26.67 -0.30 0.00	25.80 -0.34 0.00	26.39 -0.29 0.00	27.14 -0.22 0.00	31.22 -0.06 0.00	32.03 -0.06 0.00	33.55 -0.27 0.00	35.06 -0.21 0.00	37.56 -0.23 0.00	40.23 -0.20 0.00	42.58 -0.69 0.00	45.55 -0.83 0.00	47.51 -1.12 0.24	56.98 -1.62 1.55	66.79 -1.86 2.83	72.39 -2.03 13.87	65.45 -1.32 2.58	54.59 -0.79 1.14	47.63 0.05 0.00	40.53 -0.16 0.00	37.41 -0.15 0.00	32.42 -0.33 0.00
DANSKAMMER___1 23586	30.69 1.93 0.00	28.75 1.68 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.92 1.56 0.00	32.94 1.66 0.00	33.89 1.80 0.00	35.85 2.03 0.00	37.36 2.08 0.00	39.97 2.19 0.00	43.00 2.51 -0.07	46.22 2.94 -0.01	50.10 3.71 0.00	53.24 4.25 -0.12	66.74 5.72 -0.87	80.03 7.08 -1.48	98.53 8.74 -1.50	76.69 6.72 -0.62	61.56 5.03 0.00	51.43 3.85 0.00	43.54 2.85 0.00	40.15 2.59 0.00	35.14 2.39 0.00
DANSKAMMER___2 23589	30.69 1.93 0.00	28.75 1.68 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.92 1.56 0.00	32.94 1.66 0.00	33.89 1.80 0.00	35.85 2.03 0.00	37.36 2.08 0.00	39.97 2.19 0.00	43.00 2.51 -0.07	46.22 2.94 -0.01	50.10 3.71 0.00	53.24 4.25 -0.12	66.74 5.72 -0.87	80.03 7.08 -1.48	98.53 8.74 -1.50	76.69 6.72 -0.62	61.56 5.03 0.00	51.43 3.85 0.00	43.54 2.85 0.00	40.15 2.59 0.00	35.14 2.39 0.00
DANSKAMMER___3 23590	30.69 1.93 0.00	28.75 1.68 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.92 1.56 0.00	32.94 1.66 0.00	33.89 1.80 0.00	35.85 2.03 0.00	37.36 2.08 0.00	39.97 2.19 0.00	43.00 2.51 -0.07	46.22 2.94 -0.01	50.10 3.71 0.00	53.24 4.25 -0.12	66.74 5.72 -0.87	80.03 7.08 -1.48	98.53 8.74 -1.50	76.69 6.72 -0.62	61.56 5.03 0.00	51.43 3.85 0.00	43.54 2.85 0.00	40.15 2.59 0.00	35.14 2.39 0.00

DANSKAMMER___4 23591	30.69 1.93 0.00	28.75 1.68 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.92 1.56 0.00	32.94 1.66 0.00	33.89 1.80 0.00	35.85 2.03 0.00	37.36 2.08 0.00	39.97 2.19 0.00	43.00 2.51 -0.07	46.22 2.94 -0.01	50.10 3.71 0.00	53.24 4.25 -0.12	66.74 5.72 -0.87	80.03 7.08 -1.48	98.53 8.74 -1.50	76.69 6.72 -0.62	61.56 5.03 0.00	51.43 3.85 0.00	43.54 2.85 0.00	40.15 2.59 0.00	35.14 2.39 0.00
DANSKAMMER___DIESEL 23592	30.69 1.93 0.00	28.67 1.60 0.00	28.36 1.40 0.00	27.42 1.28 0.00	27.93 1.25 0.00	28.92 1.56 0.00	32.97 1.69 0.00	33.89 1.80 0.00	35.85 2.03 0.00	37.36 2.08 0.00	40.01 2.23 0.00	42.92 2.43 -0.07	46.04 2.77 0.00	49.91 3.53 0.00	53.24 4.25 -0.12	66.74 5.71 -0.87	80.03 7.08 -1.48	98.53 8.74 -1.50	76.70 6.73 -0.62	61.56 5.03 0.00	51.43 3.85 0.00	43.42 2.73 0.00	40.19 2.63 0.00	35.14 2.39 0.00
DARBY___SOLAR 323810	30.63 1.87 0.00	28.86 1.79 0.00	28.58 1.62 0.00	27.63 1.49 0.00	28.22 1.55 0.00	29.19 1.83 0.00	33.34 2.06 0.00	34.15 2.06 0.00	36.05 2.23 0.00	37.43 2.15 0.00	39.90 2.11 0.00	42.67 2.34 0.10	45.98 2.73 0.02	49.49 3.11 0.00	52.01 3.32 0.18	63.03 4.21 1.33	74.08 4.86 2.26	92.36 6.36 2.29	73.81 5.41 0.95	60.88 4.35 0.00	51.29 3.71 0.00	43.62 2.93 0.00	40.08 2.52 0.00	34.98 2.23 0.00
DASHVILLE___HYD 23610	30.20 1.44 0.00	28.23 1.16 0.00	27.96 1.00 0.00	27.00 0.86 0.00	27.51 0.83 0.00	28.45 1.09 0.00	32.37 1.09 0.00	33.25 1.16 0.00	35.14 1.32 0.00	36.69 1.41 0.00	39.26 1.47 0.00	42.04 1.58 -0.04	45.13 1.86 0.00	48.89 2.50 0.00	52.89 3.96 -0.06	65.97 5.35 -0.46	78.84 6.58 -0.79	97.21 8.12 -0.80	75.85 6.17 -0.33	60.31 3.79 0.00	50.39 2.81 0.00	42.60 1.91 0.00	39.51 1.95 0.00	34.62 1.87 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	31.52 2.76 0.00	29.29 2.22 0.00	29.01 2.05 0.00	28.08 1.93 0.00	28.52 1.84 0.00	29.57 2.22 0.00	33.53 2.25 0.00	34.73 2.63 0.00	37.85 3.21 -0.81	39.21 3.53 -0.41	41.52 3.74 0.00	44.52 4.00 -0.09	47.34 4.07 0.00	54.66 5.33 -2.94	61.85 6.16 -6.83	77.20 8.84 -8.20	98.45 11.08 -15.90	123.13 14.04 -20.80	90.80 11.30 -10.15	72.38 8.99 -6.87	56.99 7.14 -2.27	46.97 5.41 -0.87	41.43 3.87 0.00	37.42 4.09 -0.57
DELAWARE___LFGE 323621	29.94 1.18 0.00	28.07 1.00 0.00	27.93 0.97 0.00	27.03 0.89 0.00	27.59 0.91 0.00	28.48 1.12 0.00	32.56 1.28 0.00	35.76 3.66 0.00	37.34 3.52 0.00	39.26 3.99 0.00	42.05 4.27 0.00	44.83 4.41 0.00	47.99 4.72 0.00	51.76 5.38 0.00	54.05 5.18 0.00	66.17 6.02 0.00	78.77 7.29 0.00	96.05 7.77 0.01	75.87 6.52 0.00	59.30 2.77 0.00	49.86 2.28 0.00	42.32 1.63 0.00	39.06 1.50 0.00	34.03 1.28 0.00
DERFIELD_115KV_TB7 355931	28.96 0.20 0.00	27.21 0.14 0.00	27.07 0.11 0.00	26.22 0.08 0.00	26.76 0.08 0.00	27.55 0.19 0.00	31.47 0.19 0.00	32.29 0.19 0.00	34.06 0.24 0.00	35.49 0.21 0.00	38.01 0.23 0.00	40.67 0.24 0.00	43.53 0.26 0.00	46.80 0.42 0.00	49.33 0.49 0.02	61.17 0.60 -0.42	72.71 0.71 -0.52	92.13 0.88 -2.95	70.46 0.69 -0.42	57.57 0.57 -0.48	48.06 0.48 0.00	40.94 0.24 0.00	37.82 0.26 0.00	32.98 0.23 0.00
DOGLEVILLE___HYD 23807	28.48 -0.29 0.00	26.77 -0.30 0.00	26.61 -0.35 0.00	25.75 -0.39 0.00	26.28 -0.40 0.00	27.03 -0.33 0.00	30.94 -0.34 0.00	31.71 -0.38 0.00	33.41 -0.40 0.00	34.85 -0.42 0.00	37.29 -0.49 0.00	39.94 -0.48 0.00	42.71 -0.56 0.00	45.92 -0.46 0.00	48.36 -0.49 0.02	60.03 -0.54 -0.42	71.07 -0.93 -0.52	90.28 -0.97 -2.95	69.07 -0.69 -0.42	56.39 -0.62 -0.48	47.20 -0.38 0.00	40.21 -0.49 0.00	37.11 -0.45 0.00	32.36 -0.39 0.00
DUNKIRK___115KV_TB_200 55889	29.48 0.72 0.00	27.31 0.24 0.00	27.15 0.19 0.00	26.01 -0.13 0.00	26.84 0.16 0.00	27.85 0.49 0.00	31.97 0.69 0.00	33.44 1.35 0.00	35.07 1.25 0.00	36.72 1.45 0.00	40.13 2.34 0.00	42.69 2.26 0.00	45.95 2.68 0.00	49.82 3.43 0.00	51.37 2.49 -0.01	61.79 1.62 -0.01	73.99 2.50 -0.01	89.32 1.06 0.03	71.51 2.15 -0.01	58.96 2.43 0.00	50.15 2.57 0.00	42.32 1.63 0.00	38.65 1.09 0.00	33.21 0.46 0.00
DUNKIRK___1 23563	29.48 0.72 0.00	27.31 0.24 0.00	27.15 0.19 0.00	26.01 -0.13 0.00	26.84 0.16 0.00	27.85 0.49 0.00	31.97 0.69 0.00	33.44 1.35 0.00	35.07 1.25 0.00	36.72 1.45 0.00	40.13 2.34 0.00	42.69 2.26 0.00	45.95 2.68 0.00	49.82 3.43 0.00	51.37 2.49 0.00	61.79 1.62 -0.01	73.99 2.50 -0.01	89.32 1.06 0.03	71.51 2.15 -0.01	58.96 2.43 0.00	50.15 2.57 0.00	42.32 1.63 0.00	38.65 1.09 0.00	33.21 0.46 0.00
DUNKIRK___2 23564	29.48 0.72 0.00	27.31 0.24 0.00	27.15 0.19 0.00	26.01 -0.13 0.00	26.84 0.16 0.00	27.85 0.49 0.00	31.97 0.69 0.00	33.44 1.35 0.00	35.07 1.25 0.00	36.72 1.45 0.00	40.13 2.34 0.00	42.69 2.26 0.00	45.95 2.68 0.00	49.82 3.43 0.00	51.37 2.49 -0.01	61.79 1.62 -0.01	73.99 2.50 -0.01	89.32 1.06 0.03	71.51 2.15 -0.01	58.96 2.43 0.00	50.15 2.57 0.00	42.32 1.63 0.00	38.65 1.09 0.00	33.21 0.46 0.00
DUNKIRK___3 23565	29.40 0.63 0.00	27.23 0.16 0.00	27.04 0.08 0.00	25.93 -0.21 0.00	26.73 0.05 0.00	27.71 0.36 0.00	31.78 0.50 0.00	33.22 1.12 0.00	34.80 0.98 0.00	36.44 1.16 0.00	39.79 2.00 0.00	42.33 1.90 0.00	45.56 2.29 0.00	49.35 2.97 0.00	50.93 2.05 -0.01	61.25 1.08 -0.01	73.34 1.86 -0.01	88.61 0.35 0.03	70.88 1.53 -0.01	58.51 1.98 0.00	49.72 2.14 0.00	41.95 1.26 0.00	38.35 0.79 0.00	32.98 0.23 0.00
DUNKIRK___4 23566	29.40 0.63 0.00	27.23 0.16 0.00	27.04 0.08 0.00	25.93 -0.21 0.00	26.73 0.05 0.00	27.71 0.36 0.00	31.78 0.50 0.00	33.22 1.12 0.00	34.80 0.98 0.00	36.44 1.16 0.00	39.79 2.00 0.00	42.33 1.90 0.00	45.56 2.29 0.00	49.35 2.97 0.00	50.93 2.05 -0.01	61.25 1.08 -0.01	73.34 1.86 -0.01	88.61 0.35 0.03	70.88 1.53 -0.01	58.51 1.98 0.00	49.72 2.14 0.00	41.95 1.26 0.00	38.35 0.79 0.00	32.98 0.23 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.72 1.96 0.00	28.67 1.60 0.00	28.34 1.38 0.00	27.37 1.23 0.00	27.88 1.20 0.00	28.92 1.56 0.00	33.03 1.75 0.00	34.09 1.99 0.00	36.12 2.30 0.00	37.71 2.43 0.00	40.35 2.57 0.00	43.30 2.79 -0.09	46.26 2.99 0.00	50.19 3.80 0.00	53.52 4.50 -0.15	67.30 6.02 -1.13	80.69 7.29 -1.92	99.33 9.09 -1.95	77.02 6.87 -0.81	61.67 5.14 0.00	51.43 3.85 0.00	43.58 2.89 0.00	40.38 2.82 0.00	35.34 2.59 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.46 1.70 0.00	28.45 1.38 0.00	28.17 1.21 0.00	27.21 1.07 0.00	27.75 1.07 0.00	28.70 1.34 0.00	32.75 1.47 0.00	33.67 1.57 0.00	35.58 1.76 0.00	37.11 1.83 0.00	39.75 1.96 0.00	42.60 2.10 -0.07	45.65 2.38 0.00	49.45 3.06 0.00	52.75 3.76 -0.12	66.13 5.11 -0.86	79.16 6.22 -1.46	97.55 7.77 -1.48	75.86 5.89 -0.62	60.99 4.47 0.00	50.91 3.33 0.00	43.05 2.36 0.00	39.85 2.29 0.00	34.88 2.13 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.10 2.33 -0.01	29.00 1.92 -0.01	28.61 1.64 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.09 1.81 0.00	34.15 2.05 0.00	36.25 2.43 0.00	37.88 2.61 0.01	40.62 2.83 0.00	43.55 3.03 -0.09	46.26 2.99 0.00	50.19 3.80 0.00	53.47 4.45 -0.15	67.30 6.02 -1.13	80.69 7.29 -1.92	99.41 9.18 -1.94	76.94 6.80 -0.80	61.72 5.20 0.01	51.34 3.76 0.00	44.03 3.34 0.00	40.76 3.19 -0.01	35.71 2.95 -0.01
E179THST_13_KV_LOAD 356214	31.27 2.50 -0.01	29.16 2.08 -0.01	28.77 1.81 0.00	27.74 1.59 0.00	28.25 1.57 0.00	29.16 1.81 0.00	33.28 2.00 0.00	34.38 2.28 0.00	36.49 2.67 0.00	38.12 2.86 0.01	40.92 3.14 0.00	43.87 3.36 -0.09	46.60 3.33 0.00	50.60 4.22 0.00	53.86 4.84 -0.15	67.84 6.56 -1.13	81.41 8.01 -1.92	100.21 9.98 -1.94	77.57 7.42 -0.80	62.23 5.71 0.01	51.77 4.19 0.00	44.35 3.66 0.00	41.06 3.49 -0.01	35.93 3.18 -0.01
EAST HAMPTON___GT 23717	31.70 2.94 0.00	29.56 2.49 0.00	29.31 2.34 0.00	28.10 1.96 0.00	28.57 1.89 0.00	29.68 2.32 0.00	33.47 2.19 0.00	34.73 2.63 0.00	37.91 3.28 -0.81	39.21 3.53 -0.41	40.88 3.10 0.00	44.92 4.41 -0.09	47.44 4.15 -0.02	54.84 5.52 -2.94	61.75 6.06 -6.83	77.26 8.90 -8.20	98.60 11.22 -15.90	123.60 14.48 -20.83	91.91 12.41 -10.15	73.40 10.01 -6.87	58.04 8.19 -2.27	47.95 6.39 -0.87	41.95 4.39 0.00	37.78 4.45 -0.57
EAST RIVER___6 23660	30.98 2.21 0.00	28.94 1.87 0.00	28.52 1.56 0.00	27.45 1.31 0.00	27.99 1.31 0.00	28.94 1.59 0.00	33.06 1.78 0.00	34.25 2.15 0.00	36.39 2.57 0.00	37.99 2.72 0.00	40.69 2.91 0.00	43.87 3.35 -0.09	46.79 3.50 -0.01	50.93 4.55 0.00	54.10 5.08 -0.15	67.90 6.62 -1.13	81.40 8.00 -1.92	100.13 9.89 -1.95	77.44 7.28 -0.81	61.84 5.31 0.00	51.77 4.19 0.00	43.95 3.26 0.00	40.75 3.19 0.00	35.70 2.95 0.00
EAST RIVER___7 23524	30.98 2.21 0.00	28.94 1.87 0.00	28.52 1.56 0.00	27.45 1.31 0.00	27.99 1.31 0.00	28.94 1.59 0.00	33.06 1.78 0.00	34.25 2.15 0.00	36.39 2.57 0.00	37.99 2.72 0.00	40.69 2.91 0.00	43.87 3.35 -0.09	46.79 3.50 -0.01	50.93 4.55 0.00	54.10 5.08 -0.15	67.90 6.62 -1.13	81.40 8.00 -1.92	100.13 9.89 -1.95	77.44 7.28 -0.81	61.84 5.31 0.00	51.77 4.19 0.00	43.95 3.26 0.00	40.75 3.19 0.00	35.70 2.95 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.66 1.90 0.00	28.61 1.54 0.00	28.28 1.32 0.00	27.32 1.18 0.00	27.83 1.15 0.00	28.84 1.48 0.00	32.94 1.66 0.00	33.99 1.89 0.00	35.98 2.16 0.00	37.57 2.29 0.00	40.20 2.42 0.00	43.14 2.63 -0.09	46.08 2.81 0.00	50.00 3.62 0.00	53.32 4.30 -0.15	67.06 5.77 -1.13	80.40 7.00 -1.92	98.97 8.74 -1.94	76.81 6.66 -0.81	61.50 4.97 0.00	51.29 3.71 0.00	43.46 2.77 0.00	40.23 2.67 0.00	35.24 2.49 0.00
EAST_HAMPTON___DIESEL 23722	31.67 2.90 0.00	29.53 2.46 0.00	29.28 2.32 0.00	28.08 1.93 0.00	28.54 1.87 0.00	29.63 2.27 0.00	33.41 2.13 0.00	34.67 2.57 0.00	37.88 3.25 -0.81	39.14 3.46 -0.41	40.81 3.02 0.00	44.88 4.37 -0.09	47.35 4.07 -0.02	54.75 5.42 -2.94	61.71 6.01 -6.83	77.20 8.85 -8.20	98.52 11.15 -15.90	123.42 14.30 -20.83	91.77 12.28 -10.15	73.35 9.95 -6.87	58.04 8.19 -2.27	47.90 6.35 -0.87	41.92 4.35 0.00	37.74 4.42 -0.57
EAST_POINT___SOLAR 323840	31.73 2.96 0.00	29.83 2.76 0.00	29.55 2.59 0.00	28.54 2.40 0.00	29.19 2.51 0.00	30.18 2.82 0.00	34.53 3.25 0.00	34.86 2.76 0.00	35.85 2.03 0.00	36.69 1.41 0.00	39.11 1.32 0.00	42.59 2.22 0.05	45.95 2.68 0.01	49.35 2.97 0.00	51.85 3.08 0.10	63.60 4.15 0.70	75.72 5.43 1.19	96.00 8.91 1.21	76.75 7.90 0.50	62.63 6.11 0.00	53.33 5.75 0.00	45.33 4.64 0.00	41.47 3.91 0.00	35.99 3.24 0.00
EAST_PULASKI___ESR 323781	28.59 -0.17 0.00	26.85 -0.22 0.00	26.69 -0.27 0.00	25.78 -0.37 0.00	26.33 -0.35 0.00	27.11 -0.25 0.00	31.12 -0.16 0.00	31.91 -0.19 0.00	33.48 -0.34 0.00	34.96 -0.32 0.00	37.48 -0.30 0.00	40.19 -0.24 0.00	42.84 -0.43 0.00	45.92 -0.46 0.00	48.06 -0.68 0.13	58.27 -1.08 0.80	68.85 -1.15 1.48	79.93 -1.42 6.95	67.09 -0.90 1.35	55.43 -0.51 0.58	47.48 -0.09 0.00	40.45 -0.24 0.00	37.41 -0.15 0.00	32.45 -0.30 0.00
EAST_RIVER___1 323558	30.89 2.13 0.00	28.91 1.84 0.00	28.50 1.54 0.00	27.42 1.28 0.00	27.96 1.28 0.00	28.97 1.61 0.00	33.09 1.81 0.00	34.21 2.12 0.00	36.32 2.50 0.00	37.92 2.65 0.00	40.58 2.80 0.00	43.75 3.24 -0.09	46.70 3.42 -0.01	50.74 4.36 0.00	53.91 4.89 -0.15	67.78 6.50 -1.13	81.26 7.86 -1.92	99.95 9.71 -1.95	77.37 7.21 -0.81	61.84 5.31 0.00	51.67 4.09 0.00	43.87 3.18 0.00	40.64 3.08 0.00	35.57 2.82 0.00
EAST_RIVER___2 323559	30.98 2.21 0.00	28.94 1.87 0.00	28.52 1.56 0.00	27.45 1.31 0.00	27.99 1.31 0.00	28.94 1.59 0.00	33.06 1.78 0.00	34.25 2.15 0.00	36.39 2.57 0.00	37.99 2.72 0.00	40.69 2.91 0.00	43.87 3.35 -0.09	46.79 3.50 -0.01	50.93 4.55 0.00	54.10 5.08 -0.15	67.90 6.62 -1.13	81.40 8.00 -1.92	100.13 9.89 -1.95	77.44 7.28 -0.81	61.84 5.31 0.00	51.77 4.19 0.00	43.95 3.26 0.00	40.75 3.19 0.00	35.70 2.95 0.00
EAST___DELAWARE_HYD 23607	30.66 1.90 0.00	28.75 1.68 0.00	28.42 1.45 0.00	27.42 1.28 0.00	27.93 1.25 0.00	28.89 1.53 0.00	32.94 1.66 0.00	33.83 1.73 0.00	35.71 1.89 0.00	37.25 1.97 0.00	39.86 2.08 0.00	42.86 2.38 -0.05	46.05 2.77 -0.01	49.86 3.48 0.00	52.96 4.01 -0.09	66.22 5.42 -0.65	79.29 6.72 -1.10	97.80 8.39 -1.11	76.33 6.52 -0.46	61.44 4.92 0.00	51.43 3.85 0.00	43.50 2.81 0.00	40.12 2.56 0.00	35.04 2.29 0.00
EIGHT_POINT___WT_PWR 323820	29.51 0.75 0.00	27.91 0.84 0.00	27.64 0.67 0.00	26.30 0.16 0.00	26.76 0.08 0.00	27.58 0.22 0.00	32.00 0.72 0.00	34.09 1.99 0.00	35.98 2.17 0.00	38.06 2.79 0.00	41.33 3.55 0.00	44.11 3.68 0.00	47.42 4.15 0.00	50.70 4.31 0.00	52.73 3.86 0.00	62.93 2.77 0.00	75.55 4.07 0.00	93.21 4.94 0.02	75.18 5.83 0.00	62.52 5.99 0.00	52.72 5.14 0.00	44.56 3.87 0.00	40.79 3.23 0.00	35.01 2.26 0.00
ELBRIDGE_115KV_TB2 80188	28.73 -0.03 0.00	26.91 -0.16 0.00	26.75 -0.22 0.00	25.83 -0.31 0.00	26.38 -0.29 0.00	27.22 -0.14 0.00	31.22 -0.06 0.00	32.22 0.13 0.00	33.82 0.00 0.00	35.31 0.04 0.00	37.90 0.11 0.00	40.55 0.12 0.00	43.31 0.04 0.00	46.52 0.14 0.00	48.84 0.00 0.03	59.86 -0.24 0.06	71.60 0.29 0.16	88.32 0.18 0.15	69.47 0.28 0.16	56.92 0.40 0.00	48.01 0.43 0.00	40.81 0.12 0.00	37.67 0.11 0.00	32.68 -0.07 0.00
ELEC_TRO_TEK 24086	31.12 2.36 0.00	28.99 1.92 0.00	28.66 1.70 0.00	27.71 1.57 0.00	28.23 1.55 0.00	29.27 1.92 0.00	33.34 2.06 0.00	34.50 2.41 0.00	37.37 2.74 -0.81	38.58 2.89 -0.41	40.73 2.95 0.00	43.63 3.11 -0.09	46.56 3.29 0.00	64.85 4.27 -14.20	86.26 4.98 -32.41	75.24 6.80 -8.29	132.80 8.22 -53.10	101.35 10.24 -2.81	122.94 7.70 -45.90	69.32 5.94 -6.86	54.36 4.52 -2.26	45.18 3.50 -0.99	40.60 3.04 0.00	36.37 3.05 -0.57

ELLENBURG_WT_PWR 323604	27.67 -1.09 0.00	26.18 -0.89 0.00	26.31 -0.65 0.00	25.83 -0.31 0.00	26.39 -0.29 0.00	26.70 -0.66 0.00	30.65 -0.63 0.00	31.45 -0.64 0.00	33.14 -0.68 0.00	34.68 -0.60 0.00	37.37 -0.41 0.00	39.22 -1.21 0.00	41.11 -2.16 0.00	43.51 -2.88 0.00	45.77 -2.88 0.21	46.96 -3.55 9.64	53.09 -4.29 14.10	53.51 -5.03 29.76	53.28 -4.02 12.04	43.54 -3.34 9.65	44.72 -2.85 0.01	39.19 -1.50 0.00	36.73 -0.83 0.00	31.96 -0.79 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.02 0.26 0.00	26.91 -0.16 0.00	26.72 -0.24 0.00	25.64 -0.50 0.00	26.41 -0.27 0.00	27.39 0.03 0.00	31.31 0.03 0.00	32.64 0.55 0.00	34.19 0.37 0.00	35.80 0.53 0.00	39.11 1.32 0.00	41.52 1.09 0.00	44.70 1.43 0.00	48.38 1.99 0.00	49.76 0.88 -0.01	59.74 -0.42 -0.01	71.56 0.07 -0.01	86.58 -1.68 0.03	69.08 -0.28 -0.01	57.09 0.57 0.00	48.67 1.09 0.00	41.14 0.45 0.00	37.56 0.00 0.00	32.36 -0.39 0.00
EMPIRE_CC_1 323656	29.37 0.60 0.00	27.69 0.62 0.00	27.58 0.62 0.00	26.61 0.47 0.00	27.16 0.48 0.00	28.07 0.71 0.00	31.87 0.59 0.00	32.67 0.58 0.00	34.49 0.68 0.00	35.80 0.53 0.00	38.24 0.46 0.00	40.76 0.49 0.15	43.77 0.52 0.02	47.31 0.93 0.00	49.68 1.07 0.26	59.78 1.56 1.94	70.04 1.86 3.29	87.34 2.38 3.34	69.76 1.80 1.38	57.88 1.35 0.00	48.67 1.10 0.00	41.51 0.81 0.00	38.35 0.79 0.00	33.60 0.85 0.00
EMPIRE_CC_2 323658	29.37 0.60 0.00	27.69 0.62 0.00	27.58 0.62 0.00	26.61 0.47 0.00	27.16 0.48 0.00	28.07 0.71 0.00	31.87 0.59 0.00	32.67 0.58 0.00	34.49 0.68 0.00	35.80 0.53 0.00	38.24 0.46 0.00	40.76 0.49 0.15	43.77 0.52 0.02	47.31 0.93 0.00	49.68 1.07 0.26	59.78 1.56 1.94	70.04 1.86 3.29	87.34 2.38 3.34	69.76 1.80 1.38	57.88 1.35 0.00	48.67 1.10 0.00	41.51 0.81 0.00	38.35 0.79 0.00	33.60 0.85 0.00
ENORWICH_115KV_TB1 80156	31.41 2.65 0.00	29.24 2.17 0.00	29.01 2.05 0.00	28.02 1.88 0.00	28.68 2.00 0.00	29.96 2.60 0.00	34.56 3.28 0.00	38.48 6.39 0.00	39.87 6.05 0.00	42.08 6.81 0.00	44.85 7.07 0.00	47.70 7.28 0.00	51.02 7.75 0.00	55.06 8.67 0.00	57.27 8.41 0.00	70.14 9.99 0.00	83.70 12.22 0.00	97.73 9.45 0.01	77.46 8.11 0.00	62.63 6.10 0.00	52.76 5.19 0.00	44.39 3.70 0.00	40.83 3.27 0.00	35.27 2.52 0.00
ERIE_ST_34_KV_TB1-2 80199	29.54 0.78 0.00	27.31 0.24 0.00	27.12 0.16 0.00	26.04 -0.10 0.00	26.78 0.11 0.00	27.80 0.44 0.00	31.87 0.59 0.00	33.22 1.12 0.00	34.87 1.05 0.00	36.47 1.20 0.00	39.86 2.08 0.00	42.41 1.98 0.00	45.65 2.38 0.00	49.54 3.15 0.00	51.12 2.25 -0.01	61.36 1.20 -0.01	73.70 2.22 -0.01	88.17 -0.09 0.03	71.23 1.87 -0.01	58.67 2.15 0.00	49.86 2.28 0.00	42.03 1.34 0.00	38.39 0.83 0.00	33.08 0.33 0.00
ERIE_WT_PWR 323693	29.28 0.52 0.00	27.45 0.38 0.00	27.23 0.27 0.00	25.88 -0.26 0.00	26.62 -0.05 0.00	27.60 0.25 0.00	31.66 0.38 0.00	32.93 0.83 0.00	34.53 0.71 0.00	36.23 0.95 0.00	39.52 1.74 0.00	42.09 1.66 0.00	45.56 2.29 0.00	48.75 2.36 0.00	50.29 1.42 -0.01	60.40 0.24 -0.01	72.35 0.86 -0.01	87.29 -0.97 0.03	69.91 0.55 -0.01	57.83 1.30 0.00	49.00 1.43 0.00	41.55 0.86 0.00	37.90 0.34 0.00	32.68 -0.07 0.00
ESPRGFLD_115KV_TB1 80157	31.18 2.42 0.00	29.21 2.14 0.00	29.01 2.05 0.00	28.05 1.91 0.00	28.68 2.00 0.00	29.66 2.30 0.00	34.00 2.72 0.00	34.66 2.57 0.00	36.25 2.43 0.00	37.74 2.47 0.00	40.35 2.57 0.00	43.30 2.91 0.03	46.47 3.20 0.00	50.05 3.66 0.00	52.67 3.86 0.06	64.53 4.81 0.43	76.46 5.72 0.74	95.14 7.59 0.75	75.35 6.31 0.31	61.95 5.43 0.00	52.29 4.71 0.00	44.27 3.58 0.00	40.72 3.16 0.00	35.34 2.59 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.74 0.98 0.00	27.80 0.73 0.00	27.61 0.65 0.00	26.64 0.50 0.00	27.24 0.56 0.00	28.18 0.82 0.00	32.41 1.13 0.00	33.32 1.22 0.00	34.90 1.08 0.00	36.40 1.13 0.00	39.07 1.28 0.00	41.76 1.33 0.00	44.70 1.43 0.00	48.15 1.76 0.00	50.53 1.66 0.00	62.02 1.86 0.00	73.84 2.36 0.00	91.46 3.18 0.01	72.26 2.91 0.00	59.07 2.54 0.00	49.82 2.24 0.00	42.20 1.51 0.00	38.84 1.28 0.00	33.63 0.88 0.00
ETNA____115KV_TB2 80207	29.74 0.98 0.00	27.80 0.73 0.00	27.61 0.65 0.00	26.64 0.50 0.00	27.24 0.56 0.00	28.18 0.82 0.00	32.41 1.13 0.00	33.32 1.22 0.00	34.90 1.08 0.00	36.40 1.13 0.00	39.07 1.28 0.00	41.76 1.33 0.00	44.70 1.43 0.00	48.15 1.76 0.00	50.53 1.66 0.00	62.02 1.86 0.00	73.84 2.36 0.00	91.46 3.18 0.01	72.26 2.91 0.00	59.07 2.54 0.00	49.82 2.24 0.00	42.20 1.51 0.00	38.84 1.28 0.00	33.63 0.88 0.00
EUCLID____115KV_TB2 356179	28.68 -0.09 0.00	26.85 -0.22 0.00	26.69 -0.27 0.00	25.80 -0.34 0.00	26.36 -0.32 0.00	27.19 -0.16 0.00	31.15 -0.13 0.00	32.13 0.03 0.00	33.78 -0.03 0.00	35.27 0.00 0.00	37.86 0.08 0.00	40.51 0.08 0.00	43.31 0.04 0.00	46.62 0.23 0.00	48.93 0.10 0.04	59.96 -0.12 0.07	71.20 -0.07 0.20	87.82 -0.26 0.21	69.01 -0.14 0.20	56.53 0.00 0.00	47.67 0.10 0.00	40.53 -0.16 0.00	37.37 -0.19 0.00	32.49 -0.26 0.00
E_CANADA_CAP_HY 24051	31.67 2.90 0.00	29.78 2.71 0.00	29.52 2.56 0.00	28.52 2.38 0.00	29.13 2.45 0.00	30.12 2.76 0.00	34.53 3.25 0.00	35.15 3.05 0.00	36.59 2.77 0.00	37.85 2.57 0.00	40.43 2.64 0.05	43.57 3.19 0.01	46.90 3.64 0.00	50.47 4.08 0.00	53.08 4.30 0.09	64.99 5.47 0.63	76.84 6.44 1.08	96.21 9.01 1.09	76.52 7.63 0.45	62.80 6.27 0.00	53.10 5.52 0.00	45.21 4.52 0.00	41.39 3.83 0.00	35.96 3.21 0.00
E_CANADA_MHWK_HY 24050	28.48 -0.29 0.00	26.77 -0.30 0.00	26.61 -0.35 0.00	25.75 -0.39 0.00	26.28 -0.40 0.00	27.03 -0.33 0.00	30.94 -0.34 0.00	31.71 -0.38 0.00	33.41 -0.40 0.00	34.85 -0.42 0.00	37.29 -0.49 0.00	39.94 -0.48 0.00	42.71 -0.56 0.00	45.92 -0.46 0.00	48.36 -0.49 0.02	60.03 -0.54 -0.42	71.07 -0.93 -0.52	90.28 -0.97 -2.95	69.07 -0.69 -0.42	56.39 -0.62 -0.48	47.20 -0.38 0.00	40.21 -0.49 0.00	37.11 -0.45 0.00	32.36 -0.39 0.00
E_FISHKILL____LBMP 23776	30.32 1.55 0.00	28.37 1.30 0.00	28.07 1.11 0.00	27.11 0.97 0.00	27.64 0.96 0.00	28.62 1.26 0.00	32.69 1.41 0.00	33.64 1.54 0.00	35.58 1.76 0.00	37.11 1.83 0.00	39.67 1.89 0.00	42.50 1.98 -0.09	45.43 2.16 0.00	49.26 2.88 0.00	52.50 3.47 -0.16	66.01 4.69 -1.16	79.11 5.65 -1.98	97.36 7.06 -2.01	75.52 5.34 -0.83	60.54 4.01 0.00	50.58 3.00 0.00	42.89 2.20 0.00	39.74 2.18 0.00	34.81 2.06 0.00
FALCON____SEABRD_CC1 323796	28.22 -0.55 0.00	26.80 -0.27 0.00	26.93 -0.03 0.00	26.40 0.26 0.00	26.97 0.29 0.00	27.30 -0.05 0.00	31.41 0.13 0.00	32.26 0.16 0.00	33.99 0.17 0.00	35.63 0.35 0.00	38.35 0.57 0.00	39.17 -1.25 0.00	40.02 -3.25 0.00	42.35 -4.04 0.00	44.62 -4.01 0.25	45.45 -5.05 9.66	51.27 -6.00 14.20	51.13 -7.24 29.92	51.51 -5.69 12.16	42.23 -4.69 9.60	43.62 -3.95 0.01	38.98 -1.71 0.00	37.56 0.00 0.00	32.62 -0.13 0.00

FALCON___SEABRD_CC2 323797	28.22 -0.55 0.00	26.80 -0.27 0.00	26.93 -0.03 0.00	26.40 0.26 0.00	26.97 0.29 0.00	27.30 -0.05 0.00	31.41 0.13 0.00	32.26 0.16 0.00	33.99 0.17 0.00	35.63 0.35 0.00	38.35 0.57 0.00	39.17 -1.25 0.00	40.02 -3.25 0.00	42.35 -4.04 0.00	44.62 -4.01 0.25	45.45 -5.05 9.66	51.27 -6.00 14.20	51.13 -7.24 29.92	51.51 -5.69 12.16	42.23 -4.69 9.60	43.62 -3.95 0.01	38.98 -1.71 0.00	37.56 0.00 0.00	32.62 -0.13 0.00
FAR ROCKAWAY___4 23548	31.61 2.85 0.00	29.43 2.36 0.00	29.09 2.13 0.00	28.10 1.96 0.00	28.63 1.95 0.00	29.71 2.35 0.00	33.84 2.56 0.00	35.02 2.92 0.00	37.95 3.31 -0.81	39.21 3.53 -0.41	41.52 3.74 0.00	44.56 4.04 -0.09	47.60 4.33 0.00	62.41 5.47 -10.55	79.20 6.21 -24.13	76.72 8.30 -8.26	122.25 9.72 -41.05	102.98 12.10 -2.59	112.83 9.15 -34.32	70.90 7.52 -6.86	55.70 5.85 -2.26	46.16 4.52 -0.95	41.47 3.91 0.00	37.06 3.73 -0.57
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.92 2.16 0.00	28.83 1.76 0.00	28.44 1.48 0.00	27.45 1.31 0.00	27.99 1.31 0.00	29.00 1.64 0.00	33.16 1.88 0.00	34.25 2.15 0.00	36.35 2.54 0.00	37.99 2.72 0.00	40.73 2.95 0.00	43.63 3.11 -0.09	46.52 3.25 0.00	50.51 4.13 0.00	53.91 4.89 -0.15	67.78 6.50 -1.13	81.26 7.86 -1.92	100.04 9.80 -1.95	77.44 7.28 -0.81	62.01 5.48 0.00	51.67 4.09 0.00	43.83 3.13 0.00	40.68 3.12 0.00	35.60 2.85 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.92 2.16 0.00	28.83 1.76 0.00	28.44 1.48 0.00	27.47 1.33 0.00	27.99 1.31 0.00	29.00 1.64 0.00	33.16 1.88 0.00	34.25 2.15 0.00	36.35 2.54 0.00	37.99 2.72 0.00	40.73 2.95 0.00	43.63 3.11 -0.09	46.52 3.25 0.00	50.51 4.13 0.00	53.91 4.89 -0.15	67.78 6.50 -1.13	81.26 7.86 -1.92	100.04 9.80 -1.95	77.44 7.28 -0.81	62.01 5.48 0.00	51.67 4.09 0.00	43.83 3.13 0.00	40.72 3.16 0.00	35.60 2.85 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.89 2.13 0.00	28.80 1.73 0.00	28.42 1.46 0.00	27.45 1.31 0.00	27.96 1.28 0.00	28.97 1.61 0.00	33.16 1.88 0.00	34.25 2.15 0.00	36.32 2.50 0.00	37.96 2.68 0.00	40.69 2.91 0.00	43.63 3.11 -0.09	46.47 3.20 0.00	50.47 4.08 0.00	53.86 4.84 -0.15	67.72 6.44 -1.13	81.19 7.79 -1.92	99.95 9.71 -1.95	77.37 7.21 -0.81	61.90 5.37 0.00	51.62 4.04 0.00	43.78 3.09 0.00	40.64 3.08 0.00	35.57 2.82 0.00
FARRAGUT___LBMP 323566	30.89 2.13 0.00	28.78 1.71 0.00	28.42 1.46 0.00	27.42 1.28 0.00	27.96 1.28 0.00	28.97 1.61 0.00	33.12 1.85 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.92 2.65 0.00	40.62 2.83 -0.09	43.55 3.03 0.00	46.43 3.16 0.00	50.42 4.04 0.00	53.76 4.74 -0.15	67.66 6.38 -1.13	81.12 7.72 -1.92	99.77 9.54 -1.95	77.23 7.07 -0.81	61.84 5.31 0.00	51.53 3.95 0.00	43.74 3.05 0.00	40.60 3.04 0.00	35.53 2.78 0.00
FENNER___WINDPWR 24204	29.60 0.83 0.00	27.80 0.73 0.00	27.61 0.65 0.00	26.66 0.52 0.00	27.24 0.56 0.00	28.10 0.74 0.00	32.28 1.00 0.00	33.25 1.15 0.00	34.90 1.08 0.00	36.47 1.20 0.00	39.03 1.25 0.00	41.80 1.38 0.00	44.74 1.47 0.00	48.05 1.67 0.00	50.38 1.56 0.05	61.85 1.80 0.10	73.40 2.22 0.29	92.68 2.74 -1.65	71.41 2.36 0.29	58.56 2.03 0.00	49.34 1.76 0.00	41.91 1.22 0.00	38.61 1.05 0.00	33.50 0.75 0.00
FIBERTEK___ENERGY 23856	28.96 0.20 0.00	27.12 0.05 0.00	26.96 0.00 0.00	26.04 -0.10 0.00	26.60 -0.08 0.00	27.44 0.08 0.00	31.47 0.19 0.00	32.48 0.39 0.00	34.09 0.27 0.00	35.59 0.32 0.00	38.20 0.42 0.00	40.87 0.44 0.00	43.49 0.22 0.00	46.71 0.32 0.00	49.03 0.20 0.03	60.09 0.00 0.06	71.66 0.36 0.18	88.39 0.26 0.17	69.45 0.28 0.18	56.92 0.40 0.00	48.01 0.43 0.00	40.81 0.12 0.00	37.86 0.30 0.00	32.85 0.10 0.00
FITZPATRICK____ 23598	28.16 -0.61 0.00	26.47 -0.60 0.00	26.31 -0.65 0.00	25.41 -0.73 0.00	25.96 -0.72 0.00	26.73 -0.63 0.00	30.59 -0.69 0.00	31.49 -0.61 0.00	33.14 -0.68 0.00	34.57 -0.71 0.00	37.11 -0.68 0.00	39.70 -0.73 0.00	42.53 -0.74 0.00	45.59 -0.79 0.00	47.94 -0.93 0.00	58.83 -1.32 0.00	69.97 -1.50 0.00	86.35 -1.94 0.00	67.89 -1.46 0.00	55.45 -1.08 0.00	46.72 -0.86 0.00	39.84 -0.86 0.00	36.73 -0.83 0.00	31.93 -0.82 0.00
FLOWRFLD_69_KV_BK1 356044	31.32 2.56 0.00	29.15 2.08 0.00	28.82 1.86 0.00	27.89 1.75 0.00	28.36 1.68 0.00	29.47 2.11 0.00	33.47 2.19 0.00	34.70 2.60 0.00	37.64 3.01 -0.81	38.89 3.21 -0.41	40.88 3.10 0.00	43.67 3.15 -0.09	46.78 3.50 0.00	53.93 4.45 -3.09	61.28 5.23 -7.18	75.82 7.46 -8.21	97.12 9.22 -16.42	149.86 11.57 -50.00	88.66 8.67 -10.65	70.02 6.61 -6.88	55.00 5.14 -2.28	45.59 4.03 -0.87	40.60 3.04 0.00	36.76 3.44 -0.57
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.75 1.98 0.00	28.72 1.65 0.00	28.42 1.46 0.00	27.47 1.33 0.00	27.99 1.31 0.00	28.97 1.61 0.00	33.03 1.75 0.00	33.93 1.83 0.00	35.92 2.10 0.00	37.43 2.15 0.00	40.13 2.34 0.00	43.00 2.51 -0.07	46.17 2.90 0.00	50.05 3.66 0.00	53.39 4.40 -0.12	67.00 5.96 -0.89	80.29 7.29 -1.52	98.84 9.01 -1.54	76.92 6.93 -0.64	61.78 5.26 0.00	51.58 4.00 0.00	43.54 2.85 0.00	40.26 2.70 0.00	35.21 2.46 0.00
FORT ORANGE____ 23900	29.14 0.37 0.00	27.45 0.38 0.00	27.26 0.30 0.00	26.33 0.18 0.00	26.87 0.19 0.00	27.74 0.38 0.00	31.59 0.31 0.00	32.32 0.23 0.00	34.16 0.34 0.00	35.45 0.18 0.00	37.90 0.11 0.00	40.51 0.16 0.08	43.56 0.31 0.01	46.99 0.60 0.00	49.62 0.88 0.13	60.39 1.20 0.97	71.26 1.43 1.64	88.57 1.94 1.66	70.18 1.52 0.69	57.60 1.07 0.00	48.44 0.86 0.00	41.30 0.61 0.00	38.35 0.79 0.00	33.50 0.75 0.00
FORT_DRUM_COGEN 23780	28.53 -0.23 0.00	26.69 -0.38 0.00	26.58 -0.38 0.00	25.83 -0.31 0.00	26.41 -0.27 0.00	27.17 -0.19 0.00	31.37 0.09 0.00	32.19 0.10 0.00	33.65 -0.17 0.00	35.17 -0.11 0.00	37.52 -0.26 0.00	40.14 -0.28 0.00	42.06 -1.21 0.00	45.04 -1.35 0.00	46.62 -1.86 0.39	55.10 -2.47 2.58	64.00 -2.79 4.69	61.79 -3.00 23.50	63.13 -1.94 4.28	53.42 -1.19 1.92	47.67 0.10 0.00	40.57 -0.12 0.00	37.37 -0.19 0.00	32.36 -0.39 0.00
FOX_HILLS___ESR 323835	86.86 2.33 -55.76	48.76 1.84 -19.85	42.34 1.54 -13.84	42.42 1.39 -14.89	42.39 1.36 -14.35	42.04 1.70 -12.98	46.57 1.88 -13.41	47.54 2.21 -13.23	46.61 2.64 -10.15	56.86 2.86 -18.72	88.18 3.14 -47.26	43.83 3.32 -0.09	46.60 3.33 0.00	73.16 4.17 -22.60	86.30 4.74 -32.69	86.05 6.32 -19.58	104.56 7.72 -25.36	99.94 9.62 -2.02	82.73 7.14 -6.24	121.68 5.48 -59.67	69.60 4.09 -17.93	69.53 3.42 -25.42	69.58 3.38 -28.64	69.56 3.05 -33.76
FPL FAR_ROCK_GT1 24212	31.61 2.85 0.00	29.53 2.46 0.00	29.20 2.24 0.00	28.08 1.93 0.00	28.60 1.92 0.00	29.71 2.35 0.00	33.78 2.50 0.00	35.02 2.92 0.00	37.95 3.32 -0.81	39.14 3.46 -0.41	41.11 3.33 0.00	44.68 4.16 -0.09	47.78 4.50 -0.01	62.64 5.70 -10.55	79.20 6.21 -24.13	76.72 8.30 -8.26	122.33 9.79 -41.05	102.98 12.10 -2.59	112.82 9.15 -34.32	70.79 7.40 -6.86	55.69 5.85 -2.26	46.28 4.64 -0.95	41.44 3.87 -0.01	37.06 3.73 -0.58

FPL FAR_ROCK_GT2 23815	31.61 2.85 0.00	29.53 2.46 0.00	29.20 2.24 0.00	28.08 1.93 0.00	28.60 1.92 0.00	29.71 2.35 0.00	33.78 2.50 0.00	35.02 2.92 0.00	37.95 3.32 -0.81	39.14 3.46 -0.41	41.11 3.33 0.00	44.68 4.16 -0.09	47.78 4.50 -0.01	62.64 5.70 -10.55	79.20 6.21 -24.13	76.72 8.30 -8.26	122.33 9.79 -41.05	102.98 12.10 -2.59	112.82 9.15 -34.32	70.79 7.40 -6.86	55.69 5.85 -2.26	46.28 4.64 -0.95	41.44 3.87 -0.01	37.06 3.73 -0.58
FRANKLIN_FALL_HYD 24054	27.70 -1.06 0.00	26.39 -0.68 0.00	26.45 -0.51 0.00	25.85 -0.29 0.00	26.38 -0.29 0.00	26.67 -0.68 0.00	30.69 -0.59 0.00	31.45 -0.64 0.00	33.11 -0.71 0.00	34.68 -0.60 0.00	37.29 -0.49 0.00	40.06 -0.36 0.00	42.66 -0.61 0.00	44.20 -2.18 0.00	45.37 -2.88 0.61	46.67 -3.67 9.82	51.60 -4.43 15.45	51.11 -5.21 31.97	51.74 -4.09 13.51	44.17 -3.34 9.03	45.15 -2.43 0.01	40.00 -0.69 0.00	36.55 -1.01 0.00	31.80 -0.95 0.00
FREEPORT_EQUS_GT1 23764	31.38 2.62 0.00	29.34 2.27 0.00	28.98 2.02 0.00	27.87 1.72 0.00	28.41 1.73 0.00	29.52 2.16 0.00	33.50 2.22 0.00	34.76 2.66 0.00	37.68 3.04 -0.81	38.82 3.14 -0.41	40.62 2.84 0.00	44.15 3.64 -0.09	47.00 3.72 -0.01	63.32 4.68 -12.25	82.03 5.18 -27.99	75.52 7.09 -8.28	126.86 8.72 -46.67	101.75 10.77 -2.69	117.17 8.11 -39.72	69.66 6.27 -6.86	54.70 4.86 -2.26	45.77 4.11 -0.97	40.98 3.42 0.00	36.73 3.41 -0.58
FREEPORT___CT2 23818	31.38 2.62 0.00	29.34 2.27 0.00	28.98 2.02 0.00	27.87 1.72 0.00	28.41 1.73 0.00	29.52 2.16 0.00	33.50 2.22 0.00	34.76 2.66 0.00	37.68 3.04 -0.81	38.82 3.14 -0.41	40.62 2.84 0.00	44.15 3.64 -0.09	47.00 3.72 -0.01	63.32 4.68 -12.25	82.03 5.18 -27.99	75.52 7.09 -8.28	126.86 8.72 -46.67	101.75 10.77 -2.69	117.17 8.11 -39.72	69.66 6.27 -6.86	54.70 4.86 -2.26	45.77 4.11 -0.97	40.98 3.42 0.00	36.73 3.41 -0.58
FRESHKLS_33_KV_LOAD 356253	43.81 2.27 -12.78	42.62 1.76 -13.79	42.29 1.48 -13.84	42.36 1.33 -14.89	42.34 1.31 -14.35	41.98 1.64 -12.98	42.42 1.81 -9.32	43.43 2.15 -9.18	43.43 2.57 -7.05	43.88 2.79 -5.81	73.66 3.06 -32.82	14.68 3.27 29.02	20.95 3.29 25.61	43.92 4.13 6.60	45.07 4.74 8.54	49.57 6.32 16.90	63.13 7.72 16.07	81.95 9.62 15.97	59.26 7.14 17.23	45.71 5.54 16.36	43.94 4.09 7.73	43.90 3.42 0.21	42.84 3.34 -1.93	42.82 3.01 -7.05
FULTON COGEN____ 23766	28.50 -0.26 0.00	26.72 -0.35 0.00	26.56 -0.40 0.00	25.64 -0.50 0.00	26.20 -0.48 0.00	27.03 -0.33 0.00	31.00 -0.28 0.00	31.90 -0.19 0.00	33.51 -0.30 0.00	34.96 -0.32 0.00	37.52 -0.26 0.00	40.14 -0.28 0.00	42.92 -0.35 0.00	46.15 -0.23 0.00	48.48 -0.34 0.04	59.46 -0.60 0.09	70.73 -0.50 0.25	86.10 -0.79 1.40	68.55 -0.55 0.25	56.24 -0.28 0.00	47.44 -0.14 0.00	40.33 -0.37 0.00	37.22 -0.34 0.00	32.32 -0.43 0.00
FULTON___LFGE 323630	31.38 2.62 0.00	29.53 2.46 0.00	29.25 2.29 0.00	28.26 2.12 0.00	28.89 2.21 0.00	29.87 2.52 0.00	34.22 2.94 0.00	34.86 2.76 0.00	36.42 2.60 0.00	37.67 2.40 0.00	40.24 2.45 0.00	43.32 2.95 0.06	46.64 3.38 0.01	50.14 3.76 0.00	52.73 3.96 0.10	64.55 5.11 0.72	76.41 6.15 1.22	95.62 8.56 1.23	75.98 7.14 0.51	62.35 5.82 0.00	52.67 5.09 0.00	44.76 4.07 0.00	41.01 3.45 0.00	35.63 2.88 0.00
G.F.CEMENT___DRP 24184	31.09 2.33 0.00	29.24 2.17 0.00	28.93 1.97 0.00	28.05 1.91 0.00	28.65 1.97 0.00	29.63 2.27 0.00	33.91 2.63 0.00	34.76 2.66 0.00	36.63 2.81 0.00	38.10 2.82 0.00	40.47 2.68 0.00	43.32 2.99 0.09	46.73 3.46 0.00	50.19 3.80 0.00	52.81 4.10 0.16	64.11 5.17 1.21	75.35 5.93 2.06	94.15 7.95 2.09	75.41 6.93 0.87	62.12 5.60 0.00	52.38 4.81 0.00	44.48 3.78 0.00	40.79 3.23 0.00	35.53 2.78 0.00
GARDENVILLE___LBMP 24039	29.14 0.37 0.00	27.02 -0.05 0.00	26.83 -0.13 0.00	25.72 -0.42 0.00	26.52 -0.16 0.00	27.50 0.14 0.00	31.47 0.19 0.00	32.80 0.71 0.00	34.36 0.54 0.00	35.98 0.71 0.00	39.26 1.47 0.00	41.72 1.29 0.00	44.91 1.64 0.00	48.61 2.23 0.00	50.05 1.17 -0.01	60.10 -0.06 -0.01	71.99 0.50 -0.01	87.02 -1.24 0.03	69.56 0.21 -0.01	57.43 0.90 0.00	48.96 1.38 0.00	41.34 0.65 0.00	37.79 0.23 0.00	32.55 -0.20 0.00
GARDNVLA_35_KV_LD 355827	29.34 0.58 0.00	27.18 0.11 0.00	26.99 0.03 0.00	25.88 -0.26 0.00	26.65 -0.03 0.00	27.63 0.27 0.00	31.62 0.34 0.00	33.00 0.90 0.00	34.60 0.78 0.00	36.19 0.92 0.00	39.56 1.78 0.00	42.04 1.62 0.00	45.26 1.99 0.00	49.03 2.64 0.00	50.44 1.56 -0.01	60.52 0.36 -0.01	72.49 1.00 -0.01	87.47 -0.79 0.03	70.05 0.69 -0.01	57.77 1.24 0.00	49.24 1.67 0.00	41.59 0.90 0.00	37.97 0.41 0.00	32.72 -0.03 0.00
GELCKHM__115KV_LOAD 80723	28.76 0.00 0.00	26.94 -0.14 0.00	26.77 -0.19 0.00	25.85 -0.29 0.00	26.44 -0.24 0.00	27.25 -0.11 0.00	31.25 -0.03 0.00	32.26 0.16 0.00	33.89 0.07 0.00	35.38 0.11 0.00	37.97 0.19 0.00	40.63 0.20 0.00	43.36 0.09 0.00	46.62 0.23 0.00	48.93 0.10 0.03	60.03 -0.06 0.07	71.36 0.07 0.19	88.01 -0.09 0.19	69.16 0.00 0.19	56.64 0.11 0.00	47.77 0.19 0.00	40.61 -0.08 0.00	37.52 -0.04 0.00	32.62 -0.13 0.00
GENERAL___MILLS 23808	29.25 0.49 0.00	27.10 0.03 0.00	26.93 -0.03 0.00	25.83 -0.31 0.00	26.60 -0.08 0.00	27.58 0.22 0.00	31.56 0.28 0.00	32.90 0.80 0.00	34.49 0.68 0.00	36.09 0.81 0.00	39.41 1.62 0.00	41.88 1.46 0.00	45.09 1.82 0.00	48.80 2.41 0.00	50.24 1.37 -0.01	60.34 0.18 -0.01	72.27 0.79 -0.01	87.20 -1.06 0.03	69.84 0.49 -0.01	57.66 1.13 0.00	49.10 1.52 0.00	41.47 0.77 0.00	37.90 0.34 0.00	32.65 -0.10 0.00
GE_PLASTICS___DRP 24183	29.31 0.55 0.00	27.56 0.49 0.00	27.42 0.46 0.00	26.51 0.37 0.00	27.05 0.37 0.00	27.93 0.57 0.00	31.81 0.53 0.00	32.58 0.48 0.00	34.39 0.57 0.00	35.77 0.49 0.00	38.24 0.45 0.00	40.86 0.49 0.06	43.83 0.56 0.00	47.26 0.88 0.00	49.99 1.22 0.10	61.06 1.62 0.72	72.12 1.86 1.22	89.44 2.38 1.24	70.71 1.87 0.51	57.88 1.36 0.00	48.67 1.09 0.00	41.42 0.73 0.00	38.31 0.75 0.00	33.50 0.75 0.00
GILBOA___1 23756	29.57 0.80 0.00	27.91 0.84 0.00	27.88 0.92 0.00	26.90 0.76 0.00	27.45 0.77 0.00	28.37 1.01 0.00	32.25 0.97 0.00	32.87 0.77 0.00	34.70 0.88 0.00	36.16 0.88 0.00	38.65 0.87 0.00	41.44 1.01 0.00	44.44 1.17 0.00	47.96 1.58 0.00	50.62 1.76 0.00	62.20 2.05 0.00	73.62 2.14 0.00	90.85 2.56 0.00	71.36 2.01 0.00	58.28 1.75 0.00	49.20 1.62 0.00	41.87 1.18 0.00	38.65 1.09 0.00	33.77 1.02 0.00
GILBOA___2 23757	29.57 0.80 0.00	27.91 0.84 0.00	27.88 0.92 0.00	26.90 0.76 0.00	27.45 0.77 0.00	28.37 1.01 0.00	32.25 0.97 0.00	32.87 0.77 0.00	34.70 0.88 0.00	36.16 0.88 0.00	38.65 0.87 0.00	41.44 1.01 0.00	44.44 1.17 0.00	47.96 1.58 0.00	50.62 1.76 0.00	62.20 2.05 0.00	73.62 2.14 0.00	90.85 2.56 0.00	71.36 2.01 0.00	58.28 1.75 0.00	49.20 1.62 0.00	41.87 1.18 0.00	38.65 1.09 0.00	33.77 1.02 0.00

GILBOA___3 23758	29.57 0.80 0.00	27.91 0.84 0.00	27.88 0.92 0.00	26.90 0.76 0.00	27.45 0.77 0.00	28.37 1.01 0.00	32.25 0.97 0.00	32.87 0.77 0.00	34.70 0.88 0.00	36.16 0.88 0.00	38.65 0.87 0.00	41.44 1.01 0.00	44.44 1.17 0.00	47.96 1.58 0.00	50.62 1.76 0.00	62.20 2.05 0.00	73.62 2.14 0.00	90.85 2.56 0.00	71.36 2.01 0.00	58.28 1.75 0.00	49.20 1.62 0.00	41.87 1.18 0.00	38.65 1.09 0.00	33.77 1.02 0.00
GILBOA___4 23759	29.57 0.80 0.00	27.91 0.84 0.00	27.88 0.92 0.00	26.90 0.76 0.00	27.45 0.77 0.00	28.37 1.01 0.00	32.25 0.97 0.00	32.87 0.77 0.00	34.70 0.88 0.00	36.16 0.88 0.00	38.65 0.87 0.00	41.44 1.01 0.00	44.44 1.17 0.00	47.96 1.58 0.00	50.62 1.76 0.00	62.20 2.05 0.00	73.62 2.14 0.00	90.85 2.56 0.00	71.36 2.01 0.00	58.28 1.75 0.00	49.20 1.62 0.00	41.87 1.18 0.00	38.65 1.09 0.00	33.77 1.02 0.00
GILBOA___ 23599	29.57 0.81 0.00	27.83 0.76 0.00	27.82 0.86 0.00	26.90 0.76 0.00	27.45 0.77 0.00	28.37 1.01 0.00	32.25 0.97 0.00	32.87 0.77 0.00	34.70 0.88 0.00	36.16 0.88 0.00	38.69 0.91 0.00	41.36 0.93 0.00	44.35 1.08 0.00	47.82 1.44 0.00	50.63 1.76 0.00	62.20 2.05 0.00	73.62 2.14 0.00	90.85 2.56 0.00	71.36 2.01 0.00	58.28 1.75 0.00	49.20 1.62 0.00	41.79 1.10 0.00	38.65 1.09 0.00	33.76 1.02 0.00
GINNA___ 23603	27.79 -0.98 0.00	26.07 -1.00 0.00	25.88 -1.08 0.00	24.78 -1.36 0.00	25.40 -1.28 0.00	26.24 -1.12 0.00	30.09 -1.19 0.00	31.33 -0.77 0.00	32.87 -0.95 0.00	34.36 -0.92 0.00	37.26 -0.53 0.00	39.74 -0.69 0.00	42.84 -0.43 0.00	45.73 -0.65 0.00	47.69 -1.17 0.00	57.99 -2.16 0.00	68.83 -2.64 0.00	84.63 -3.62 0.04	66.64 -2.71 0.00	54.77 -1.75 0.00	46.44 -1.14 0.00	39.39 -1.30 0.00	36.02 -1.54 0.00	31.11 -1.64 0.00
GLEN PARK___ 23778	28.73 -0.03 0.00	26.91 -0.16 0.00	26.80 -0.16 0.00	26.01 -0.13 0.00	26.57 -0.11 0.00	27.36 0.00 0.00	31.59 0.31 0.00	32.38 0.29 0.00	33.82 0.00 0.00	35.38 0.11 0.00	37.75 -0.04 0.00	40.35 -0.08 0.00	42.32 -0.95 0.00	45.23 -1.16 0.00	46.89 -1.61 0.37	55.54 -2.16 2.45	64.60 -2.43 4.45	63.69 -2.38 22.23	63.84 -1.46 4.05	54.04 -0.68 1.82	48.10 0.52 0.00	40.81 0.12 0.00	37.64 0.08 0.00	32.55 -0.20 0.00
GLENDALE_27_KV_LOAD 356172	31.19 2.42 -0.01	29.05 1.98 0.00	28.66 1.70 0.00	27.66 1.52 0.00	28.17 1.49 0.00	29.16 1.81 0.00	33.38 2.10 0.00	34.50 2.41 0.00	36.66 2.84 0.00	40.96 3.03 -2.65	41.07 3.29 0.00	44.03 3.52 -0.09	46.82 3.55 0.00	50.79 4.41 0.00	54.01 4.98 -0.15	67.96 8.08 -1.13	81.48 8.08 -1.92	100.21 9.98 -1.94	75.47 7.42 1.30	58.93 5.71 3.30	51.86 4.28 0.00	44.27 3.58 0.00	41.06 3.49 -0.01	35.93 3.18 -0.01
GLENWOOD_IC_1_G5 23712	31.32 2.56 0.00	29.18 2.11 0.00	28.82 1.86 0.00	27.87 1.73 0.00	28.39 1.71 0.00	29.47 2.11 0.00	33.56 2.28 0.00	34.73 2.63 0.00	37.51 2.87 -0.81	38.75 3.07 -0.41	40.96 3.17 0.00	43.99 3.48 -0.09	46.82 3.55 0.00	81.66 4.59 -30.69	124.06 5.33 -69.87	75.85 7.28 -8.41	187.86 8.79 -107.59	102.97 10.86 -3.82	175.80 8.18 -98.27	69.66 6.27 -6.86	54.60 4.76 -2.26	45.66 3.78 -1.18	40.94 3.38 0.00	36.66 3.34 -0.57
GLENWOOD_IC_2_G1 23688	31.24 2.47 0.00	29.21 2.14 0.00	28.85 1.89 0.00	27.74 1.59 0.00	28.28 1.60 0.00	29.38 2.02 0.00	33.41 2.13 0.00	34.63 2.54 0.00	37.47 2.84 -0.81	38.65 2.96 -0.41	40.51 2.72 0.00	43.99 3.48 -0.09	47.00 3.72 -0.01	109.23 4.82 -58.02	186.17 5.33 -131.97	75.93 7.15 -8.62	278.05 8.65 -197.93	104.46 10.68 -5.49	262.54 8.11 -185.08	69.60 6.22 -6.86	54.70 4.86 -2.26	46.01 3.82 -1.50	40.79 3.23 0.00	36.54 3.21 -0.57
GLENWOOD_IC_3_G1 23689	31.24 2.47 0.00	29.21 2.14 0.00	28.85 1.89 0.00	27.74 1.59 0.00	28.28 1.60 0.00	29.38 2.02 0.00	33.41 2.13 0.00	34.63 2.54 0.00	37.47 2.84 -0.81	38.65 2.96 -0.41	40.51 2.72 0.00	43.99 3.48 -0.09	47.00 3.72 -0.01	109.23 4.82 -58.02	186.17 5.33 -131.97	75.93 7.15 -8.62	278.05 8.65 -197.93	104.46 10.68 -5.49	262.54 8.11 -185.08	69.60 6.22 -6.86	54.70 4.86 -2.26	46.01 3.82 -1.50	40.79 3.23 0.00	36.54 3.21 -0.57
GLENWOOD___4 23550	31.32 2.56 0.00	29.18 2.11 0.00	28.82 1.86 0.00	27.87 1.73 0.00	28.39 1.71 0.00	29.47 2.11 0.00	33.56 2.28 0.00	34.73 2.63 0.00	37.54 2.91 -0.81	38.79 3.10 -0.41	41.03 3.25 0.00	44.03 3.52 -0.09	46.90 3.63 0.00	81.80 4.73 -30.69	124.21 5.47 -69.87	75.97 7.40 -8.41	188.00 8.93 -107.59	103.15 11.04 -3.82	175.94 8.32 -98.27	69.77 6.39 -6.86	54.74 4.90 -2.26	45.74 3.87 -1.18	40.94 3.38 0.00	36.66 3.34 -0.57
GLENWOOD___5 23614	31.32 2.56 0.00	29.18 2.11 0.00	28.82 1.86 0.00	27.87 1.73 0.00	28.39 1.71 0.00	29.47 2.11 0.00	33.56 2.28 0.00	34.73 2.63 0.00	37.54 2.91 -0.81	38.79 3.10 -0.41	41.03 3.25 0.00	44.03 3.52 -0.09	46.90 3.63 0.00	81.80 4.73 -30.69	124.21 5.47 -69.87	75.97 7.40 -8.41	188.00 8.93 -107.59	103.15 11.04 -3.82	175.94 8.32 -98.27	69.77 6.39 -6.86	54.74 4.90 -2.26	45.74 3.87 -1.18	40.94 3.38 0.00	36.66 3.34 -0.57
GLOBAL GREEN_PORT_GT1 23814	31.75 2.99 0.00	29.61 2.54 0.00	29.36 2.40 0.00	28.18 2.04 0.00	28.65 1.97 0.00	29.77 2.41 0.00	33.59 2.31 0.00	34.89 2.79 0.00	38.08 3.45 -0.81	39.35 3.67 -0.41	41.03 3.25 0.00	45.08 4.57 -0.09	47.14 3.85 -0.02	54.56 5.24 -2.94	61.46 5.76 -6.83	76.84 8.48 -8.20	98.03 10.65 -15.90	123.21 14.04 -20.87	91.98 12.48 -10.15	73.40 10.01 -6.87	57.99 8.13 -2.27	47.86 6.31 -0.87	41.95 4.39 0.00	37.81 4.49 -0.57
GLOBE___DSASP 323697	28.04 -0.72 0.00	26.07 -1.00 0.00	25.91 -1.05 0.00	24.83 -1.31 0.00	25.58 -1.09 0.00	26.51 -0.85 0.00	30.22 -1.06 0.00	31.42 -0.67 0.00	32.91 -0.91 0.00	34.43 -0.85 0.00	37.63 -0.15 0.00	39.94 -0.49 0.00	42.97 -0.30 0.00	46.34 -0.05 0.00	47.60 -1.27 0.00	57.09 -3.07 0.00	68.34 -3.15 0.00	83.23 -5.03 0.03	66.02 -3.33 0.00	54.72 -1.81 0.00	46.82 -0.76 0.00	39.59 -1.10 0.00	36.17 -1.39 0.00	31.14 -1.60 0.00
GOETHSLN___LBMP 323567	30.75 1.98 0.00	28.67 1.60 0.00	28.28 1.32 0.00	27.32 1.18 0.00	27.83 1.15 0.00	28.84 1.48 0.00	32.97 1.69 0.00	34.05 1.96 0.00	36.12 2.30 0.00	37.71 2.43 0.00	40.43 2.64 0.00	43.34 2.83 -0.09	43.35 2.94 2.86	43.60 3.80 6.59	44.88 4.54 8.53	49.34 6.08 16.89	62.78 7.36 16.06	81.43 9.09 15.96	58.92 6.80 17.23	45.21 5.03 16.35	43.57 3.71 7.72	43.30 2.81 0.20	40.41 2.85 0.00	35.37 2.62 0.00
GOLAH___69_KV_TB 1_2 80279	29.22 0.46 0.00	27.21 0.14 0.00	26.99 0.03 0.00	25.88 -0.26 0.00	26.60 -0.08 0.00	27.55 0.19 0.00	31.56 0.28 0.00	32.80 0.71 0.00	34.29 0.47 0.00	35.87 0.60 0.00	38.99 1.21 0.00	41.56 1.13 0.00	44.70 1.43 0.00	48.05 1.67 0.00	49.85 0.98 0.00	60.40 0.24 0.00	71.76 0.29 0.00	88.08 -0.18 0.04	69.63 0.28 0.00	57.37 0.85 0.00	48.91 1.33 0.00	41.42 0.73 0.00	37.94 0.38 0.00	32.75 0.00 0.00

GOODYEAR_LAKE_HYD 323669	30.43 1.67 0.00	28.48 1.41 0.00	28.34 1.38 0.00	27.40 1.25 0.00	27.99 1.31 0.00	28.92 1.56 0.00	33.16 1.88 0.00	33.77 1.67 0.00	35.48 1.66 0.00	37.04 1.76 0.00	39.67 1.89 0.00	42.49 2.06 0.00	45.52 2.25 0.00	49.03 2.64 0.00	51.70 2.83 0.00	63.58 3.43 0.00	75.48 4.00 0.00	93.33 5.03 0.00	73.51 4.16 0.00	60.37 3.84 0.00	50.81 3.24 0.00	43.01 2.32 0.00	39.66 2.10 0.00	34.52 1.77 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.51 0.75 0.00	27.56 0.49 0.00	27.39 0.43 0.00	26.43 0.29 0.00	27.02 0.35 0.00	27.96 0.60 0.00	32.06 0.78 0.00	33.22 1.12 0.00	34.83 1.01 0.00	36.44 1.16 0.00	39.18 1.40 0.00	41.88 1.46 0.00	44.87 1.60 0.00	48.42 2.04 0.00	50.77 1.91 0.00	62.20 2.05 0.00	73.98 2.50 0.00	90.84 2.56 0.01	71.78 2.43 0.00	58.62 2.09 0.00	49.39 1.81 0.00	41.83 1.14 0.00	38.50 0.94 0.00	33.40 0.65 0.00
GOUDEY___7 23579	29.51 0.75 0.00	27.56 0.49 0.00	27.39 0.43 0.00	26.43 0.29 0.00	27.02 0.35 0.00	27.96 0.60 0.00	32.06 0.78 0.00	33.22 1.12 0.00	34.83 1.01 0.00	36.44 1.16 0.00	39.18 1.40 0.00	41.88 1.46 0.00	44.87 1.60 0.00	48.42 2.04 0.00	50.77 1.91 0.00	62.20 2.05 0.00	73.98 2.50 0.00	90.84 2.56 0.01	71.78 2.43 0.00	58.62 2.09 0.00	49.39 1.81 0.00	41.83 1.14 0.00	38.50 0.94 0.00	33.40 0.65 0.00
GOUDEY___8 23580	29.51 0.75 0.00	27.56 0.49 0.00	27.39 0.43 0.00	26.43 0.29 0.00	27.02 0.35 0.00	27.96 0.60 0.00	32.06 0.78 0.00	33.22 1.12 0.00	34.83 1.01 0.00	36.44 1.16 0.00	39.18 1.40 0.00	41.88 1.46 0.00	44.87 1.60 0.00	48.42 2.04 0.00	50.77 1.91 0.00	62.20 2.05 0.00	73.98 2.50 0.00	90.84 2.56 0.01	71.78 2.43 0.00	58.62 2.09 0.00	49.39 1.81 0.00	41.83 1.14 0.00	38.50 0.94 0.00	33.40 0.65 0.00
GOWANUS_GT1_1 24077	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.85 5.65 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT1_2 24078	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.85 5.65 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT1_3 24079	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.85 5.65 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT1_4 24080	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.85 5.65 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT1_5 24084	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.85 5.65 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT1_6 24111	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.85 5.65 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT1_7 24112	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.85 5.65 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT1_8 24113	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.85 5.65 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT2_1 24114	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT2_2 24115	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT2_3 24116	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76

GOWANUS_GT2_4 24117	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT2_5 24118	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT2_6 24119	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT2_7 24120	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT2_8 24121	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT3_1 24122	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT3_2 24123	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT3_3 24124	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT3_4 24125	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT3_5 24126	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT3_6 24127	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT3_7 24128	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT3_8 24129	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT4_1 24130	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.79 5.60 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT4_2 24131	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.79 5.60 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76

GOWANUS_GT4_3 24132	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.79 5.60 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT4_4 24133	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.79 5.60 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT4_5 24134	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.79 5.60 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT4_6 24135	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.79 5.60 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT4_7 24136	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.79 5.60 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GOWANUS_GT4_8 24137	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.70 7.86 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.79 5.60 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GREENBSH_115KV_TB3 55895	29.14 0.37 0.00	27.42 0.35 0.00	27.23 0.27 0.00	26.35 0.21 0.00	26.86 0.19 0.00	27.77 0.41 0.00	31.62 0.34 0.00	32.39 0.29 0.00	34.22 0.41 0.00	35.56 0.28 0.00	37.97 0.19 0.00	40.59 0.24 0.08	43.62 0.35 0.00	47.03 0.65 0.00	49.70 0.98 0.14	60.44 1.32 1.03	71.22 1.50 1.76	88.54 2.03 1.78	70.13 1.53 0.74	57.60 1.07 0.00	48.44 0.86 0.00	41.18 0.49 0.00	38.12 0.56 0.00	33.34 0.59 0.00
GREENIDGE_115KV_TB5 80291	29.54 0.78 0.00	27.53 0.46 0.00	27.31 0.35 0.00	26.27 0.13 0.00	26.92 0.24 0.00	27.91 0.55 0.00	32.16 0.88 0.00	33.48 1.38 0.00	35.00 1.18 0.00	36.58 1.31 0.00	39.14 1.36 0.00	41.84 1.41 0.00	44.87 1.60 0.00	48.38 1.99 0.00	50.48 1.61 0.00	61.48 1.32 0.00	73.48 2.00 0.00	89.95 1.68 0.02	71.64 2.29 0.00	58.79 2.26 0.00	49.72 2.14 0.00	41.99 1.30 0.00	38.50 0.94 0.00	33.44 0.69 0.00
GREENIDGE___3 23582	29.54 0.78 0.00	27.53 0.46 0.00	27.31 0.35 0.00	26.27 0.13 0.00	26.92 0.24 0.00	27.91 0.55 0.00	32.16 0.88 0.00	33.48 1.38 0.00	35.00 1.18 0.00	36.58 1.31 0.00	39.14 1.36 0.00	41.84 1.41 0.00	44.87 1.60 0.00	48.38 1.99 0.00	50.48 1.61 0.00	61.48 1.32 0.00	73.48 2.00 0.00	89.95 1.68 0.02	71.64 2.29 0.00	58.79 2.26 0.00	49.72 2.14 0.00	41.99 1.30 0.00	38.50 0.94 0.00	33.44 0.69 0.00
GREENIDGE___4 23583	29.54 0.78 0.00	27.69 0.62 0.00	27.47 0.51 0.00	26.30 0.16 0.00	26.92 0.24 0.00	27.91 0.55 0.00	32.19 0.91 0.00	33.48 1.38 0.00	35.00 1.18 0.00	36.62 1.34 0.00	39.18 1.40 0.00	41.92 1.50 0.00	45.09 1.82 0.00	48.38 1.99 0.00	50.48 1.61 0.00	61.48 1.32 0.00	73.48 2.00 0.00	89.95 1.67 0.02	71.63 2.29 0.00	58.85 2.32 0.00	49.67 2.09 0.00	42.03 1.34 0.00	38.46 0.90 0.00	33.44 0.69 0.00
GREENLWN_69_KV_BK 3 55738	31.09 2.33 0.00	28.97 1.89 0.00	28.63 1.67 0.00	27.68 1.54 0.00	28.20 1.52 0.00	29.25 1.89 0.00	33.31 2.03 0.00	34.47 2.38 0.00	37.30 2.67 -0.81	38.44 2.75 -0.41	40.24 2.46 0.00	43.14 2.63 -0.09	46.12 2.86 0.00	53.99 3.90 -3.71	62.09 4.64 -8.58	74.86 6.50 -8.21	97.84 7.93 -18.43	79.90 9.89 18.28	89.28 7.35 -12.58	68.92 5.54 -6.85	53.98 4.14 -2.26	44.65 3.09 -0.87	40.04 2.48 0.00	36.01 2.69 -0.57
GREENWD_138_KV_38B11_REV_LBMP_J 345004	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.85 5.65 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
GRISSOM___SOLAR 323813	31.15 2.39 0.00	29.32 2.25 0.00	29.04 2.08 0.00	28.08 1.93 0.00	28.68 2.00 0.00	29.66 2.30 0.00	33.97 2.69 0.00	34.63 2.54 0.00	36.25 2.44 0.00	37.53 2.26 0.00	40.09 2.31 0.00	43.08 2.71 0.06	46.38 3.12 0.01	49.91 3.52 0.00	52.48 3.71 0.10	64.17 4.75 0.73	75.95 5.72 1.24	94.89 7.86 1.26	75.42 6.59 0.52	61.84 5.31 0.00	52.24 4.67 0.00	44.43 3.74 0.00	40.72 3.16 0.00	35.40 2.65 0.00
GROVEVILLE___HYD 323602	30.75 1.98 0.00	28.72 1.65 0.00	28.42 1.46 0.00	27.47 1.33 0.00	27.99 1.31 0.00	28.97 1.61 0.00	33.03 1.75 0.00	33.93 1.83 0.00	35.92 2.10 0.00	37.43 2.15 0.00	40.13 2.34 0.00	43.00 2.51 -0.07	46.17 2.90 0.00	50.05 3.66 0.00	53.39 4.40 -0.12	67.00 5.96 -0.89	80.29 7.29 -1.52	98.84 9.01 -1.54	76.92 6.93 -0.64	61.78 5.26 0.00	51.58 4.00 0.00	43.54 2.85 0.00	40.26 2.70 0.00	35.21 2.46 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.96 0.20 0.00	27.12 0.05 0.00	26.96 0.00 0.00	26.04 -0.10 0.00	26.60 -0.08 0.00	27.44 0.08 0.00	31.47 0.19 0.00	32.48 0.39 0.00	34.09 0.27 0.00	35.59 0.32 0.00	38.20 0.42 0.00	40.87 0.44 0.00	43.49 0.22 0.00	46.71 0.32 0.00	49.03 0.20 0.03	60.09 0.00 0.06	71.66 0.36 0.18	88.39 0.26 0.17	69.45 0.28 0.18	56.92 0.40 0.00	48.01 0.43 0.00	40.81 0.12 0.00	37.86 0.30 0.00	32.85 0.10 0.00

HAMLTNNY_34_KV_TB 80303	28.94 0.17 0.00	27.10 0.03 0.00	26.93 -0.03 0.00	26.01 -0.13 0.00	26.57 -0.11 0.00	27.41 0.05 0.00	31.47 0.19 0.00	32.51 0.42 0.00	34.12 0.30 0.00	35.63 0.35 0.00	38.28 0.49 0.00	40.95 0.53 0.00	43.75 0.48 0.00	46.99 0.60 0.00	49.33 0.49 0.03	60.40 0.30 0.06	72.25 0.93 0.16	89.03 0.88 0.15	70.02 0.83 0.16	57.43 0.90 0.00	48.44 0.86 0.00	41.14 0.45 0.00	37.94 0.38 0.00	32.91 0.16 0.00
HAMPSHIRE___PAPER_HYD 323593	27.87 -0.89 0.00	26.18 -0.89 0.00	26.15 -0.81 0.00	25.54 -0.60 0.00	26.09 -0.59 0.00	26.56 -0.79 0.00	30.62 -0.66 0.00	31.33 -0.77 0.00	32.87 -0.95 0.00	34.36 -0.92 0.00	36.69 -1.10 0.00	39.17 -1.25 0.00	41.19 -2.08 0.00	43.60 -2.78 0.00	44.87 -3.03 0.97	49.58 -3.79 6.79	54.77 -4.50 12.20	48.30 -5.21 34.78	54.31 -3.95 11.09	48.34 -3.05 5.13	45.62 -1.95 0.00	39.31 -1.38 0.00	36.32 -1.24 0.00	31.54 -1.21 0.00
HARDSCRABBLE_WT_PWR 323673	28.65 -0.11 0.00	26.91 -0.16 0.00	26.77 -0.19 0.00	25.88 -0.26 0.00	26.41 -0.27 0.00	27.20 -0.16 0.00	31.09 -0.19 0.00	31.91 -0.19 0.00	33.58 -0.24 0.00	35.06 -0.21 0.00	37.56 -0.23 0.00	40.19 -0.24 0.00	42.97 -0.30 0.00	46.20 -0.18 0.00	48.65 -0.19 0.02	60.33 -0.24 -0.42	71.50 -0.50 -0.52	90.81 -0.44 -2.95	69.49 -0.28 -0.42	56.73 -0.28 -0.48	47.48 -0.09 0.00	40.45 -0.24 0.00	37.30 -0.26 0.00	32.52 -0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.58 1.81 0.00	28.56 1.49 0.00	28.23 1.27 0.00	27.29 1.15 0.00	27.80 1.12 0.00	28.78 1.42 0.00	32.84 1.56 0.00	33.77 1.67 0.00	35.68 1.86 0.00	37.25 1.98 0.00	39.90 2.12 0.00	42.85 2.34 -0.07	45.95 2.68 0.00	49.77 3.39 0.00	53.10 4.10 -0.13	66.65 5.53 -0.96	79.90 6.79 -1.63	98.33 8.39 -1.65	76.42 6.38 -0.69	61.33 4.80 0.00	51.19 3.62 0.00	43.26 2.56 0.00	40.00 2.44 0.00	35.01 2.26 0.00
HARSNRAD_115KV_TB1 81005	28.65 -0.12 0.00	26.58 -0.49 0.00	26.42 -0.54 0.00	25.30 -0.84 0.00	26.09 -0.59 0.00	27.03 -0.33 0.00	30.87 -0.41 0.00	32.06 -0.03 0.00	33.55 -0.27 0.00	35.10 -0.18 0.00	38.24 0.45 0.00	40.59 0.16 0.00	43.70 0.43 0.00	47.17 0.79 0.00	48.48 -0.39 0.00	58.11 -2.05 0.00	69.48 -2.00 0.00	84.37 -3.88 0.03	67.20 -2.15 0.00	55.62 -0.90 0.00	47.58 0.00 0.00	40.24 -0.45 0.00	36.85 -0.71 0.00	31.83 -0.92 0.00
HARZA MOOSE___RIVER 24016	29.02 0.26 0.00	27.15 0.08 0.00	27.04 0.08 0.00	26.27 0.13 0.00	26.84 0.16 0.00	27.63 0.27 0.00	31.90 0.63 0.00	32.77 0.67 0.00	34.36 0.54 0.00	35.91 0.63 0.00	38.35 0.57 0.00	40.99 0.57 0.00	43.53 0.26 0.00	46.71 0.32 0.00	48.70 0.10 0.27	58.68 0.06 1.54	68.73 0.14 2.89	99.39 0.53 -10.56	67.25 0.55 2.66	56.02 0.57 1.07	48.48 0.90 0.00	41.26 0.57 0.00	38.05 0.49 0.00	33.01 0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.85 0.09 0.00	27.02 -0.05 0.00	26.85 -0.11 0.00	25.93 -0.21 0.00	26.49 -0.19 0.00	27.36 0.00 0.00	31.37 0.09 0.00	32.39 0.29 0.00	34.02 0.20 0.00	35.56 0.28 0.00	38.12 0.34 0.00	40.79 0.36 0.00	43.66 0.39 0.00	46.99 0.60 0.00	49.27 0.44 0.04	60.45 0.36 0.07	71.64 0.36 0.20	88.36 0.26 0.20	69.43 0.28 0.19	56.87 0.34 0.00	47.96 0.38 0.00	40.73 0.04 0.00	37.56 0.00 0.00	32.65 -0.10 0.00
HELLGATE_13_KV_LD 55870	31.04 2.27 -0.01	28.91 1.84 0.00	28.53 1.56 0.00	27.53 1.39 0.00	28.04 1.36 0.00	29.03 1.67 0.00	33.16 1.88 0.00	34.28 2.18 0.00	36.39 2.57 0.00	40.68 2.75 -2.65	40.81 3.02 0.00	43.71 3.19 -0.09	46.43 3.16 0.00	50.33 3.94 0.00	53.52 4.50 -0.15	67.36 6.08 -1.13	80.76 7.36 -1.92	99.33 9.09 -1.94	75.26 6.73 0.82	59.12 5.14 2.55	51.39 3.81 0.00	43.95 3.26 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.04 2.27 -0.01	28.91 1.84 0.00	28.53 1.56 0.00	27.53 1.39 0.00	28.04 1.36 0.00	29.03 1.67 0.00	33.16 1.88 0.00	34.28 2.18 0.00	36.39 2.57 0.00	40.68 2.75 -2.65	40.81 3.02 0.00	43.71 3.19 -0.09	46.43 3.16 0.00	50.33 3.94 0.00	53.52 4.50 -0.15	67.36 6.08 -1.13	80.76 7.36 -1.92	99.33 9.09 -1.94	75.26 6.73 0.82	59.12 5.14 2.55	51.39 3.81 0.00	43.95 3.26 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
HEMPSTEAD____ 23647	31.15 2.39 0.00	29.13 2.06 0.00	28.80 1.83 0.00	27.68 1.54 0.00	28.22 1.55 0.00	29.33 1.97 0.00	33.31 2.03 0.00	34.53 2.44 0.00	37.41 2.77 -0.81	38.54 2.86 -0.41	40.32 2.53 0.00	43.87 3.35 -0.09	46.79 3.50 -0.01	69.40 4.59 -18.42	95.95 5.08 -42.00	75.45 6.97 -8.32	146.96 8.43 -67.05	101.78 10.41 -3.07	136.49 7.83 -59.31	69.37 5.99 -6.86	54.51 4.67 -2.26	45.43 3.70 -1.04	40.64 3.08 0.00	36.47 3.14 -0.57
HEWLETT_69_KV_BK3 55828	31.44 2.67 0.00	29.29 2.22 0.00	28.93 1.97 0.00	27.97 1.83 0.00	28.49 1.81 0.00	29.55 2.19 0.00	33.66 2.38 0.00	34.82 2.73 0.00	37.74 3.11 -0.81	39.00 3.32 -0.41	41.26 3.48 0.00	44.23 3.72 -0.09	47.21 3.94 0.00	61.99 5.06 -10.55	78.76 5.77 -24.13	76.18 7.76 -8.26	121.75 9.22 -41.05	102.27 11.39 -2.59	112.34 8.67 -34.32	70.34 6.95 -6.86	55.22 5.38 -2.26	45.79 4.15 -0.95	41.17 3.61 0.00	36.83 3.50 -0.57
HICKLING___1 23621	29.71 0.95 0.00	27.61 0.54 0.00	27.39 0.43 0.00	26.35 0.21 0.00	27.02 0.35 0.00	28.02 0.66 0.00	32.25 0.97 0.00	33.57 1.48 0.00	35.10 1.29 0.00	36.76 1.48 0.00	39.71 1.93 0.00	42.41 1.98 0.00	45.52 2.25 0.00	49.17 2.78 0.00	51.31 2.44 0.00	62.44 2.29 0.00	74.70 3.22 0.00	91.10 2.83 0.02	72.40 3.05 0.00	59.47 2.94 0.00	50.20 2.62 0.00	42.40 1.71 0.00	38.87 1.31 0.00	33.54 0.79 0.00
HICKLING___2 23622	29.71 0.95 0.00	27.61 0.54 0.00	27.39 0.43 0.00	26.35 0.21 0.00	27.02 0.35 0.00	28.02 0.66 0.00	32.25 0.97 0.00	33.57 1.48 0.00	35.10 1.29 0.00	36.76 1.48 0.00	39.71 1.93 0.00	42.41 1.98 0.00	45.52 2.25 0.00	49.17 2.78 0.00	51.31 2.44 0.00	62.44 2.29 0.00	74.70 3.22 0.00	91.10 2.83 0.02	72.40 3.05 0.00	59.47 2.94 0.00	50.20 2.62 0.00	42.40 1.71 0.00	38.87 1.31 0.00	33.54 0.79 0.00
HIGH FALLS___HY 23754	30.78 2.01 0.00	28.72 1.65 0.00	28.42 1.46 0.00	27.47 1.33 0.00	27.99 1.31 0.00	28.95 1.59 0.00	33.00 1.72 0.00	33.93 1.83 0.00	35.85 2.03 0.00	37.43 2.15 0.00	40.09 2.30 0.00	42.94 2.47 -0.04	46.13 2.86 0.00	50.00 3.62 0.00	53.39 4.45 -0.07	66.71 6.02 -0.54	79.83 7.43 -0.92	98.50 9.27 -0.93	76.88 7.14 -0.39	61.90 5.37 0.00	51.67 4.09 0.00	43.54 2.85 0.00	40.30 2.74 0.00	35.21 2.46 0.00
HIGH_RIVER___SOLAR 323847	30.32 1.55 0.00	28.53 1.46 0.00	28.31 1.35 0.00	27.37 1.23 0.00	27.93 1.25 0.00	28.83 1.48 0.00	32.94 1.66 0.00	33.67 1.57 0.00	35.27 1.45 0.00	36.54 1.27 0.00	38.96 1.17 0.00	41.82 1.45 0.06	44.95 1.69 0.01	48.42 2.04 0.00	51.01 2.25 0.11	62.38 3.01 0.79	73.78 3.64 1.34	92.15 5.21 1.35	73.16 4.37 0.56	60.03 3.51 0.00	50.63 3.05 0.00	43.09 2.40 0.00	39.62 2.06 0.00	34.55 1.80 0.00

HILLBURN___GT 23639	30.55 1.78 0.00	28.64 1.57 0.00	28.26 1.29 0.00	27.24 1.10 0.00	27.77 1.09 0.00	28.75 1.39 0.00	32.81 1.53 0.00	33.80 1.70 0.00	35.75 1.93 0.00	37.28 2.01 0.00	39.86 2.08 0.00	42.97 2.47 -0.08	46.05 2.77 -0.01	50.00 3.62 0.00	53.06 4.05 -0.14	66.68 5.53 -1.00	79.89 6.72 -1.70	98.40 8.39 -1.72	76.37 6.31 -0.71	61.22 4.69 0.00	51.10 3.52 0.00	43.38 2.69 0.00	40.00 2.44 0.00	35.04 2.29 0.00
HILLSIDE_115KV_TB1 80332	29.31 0.55 0.00	27.26 0.19 0.00	27.07 0.11 0.00	26.04 -0.10 0.00	26.70 0.03 0.00	27.66 0.30 0.00	31.81 0.53 0.00	33.03 0.93 0.00	34.60 0.78 0.00	36.19 0.92 0.00	39.07 1.28 0.00	41.76 1.33 0.00	44.83 1.56 0.00	48.42 2.04 0.00	50.58 1.71 0.00	61.66 1.50 0.00	73.62 2.14 0.00	89.87 1.59 0.02	71.43 2.08 0.00	58.56 2.03 0.00	49.39 1.81 0.00	41.75 1.06 0.00	38.31 0.75 0.00	33.11 0.36 0.00
HISHELDN_WT_PWR 323625	28.97 0.20 0.00	27.15 0.08 0.00	26.93 -0.03 0.00	25.64 -0.50 0.00	26.39 -0.29 0.00	27.36 0.00 0.00	31.41 0.13 0.00	32.64 0.55 0.00	34.23 0.41 0.00	35.94 0.67 0.00	39.11 1.32 0.00	41.64 1.21 0.00	45.04 1.77 0.00	48.24 1.86 0.00	49.85 0.98 -0.01	60.04 -0.12 -0.01	71.92 0.43 0.03	87.11 -1.15 0.03	69.56 0.21 -0.01	57.49 0.96 0.00	48.72 1.14 0.00	41.30 0.61 0.00	37.71 0.15 0.00	32.55 -0.20 0.00
HOLTSVILLE_IC_1 23690	31.12 2.36 0.00	29.07 2.00 0.00	28.80 1.83 0.00	27.66 1.52 0.00	28.14 1.47 0.00	29.30 1.94 0.00	33.19 1.91 0.00	34.47 2.38 0.00	37.37 2.74 -0.81	38.47 2.79 -0.41	39.75 1.96 0.00	43.39 2.87 -0.09	46.44 3.16 -0.02	53.54 4.26 -2.89	60.33 4.74 -6.72	75.21 6.86 -8.20	95.65 8.43 -15.74	116.87 10.50 -18.08	87.32 7.97 -10.00	69.45 6.05 -6.87	54.61 4.76 -2.27	45.26 3.70 -0.86	40.27 2.71 0.00	36.47 3.14 -0.57
HOLTSVILLE_IC_10 23699	31.26 2.50 0.00	29.21 2.14 0.00	28.93 1.97 0.00	27.76 1.62 0.00	28.28 1.60 0.00	29.44 2.08 0.00	33.34 2.06 0.00	34.67 2.57 -0.81	37.61 2.98 -0.41	38.72 3.03 0.00	40.05 2.27 0.00	43.75 3.24 -0.09	46.88 3.59 -0.02	54.23 4.73 -3.11	61.36 5.28 -7.21	75.88 7.52 -8.21	97.23 9.29 -16.46	129.23 11.56 -29.38	88.78 8.74 -10.69	70.06 6.67 -6.87	55.14 5.28 -2.28	45.67 4.11 -0.87	40.57 3.01 0.00	36.73 3.41 -0.57
HOLTSVILLE_IC_2 23691	31.12 2.36 0.00	29.07 2.00 0.00	28.80 1.83 0.00	27.66 1.52 0.00	28.14 1.47 0.00	29.30 1.94 0.00	33.19 1.91 0.00	34.47 2.38 0.00	37.37 2.74 -0.81	38.47 2.79 -0.41	39.75 1.96 0.00	43.39 2.87 -0.09	46.44 3.16 -0.02	53.54 4.26 -2.89	60.33 4.74 -6.72	75.21 6.86 -8.20	95.65 8.43 -15.74	116.87 10.50 -18.08	87.32 7.97 -10.00	69.45 6.05 -6.87	54.61 4.76 -2.27	45.26 3.70 -0.86	40.27 2.71 0.00	36.47 3.14 -0.57
HOLTSVILLE_IC_3 23692	31.12 2.36 0.00	29.07 2.00 0.00	28.80 1.83 0.00	27.66 1.52 0.00	28.14 1.47 0.00	29.30 1.94 0.00	33.19 1.91 0.00	34.47 2.38 0.00	37.37 2.74 -0.81	38.47 2.79 -0.41	39.75 1.96 0.00	43.39 2.87 -0.09	46.44 3.16 -0.02	53.54 4.26 -2.89	60.33 4.74 -6.72	75.21 6.86 -8.20	95.65 8.43 -15.74	116.87 10.50 -18.08	87.32 7.97 -10.00	69.45 6.05 -6.87	54.61 4.76 -2.27	45.26 3.70 -0.86	40.27 2.71 0.00	36.47 3.14 -0.57
HOLTSVILLE_IC_4 23693	31.12 2.36 0.00	29.07 2.00 0.00	28.80 1.83 0.00	27.66 1.52 0.00	28.14 1.47 0.00	29.30 1.94 0.00	33.19 1.91 0.00	34.47 2.38 0.00	37.37 2.74 -0.81	38.47 2.79 -0.41	39.75 1.96 0.00	43.39 2.87 -0.09	46.44 3.16 -0.02	53.54 4.26 -2.89	60.33 4.74 -6.72	75.21 6.86 -8.20	95.65 8.43 -15.74	116.87 10.50 -18.08	87.32 7.97 -10.00	69.45 6.05 -6.87	54.61 4.76 -2.27	45.26 3.70 -0.86	40.27 2.71 0.00	36.47 3.14 -0.57
HOLTSVILLE_IC_5 23694	31.12 2.36 0.00	29.07 2.00 0.00	28.80 1.83 0.00	27.66 1.52 0.00	28.14 1.47 0.00	29.30 1.94 0.00	33.19 1.91 0.00	34.47 2.38 0.00	37.37 2.74 -0.81	38.47 2.79 -0.41	39.75 1.96 0.00	43.39 2.87 -0.09	46.44 3.16 -0.02	53.54 4.26 -2.89	60.33 4.74 -6.72	75.21 6.86 -8.20	95.65 8.43 -15.74	116.87 10.50 -18.08	87.32 7.97 -10.00	69.45 6.05 -6.87	54.61 4.76 -2.27	45.26 3.70 -0.86	40.27 2.71 0.00	36.47 3.14 -0.57
HOLTSVILLE_IC_6 23695	31.26 2.50 0.00	29.21 2.14 0.00	28.93 1.97 0.00	27.76 1.62 0.00	28.28 1.60 0.00	29.44 2.08 0.00	33.34 2.06 0.00	34.67 2.57 -0.81	37.61 2.98 -0.41	38.72 3.03 0.00	40.05 2.27 0.00	43.75 3.24 -0.09	46.88 3.59 -0.02	54.23 4.73 -3.11	61.36 5.28 -7.21	75.88 7.52 -8.21	97.23 9.29 -16.46	129.23 11.56 -29.38	88.78 8.74 -10.69	70.06 6.67 -6.87	55.14 5.28 -2.28	45.67 4.11 -0.87	40.57 3.01 0.00	36.73 3.41 -0.57
HOLTSVILLE_IC_7 23696	31.26 2.50 0.00	29.21 2.14 0.00	28.93 1.97 0.00	27.76 1.62 0.00	28.28 1.60 0.00	29.44 2.08 0.00	33.34 2.06 0.00	34.67 2.57 0.00	37.61 2.98 -0.81	38.72 3.03 -0.41	40.05 2.27 0.00	43.75 3.24 -0.09	46.88 3.59 -0.02	54.23 4.73 -3.11	61.36 5.28 -7.21	75.88 7.52 -8.21	97.23 9.29 -16.46	129.23 11.56 -29.38	88.78 8.74 -10.69	70.06 6.67 -6.87	55.14 5.28 -2.28	45.67 4.11 -0.87	40.57 3.01 0.00	36.73 3.41 -0.57
HOLTSVILLE_IC_8 23697	31.26 2.50 0.00	29.21 2.14 0.00	28.93 1.97 0.00	27.76 1.62 0.00	28.28 1.60 0.00	29.44 2.08 0.00	33.34 2.06 0.00	34.67 2.57 0.00	37.61 2.98 -0.81	38.72 3.03 -0.41	40.05 2.27 0.00	43.75 3.24 -0.09	46.88 3.59 -0.02	54.23 4.73 -3.11	61.36 5.28 -7.21	75.88 7.52 -8.21	97.23 9.29 -16.46	129.23 11.56 -29.38	88.78 8.74 -10.69	70.06 6.67 -6.87	55.14 5.28 -2.28	45.67 4.11 -0.87	40.57 3.01 0.00	36.73 3.41 -0.57
HOLTSVILLE_IC_9 23698	31.26 2.50 0.00	29.21 2.14 0.00	28.93 1.97 0.00	27.76 1.62 0.00	28.28 1.60 0.00	29.44 2.08 0.00	33.34 2.06 0.00	34.67 2.57 0.00	37.61 2.98 -0.81	38.72 3.03 -0.41	40.05 2.27 0.00	43.75 3.24 -0.09	46.88 3.59 -0.02	54.23 4.73 -3.11	61.36 5.28 -7.21	75.88 7.52 -8.21	97.23 9.29 -16.46	129.23 11.56 -29.38	88.78 8.74 -10.69	70.06 6.67 -6.87	55.14 5.28 -2.28	45.67 4.11 -0.87	40.57 3.01 0.00	36.73 3.41 -0.57
HOMER_HL_115KV_TB2 355744	29.71 0.95 0.00	27.48 0.41 0.00	27.26 0.30 0.00	26.14 0.00 0.00	26.89 0.21 0.00	27.91 0.55 0.00	32.16 0.88 0.00	33.54 1.44 0.00	35.07 1.25 0.00	36.72 1.45 0.00	40.05 2.27 0.00	42.25 1.82 0.00	45.43 2.16 0.00	49.31 2.92 0.00	51.02 2.15 -0.01	61.36 1.20 -0.01	73.84 2.36 -0.01	88.00 -0.26 0.03	71.57 2.22 -0.01	58.96 2.43 0.00	49.86 2.28 0.00	42.03 1.34 0.00	38.76 1.20 0.00	33.40 0.65 0.00
HOWARD_WT_PWR 323690	29.54 0.78 0.00	27.91 0.84 0.00	27.64 0.67 0.00	26.30 0.16 0.00	26.79 0.11 0.00	27.60 0.25 0.00	32.03 0.75 0.00	34.09 1.99 0.00	35.98 2.17 0.00	38.03 2.75 0.00	41.30 3.51 0.00	44.07 3.64 0.00	47.38 4.11 0.00	50.70 4.31 0.00	52.73 3.86 0.00	62.99 2.83 0.00	75.55 4.07 0.00	93.12 4.85 0.02	75.10 5.75 0.00	62.46 5.93 0.00	52.67 5.09 0.00	44.52 3.82 0.00	40.75 3.19 0.00	34.98 2.23 0.00

HQ_GEN_CEDARS 23644	28.04 -0.72 0.00	26.64 -0.43 0.00	26.64 -0.32 0.00	26.01 -0.13 0.00	26.52 -0.16 0.00	26.81 -0.55 0.00	30.72 -0.56 0.00	31.36 -0.74 0.00	32.97 -0.85 0.00	34.50 -0.78 0.00	36.92 -0.87 0.00	39.54 -0.89 0.00	42.15 -1.13 0.00	44.48 -1.90 0.00	44.06 -2.83 1.97	44.00 -3.55 12.60	44.06 -4.29 23.13	44.06 -5.21 39.02	44.06 -4.16 21.13	44.06 -3.28 9.19	44.81 -2.76 0.01	39.59 -1.10 0.00	36.40 -1.16 0.00	31.73 -1.02 0.00
HQ_GEN_CEDARS_PROXY 323590	28.05 -0.72 0.00	26.50 -0.57 0.00	26.53 -0.43 0.00	26.01 -0.13 0.00	26.52 -0.16 0.00	26.81 -0.55 0.00	30.72 -0.56 0.00	31.36 -0.74 0.00	32.97 -0.84 0.00	34.50 -0.78 0.00	36.92 -0.87 0.00	39.34 -1.09 0.00	41.75 -1.52 0.00	43.65 -2.74 0.00	44.06 -2.84 1.97	44.06 -3.49 12.60	44.06 -4.29 23.13	44.06 -5.21 39.02	44.06 -4.16 21.13	44.06 -3.28 9.19	44.86 -2.71 0.01	40.77 -1.34 -1.42	34.97 -1.16 1.42	31.73 -1.02 0.00
HQ_GEN_IMPORT 323601	28.25 -0.52 0.00	26.61 -0.46 0.00	26.61 -0.35 0.00	26.01 -0.13 0.00	26.61 -0.16 -0.09	26.83 -0.44 0.09	30.81 -0.47 0.00	31.55 -0.55 0.00	33.24 -0.58 0.00	34.71 -0.57 0.00	37.14 -0.64 0.00	39.70 -0.73 0.00	42.36 -0.91 0.00	45.04 -1.35 0.00	47.53 -1.37 -0.03	56.42 -1.68 2.05	66.63 -2.08 2.77	78.95 -2.47 6.87	65.11 -1.94 2.30	52.73 -1.58 2.21	46.25 -1.33 0.00	41.30 -0.81 -1.42	35.42 -0.71 1.42	32.13 -0.62 0.00
HQ_GEN_WHEEL 23651	28.25 -0.52 0.00	26.61 -0.46 0.00	26.61 -0.35 0.00	26.01 -0.13 0.00	26.61 -0.16 -0.09	26.83 -0.44 0.09	30.81 -0.47 0.00	31.55 -0.55 0.00	33.24 -0.58 0.00	34.71 -0.57 0.00	37.14 -0.64 0.00	39.70 -0.73 0.00	42.36 -0.91 0.00	45.04 -1.35 0.00	47.53 -1.37 -0.03	56.42 -1.68 2.05	66.63 -2.08 2.77	78.95 -2.47 6.87	65.11 -1.94 2.30	52.73 -1.58 2.21	46.25 -1.33 0.00	41.30 -0.81 -1.42	35.42 -0.71 1.42	32.13 -0.62 0.00
HUDSON AVE_GT_3 23810	30.95 2.19 0.00	28.83 1.76 0.00	28.44 1.48 0.00	27.47 1.33 0.00	27.99 1.31 0.00	29.00 1.64 0.00	33.16 1.88 0.00	34.25 2.15 0.00	36.35 2.54 0.00	37.99 2.72 0.00	40.73 2.95 0.00	43.67 3.15 -0.09	46.56 3.29 0.00	50.56 4.17 0.00	53.96 4.94 -0.15	67.84 6.56 -1.13	81.33 7.93 -1.92	100.13 9.89 -1.95	77.51 7.35 -0.81	62.07 5.54 0.00	51.72 4.14 0.00	43.83 3.13 0.00	40.72 3.16 0.00	35.63 2.88 0.00
HUDSON AVE_GT_4 23540	30.95 2.19 0.00	28.83 1.76 0.00	28.44 1.48 0.00	27.47 1.33 0.00	27.99 1.31 0.00	29.00 1.64 0.00	33.16 1.88 0.00	34.25 2.15 0.00	36.35 2.54 0.00	37.99 2.72 0.00	40.73 2.95 -0.09	43.67 3.15 0.00	46.56 3.29 0.00	50.56 4.17 0.00	53.96 4.94 -0.15	67.84 6.56 -1.13	81.33 7.93 -1.92	100.13 9.89 -1.95	77.51 7.35 -0.81	62.07 5.54 0.00	51.72 4.14 0.00	43.83 3.13 0.00	40.72 3.16 0.00	35.63 2.88 0.00
HUDSON AVE_GT_5 23657	30.95 2.19 0.00	28.83 1.76 0.00	28.44 1.48 0.00	27.47 1.33 0.00	27.99 1.31 0.00	29.00 1.64 0.00	33.16 1.88 0.00	34.25 2.15 0.00	36.35 2.54 0.00	37.99 2.72 0.00	40.73 2.95 -0.09	43.67 3.15 0.00	46.56 3.29 0.00	50.56 4.17 0.00	53.96 4.94 -0.15	67.84 6.56 -1.13	81.33 7.93 -1.92	100.13 9.89 -1.95	77.51 7.35 -0.81	62.07 5.54 0.00	51.72 4.14 0.00	43.83 3.13 0.00	40.72 3.16 0.00	35.63 2.88 0.00
HUDSON_AVE_10 24168	30.89 2.13 0.00	28.78 1.71 0.00	28.39 1.43 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.95 1.59 0.00	33.12 1.85 0.00	34.18 2.09 0.00	36.29 2.47 0.00	37.92 2.65 0.00	40.66 2.87 -0.09	43.59 3.07 0.00	46.47 3.20 0.00	50.47 4.08 0.00	53.86 4.84 -0.15	67.78 6.50 -1.13	81.26 7.86 -1.92	100.04 9.80 -1.95	77.44 7.28 -0.81	62.01 5.48 0.00	51.67 4.09 0.00	43.78 3.09 0.00	40.68 3.12 0.00	35.60 2.85 0.00
HUDSON___115KV_TB 4 355613	29.63 0.86 0.00	27.86 0.79 0.00	27.66 0.70 0.00	26.77 0.63 0.00	27.32 0.64 0.00	28.21 0.85 0.00	32.12 0.84 0.00	32.80 0.71 0.00	34.56 0.74 0.00	35.84 0.56 0.00	38.20 0.42 0.05	40.86 0.49 0.00	43.96 0.69 0.00	47.45 1.07 0.00	50.49 1.71 0.09	61.70 2.23 0.68	73.04 2.72 1.16	90.83 3.71 1.17	71.98 3.12 0.49	58.73 2.20 0.00	49.43 1.86 0.00	41.95 1.26 0.00	38.87 1.31 0.00	33.93 1.18 0.00
HUNTER MOUNT___DRP 323613	29.71 0.95 0.00	27.96 0.89 0.00	27.80 0.84 0.00	26.90 0.76 0.00	27.45 0.77 0.00	28.34 0.98 0.00	32.22 0.94 0.00	32.83 0.74 0.00	34.56 0.74 0.00	35.77 0.49 0.00	38.12 0.34 0.00	40.80 0.40 0.03	43.96 0.69 0.00	47.40 1.02 0.00	50.67 1.86 0.06	62.15 2.41 0.41	73.78 3.00 0.70	91.73 4.15 0.71	72.52 3.47 0.29	58.84 2.32 0.00	49.67 2.09 0.00	42.08 1.38 0.00	38.91 1.35 0.00	33.90 1.15 0.00
HUNTINGTON_RES_REC 323705	31.21 2.44 0.00	29.15 2.08 0.00	28.85 1.89 0.00	27.71 1.57 0.00	28.22 1.55 0.00	29.35 2.00 0.00	33.28 2.00 0.00	34.60 2.51 0.00	37.47 2.84 -0.81	38.54 2.86 -0.41	39.86 2.08 0.00	43.51 2.99 -0.09	46.66 3.38 -0.01	54.16 4.50 -3.28	61.50 5.03 -7.60	75.52 7.15 -8.21	97.31 8.79 -17.05	239.65 10.95 -140.41	88.78 8.18 -11.25	69.59 6.16 -6.90	54.64 4.76 -2.30	45.26 3.70 -0.86	40.30 2.74 0.00	36.33 3.01 -0.57
HUNTLEY___63 23557	29.02 0.26 0.00	26.88 -0.19 0.00	26.72 -0.24 0.00	25.62 -0.52 0.00	26.38 -0.29 0.00	27.36 0.00 0.00	31.25 -0.03 0.00	32.55 0.45 0.00	34.12 0.30 0.00	35.70 0.42 0.00	38.99 1.21 0.00	41.40 0.97 0.00	44.57 1.30 0.00	48.05 1.67 0.00	49.36 0.49 -0.01	59.20 -0.96 -0.01	70.77 -0.71 0.00	85.87 -2.38 0.03	68.38 -0.97 0.00	56.53 0.00 0.00	48.29 0.71 0.00	40.94 0.24 0.00	37.41 -0.15 0.00	32.23 -0.52 0.00
HUNTLEY___64 23558	29.02 0.26 0.00	26.88 -0.19 0.00	26.72 -0.24 0.00	25.62 -0.52 0.00	26.38 -0.29 0.00	27.36 0.00 0.00	31.25 -0.03 0.00	32.55 0.45 0.00	34.12 0.30 0.00	35.70 0.42 0.00	38.99 1.21 0.00	41.40 0.97 0.00	44.57 1.30 0.00	48.05 1.67 0.00	49.36 0.49 -0.01	59.20 -0.96 -0.01	70.77 -0.71 0.00	85.87 -2.38 0.03	68.38 -0.97 0.00	56.53 0.00 0.00	48.29 0.71 0.00	40.94 0.24 0.00	37.41 -0.15 0.00	32.23 -0.52 0.00
HUNTLEY___65 23559	29.02 0.26 0.00	26.88 -0.19 0.00	26.72 -0.24 0.00	25.62 -0.52 0.00	26.38 -0.29 0.00	27.36 0.00 0.00	31.25 -0.03 0.00	32.55 0.45 0.00	34.12 0.30 0.00	35.70 0.42 0.00	38.99 1.21 0.00	41.40 0.97 0.00	44.57 1.30 0.00	48.05 1.67 0.00	49.36 0.49 -0.01	59.20 -0.96 -0.01	70.77 -0.71 0.00	85.87 -2.38 0.03	68.38 -0.97 0.00	56.53 0.00 0.00	48.29 0.71 0.00	40.94 0.24 0.00	37.41 -0.15 0.00	32.23 -0.52 0.00
HUNTLEY___66 23560	29.02 0.26 0.00	26.88 -0.19 0.00	26.72 -0.24 0.00	25.62 -0.52 0.00	26.38 -0.29 0.00	27.36 0.00 0.00	31.25 -0.03 0.00	32.55 0.45 0.00	34.12 0.30 0.00	35.70 0.42 0.00	38.99 1.21 0.00	41.40 0.97 0.00	44.57 1.30 0.00	48.05 1.67 0.00	49.36 0.49 -0.01	59.20 -0.96 -0.01	70.77 -0.71 0.00	85.87 -2.38 0.03	68.38 -0.97 0.00	56.53 0.00 0.00	48.29 0.71 0.00	40.94 0.24 0.00	37.41 -0.15 0.00	32.23 -0.52 0.00

HUNTLEY___67 23561	28.73 -0.03 0.00	26.66 -0.41 0.00	26.50 -0.46 0.00	25.41 -0.73 0.00	26.17 -0.51 0.00	27.14 -0.22 0.00	31.00 -0.28 0.00	32.29 0.19 0.00	33.82 0.00 0.00	35.42 0.14 0.00	38.65 0.87 0.00	41.07 0.65 0.00	44.18 0.91 0.00	47.78 1.39 0.00	49.13 0.24 -0.01	59.02 -1.14 -0.01	70.63 -0.86 -0.01	85.70 -2.56 0.03	68.25 -1.11 -0.01	56.47 -0.06 0.00	48.20 0.62 0.00	40.69 0.00 0.00	37.18 -0.38 0.00	32.03 -0.72 0.00
HUNTLEY___68 23562	28.73 -0.03 0.00	26.66 -0.41 0.00	26.50 -0.46 0.00	25.41 -0.73 0.00	26.17 -0.51 0.00	27.14 -0.22 0.00	31.00 -0.28 0.00	32.29 0.19 0.00	33.82 0.00 0.00	35.42 0.14 0.00	38.65 0.87 0.00	41.07 0.65 0.00	44.18 0.91 0.00	47.78 1.39 0.00	49.13 0.24 -0.01	59.02 -1.14 -0.01	70.63 -0.86 -0.01	85.70 -2.56 0.03	68.25 -1.11 -0.01	56.47 -0.06 0.00	48.20 0.62 0.00	40.69 0.00 0.00	37.18 -0.38 0.00	32.03 -0.72 0.00
HYLAND___LFGE 323620	30.46 1.70 0.00	28.48 1.41 0.00	28.26 1.29 0.00	26.95 0.81 0.00	27.67 0.99 0.00	28.73 1.37 0.00	33.00 1.72 0.00	33.96 1.86 0.00	34.83 1.01 0.00	36.05 0.78 0.00	38.88 1.10 0.00	40.31 -0.12 0.00	43.40 0.13 0.00	46.48 0.09 0.00	48.23 -0.64 0.00	58.77 -1.38 0.00	70.48 -1.00 0.00	87.21 -1.06 0.03	70.04 0.69 0.00	58.39 1.86 0.00	49.96 2.38 0.00	42.40 1.71 0.00	38.57 1.01 0.00	34.12 1.38 0.00
INDECK___CORINTH 23802	31.18 2.42 0.00	29.34 2.27 0.00	29.01 2.05 0.00	28.13 1.99 0.00	28.70 2.03 0.00	29.71 2.35 0.00	34.03 2.75 0.00	34.89 2.79 0.00	36.73 2.91 0.00	38.20 2.93 0.00	40.58 2.80 0.00	43.49 3.16 0.09	46.93 3.68 0.01	50.37 3.99 0.00	52.91 4.20 0.16	64.29 5.29 1.16	75.50 6.00 1.98	93.79 7.50 2.00	75.24 6.72 0.83	61.95 5.43 0.00	52.24 4.67 0.00	44.43 3.74 0.00	40.72 3.16 0.00	35.44 2.69 0.00
INDECK___ILION 23567	28.85 0.09 0.00	27.10 0.03 0.00	26.96 0.00 0.00	26.09 -0.05 0.00	26.62 -0.05 0.00	27.41 0.05 0.00	31.34 0.06 0.00	32.16 0.06 0.00	33.89 0.07 0.00	35.35 0.07 0.00	37.82 0.04 0.00	40.47 0.04 0.00	43.31 0.04 0.00	46.57 0.19 0.00	49.09 0.24 0.02	60.87 0.30 -0.42	72.28 0.29 -0.52	91.69 0.44 -2.95	70.11 0.35 -0.42	57.29 0.28 -0.48	47.86 0.29 0.00	40.73 0.04 0.00	37.64 0.08 0.00	32.82 0.07 0.00
INDECK___OLEAN 23982	29.71 0.95 0.00	27.80 0.73 0.00	27.53 0.57 0.00	26.19 0.05 0.00	26.89 0.21 0.00	27.91 0.55 0.00	32.22 0.94 0.00	33.54 1.45 0.00	35.10 1.28 0.00	36.83 1.55 0.00	40.09 2.31 0.00	42.41 1.98 0.00	45.91 2.64 0.00	49.35 2.97 0.00	51.02 2.15 -0.01	61.36 1.20 -0.01	73.77 2.29 -0.01	87.91 -0.35 0.03	71.57 2.22 -0.01	59.07 2.55 0.00	49.82 2.24 0.00	42.12 1.42 0.00	38.76 1.20 0.00	33.44 0.69 0.00
INDECK___OSWEGO 23783	28.33 -0.43 0.00	26.64 -0.43 0.00	26.48 -0.48 0.00	25.54 -0.60 0.00	26.09 -0.59 0.00	26.89 -0.47 0.00	30.81 -0.47 0.00	31.45 -0.64 0.00	33.04 -0.78 0.00	34.50 -0.78 0.00	36.99 -0.80 0.00	39.62 -0.81 0.00	42.36 -0.91 0.00	45.50 -0.88 0.00	47.73 -1.08 0.06	58.29 -1.50 0.37	69.22 -1.57 0.69	83.33 -2.03 2.93	67.19 -1.53 0.63	55.14 -1.13 0.26	46.77 -0.81 0.00	39.88 -0.81 0.00	37.07 -0.49 0.00	32.19 -0.56 0.00
INDECK___YERKES 23781	29.05 0.29 0.00	27.23 0.16 0.00	27.04 0.08 0.00	25.70 -0.44 0.00	26.44 -0.24 0.00	27.39 0.03 0.00	31.34 0.06 0.00	32.61 0.51 0.00	34.16 0.34 0.00	35.84 0.56 0.00	39.14 1.36 0.00	41.60 1.17 0.00	45.04 1.77 0.00	47.91 1.53 0.00	49.36 0.49 -0.01	59.20 -0.96 -0.01	70.77 -0.71 0.00	85.88 -2.38 0.03	68.38 -0.97 0.00	56.64 0.11 0.00	48.10 0.52 0.00	41.02 0.32 0.00	37.41 -0.15 0.00	32.26 -0.49 0.00
INDIAN POINT_GT_1 24139	30.58 1.81 0.00	28.56 1.49 0.00	28.20 1.24 0.00	27.27 1.12 0.00	27.77 1.09 0.00	28.78 1.42 0.00	32.87 1.60 0.00	33.86 1.77 0.00	35.85 2.03 0.00	37.39 2.12 0.00	40.05 2.27 0.00	42.98 2.47 -0.09	45.95 2.68 0.00	49.82 3.43 0.00	53.17 4.15 -0.15	66.85 5.59 -1.10	80.15 6.79 -1.88	98.76 8.56 -1.90	76.66 6.52 -0.79	61.39 4.86 0.00	51.19 3.62 0.00	43.34 2.64 0.00	40.11 2.55 0.00	35.14 2.39 0.00
INDIAN POINT_GT_2 23659	30.58 1.81 0.00	28.56 1.49 0.00	28.20 1.24 0.00	27.27 1.12 0.00	27.77 1.09 0.00	28.78 1.42 0.00	32.87 1.60 0.00	33.86 1.77 0.00	35.85 2.03 0.00	37.39 2.12 0.00	40.05 2.27 0.00	42.98 2.47 -0.09	45.95 2.68 0.00	49.82 3.43 0.00	53.17 4.15 -0.15	66.85 5.59 -1.10	80.15 6.79 -1.88	98.76 8.56 -1.90	76.66 6.52 -0.79	61.39 4.86 0.00	51.19 3.62 0.00	43.34 2.64 0.00	40.11 2.55 0.00	35.14 2.39 0.00
INDIAN POINT_GT_3 24019	30.58 1.81 0.00	28.56 1.49 0.00	28.20 1.24 0.00	27.27 1.12 0.00	27.77 1.09 0.00	28.78 1.42 0.00	32.87 1.60 0.00	33.86 1.77 0.00	35.85 2.03 0.00	37.39 2.12 0.00	40.05 2.27 0.00	42.98 2.47 -0.09	45.95 2.68 0.00	49.82 3.43 0.00	53.17 4.15 -0.15	66.85 5.59 -1.10	80.15 6.79 -1.88	98.76 8.56 -1.90	76.66 6.52 -0.79	61.39 4.86 0.00	51.19 3.62 0.00	43.34 2.64 0.00	40.11 2.55 0.00	35.14 2.39 0.00
INDIAN POINT___2 23530	30.52 1.75 0.00	28.61 1.54 0.00	28.23 1.27 0.00	27.21 1.07 0.00	27.75 1.07 0.00	28.73 1.37 0.00	32.78 1.50 0.00	33.80 1.70 0.00	35.78 1.96 0.00	37.32 2.05 0.00	39.86 2.08 0.00	42.98 2.47 -0.08	46.01 2.73 -0.01	49.96 3.57 0.00	53.02 4.01 -0.14	66.63 5.42 -1.06	79.86 6.57 -1.81	98.34 8.21 -1.83	76.35 6.24 -0.76	61.10 4.58 0.00	51.05 3.47 0.00	43.34 2.64 0.00	40.00 2.44 0.00	35.04 2.29 0.00
INDIAN POINT___3 23531	30.52 1.75 0.00	28.51 1.43 0.00	28.17 1.21 0.00	27.21 1.07 0.00	27.75 1.07 0.00	28.73 1.37 0.00	32.81 1.53 0.00	33.80 1.70 0.00	35.75 1.93 0.00	37.29 2.01 0.00	39.94 2.15 0.00	42.82 2.30 -0.09	45.78 2.51 0.00	49.68 3.29 0.00	52.93 3.91 -0.15	66.61 5.35 -1.11	79.79 6.43 -1.88	98.23 8.03 -1.91	76.24 6.10 -0.79	61.11 4.58 0.00	50.96 3.38 0.00	43.17 2.48 0.00	40.00 2.44 0.00	35.04 2.29 0.00
INGHAM_C_115KV_TB7 356103	28.48 -0.29 0.00	26.75 -0.32 0.00	26.58 -0.38 0.00	25.75 -0.39 0.00	26.28 -0.40 0.00	27.03 -0.33 0.00	30.94 -0.34 0.00	31.71 -0.39 0.00	33.41 -0.41 0.00	34.85 -0.42 0.00	37.29 -0.49 0.00	39.90 -0.53 0.00	42.66 -0.61 0.00	45.87 -0.51 0.00	48.36 -0.49 0.02	60.03 -0.54 -0.42	71.07 -0.93 -0.52	90.27 -0.97 -2.95	69.07 -0.69 -0.42	56.39 -0.62 -0.48	47.20 -0.38 0.00	40.16 -0.53 0.00	37.11 -0.45 0.00	32.36 -0.39 0.00
IP CORINTH___1 23988	31.18 2.42 0.00	29.29 2.22 0.00	28.96 2.00 0.00	28.13 1.99 0.00	28.71 2.03 0.00	29.71 2.35 0.00	34.03 2.75 0.00	34.89 2.79 0.00	36.73 2.91 0.00	38.20 2.93 0.00	40.54 2.76 0.00	43.41 3.07 0.09	46.86 3.59 0.00	50.28 3.90 0.00	52.91 4.20 0.16	64.28 5.29 1.16	75.50 6.00 1.98	93.79 7.50 2.00	75.24 6.73 0.83	61.95 5.43 0.00	52.24 4.66 0.00	44.39 3.70 0.00	40.72 3.16 0.00	35.44 2.69 0.00

IP__TICONDEROGA 23804	33.31 4.54 0.00	31.24 4.17 0.00	30.76 3.80 0.00	29.88 3.74 0.00	30.52 3.84 0.00	31.71 4.35 0.00	36.41 5.13 0.00	37.30 5.20 0.00	39.26 5.44 0.00	40.81 5.54 0.00	43.49 5.71 0.00	46.76 6.43 0.09	50.58 7.31 0.00	54.27 7.89 0.00	57.02 8.31 0.16	69.16 10.17 1.16	81.51 12.01 1.98	99.00 12.71 2.00	79.33 10.82 0.83	65.40 8.87 0.00	55.14 7.57 0.00	46.67 5.98 0.00	42.59 5.03 0.00	36.97 4.22 0.00
ISLIP_RES_REC 323679	31.44 2.68 0.00	29.34 2.27 0.00	29.07 2.10 0.00	27.92 1.78 0.00	28.41 1.73 0.00	29.57 2.22 0.00	33.50 2.22 0.00	34.86 2.76 0.00	37.81 3.18 -0.81	38.97 3.28 -0.41	40.39 2.61 0.00	44.19 3.68 -0.09	47.36 4.07 -0.02	54.91 5.29 -3.24	62.20 5.81 -7.52	76.60 8.24 -8.21	98.54 10.15 -16.91	127.46 12.62 -26.54	90.04 9.57 -11.12	70.69 7.29 -6.87	55.66 5.80 -2.28	46.08 4.52 -0.87	40.87 3.31 0.00	36.96 3.63 -0.57
JAMAICA__27_KV_LOAD 355505	31.18 2.42 0.00	28.97 1.89 0.00	28.55 1.59 0.00	27.55 1.41 0.00	28.07 1.39 0.00	29.14 1.78 0.00	33.34 2.06 0.00	34.41 2.31 0.00	36.56 2.74 0.00	38.20 2.93 0.00	41.00 3.21 0.00	43.99 3.48 -0.09	46.86 3.59 0.00	51.02 4.64 0.00	54.45 5.42 -0.15	68.56 7.28 -1.13	82.26 8.86 -1.92	101.28 11.04 -1.95	78.48 8.32 -0.81	62.80 6.27 0.00	52.34 4.76 0.00	44.27 3.58 0.00	41.20 3.64 0.00	35.99 3.24 0.00
JANIS__SOLAR 323808	30.58 1.81 0.00	28.61 1.54 0.00	28.39 1.43 0.00	27.34 1.20 0.00	27.93 1.25 0.00	29.06 1.70 0.00	33.53 2.25 0.00	33.61 1.51 0.00	35.03 1.22 0.00	36.44 1.16 0.00	38.99 1.21 0.00	41.68 1.25 0.00	44.70 1.43 0.00	48.01 1.62 0.00	50.39 1.52 0.00	61.96 1.80 0.00	73.98 2.50 0.00	94.29 6.01 0.01	74.76 5.41 0.00	60.94 4.41 0.00	51.34 3.76 0.00	43.42 2.73 0.00	39.85 2.29 0.00	34.45 1.70 0.00
JARVIS____ 23743	28.97 0.20 0.00	27.23 0.16 0.00	27.10 0.14 0.00	26.22 0.08 0.00	26.76 0.08 0.00	27.55 0.19 0.00	31.47 0.19 0.00	32.29 0.19 0.00	34.06 0.24 0.00	35.49 0.21 0.00	38.01 0.23 0.00	40.67 0.24 0.00	43.58 0.31 0.00	46.85 0.46 0.00	49.33 0.49 0.02	61.17 0.60 -0.42	72.71 0.71 -0.52	92.13 0.88 -2.95	70.46 0.69 -0.42	57.57 0.57 -0.48	48.06 0.48 0.00	40.98 0.29 0.00	37.82 0.26 0.00	32.98 0.23 0.00
JENNISON__1 23625	30.78 2.01 0.00	28.72 1.65 0.00	28.53 1.56 0.00	27.55 1.41 0.00	28.17 1.49 0.00	29.25 1.89 0.00	33.69 2.41 0.00	36.46 4.37 0.00	37.94 4.13 0.00	39.93 4.66 0.00	42.70 4.91 0.00	45.52 5.09 0.00	48.72 5.45 0.00	52.55 6.17 0.00	54.83 5.96 0.00	67.19 7.04 0.00	80.06 8.58 0.00	96.23 7.95 0.01	76.15 6.80 0.00	61.22 4.69 0.00	51.53 3.95 0.00	43.46 2.77 0.00	40.00 2.44 0.00	34.65 1.90 0.00
JENNISON__2 23626	30.78 2.01 0.00	28.72 1.65 0.00	28.53 1.56 0.00	27.55 1.41 0.00	28.17 1.49 0.00	29.25 1.89 0.00	33.69 2.41 0.00	36.46 4.37 0.00	37.94 4.13 0.00	39.93 4.66 0.00	42.70 4.91 0.00	45.52 5.09 0.00	48.72 5.45 0.00	52.55 6.17 0.00	54.83 5.96 0.00	67.19 7.04 0.00	80.06 8.58 0.00	96.23 7.95 0.01	76.15 6.80 0.00	61.22 4.69 0.00	51.53 3.95 0.00	43.46 2.77 0.00	40.00 2.44 0.00	34.65 1.90 0.00
JERICHO_RISE_WT_PWR 323719	27.58 -1.18 0.00	26.12 -0.95 0.00	26.26 -0.70 0.00	25.78 -0.37 0.00	26.30 -0.37 0.00	26.62 -0.74 0.00	30.59 -0.69 0.00	31.36 -0.74 0.00	33.07 -0.74 0.00	34.60 -0.67 0.00	37.26 -0.53 0.00	39.13 -1.30 0.00	41.02 -2.25 0.00	43.46 -2.92 0.00	45.60 -2.93 0.34	46.85 -3.61 9.70	52.60 -4.36 14.51	52.73 -5.12 30.44	52.76 -4.09 12.49	43.68 -3.39 9.46	44.72 -2.85 0.01	39.10 -1.59 0.00	36.70 -0.86 0.00	31.90 -0.85 0.00
KATONAH__115KV_46KV_TB4 355592	30.78 2.01 0.00	28.72 1.65 0.00	28.39 1.43 0.00	27.45 1.31 0.00	27.96 1.28 0.00	28.97 1.61 0.00	33.09 1.81 0.00	34.15 2.05 0.00	36.15 2.33 0.00	37.74 2.47 0.00	40.47 2.68 0.00	43.43 2.91 -0.09	46.52 3.25 0.00	50.51 4.13 0.00	53.91 4.89 -0.15	67.83 6.56 -1.12	81.53 8.15 -1.91	100.55 10.33 -1.93	78.33 8.18 -0.80	62.57 6.05 0.00	52.00 4.42 0.00	43.91 3.21 0.00	40.53 2.97 0.00	35.44 2.69 0.00
KCE_NY_1 323755	30.75 1.98 0.00	28.96 1.89 0.00	28.69 1.73 0.00	27.74 1.59 0.00	28.31 1.63 0.00	29.27 1.91 0.00	33.44 2.16 0.00	34.28 2.18 0.00	36.15 2.33 0.00	37.60 2.33 0.00	40.13 2.34 0.00	42.95 2.63 0.10	46.28 3.03 0.01	49.77 3.38 0.00	52.31 3.62 0.17	63.45 4.57 1.28	74.67 5.36 2.17	92.89 6.80 2.20	74.05 5.61 0.91	61.10 4.58 0.00	51.43 3.85 0.00	43.75 3.05 0.00	40.19 2.63 0.00	35.04 2.29 0.00
KCE_NY_6_ESR 323823	29.28 0.52 0.00	27.45 0.38 0.00	27.23 0.27 0.00	25.88 -0.26 0.00	26.62 -0.05 0.00	27.60 0.25 0.00	31.66 0.38 0.00	32.93 0.83 0.00	34.53 0.71 0.00	36.23 0.95 0.00	39.52 1.74 0.00	42.09 1.66 0.00	45.56 2.29 0.00	48.75 2.36 0.00	50.29 1.42 -0.01	60.40 0.24 -0.01	72.35 0.86 -0.01	87.29 -0.97 0.03	69.91 0.55 -0.01	57.83 1.30 0.00	49.00 1.43 0.00	41.55 0.86 0.00	37.90 0.34 0.00	32.68 -0.07 0.00
KEDC_PORT_JEFF_GT2 24210	31.21 2.44 0.00	29.15 2.08 0.00	28.88 1.91 0.00	27.71 1.57 0.00	28.22 1.55 0.00	29.38 2.02 0.00	33.25 1.97 0.00	34.57 2.47 0.00	37.51 2.87 -0.81	38.61 2.93 -0.41	39.86 2.08 0.00	43.51 2.99 -0.09	46.62 3.33 -0.02	53.64 4.22 -3.04	60.62 4.69 -7.06	75.21 6.86 -8.21	96.22 8.50 -16.24	135.65 10.59 -36.77	87.80 7.97 -10.48	69.39 5.99 -6.87	54.57 4.71 -2.28	45.43 3.87 -0.87	40.38 2.82 0.00	36.63 3.31 -0.57
KEDC_PORT_JEFF_GT3 24211	31.21 2.44 0.00	29.15 2.08 0.00	28.88 1.91 0.00	27.71 1.57 0.00	28.22 1.55 0.00	29.38 2.02 0.00	33.25 1.97 0.00	34.57 2.47 0.00	37.51 2.87 -0.81	38.61 2.93 -0.41	39.86 2.08 0.00	43.51 2.99 -0.09	46.62 3.33 -0.02	53.64 4.22 -3.04	60.62 4.69 -7.06	75.21 6.86 -8.21	96.22 8.50 -16.24	135.65 10.59 -36.77	87.80 7.97 -10.48	69.39 5.99 -6.87	54.57 4.71 -2.28	45.43 3.87 -0.87	40.38 2.82 0.00	36.63 3.31 -0.57
KEDC_GLWD_GT4 24219	31.32 2.56 0.00	29.29 2.22 0.00	28.93 1.97 0.00	27.82 1.67 0.00	28.36 1.68 0.00	29.47 2.11 0.00	33.50 2.22 0.00	34.73 2.63 0.00	37.51 2.87 -0.81	38.68 3.00 -0.41	40.54 2.76 0.00	44.07 3.56 -0.09	46.96 3.68 -0.01	81.89 4.82 -30.69	124.06 5.33 -69.87	75.84 7.28 -8.41	187.86 8.79 -107.59	102.88 10.77 -3.82	175.72 8.11 -98.27	69.60 6.22 -6.86	54.65 4.80 -2.26	45.78 3.91 -1.18	40.94 3.38 0.00	36.67 3.34 -0.57
KEDC_GLWD_GT5 24220	31.32 2.56 0.00	29.29 2.22 0.00	28.93 1.97 0.00	27.82 1.67 0.00	28.36 1.68 0.00	29.47 2.11 0.00	33.50 2.22 0.00	34.73 2.63 0.00	37.51 2.87 -0.81	38.68 3.00 -0.41	40.54 2.76 0.00	44.07 3.56 -0.09	46.96 3.68 -0.01	81.89 4.82 -30.69	124.06 5.33 -69.87	75.84 7.28 -8.41	187.86 8.79 -107.59	102.88 10.77 -3.82	175.72 8.11 -98.27	69.60 6.22 -6.86	54.65 4.80 -2.26	45.78 3.91 -1.18	40.94 3.38 0.00	36.67 3.34 -0.57

KENSICO____ 23655	30.66 1.90 0.00	28.61 1.54 0.00	28.28 1.32 0.00	27.32 1.18 0.00	27.83 1.15 0.00	28.84 1.48 0.00	32.94 1.66 0.00	33.99 1.89 0.00	35.98 2.16 0.00	37.57 2.29 0.00	40.20 2.42 0.00	43.14 2.63 -0.09	46.08 2.81 0.00	50.00 3.62 0.00	53.32 4.30 -0.15	67.06 5.77 -1.13	80.40 7.00 -1.92	98.97 8.74 -1.94	76.81 6.66 -0.81	61.50 4.97 0.00	51.29 3.71 0.00	43.46 2.77 0.00	40.23 2.67 0.00	35.24 2.49 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.78 2.01 0.00	28.72 1.65 0.00	28.44 1.48 0.00	27.47 1.33 0.00	27.99 1.31 0.00	28.97 1.61 0.00	33.00 1.72 0.00	33.89 1.80 0.00	35.81 2.00 0.00	37.36 2.08 0.00	40.01 2.23 0.00	42.86 2.39 -0.05	46.04 2.77 0.00	49.91 3.53 0.00	53.25 4.30 -0.08	66.61 5.83 -0.62	79.75 7.22 -1.06	98.37 9.01 -1.07	76.80 7.00 -0.44	61.78 5.26 0.00	51.62 4.04 0.00	43.54 2.85 0.00	40.26 2.70 0.00	35.17 2.42 0.00
KIAC_JFK_GT1 23816	30.98 2.21 0.00	28.78 1.71 0.00	28.39 1.43 0.00	27.40 1.25 0.00	27.91 1.23 0.00	28.95 1.59 0.00	33.16 1.88 0.00	34.09 1.99 0.00	36.22 2.40 0.00	37.85 2.58 0.00	40.62 2.83 0.00	43.55 3.03 -0.09	46.43 3.16 0.00	50.47 4.08 0.00	53.91 4.89 -0.15	67.84 6.56 -1.13	81.41 8.01 -1.92	100.22 9.98 -1.95	77.65 7.49 -0.81	62.12 5.60 0.00	51.77 4.19 0.00	43.78 3.09 0.00	40.75 3.19 0.00	35.63 2.88 0.00
KIAC_JFK_GT2 23817	30.98 2.21 0.00	28.78 1.71 0.00	28.39 1.43 0.00	27.40 1.25 0.00	27.91 1.23 0.00	28.95 1.59 0.00	33.16 1.88 0.00	34.09 1.99 0.00	36.22 2.40 0.00	37.85 2.58 0.00	40.62 2.83 0.00	43.55 3.03 -0.09	46.43 3.16 0.00	50.47 4.08 0.00	53.91 4.89 -0.15	67.84 6.56 -1.13	81.41 8.01 -1.92	100.22 9.98 -1.95	77.65 7.49 -0.81	62.12 5.60 0.00	51.77 4.19 0.00	43.78 3.09 0.00	40.75 3.19 0.00	35.63 2.88 0.00
KIAC_JFK____ 323774	30.98 2.21 0.00	28.88 1.81 0.00	28.44 1.48 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.94 1.59 0.00	33.12 1.85 0.00	34.09 1.99 0.00	36.22 2.40 0.00	37.82 2.54 0.00	40.51 2.72 0.00	43.71 3.19 -0.09	46.57 3.29 -0.01	50.74 4.36 0.00	53.91 4.89 -0.15	67.84 6.56 -1.13	81.40 8.00 -1.92	100.21 9.97 -1.95	77.58 7.42 -0.81	62.01 5.48 0.00	51.77 4.19 0.00	43.91 3.21 0.00	40.75 3.19 0.00	35.63 2.88 0.00
KINTIGH____ 23543	28.45 -0.32 0.00	26.45 -0.62 0.00	26.29 -0.67 0.00	25.23 -0.91 0.00	25.96 -0.72 0.00	26.87 -0.49 0.00	30.72 -0.56 0.00	31.94 -0.16 0.00	33.48 -0.34 0.00	35.03 -0.25 0.00	38.12 0.34 0.00	40.55 0.12 0.00	43.57 0.30 0.00	46.94 0.56 0.00	48.47 -0.39 0.00	58.53 -1.62 0.00	69.90 -1.57 0.00	85.69 -2.56 0.04	67.54 -1.80 0.00	55.85 -0.68 0.00	47.63 0.05 0.00	40.29 -0.41 0.00	36.81 -0.75 0.00	31.73 -1.02 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.16 -0.60 0.00	26.85 -0.22 0.00	26.96 0.00 0.00	26.32 0.18 0.00	26.89 0.21 0.00	27.22 -0.14 0.00	31.34 0.06 0.00	32.19 0.10 0.00	33.89 0.07 0.00	35.52 0.25 0.00	38.24 0.45 0.00	41.11 0.69 0.00	43.88 0.61 0.00	44.11 -2.27 0.00	45.19 -3.42 0.26	46.16 -4.33 9.66	52.08 -5.15 14.25	52.20 -6.09 30.00	52.36 -4.79 12.21	42.99 -3.96 9.58	45.14 -2.43 0.01	41.06 0.37 0.00	37.41 -0.15 0.00	32.49 -0.26 0.00
LACHUTE__HYDRO 323717	33.31 4.54 0.00	31.35 4.28 0.00	30.84 3.88 0.00	29.88 3.74 0.00	30.52 3.84 0.00	31.71 4.35 0.00	36.41 5.13 0.00	37.30 5.20 0.00	39.26 5.45 0.00	40.81 5.54 0.00	43.53 5.74 0.00	46.80 6.47 0.09	50.70 7.44 0.01	54.36 7.98 0.00	57.02 8.31 0.16	69.16 10.17 1.16	81.50 12.00 1.98	99.00 12.72 2.00	79.33 10.81 0.83	65.40 8.88 0.00	55.14 7.57 0.00	46.76 6.06 0.00	42.59 5.03 0.00	36.98 4.23 0.00
LAWRNCALV_115KV_TB1 80681	27.64 -1.12 0.00	26.26 -0.81 0.00	26.26 -0.70 0.00	25.64 -0.50 0.00	26.14 -0.53 0.00	26.40 -0.96 0.00	30.25 -1.03 0.00	30.84 -1.25 0.00	32.43 -1.39 0.00	33.90 -1.38 0.00	36.27 -1.51 0.00	38.85 -1.58 0.00	41.32 -1.95 0.00	43.55 -2.83 0.00	43.49 -3.81 1.56	44.64 -4.75 10.76	46.28 -5.79 19.41	44.25 -6.89 37.15	46.21 -5.48 17.66	44.08 -4.35 8.09	44.05 -3.52 0.01	38.90 -1.79 0.00	35.76 -1.80 0.00	31.11 -1.64 0.00
LEDERLE____ 23769	30.63 1.87 0.00	28.61 1.54 0.00	28.28 1.32 0.00	27.32 1.18 0.00	27.85 1.17 0.00	28.84 1.48 0.00	32.91 1.63 0.00	33.89 1.80 0.00	35.81 2.00 0.00	37.39 2.12 0.00	40.05 2.27 0.00	42.97 2.47 -0.08	46.04 2.77 0.00	49.91 3.53 0.00	53.26 4.25 -0.14	66.95 5.77 -1.03	80.23 7.00 -1.75	98.71 8.65 -1.77	76.60 6.52 -0.73	61.44 4.92 0.00	51.24 3.66 0.00	43.38 2.69 0.00	40.11 2.55 0.00	35.14 2.39 0.00
LIGHTHSE_115KV_TB6 355974	28.62 -0.14 0.00	26.80 -0.27 0.00	26.66 -0.30 0.00	25.80 -0.34 0.00	26.36 -0.32 0.00	27.14 -0.22 0.00	31.12 -0.16 0.00	32.00 -0.10 0.00	33.55 -0.27 0.00	35.03 -0.25 0.00	37.56 -0.23 0.00	40.27 -0.16 0.00	42.79 -0.48 0.00	45.97 -0.42 0.00	48.08 -0.64 0.15	58.16 -1.02 0.97	68.48 -1.22 1.78	78.40 -1.41 8.48	66.82 -0.90 1.62	55.31 -0.51 0.71	47.63 0.05 0.00	40.53 -0.16 0.00	37.41 -0.15 0.00	32.45 -0.29 0.00
LINDEN COGEN____ 23786	30.72 1.96 0.00	28.78 1.71 0.00	28.34 1.37 0.00	27.29 1.15 0.00	27.82 1.15 0.00	28.83 1.48 0.00	32.94 1.66 0.00	34.02 1.93 0.00	36.08 2.27 0.00	37.67 2.40 0.00	40.32 2.53 0.00	43.46 2.95 -0.09	43.49 3.07 2.85	43.83 4.03 6.59	44.83 4.49 8.53	49.28 6.01 16.89	62.71 7.29 16.06	81.43 9.10 15.96	58.85 6.72 17.23	45.09 4.92 16.35	43.57 3.71 7.72	43.38 2.89 0.20	40.38 2.82 0.00	35.37 2.62 0.00
LINDHRST_69_KV_BK1 356055	31.55 2.79 0.00	29.37 2.30 0.00	29.01 2.05 0.00	28.08 1.93 0.00	28.57 1.89 0.00	29.68 2.33 0.00	33.75 2.47 0.00	34.95 2.86 0.00	37.88 3.25 -0.81	39.14 3.46 -0.41	41.22 3.44 0.00	44.11 3.60 -0.09	47.13 3.85 -0.01	57.69 4.92 -6.39	69.15 5.62 -14.67	76.21 7.82 -8.23	108.42 9.65 -27.29	102.64 12.01 -2.34	99.53 9.08 -21.09	70.40 7.01 -6.86	55.32 5.47 -2.27	45.83 4.23 -0.91	41.02 3.46 0.00	36.96 3.64 -0.57
LIPA_MISC_IPP 23656	31.04 2.27 0.00	28.88 1.81 0.00	28.58 1.62 0.00	27.66 1.52 0.00	28.12 1.44 0.00	29.19 1.83 0.00	33.16 1.88 0.00	34.34 2.25 0.00	37.27 2.64 -0.81	38.51 2.82 -0.41	40.54 2.76 0.00	43.30 2.79 -0.09	46.26 2.99 0.00	53.39 4.08 -2.93	60.46 4.79 -6.80	75.40 7.04 -8.20	96.06 8.72 -15.86	119.30 10.95 -20.06	87.85 8.39 -10.11	69.84 6.44 -6.87	54.85 5.00 -2.27	45.30 3.74 -0.86	40.30 2.74 0.00	36.50 3.18 -0.57
LISF__SOLAR 323691	31.09 2.33 0.00	29.02 1.95 0.00	28.77 1.81 0.00	27.60 1.46 0.00	28.09 1.41 0.00	29.24 1.89 0.00	33.09 1.81 0.00	34.41 2.31 0.00	37.34 2.71 -0.81	38.44 2.75 -0.41	39.75 1.96 0.00	43.51 2.99 -0.09	46.53 3.25 -0.02	53.76 4.41 -2.97	60.69 4.93 -6.89	75.57 7.22 -8.20	96.40 8.93 -15.99	121.72 11.30 -22.13	88.25 8.67 -10.23	70.06 6.67 -6.87	55.09 5.23 -2.27	45.59 4.03 -0.87	40.41 2.85 0.00	36.60 3.27 -0.57

LITTLE FALLS___HYD 24013	28.48 -0.29 0.00	26.75 -0.32 0.00	26.58 -0.38 0.00	25.75 -0.39 0.00	26.28 -0.40 0.00	27.03 -0.33 0.00	30.94 -0.34 0.00	31.71 -0.39 0.00	33.41 -0.41 0.00	34.85 -0.42 0.00	37.29 -0.49 0.00	39.90 -0.53 0.00	42.66 -0.61 0.00	45.87 -0.51 0.00	48.36 -0.49 0.02	60.03 -0.54 -0.42	71.07 -0.93 -0.52	90.27 -0.97 -2.95	69.07 -0.69 -0.42	56.39 -0.62 -0.48	47.20 -0.38 0.00	40.16 -0.53 0.00	37.11 -0.45 0.00	32.36 -0.39 0.00
LITTLRIV_115KV_TB1 356100	27.96 -0.81 0.00	26.56 -0.51 0.00	26.56 -0.40 0.00	25.98 -0.16 0.00	26.46 -0.21 0.00	26.73 -0.63 0.00	30.69 -0.59 0.00	31.26 -0.83 0.00	32.80 -1.01 0.00	34.32 -0.95 0.00	36.61 -1.17 0.00	39.21 -1.21 0.00	41.67 -1.60 0.00	43.93 -2.46 0.00	44.00 -3.37 1.49	45.37 -4.33 10.46	47.46 -5.22 18.80	45.35 -6.09 36.85	47.48 -4.79 17.08	44.94 -3.67 7.91	44.62 -2.95 0.01	39.27 -1.42 0.00	36.10 -1.46 0.00	31.41 -1.34 0.00
LI_NEWBRDGE___DRP 323616	30.98 2.21 0.00	28.88 1.81 0.00	28.53 1.56 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.16 1.81 0.00	33.19 1.91 0.00	34.34 2.25 0.00	37.20 2.57 -0.81	38.40 2.72 -0.41	40.43 2.64 0.00	43.30 2.79 -0.09	46.21 2.94 0.00	50.33 3.94 0.00	53.66 4.64 -0.15	74.77 6.44 -8.18	85.45 7.79 -6.18	99.86 9.62 -1.95	77.44 7.28 -0.81	68.93 5.54 -6.86	54.03 4.19 -2.26	44.73 3.21 -0.83	40.30 2.74 0.00	36.17 2.85 -0.57
LOCKPORT_115KV_TB60_63_64 80432	28.71 -0.06 0.00	26.64 -0.43 0.00	26.45 -0.51 0.00	25.36 -0.78 0.00	26.14 -0.53 0.00	27.09 -0.27 0.00	30.94 -0.34 0.00	32.16 0.06 0.00	33.68 -0.14 0.00	35.24 -0.04 0.00	38.39 0.60 0.00	40.79 0.36 0.00	43.88 0.61 0.00	47.40 1.02 0.00	48.68 -0.20 0.00	58.35 -1.80 0.00	69.84 -1.64 0.00	84.81 -3.44 0.03	67.48 -1.87 0.00	55.85 -0.68 0.00	47.82 0.24 0.00	40.41 -0.28 0.00	36.96 -0.60 0.00	31.90 -0.85 0.00
LOCKPORT___CC1 323769	28.65 -0.11 0.00	26.88 -0.19 0.00	26.69 -0.27 0.00	25.33 -0.81 0.00	26.09 -0.59 0.00	27.03 -0.33 0.00	30.94 -0.34 0.00	32.06 -0.03 0.00	33.58 -0.24 0.00	35.20 -0.07 0.00	38.31 0.53 0.00	40.75 0.32 0.00	44.09 0.82 0.00	47.03 0.65 0.00	48.48 -0.39 0.00	58.11 -2.05 0.00	69.48 -2.00 0.00	84.38 -3.88 0.03	67.20 -2.15 0.00	55.74 -0.79 0.00	47.44 -0.14 0.00	40.25 -0.45 0.00	36.81 -0.75 0.00	31.83 -0.92 0.00
LOCKPORT___CC2 323770	28.65 -0.11 0.00	26.88 -0.19 0.00	26.69 -0.27 0.00	25.33 -0.81 0.00	26.09 -0.59 0.00	27.03 -0.33 0.00	30.94 -0.34 0.00	32.06 -0.03 0.00	33.58 -0.24 0.00	35.20 -0.07 0.00	38.31 0.53 0.00	40.75 0.32 0.00	44.09 0.82 0.00	47.03 0.65 0.00	48.48 -0.39 0.00	58.11 -2.05 0.00	69.48 -2.00 0.00	84.38 -3.88 0.03	67.20 -2.15 0.00	55.74 -0.79 0.00	47.44 -0.14 0.00	40.25 -0.45 0.00	36.81 -0.75 0.00	31.83 -0.92 0.00
LOCKPORT___CC3 323771	28.65 -0.11 0.00	26.88 -0.19 0.00	26.69 -0.27 0.00	25.33 -0.81 0.00	26.09 -0.59 0.00	27.03 -0.33 0.00	30.94 -0.34 0.00	32.06 -0.03 0.00	33.58 -0.24 0.00	35.20 -0.07 0.00	38.31 0.53 0.00	40.75 0.32 0.00	44.09 0.82 0.00	47.03 0.65 0.00	48.48 -0.39 0.00	58.11 -2.05 0.00	69.48 -2.00 0.00	84.38 -3.88 0.03	67.20 -2.15 0.00	55.74 -0.79 0.00	47.44 -0.14 0.00	40.25 -0.45 0.00	36.81 -0.75 0.00	31.83 -0.92 0.00
LONG_LAKE_PHOENIX 24014	28.50 -0.26 0.00	26.72 -0.35 0.00	26.56 -0.40 0.00	25.64 -0.50 0.00	26.20 -0.48 0.00	27.03 -0.33 0.00	31.00 -0.28 0.00	31.90 -0.19 0.00	33.51 -0.30 0.00	34.96 -0.32 0.00	37.52 -0.26 0.00	40.14 -0.28 0.00	42.92 -0.35 0.00	46.15 -0.23 0.00	48.48 -0.34 0.04	59.46 -0.60 0.09	70.73 -0.50 0.25	86.10 -0.79 1.40	68.55 -0.55 0.25	56.24 -0.28 0.00	47.44 -0.14 0.00	40.33 -0.37 0.00	37.22 -0.34 0.00	32.32 -0.43 0.00
LOVETT___3 23632	30.46 1.70 0.00	28.48 1.41 0.00	28.15 1.19 0.00	27.19 1.05 0.00	27.69 1.01 0.00	28.70 1.34 0.00	32.72 1.44 0.00	33.70 1.60 0.00	35.61 1.79 0.00	37.18 1.90 0.00	39.79 2.00 0.00	42.69 2.18 -0.08	45.69 2.42 0.00	49.54 3.15 0.00	52.82 3.81 -0.14	66.42 5.23 -1.04	79.53 6.29 -1.76	97.94 7.86 -1.79	76.05 5.96 -0.74	60.99 4.47 0.00	50.86 3.28 0.00	43.05 2.36 0.00	39.85 2.29 0.00	34.94 2.19 0.00
LOVETT___4 23642	30.46 1.70 0.00	28.48 1.41 0.00	28.15 1.19 0.00	27.19 1.05 0.00	27.69 1.01 0.00	28.70 1.34 0.00	32.72 1.44 0.00	33.70 1.60 0.00	35.61 1.79 0.00	37.18 1.90 0.00	39.79 2.00 0.00	42.69 2.18 -0.08	45.69 2.42 0.00	49.54 3.15 0.00	52.82 3.81 -0.14	66.42 5.23 -1.04	79.53 6.29 -1.76	97.94 7.86 -1.79	76.05 5.96 -0.74	60.99 4.47 0.00	50.86 3.28 0.00	43.05 2.36 0.00	39.85 2.29 0.00	34.94 2.19 0.00
LOVETT___5 23593	30.46 1.70 0.00	28.48 1.41 0.00	28.15 1.19 0.00	27.19 1.05 0.00	27.69 1.01 0.00	28.70 1.34 0.00	32.72 1.44 0.00	33.70 1.60 0.00	35.61 1.79 0.00	37.18 1.90 0.00	39.79 2.00 0.00	42.69 2.18 -0.08	45.69 2.42 0.00	49.54 3.15 0.00	52.82 3.81 -0.14	66.42 5.23 -1.04	79.53 6.29 -1.76	97.94 7.86 -1.79	76.05 5.96 -0.74	60.99 4.47 0.00	50.86 3.28 0.00	43.05 2.36 0.00	39.85 2.29 0.00	34.94 2.19 0.00
LOWER RAQUET___HYD 24057	27.50 -1.26 0.00	25.99 -1.08 0.00	26.02 -0.94 0.00	25.54 -0.60 0.00	26.04 -0.64 0.00	26.26 -1.10 0.00	30.09 -1.19 0.00	30.68 -1.41 0.00	32.26 -1.56 0.00	33.72 -1.55 0.00	36.05 -1.74 0.00	38.37 -2.06 0.00	40.55 -2.72 0.00	42.44 -3.94 0.00	43.33 -4.10 1.43	44.87 -5.11 10.18	46.96 -6.29 18.23	44.32 -7.42 36.56	46.90 -5.89 16.55	44.09 -4.69 7.74	43.86 -3.71 0.01	38.33 -2.36 0.00	35.53 -2.03 0.00	30.95 -1.80 0.00
LOWER___HUDSON 24059	29.94 1.18 0.00	28.21 1.14 0.00	27.99 1.02 0.00	27.00 0.86 0.00	27.59 0.91 0.00	28.51 1.15 0.00	32.50 1.22 0.00	33.32 1.22 0.00	35.17 1.35 0.00	36.51 1.23 0.00	38.99 1.21 0.00	41.60 1.29 0.12	44.77 1.51 0.02	48.29 1.90 0.00	50.76 2.10 0.20	61.42 2.77 1.50	72.21 3.29 2.55	89.86 4.15 2.59	71.60 3.33 1.07	59.13 2.60 0.00	49.77 2.19 0.00	42.40 1.71 0.00	39.06 1.50 0.00	34.19 1.44 0.00
LOWVILLE_115KV_TB2 356335	28.59 -0.17 0.00	26.77 -0.30 0.00	26.66 -0.30 0.00	25.93 -0.21 0.00	26.52 -0.16 0.00	27.30 -0.05 0.00	31.62 0.34 0.00	32.45 0.35 0.00	33.99 0.17 0.00	35.52 0.25 0.00	37.90 0.11 0.00	40.51 0.08 0.00	42.75 -0.52 0.00	45.83 -0.56 0.00	47.53 -0.93 0.40	56.35 -1.20 2.60	65.36 -1.36 4.76	102.43 -1.24 -15.37	64.24 -0.76 4.35	54.23 -0.40 1.90	47.96 0.38 0.00	40.85 0.16 0.00	37.64 0.08 0.00	32.65 -0.10 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.75 1.98 0.00	28.88 1.81 0.00	28.61 1.64 0.00	27.71 1.57 0.00	28.31 1.63 0.00	29.27 1.92 0.00	33.44 2.16 0.00	34.25 2.15 0.00	36.15 2.33 0.00	37.57 2.29 0.00	40.05 2.27 0.00	42.83 2.51 0.10	46.13 2.86 0.00	49.63 3.25 0.00	52.26 3.57 0.17	63.39 4.51 1.28	74.59 5.29 2.17	92.80 6.71 2.20	73.98 5.55 0.91	60.99 4.47 0.00	51.39 3.81 0.00	43.66 2.97 0.00	40.15 2.59 0.00	35.01 2.26 0.00

LUTHERNY_35_KV_BK2 355980	30.75 1.98 0.00	28.91 1.84 0.00	28.63 1.67 0.00	27.74 1.59 0.00	28.31 1.63 0.00	29.27 1.92 0.00	33.47 2.19 0.00	34.28 2.18 0.00	36.15 2.33 0.00	37.60 2.33 0.00	40.09 2.30 0.00	42.87 2.55 0.10	46.17 2.90 0.00	49.68 3.29 0.00	52.31 3.62 0.17	63.45 4.57 1.28	74.66 5.36 2.17	92.89 6.80 2.20	74.05 5.62 0.91	61.05 4.52 0.00	51.43 3.85 0.00	43.70 3.01 0.00	40.19 2.63 0.00	35.04 2.29 0.00
LWR___OSWEGATCHIE_HYD 23850	27.87 -0.89 0.00	26.26 -0.81 0.00	26.21 -0.75 0.00	25.54 -0.60 0.00	26.09 -0.59 0.00	26.57 -0.79 0.00	30.62 -0.66 0.00	31.33 -0.77 0.00	32.87 -0.95 0.00	34.36 -0.92 0.00	36.69 -1.10 0.00	39.30 -1.13 0.00	41.45 -1.82 0.00	44.02 -2.37 0.00	44.87 -3.03 0.97	49.58 -3.79 6.79	54.77 -4.50 12.20	48.30 -5.21 34.78	54.30 -3.95 11.09	48.34 -3.05 5.13	45.62 -1.95 0.00	39.47 -1.22 0.00	36.32 -1.24 0.00	31.54 -1.21 0.00
LYONS_FALL_HYD 23570	29.02 0.26 0.00	27.18 0.11 0.00	27.07 0.11 0.00	26.27 0.13 0.00	26.84 0.16 0.00	27.63 0.27 0.00	31.90 0.63 0.00	32.77 0.68 0.00	34.36 0.54 0.00	35.91 0.64 0.00	38.39 0.60 0.00	40.99 0.57 0.00	43.53 0.26 0.00	46.66 0.28 0.00	48.70 0.10 0.27	58.68 0.06 1.54	68.73 0.14 2.89	99.39 0.53 -10.56	67.24 0.55 2.66	56.02 0.57 1.07	48.48 0.90 0.00	41.26 0.57 0.00	38.05 0.49 0.00	33.01 0.26 0.00
MADISON___COUNTY_LFGE 323628	29.80 1.04 0.00	27.88 0.81 0.00	27.74 0.78 0.00	26.85 0.71 0.00	27.40 0.72 0.00	28.29 0.93 0.00	32.50 1.22 0.00	33.44 1.35 0.00	35.10 1.29 0.00	36.69 1.41 0.00	39.26 1.47 0.00	41.96 1.54 0.00	44.87 1.60 0.00	48.29 1.90 0.00	50.65 1.86 0.08	62.17 2.17 0.15	73.70 2.64 0.42	94.78 3.36 -3.13	71.70 2.77 0.42	58.90 2.37 0.00	49.67 2.09 0.00	42.12 1.42 0.00	38.84 1.28 0.00	33.70 0.95 0.00
MALONE___115KV_TB1 356076	27.70 -1.06 0.00	26.39 -0.68 0.00	26.45 -0.51 0.00	25.85 -0.29 0.00	26.38 -0.29 0.00	26.67 -0.68 0.00	30.69 -0.59 0.00	31.45 -0.64 0.00	33.11 -0.71 0.00	34.68 -0.60 0.00	37.29 -0.49 0.00	40.06 -0.36 0.00	42.66 -0.61 0.00	44.20 -2.18 0.00	45.37 -2.88 0.61	46.67 -3.67 9.82	51.60 -4.43 15.45	51.11 -5.21 31.97	51.74 -4.09 13.51	44.17 -3.34 9.03	45.15 -2.43 0.01	40.00 -0.69 0.00	36.55 -1.01 0.00	31.80 -0.95 0.00
MAPLEWOD_115KV_TB3 80458	29.60 0.83 0.00	27.83 0.76 0.00	27.64 0.67 0.00	26.72 0.58 0.00	27.27 0.59 0.00	28.18 0.82 0.00	32.12 0.84 0.00	32.90 0.80 0.00	34.77 0.95 0.00	36.16 0.88 0.00	38.62 0.83 0.00	41.23 0.89 0.09	44.35 1.08 0.00	47.82 1.44 0.00	50.47 1.76 0.15	61.37 2.35 1.13	72.27 2.72 1.92	89.79 3.44 1.95	71.24 2.70 0.81	58.56 2.03 0.00	49.24 1.67 0.00	41.87 1.18 0.00	38.69 1.13 0.00	33.83 1.08 0.00
MAPLE_RIDGE_WT_1 323574	27.38 -1.38 0.00	25.85 -1.22 0.00	25.83 -1.13 0.00	25.20 -0.94 0.00	25.72 -0.96 0.00	26.26 -1.10 0.00	30.18 -1.10 0.00	30.97 -1.12 0.00	32.77 -1.05 0.00	34.36 -0.92 0.00	36.80 -0.98 0.00	39.30 -1.13 0.00	41.97 -1.30 0.00	44.81 -1.58 0.00	47.20 -1.52 0.15	43.64 -1.80 14.71	48.25 -2.22 21.01	43.61 -2.65 42.03	49.40 -2.15 17.80	39.63 -1.81 15.08	45.95 -1.62 0.01	39.47 -1.22 0.00	36.51 -1.05 0.00	31.87 -0.88 0.00
MAPLE_RIDGE_WT_2 323611	27.38 -1.38 0.00	25.85 -1.22 0.00	25.83 -1.13 0.00	25.20 -0.94 0.00	25.72 -0.96 0.00	26.26 -1.10 0.00	30.18 -1.10 0.00	30.97 -1.12 0.00	32.77 -1.05 0.00	34.36 -0.92 0.00	36.80 -0.98 0.00	39.30 -1.13 0.00	41.97 -1.30 0.00	44.81 -1.58 0.00	47.20 -1.52 0.15	43.64 -1.80 14.71	48.25 -2.22 21.01	43.61 -2.65 42.03	49.40 -2.15 17.80	39.63 -1.81 15.08	45.95 -1.62 0.01	39.47 -1.22 0.00	36.51 -1.05 0.00	31.87 -0.88 0.00
MARBLE_RIVER_WT_PWR 323696	27.73 -1.03 0.00	26.28 -0.79 0.00	26.42 -0.54 0.00	25.91 -0.24 0.00	26.44 -0.24 0.00	26.78 -0.58 0.00	30.78 -0.50 0.00	31.58 -0.51 0.00	33.31 -0.51 0.00	34.89 -0.39 0.00	37.56 -0.23 0.00	39.22 -1.21 0.00	40.93 -2.34 0.00	43.32 -3.06 0.00	45.57 -3.08 0.22	46.72 -3.79 9.65	52.79 -4.58 14.12	53.12 -5.39 29.78	52.99 -4.30 12.06	43.33 -3.56 9.64	44.58 -3.00 0.01	39.15 -1.55 0.00	36.96 -0.60 0.00	32.13 -0.62 0.00
MARSHVLE_115KV_TB1 80742	31.67 2.91 0.00	29.70 2.63 0.00	29.44 2.48 0.00	28.52 2.38 0.00	29.13 2.45 0.00	30.15 2.79 0.00	34.53 3.25 0.00	35.11 3.02 0.00	36.56 2.74 0.00	37.78 2.50 0.00	40.32 2.53 0.00	43.45 3.07 0.05	46.73 3.46 0.00	50.28 3.90 0.00	52.98 4.20 0.09	64.85 5.35 0.65	76.80 6.43 1.11	96.35 9.18 1.13	76.65 7.77 0.47	62.86 6.33 0.00	53.19 5.61 0.00	45.17 4.48 0.00	41.43 3.87 0.00	35.96 3.21 0.00
MARSH_HILL_WT_PWR 323713	29.51 0.75 0.00	27.91 0.84 0.00	27.64 0.67 0.00	26.30 0.16 0.00	26.76 0.08 0.00	27.58 0.22 0.00	32.00 0.72 0.00	34.09 1.99 0.00	35.98 2.17 0.00	38.06 2.79 0.00	41.33 3.55 0.00	44.11 3.68 0.00	47.42 4.15 0.00	50.70 4.31 0.00	52.73 3.86 0.00	62.93 2.77 0.00	75.55 4.07 0.00	93.21 4.94 0.02	75.18 5.83 0.00	62.52 5.99 0.00	52.72 5.14 0.00	44.56 3.87 0.00	40.79 3.23 0.00	35.01 2.26 0.00
MCINTYRE_115KV_TB2 80467	28.30 -0.46 0.00	26.88 -0.19 0.00	26.88 -0.08 0.00	26.30 0.16 0.00	26.78 0.11 0.00	27.06 -0.30 0.00	31.06 -0.22 0.00	31.62 -0.48 0.00	33.14 -0.68 0.00	34.60 -0.67 0.00	36.92 -0.87 0.00	39.50 -0.93 0.00	42.06 -1.21 0.00	44.30 -2.09 0.00	44.38 -2.88 1.60	45.49 -3.73 10.94	47.14 -4.57 19.77	45.86 -5.12 37.31	47.43 -3.95 17.96	45.34 -3.00 8.19	45.19 -2.38 0.01	39.76 -0.94 0.00	36.51 -1.05 0.00	31.77 -0.98 0.00
MECO_____69_KV_BK1 80468	31.75 2.99 0.00	29.80 2.73 0.00	29.50 2.53 0.00	28.57 2.43 0.00	29.21 2.53 0.00	30.23 2.87 0.00	34.63 3.35 0.00	35.34 3.24 0.00	36.96 3.15 0.00	38.24 2.96 0.00	40.88 3.10 0.00	43.93 3.56 0.06	47.25 3.98 0.00	50.84 4.45 0.00	53.56 4.79 0.10	65.63 6.20 0.72	77.69 7.43 1.22	97.12 10.07 1.24	77.16 8.32 0.51	63.25 6.73 0.00	53.43 5.85 0.00	45.29 4.60 0.00	41.50 3.94 0.00	36.02 3.27 0.00
MENANDS___115KV_TB5 355628	29.37 0.60 0.00	27.64 0.57 0.00	27.45 0.49 0.00	26.53 0.39 0.00	27.08 0.40 0.00	27.99 0.63 0.00	31.87 0.59 0.00	32.67 0.58 0.00	34.53 0.71 0.00	35.87 0.60 0.00	38.31 0.53 0.00	40.95 0.61 0.09	44.01 0.74 0.00	47.45 1.07 0.00	50.13 1.42 0.15	60.90 1.86 1.12	71.72 2.14 1.90	89.10 2.74 1.93	70.63 2.08 0.80	58.11 1.58 0.00	48.82 1.24 0.00	41.55 0.85 0.00	38.39 0.83 0.00	33.60 0.85 0.00
MG INDUSTRY___DRP 24185	29.45 0.69 0.00	27.72 0.65 0.00	27.58 0.62 0.00	26.69 0.55 0.00	27.24 0.56 0.00	28.10 0.74 0.00	32.03 0.75 0.00	32.74 0.64 0.00	34.49 0.68 0.00	35.84 0.56 0.00	38.24 0.45 0.00	40.83 0.44 0.05	43.83 0.56 0.00	47.22 0.83 0.00	49.86 1.08 0.08	61.00 1.44 0.60	72.18 1.72 1.02	89.56 2.30 1.03	70.86 1.94 0.43	58.05 1.53 0.00	48.86 1.28 0.00	41.63 0.94 0.00	38.46 0.90 0.00	33.63 0.88 0.00

MID___OSWEGATCHIE_HYD 23849	27.87 -0.89 0.00	26.26 -0.81 0.00	26.21 -0.75 0.00	25.54 -0.60 0.00	26.09 -0.59 0.00	26.57 -0.79 0.00	30.62 -0.66 0.00	31.33 -0.77 0.00	32.87 -0.95 0.00	34.36 -0.92 0.00	36.69 -1.10 0.00	39.30 -1.13 0.00	41.45 -1.82 0.00	44.02 -2.37 0.00	44.87 -3.03 0.97	49.58 -3.79 6.79	54.77 -4.50 12.20	48.30 -5.21 34.78	54.30 -3.95 11.09	48.34 -3.05 5.13	45.62 -1.95 0.00	39.47 -1.22 0.00	36.32 -1.24 0.00	31.54 -1.21 0.00
MID___RAQUETTE_HYD 23851	27.50 -1.27 0.00	26.12 -0.95 0.00	26.13 -0.84 0.00	25.54 -0.60 0.00	26.04 -0.64 0.00	26.26 -1.09 0.00	30.09 -1.19 0.00	30.68 -1.41 0.00	32.26 -1.56 0.00	33.72 -1.55 0.00	36.05 -1.74 0.00	38.65 -1.78 0.00	41.06 -2.21 0.00	43.23 -3.15 0.00	43.33 -4.10 1.43	44.81 -5.17 10.18	46.96 -6.29 18.23	44.32 -7.42 36.56	46.90 -5.89 16.55	44.09 -4.69 7.74	43.81 -3.76 0.01	38.66 -2.03 0.00	35.53 -2.03 0.00	30.95 -1.80 0.00
MILLIKEN___1 23584	29.71 0.95 0.00	27.77 0.70 0.00	27.61 0.65 0.00	26.64 0.50 0.00	27.21 0.53 0.00	28.15 0.79 0.00	32.37 1.09 0.00	33.35 1.25 0.00	34.90 1.08 0.00	36.40 1.13 0.00	39.07 1.28 0.00	41.76 1.33 0.00	44.70 1.43 0.00	48.10 1.72 0.00	50.46 1.61 0.02	61.85 1.74 0.05	73.71 2.36 0.13	91.25 3.09 0.13	72.07 2.84 0.13	59.01 2.49 0.00	49.77 2.19 0.00	42.20 1.51 0.00	38.84 1.28 0.00	33.63 0.88 0.00
MILLIKEN___2 23585	29.71 0.95 0.00	27.77 0.70 0.00	27.61 0.65 0.00	26.64 0.50 0.00	27.21 0.53 0.00	28.15 0.79 0.00	32.37 1.09 0.00	33.35 1.25 0.00	34.90 1.08 0.00	36.40 1.13 0.00	39.07 1.28 0.00	41.76 1.33 0.00	44.70 1.43 0.00	48.10 1.72 0.00	50.46 1.61 0.02	61.85 1.74 0.05	73.71 2.36 0.13	91.25 3.09 0.13	72.07 2.84 0.13	59.01 2.49 0.00	49.77 2.19 0.00	42.20 1.51 0.00	38.84 1.28 0.00	33.63 0.88 0.00
MILLIKEN___DIESEL 23629	29.71 0.95 0.00	27.77 0.70 0.00	27.61 0.65 0.00	26.64 0.50 0.00	27.21 0.53 0.00	28.15 0.79 0.00	32.37 1.09 0.00	33.35 1.25 0.00	34.90 1.08 0.00	36.40 1.13 0.00	39.07 1.28 0.00	41.76 1.33 0.00	44.70 1.43 0.00	48.10 1.72 0.00	50.46 1.61 0.02	61.85 1.74 0.05	73.71 2.36 0.13	91.25 3.09 0.13	72.07 2.84 0.13	59.01 2.49 0.00	49.77 2.19 0.00	42.20 1.51 0.00	38.84 1.28 0.00	33.63 0.88 0.00
MILLSEAT___LFGE 323607	29.22 0.46 0.00	27.40 0.33 0.00	27.20 0.24 0.00	25.85 -0.29 0.00	26.57 -0.11 0.00	27.55 0.19 0.00	31.59 0.31 0.00	32.87 0.77 0.00	34.36 0.54 0.00	35.98 0.71 0.00	39.22 1.44 0.00	41.72 1.29 0.00	45.13 1.86 0.00	48.10 1.72 0.00	49.70 0.83 0.00	59.67 -0.48 0.00	71.20 -0.28 0.00	86.67 -1.59 0.04	68.94 -0.41 0.00	57.15 0.62 0.00	48.67 1.10 0.00	41.26 0.57 0.00	37.64 0.08 0.00	32.45 -0.30 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.58 1.81 0.00	28.56 1.49 0.00	28.23 1.27 0.00	27.27 1.12 0.00	27.80 1.12 0.00	28.81 1.45 0.00	32.87 1.60 0.00	33.89 1.80 0.00	35.88 2.06 0.00	37.43 2.15 0.00	40.09 2.30 0.00	42.98 2.47 -0.09	45.95 2.68 0.00	49.86 3.48 0.00	53.17 4.15 -0.15	66.87 5.59 -1.12	80.17 6.79 -1.90	98.69 8.48 -1.93	76.60 6.45 -0.80	61.39 4.86 0.00	51.19 3.62 0.00	43.34 2.64 0.00	40.11 2.55 0.00	35.14 2.39 0.00
MILLWOOD_13_KV_LOAD 356217	30.72 1.96 0.00	28.67 1.60 0.00	28.31 1.35 0.00	27.37 1.23 0.00	27.88 1.20 0.00	28.89 1.53 0.00	33.00 1.72 0.00	34.02 1.93 0.00	36.02 2.20 0.00	37.60 2.33 0.00	40.28 2.49 0.00	43.22 2.71 -0.09	46.26 2.99 0.00	50.19 3.80 0.00	53.52 4.50 -0.15	67.35 6.08 -1.12	80.88 7.51 -1.90	99.58 9.36 -1.93	77.43 7.28 -0.80	61.95 5.43 0.00	51.58 4.00 0.00	43.66 2.97 0.00	40.34 2.78 0.00	35.34 2.59 0.00
MODEL_CITY_ENERGY 24167	28.39 -0.37 0.00	26.67 -0.41 0.00	26.48 -0.48 0.00	25.12 -1.02 0.00	25.85 -0.83 0.00	26.81 -0.55 0.00	30.65 -0.63 0.00	31.81 -0.29 0.00	33.31 -0.51 0.00	34.92 -0.35 0.00	38.08 0.30 0.00	40.51 0.08 0.00	43.83 0.56 0.00	46.75 0.37 0.00	48.19 -0.68 0.00	57.81 -2.35 0.00	69.12 -2.36 0.00	84.02 -4.24 0.03	66.79 -2.56 0.00	55.51 -1.02 0.00	47.20 -0.38 0.00	40.04 -0.65 0.00	36.55 -1.01 0.00	31.57 -1.18 0.00
MODERN_LFGE___ 323580	28.39 -0.37 0.00	26.67 -0.41 0.00	26.48 -0.48 0.00	25.12 -1.02 0.00	25.85 -0.83 0.00	26.81 -0.55 0.00	30.65 -0.63 0.00	31.81 -0.29 0.00	33.31 -0.51 0.00	34.92 -0.35 0.00	38.08 0.30 0.00	40.51 0.08 0.00	43.83 0.56 0.00	46.75 0.37 0.00	48.19 -0.68 0.00	57.81 -2.35 0.00	69.12 -2.36 0.00	84.02 -4.24 0.03	66.79 -2.56 0.00	55.51 -1.02 0.00	47.20 -0.38 0.00	40.04 -0.65 0.00	36.55 -1.01 0.00	31.57 -1.18 0.00
MOHAWK_PAPER___DRP 24187	29.60 0.83 0.00	27.83 0.76 0.00	27.64 0.67 0.00	26.72 0.58 0.00	27.27 0.59 0.00	28.18 0.82 0.00	32.12 0.84 0.00	32.90 0.80 0.00	34.77 0.95 0.00	36.16 0.88 0.00	38.62 0.83 0.00	41.23 0.89 0.09	44.35 1.08 0.00	47.82 1.44 0.00	50.47 1.76 0.15	61.37 2.35 1.13	72.27 2.72 1.92	89.79 3.44 1.95	71.24 2.70 0.81	58.56 2.03 0.00	49.24 1.67 0.00	41.87 1.18 0.00	38.69 1.13 0.00	33.83 1.08 0.00
MOHICAN___35_KV_115KV_LD 80490	31.09 2.33 0.00	29.24 2.17 0.00	28.93 1.97 0.00	28.05 1.91 0.00	28.65 1.97 0.00	29.63 2.27 0.00	33.91 2.63 0.00	34.76 2.66 0.00	36.63 2.81 0.00	38.10 2.82 0.00	40.47 2.68 0.00	43.32 2.99 0.09	46.73 3.46 0.00	50.19 3.80 0.00	52.81 4.10 0.16	64.11 5.17 1.21	75.35 5.93 2.06	94.15 7.95 2.09	75.41 6.93 0.87	62.12 5.60 0.00	52.38 4.81 0.00	44.48 3.78 0.00	40.79 3.23 0.00	35.53 2.78 0.00
MONGAUP___HYD 23641	30.52 1.75 0.00	28.61 1.54 0.00	28.31 1.35 0.00	27.29 1.15 0.00	27.82 1.15 0.00	28.78 1.42 0.00	32.78 1.50 0.00	33.61 1.51 0.00	35.44 1.62 0.00	36.90 1.62 0.00	39.41 1.62 0.00	42.40 1.90 -0.07	45.49 2.21 -0.01	49.31 2.92 0.00	52.31 3.32 -0.12	65.51 4.45 -0.90	78.16 5.15 -1.53	95.93 6.09 -1.55	75.61 5.61 -0.64	61.10 4.58 0.00	51.24 3.66 0.00	43.34 2.64 0.00	39.93 2.37 0.00	34.88 2.13 0.00
MONTAUK___DIESEL 23721	31.70 2.93 0.00	29.45 2.38 0.00	29.15 2.18 0.00	28.21 2.07 0.00	28.63 1.95 0.00	29.68 2.33 0.00	33.56 2.28 0.00	34.73 2.63 0.00	37.91 3.28 -0.81	39.35 3.67 -0.41	41.75 3.97 0.00	44.84 4.33 -0.09	47.26 3.98 0.00	54.61 5.29 -2.94	61.76 6.06 -6.83	77.26 8.90 -8.20	98.60 11.22 -15.90	123.60 14.48 -20.83	91.91 12.41 -10.15	73.46 10.06 -6.87	58.04 8.18 -2.27	47.82 6.27 -0.87	41.95 4.39 0.00	37.78 4.45 -0.57
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.51 0.75 0.00	27.40 0.32 0.00	27.20 0.24 0.00	26.06 -0.08 0.00	26.97 0.29 0.00	28.02 0.66 0.00	32.19 0.91 0.00	33.86 1.77 0.00	35.61 1.79 0.00	37.32 2.05 0.00	40.84 3.06 0.00	43.38 2.95 0.00	46.77 3.50 0.00	50.74 4.36 0.00	52.25 3.37 -0.01	62.75 2.59 -0.01	75.13 3.65 -0.01	90.38 2.12 0.03	72.61 3.26 -0.01	59.81 3.28 0.00	50.86 3.28 0.00	42.97 2.28 0.00	39.29 1.73 0.00	33.73 0.98 0.00

MORRIS_RIDGE___SOLAR 323848	29.14 0.37 0.00	27.02 -0.05 0.00	26.83 -0.13 0.00	25.78 -0.37 0.00	26.52 -0.16 0.00	27.50 0.14 0.00	31.56 0.28 0.00	32.87 0.77 0.00	34.43 0.61 0.00	36.09 0.81 0.00	39.07 1.28 0.00	41.68 1.25 0.00	44.78 1.51 0.00	48.42 2.04 0.00	50.19 1.32 0.00	60.70 0.54 0.00	72.63 1.14 0.00	88.27 0.00 0.03	70.39 1.04 0.00	58.00 1.47 0.00	49.24 1.67 0.00	41.59 0.90 0.00	38.16 0.60 0.00	32.88 0.13 0.00
MORTIMER_115KV_TB3 55949	28.96 0.20 0.00	26.99 -0.08 0.00	26.80 -0.16 0.00	25.75 -0.39 0.00	26.44 -0.24 0.00	27.33 -0.03 0.00	31.31 0.03 0.00	32.58 0.48 0.00	34.16 0.34 0.00	35.70 0.42 0.00	38.73 0.94 0.00	41.28 0.85 0.00	44.35 1.08 0.00	47.73 1.35 0.00	49.55 0.68 0.00	60.15 0.00 0.00	71.55 0.07 0.00	87.90 -0.35 0.04	69.21 -0.14 0.00	56.98 0.45 0.00	48.48 0.90 0.00	41.06 0.37 0.00	37.56 0.00 0.00	32.39 -0.36 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.86 2.10 0.00	28.78 1.71 0.00	28.42 1.46 0.00	27.45 1.31 0.00	27.96 1.28 0.00	28.97 1.61 0.00	33.12 1.85 0.00	34.21 2.12 0.00	36.29 2.47 0.00	37.89 2.61 0.00	40.58 2.80 0.00	43.51 2.99 -0.09	46.39 3.12 0.00	50.33 3.94 0.00	53.66 4.64 -0.15	67.48 6.20 -1.13	80.98 7.58 -1.92	99.60 9.36 -1.95	77.16 7.00 -0.81	61.84 5.31 0.00	51.53 3.95 0.00	43.74 3.05 0.00	40.56 3.00 0.00	35.53 2.78 0.00
MUNSVILLE_WIND_PWR 323609	31.55 2.79 0.00	29.48 2.41 0.00	29.23 2.27 0.00	28.15 2.01 0.00	28.79 2.11 0.00	30.15 2.79 0.00	34.84 3.56 0.00	38.74 6.64 0.00	40.14 6.32 0.00	42.40 7.13 0.00	45.15 7.37 0.00	48.15 7.72 0.00	51.62 8.35 0.00	55.48 9.09 0.00	57.61 8.75 0.00	70.62 10.47 0.00	84.20 12.72 0.00	98.34 10.06 0.01	77.95 8.60 0.00	63.02 6.50 0.00	53.05 5.47 0.00	44.68 3.99 0.00	41.05 3.49 0.00	35.44 2.69 0.00
N SALMON___HYD 24042	27.70 -1.06 0.00	26.23 -0.84 0.00	26.34 -0.62 0.00	25.85 -0.29 0.00	26.39 -0.29 0.00	26.68 -0.68 0.00	30.68 -0.60 0.00	31.45 -0.64 0.00	33.11 -0.71 0.00	34.68 -0.60 0.00	37.29 -0.49 0.00	39.30 -1.13 0.00	41.19 -2.08 0.00	43.46 -2.92 0.00	45.37 -2.88 0.61	46.67 -3.67 9.82	51.60 -4.43 15.45	51.11 -5.21 31.97	51.74 -4.09 13.51	44.11 -3.39 9.03	44.81 -2.76 0.01	39.15 -1.55 0.00	36.55 -1.01 0.00	31.80 -0.95 0.00
N.AKRON__115KV_KNAPP 355671	29.25 0.49 0.00	27.12 0.05 0.00	26.93 -0.03 0.00	25.83 -0.31 0.00	26.60 -0.08 0.00	27.55 0.19 0.00	31.53 0.25 0.00	32.87 0.77 0.00	34.39 0.57 0.00	35.91 0.63 0.00	39.14 1.36 0.00	41.60 1.17 0.00	44.78 1.51 0.00	48.29 1.90 0.00	49.70 0.83 0.00	59.68 -0.48 0.00	71.27 -0.21 0.00	86.76 -1.50 0.04	68.93 -0.42 0.00	57.04 0.51 0.00	48.82 1.24 0.00	41.22 0.53 0.00	37.67 0.11 0.00	32.45 -0.29 0.00
N.BELMOR_69_KV_BK1 55787	31.32 2.56 0.00	29.18 2.11 0.00	28.82 1.86 0.00	27.87 1.73 0.00	28.39 1.71 0.00	29.47 2.11 0.00	33.53 2.25 0.00	34.70 2.60 0.00	37.61 2.98 -0.81	38.82 3.14 -0.41	41.00 3.21 0.00	43.95 3.44 -0.09	46.82 3.55 0.00	64.61 4.50 -13.73	85.44 5.23 -31.34	75.66 7.22 -8.29	131.82 8.79 -51.55	101.94 10.86 -2.78	121.94 8.18 -44.41	69.72 6.33 -6.86	54.70 4.85 -2.26	45.58 3.91 -0.99	40.90 3.34 0.00	36.66 3.34 -0.57
N.E_GEN_SANDY PD 24062	29.94 1.18 0.00	28.21 1.14 0.00	27.90 0.94 0.00	26.90 0.76 0.00	27.48 0.80 0.00	28.45 1.10 0.00	32.40 1.12 0.00	33.22 1.12 0.00	35.17 1.35 0.00	36.47 1.20 0.00	38.92 1.13 0.00	41.00 1.21 0.64	44.56 1.38 0.09	48.33 1.95 0.00	50.00 2.25 1.12	55.00 3.07 8.22	61.20 3.71 13.99	78.80 4.68 14.17	67.00 3.53 5.88	59.18 2.66 0.00	49.67 2.09 0.00	43.78 1.67 -1.42	37.64 1.50 1.42	34.29 1.54 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.55 1.78 0.00	28.53 1.46 0.00	28.20 1.24 0.00	27.24 1.10 0.00	27.75 1.07 0.00	28.75 1.40 0.00	32.78 1.50 0.00	33.77 1.67 0.00	35.68 1.86 0.00	37.25 1.98 0.00	39.90 2.12 0.00	42.81 2.30 -0.08	45.82 2.55 0.00	49.72 3.34 0.00	53.02 4.01 -0.14	66.66 5.47 -1.03	79.81 6.58 -1.75	98.28 8.21 -1.78	76.33 6.24 -0.74	61.16 4.64 0.00	51.00 3.43 0.00	43.17 2.48 0.00	39.96 2.40 0.00	35.01 2.26 0.00
N.QUEENS_27_KV_LOAD 356247	31.16 2.39 -0.01	29.05 1.98 -0.01	28.66 1.70 0.00	27.63 1.49 0.00	28.15 1.47 0.00	29.05 1.70 0.00	33.19 1.91 0.00	34.28 2.18 0.00	36.39 2.57 0.00	38.02 2.75 0.01	40.81 3.02 0.00	43.71 3.19 -0.09	46.43 3.16 0.00	50.42 4.04 0.00	53.71 4.69 -0.15	67.60 6.32 -1.13	81.12 7.72 -1.92	99.86 9.62 -1.94	77.29 7.14 -0.80	62.00 5.48 0.01	51.62 4.04 0.00	44.31 3.62 0.00	40.87 3.31 -0.01	35.80 3.05 -0.01
N.TROY___115KV_TB1 355778	29.94 1.18 0.00	28.15 1.08 0.00	27.93 0.97 0.00	27.00 0.86 0.00	27.59 0.91 0.00	28.51 1.15 0.00	32.53 1.25 0.00	33.32 1.22 0.00	35.17 1.35 0.00	36.54 1.27 0.00	38.96 1.17 0.00	41.56 1.25 0.12	44.70 1.43 0.00	48.19 1.81 0.00	50.77 2.10 0.20	61.42 2.77 1.50	72.21 3.29 2.55	89.86 4.15 2.59	71.60 3.33 1.07	59.13 2.60 0.00	49.77 2.19 0.00	42.32 1.63 0.00	39.10 1.54 0.00	34.19 1.44 0.00
NARROWS_GT1_1 24228	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NARROWS_GT1_2 24229	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NARROWS_GT1_3 24230	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NARROWS_GT1_4 24231	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76

NARROWS_GT1_5 24232	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NARROWS_GT1_6 24233	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NARROWS_GT1_7 24234	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NARROWS_GT1_8 24235	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NARROWS_GT2_1 24236	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NARROWS_GT2_2 24237	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NARROWS_GT2_3 24238	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NARROWS_GT2_4 24239	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NARROWS_GT2_5 24240	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NARROWS_GT2_6 24241	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NARROWS_GT2_7 24242	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NARROWS_GT2_8 24243	86.97 2.44 -55.76	49.00 2.08 -19.85	42.53 1.73 -13.84	42.49 1.46 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.70 2.00 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.00 3.00 -18.72	88.22 3.17 -47.26	73.25 3.64 -29.19	69.74 3.72 -22.75	73.72 4.73 -22.60	86.49 4.93 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.74 5.54 -59.67	69.74 4.23 -17.93	69.73 3.62 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.71 0.95 0.00	27.96 0.89 0.00	27.80 0.84 0.00	26.90 0.76 0.00	27.45 0.77 0.00	28.34 0.98 0.00	32.22 0.94 0.00	32.83 0.74 0.00	34.56 0.74 0.00	35.77 0.49 0.00	38.12 0.34 0.00	40.80 0.40 0.03	43.96 0.69 0.00	47.40 1.02 0.00	50.67 1.86 0.06	62.15 2.41 0.41	73.78 3.00 0.70	91.73 4.15 0.71	72.52 3.47 0.29	58.84 2.32 0.00	49.67 2.09 0.00	42.08 1.38 0.00	38.91 1.35 0.00	33.90 1.15 0.00
NCHELSEA_115KV_TR2 355582	30.69 1.93 0.00	28.69 1.62 0.00	28.39 1.43 0.00	27.42 1.28 0.00	27.96 1.28 0.00	28.95 1.59 0.00	32.97 1.69 0.00	33.89 1.80 0.00	35.85 2.03 0.00	37.39 2.12 0.00	40.05 2.27 0.00	42.92 2.43 -0.07	46.08 2.81 0.00	49.96 3.57 0.00	53.29 4.30 -0.12	66.80 5.77 -0.87	80.04 7.08 -1.49	98.63 8.83 -1.50	76.77 6.80 -0.62	61.61 5.09 0.00	51.48 3.90 0.00	43.46 2.77 0.00	40.19 2.63 0.00	35.17 2.42 0.00
NEG CAPITAL___MECHNVIL 23645	30.63 1.87 0.00	28.86 1.79 0.00	28.55 1.59 0.00	27.60 1.46 0.00	28.17 1.49 0.00	29.16 1.81 0.00	33.31 2.03 0.00	34.12 2.02 0.00	36.02 2.20 0.00	37.43 2.15 0.00	39.97 2.19 0.00	42.79 2.47 0.11	46.11 2.86 0.02	49.63 3.25 0.00	52.15 3.47 0.18	63.25 4.45 1.36	74.32 5.15 2.31	92.48 6.53 2.34	73.79 5.41 0.97	60.88 4.35 0.00	51.24 3.66 0.00	43.58 2.89 0.00	40.04 2.48 0.00	34.91 2.16 0.00

NEG CENTRAL_HIGH_ACRES 23767	28.53 -0.23 0.00	26.77 -0.30 0.00	26.58 -0.38 0.00	25.44 -0.70 0.00	26.07 -0.61 0.00	26.95 -0.41 0.00	30.97 -0.31 0.00	32.16 0.06 0.00	33.75 -0.07 0.00	35.31 0.04 0.00	38.24 0.46 0.00	40.83 0.40 0.00	43.96 0.69 0.00	46.99 0.60 0.00	48.97 0.10 0.00	59.49 -0.66 0.00	70.83 -0.64 0.00	87.02 -1.24 0.03	68.52 -0.83 0.00	56.36 -0.17 0.00	47.72 0.14 0.00	40.49 -0.20 0.00	37.03 -0.53 0.00	32.00 -0.75 0.00
NEG CENTRAL___DRP 24199	29.25 0.49 0.00	27.31 0.24 0.00	27.12 0.16 0.00	26.14 0.00 0.00	26.76 0.08 0.00	27.69 0.33 0.00	31.84 0.56 0.00	33.03 0.93 0.00	34.60 0.78 0.00	36.12 0.85 0.00	38.80 1.02 0.00	41.52 1.09 0.00	44.44 1.17 0.00	47.82 1.44 0.00	50.02 1.17 0.02	61.07 0.96 0.05	72.98 1.64 0.14	89.74 1.59 0.14	70.95 1.73 0.13	58.22 1.70 0.00	49.20 1.62 0.00	41.67 0.98 0.00	38.27 0.71 0.00	33.14 0.39 0.00
NEG CENTRAL___INDECK 23768	30.12 1.35 0.00	28.18 1.11 0.00	27.93 0.97 0.00	26.66 0.52 0.00	27.37 0.69 0.00	28.40 1.04 0.00	32.65 1.37 0.00	33.83 1.73 0.00	35.03 1.22 0.00	36.54 1.27 0.00	39.56 1.78 0.00	40.95 0.52 0.00	44.18 0.91 0.00	47.26 0.88 0.00	49.02 0.15 0.00	59.50 -0.66 0.00	71.12 -0.36 0.00	87.38 -0.88 0.03	69.70 0.35 0.00	57.77 1.24 0.00	49.24 1.66 0.00	41.75 1.06 0.00	38.01 0.45 0.00	33.77 1.02 0.00
NEG CENTRAL___SENECA 23627	29.51 0.75 0.00	27.50 0.43 0.00	27.31 0.35 0.00	26.27 0.13 0.00	26.92 0.24 0.00	27.91 0.55 0.00	32.16 0.88 0.00	33.44 1.35 0.00	34.97 1.15 0.00	36.51 1.23 0.00	39.22 1.44 0.00	41.92 1.50 0.00	44.96 1.69 0.00	48.47 2.09 0.00	50.58 1.71 0.00	61.66 1.50 0.00	73.69 2.22 0.00	90.30 2.03 0.02	71.64 2.29 0.00	58.79 2.26 0.00	49.72 2.14 0.00	41.99 1.30 0.00	38.50 0.94 0.00	33.34 0.59 0.00
NEG CENTRAL___STATE_STREET 24147	29.17 0.40 0.00	27.29 0.22 0.00	27.10 0.13 0.00	26.14 0.00 0.00	26.70 0.03 0.00	27.60 0.25 0.00	31.69 0.41 0.00	32.77 0.67 0.00	34.39 0.57 0.00	35.91 0.63 0.00	38.58 0.79 0.00	41.32 0.89 0.00	44.18 0.91 0.00	47.50 1.11 0.00	49.77 0.93 0.03	60.94 0.84 0.05	72.83 1.50 0.15	89.83 1.68 0.14	70.80 1.60 0.14	58.05 1.53 0.00	49.01 1.43 0.00	41.55 0.85 0.00	38.24 0.68 0.00	33.14 0.39 0.00
NEG MILLWOOD___DRP 24198	30.89 2.13 0.00	28.83 1.76 0.00	28.50 1.54 0.00	27.55 1.41 0.00	28.07 1.39 0.00	29.08 1.72 0.00	33.19 1.91 0.00	34.21 2.12 0.00	36.19 2.37 0.00	37.78 2.50 0.00	40.50 2.72 0.00	43.50 2.99 -0.08	46.65 3.38 0.00	50.65 4.27 0.00	54.08 5.08 -0.13	67.93 6.80 -0.98	81.66 8.51 -1.67	100.76 10.77 -1.69	78.65 8.60 -0.70	62.86 6.33 0.00	52.29 4.71 0.00	44.07 3.38 0.00	40.64 3.08 0.00	35.53 2.78 0.00
NEG NORTH_FLCN_SEA 23793	28.22 -0.55 0.00	26.94 -0.14 0.00	27.02 0.05 0.00	26.40 0.26 0.00	26.97 0.29 0.00	27.30 -0.05 0.00	31.40 0.13 0.00	32.26 0.16 0.00	33.99 0.17 0.00	35.63 0.35 0.00	38.35 0.57 0.00	41.24 0.81 0.00	44.01 0.74 0.00	43.79 -2.60 0.00	44.62 -4.01 0.25	45.44 -5.05 9.66	51.27 -6.00 14.20	51.13 -7.24 29.92	51.51 -5.69 12.16	42.23 -4.69 9.60	44.76 -2.81 0.01	41.18 0.49 0.00	37.56 0.00 0.00	32.62 -0.13 0.00
NEG NORTH_KES_CHATEGAY 23792	27.64 -1.12 0.00	26.34 -0.73 0.00	26.42 -0.54 0.00	25.83 -0.31 0.00	26.36 -0.32 0.00	26.67 -0.68 0.00	30.65 -0.63 0.00	31.42 -0.67 0.00	33.11 -0.71 0.00	34.64 -0.63 0.00	37.33 -0.45 0.00	40.10 -0.32 0.00	42.84 -0.43 0.00	44.20 -2.18 0.00	45.65 -2.88 0.33	46.91 -3.55 9.70	52.75 -4.22 14.51	52.83 -5.03 30.43	52.91 -3.95 12.49	43.79 -3.28 9.46	45.24 -2.33 0.01	40.20 -0.49 0.00	36.77 -0.79 0.00	31.96 -0.79 0.00
NEG NORTH___ALICE_FALLS 23915	28.16 -0.60 0.00	26.85 -0.22 0.00	26.96 0.00 0.00	26.32 0.18 0.00	26.89 0.21 0.00	27.22 -0.14 0.00	31.34 0.06 0.00	32.19 0.10 0.00	33.89 0.07 0.00	35.52 0.25 0.00	38.24 0.45 0.00	41.11 0.69 0.00	43.88 0.61 0.00	44.11 -2.27 0.00	45.19 -3.42 0.26	46.16 -4.33 9.66	52.08 -5.15 14.25	52.20 -6.09 30.00	52.36 -4.79 12.21	42.99 -3.96 9.58	45.14 -2.43 0.01	41.06 0.37 0.00	37.41 -0.15 0.00	32.49 -0.26 0.00
NEG NORTH___LWR_SARANAC 23913	28.16 -0.60 0.00	26.85 -0.22 0.00	26.96 0.00 0.00	26.32 0.18 0.00	26.89 0.21 0.00	27.22 -0.14 0.00	31.34 0.06 0.00	32.19 0.10 0.00	33.89 0.07 0.00	35.52 0.25 0.00	38.24 0.45 0.00	41.11 0.69 0.00	43.88 0.61 0.00	44.11 -2.27 0.00	45.19 -3.42 0.26	46.16 -4.33 9.66	52.08 -5.15 14.25	52.20 -6.09 30.00	52.36 -4.79 12.21	42.99 -3.96 9.58	45.14 -2.43 0.01	41.06 0.37 0.00	37.41 -0.15 0.00	32.49 -0.26 0.00
NEG NORTH___PLATTSBURG 23628	28.16 -0.61 0.00	26.72 -0.35 0.00	26.85 -0.11 0.00	26.33 0.18 0.00	26.89 0.21 0.00	27.22 -0.14 0.00	31.34 0.06 0.00	32.19 0.10 0.00	33.89 0.07 0.00	35.52 0.25 0.00	38.24 0.46 0.00	39.42 -1.01 0.00	40.59 -2.68 0.00	42.95 -3.43 0.00	45.19 -3.42 0.26	46.16 -4.33 9.66	52.08 -5.15 14.25	52.20 -6.09 30.00	52.28 -4.86 12.21	42.94 -4.01 9.58	44.24 -3.33 0.01	39.23 -1.46 0.00	37.41 -0.15 0.00	32.49 -0.26 0.00
NEG WEST_LEA_LOCKPORT 23791	28.65 -0.12 0.00	26.58 -0.49 0.00	26.42 -0.54 0.00	25.30 -0.84 0.00	26.09 -0.59 0.00	27.03 -0.33 0.00	30.87 -0.41 0.00	32.06 -0.03 0.00	33.55 -0.27 0.00	35.10 -0.18 0.00	38.24 0.45 0.00	40.59 0.16 0.00	43.70 0.43 0.00	47.17 0.79 0.00	48.48 -0.39 0.00	58.11 -2.05 0.00	69.48 -2.00 0.00	84.37 -3.88 0.03	67.20 -2.15 0.00	55.62 -0.90 0.00	47.58 0.00 0.00	40.24 -0.45 0.00	36.85 -0.71 0.00	31.83 -0.92 0.00
NEG WEST___LANCASTER 23811	29.48 0.72 0.00	27.29 0.22 0.00	27.10 0.13 0.00	25.98 -0.16 0.00	26.76 0.08 0.00	27.74 0.38 0.00	31.84 0.56 0.00	33.12 1.03 0.00	34.66 0.85 0.00	36.30 1.02 0.00	39.60 1.81 0.00	42.08 1.66 0.00	45.30 2.03 0.00	49.12 2.74 0.00	50.68 1.81 -0.01	60.82 0.66 -0.01	73.13 1.64 -0.01	86.85 -1.41 0.03	70.81 1.46 -0.01	58.39 1.87 0.00	49.53 1.95 0.00	41.79 1.10 0.00	38.20 0.64 0.00	33.01 0.26 0.00
NEG_PENN_ALLEGHNY 23528	29.57 0.80 0.00	27.75 0.68 0.00	27.55 0.59 0.00	26.48 0.34 0.00	27.08 0.40 0.00	28.01 0.66 0.00	32.15 0.87 0.00	33.32 1.22 0.00	34.93 1.11 0.00	36.54 1.27 0.00	39.30 1.51 0.00	42.09 1.66 0.00	45.22 1.95 0.00	48.66 2.27 0.00	50.97 2.10 0.00	62.38 2.23 0.00	74.26 2.78 0.00	91.11 2.82 0.01	71.98 2.63 0.00	58.79 2.26 0.00	49.48 1.91 0.00	41.99 1.30 0.00	38.61 1.05 0.00	33.47 0.72 0.00
NEG___GEN_MONROE 24207	29.22 0.46 0.00	27.21 0.14 0.00	26.99 0.03 0.00	25.88 -0.26 0.00	26.60 -0.08 0.00	27.55 0.19 0.00	31.56 0.28 0.00	32.80 0.71 0.00	34.29 0.47 0.00	35.87 0.60 0.00	38.99 1.21 0.00	41.56 1.13 0.00	44.70 1.43 0.00	48.05 1.67 0.00	49.85 0.98 0.00	60.40 0.24 0.00	71.76 0.29 0.00	88.08 -0.18 0.04	69.63 0.28 0.00	57.37 0.85 0.00	48.91 1.33 0.00	41.42 0.73 0.00	37.94 0.38 0.00	32.75 0.00 0.00

NEPA__ENERGY 23901	29.45 0.69 0.00	27.29 0.22 0.00	27.07 0.11 0.00	25.96 -0.18 0.00	26.73 0.05 0.00	27.74 0.38 0.00	31.84 0.56 0.00	33.25 1.16 0.00	34.80 0.98 0.00	36.44 1.16 0.00	39.75 1.96 0.00	42.33 1.90 0.00	45.56 2.29 0.00	49.40 3.01 0.00	51.03 2.15 -0.01	61.54 1.38 -0.01	73.84 2.36 -0.01	89.14 0.88 0.03	71.37 2.01 -0.01	58.84 2.32 0.00	49.86 2.28 0.00	42.08 1.38 0.00	38.42 0.86 0.00	33.08 0.33 0.00
NEVERSINK__HYD 23608	30.66 1.90 0.00	28.72 1.65 0.00	28.42 1.45 0.00	27.40 1.25 0.00	27.93 1.25 0.00	28.89 1.53 0.00	32.94 1.66 0.00	33.83 1.73 0.00	35.71 1.89 0.00	37.25 1.97 0.00	39.82 2.04 0.00	42.82 2.34 -0.05	46.01 2.73 -0.01	49.86 3.48 0.00	52.96 4.01 -0.09	66.15 5.35 -0.64	79.22 6.65 -1.09	97.70 8.30 -1.11	76.26 6.45 -0.46	61.39 4.86 0.00	51.39 3.81 0.00	43.46 2.77 0.00	40.08 2.52 0.00	35.01 2.26 0.00
NEWKRMKL_115KV_TB1 55635	29.22 0.46 0.00	27.48 0.41 0.00	27.31 0.35 0.00	26.40 0.26 0.00	26.94 0.27 0.00	27.82 0.47 0.00	31.72 0.44 0.00	32.48 0.39 0.00	34.36 0.54 0.00	35.73 0.46 0.00	38.16 0.38 0.00	40.79 0.44 0.08	43.83 0.56 0.00	47.26 0.88 0.00	49.95 1.22 0.14	60.76 1.62 1.02	71.60 1.86 1.73	88.92 2.38 1.76	70.42 1.80 0.73	57.83 1.30 0.00	48.63 1.05 0.00	41.34 0.65 0.00	38.24 0.68 0.00	33.40 0.65 0.00
NEWTON__FALLS_HYD 23847	27.87 -0.89 0.00	26.26 -0.81 0.00	26.21 -0.75 0.00	25.54 -0.60 0.00	26.09 -0.59 0.00	26.57 -0.79 0.00	30.62 -0.66 0.00	31.33 -0.77 0.00	32.87 -0.95 0.00	34.36 -0.92 0.00	36.69 -1.10 0.00	39.30 -1.13 0.00	41.45 -1.82 0.00	44.02 -2.37 0.00	44.87 -3.03 0.97	49.58 -3.79 6.79	54.77 -4.50 12.20	48.30 -5.21 34.78	54.30 -3.95 11.09	48.34 -3.05 5.13	45.62 -1.95 0.00	39.47 -1.22 0.00	36.32 -1.24 0.00	31.54 -1.21 0.00
NGRID_A1_DSASP 323792	28.13 -0.63 0.00	26.42 -0.65 0.00	26.26 -0.70 0.00	24.91 -1.23 0.00	25.64 -1.04 0.00	26.56 -0.79 0.00	30.34 -0.94 0.00	31.49 -0.61 0.00	32.97 -0.84 0.00	34.60 -0.67 0.00	37.78 0.00 0.00	40.19 -0.24 0.00	43.49 0.22 0.00	46.29 -0.09 0.00	47.70 -1.17 -0.01	57.27 -2.89 -0.01	68.48 -3.00 0.00	83.40 -4.86 0.03	66.16 -3.19 0.00	55.00 -1.52 0.00	46.72 -0.86 0.00	39.72 -0.98 0.00	36.21 -1.35 0.00	31.24 -1.51 0.00
NGRID_A2_DSASP 323793	28.13 -0.63 0.00	26.42 -0.65 0.00	26.26 -0.70 0.00	24.91 -1.23 0.00	25.64 -1.04 0.00	26.56 -0.79 0.00	30.34 -0.94 0.00	31.49 -0.61 0.00	32.97 -0.84 0.00	34.60 -0.67 0.00	37.78 0.00 0.00	40.19 -0.24 0.00	43.49 0.22 0.00	46.29 -0.09 0.00	47.70 -1.17 -0.01	57.27 -2.89 -0.01	68.48 -3.00 0.00	83.40 -4.86 0.03	66.16 -3.19 0.00	55.00 -1.52 0.00	46.72 -0.86 0.00	39.72 -0.98 0.00	36.21 -1.35 0.00	31.24 -1.51 0.00
NGRID_A4_DSASP 323807	28.13 -0.63 0.00	26.42 -0.65 0.00	26.26 -0.70 0.00	24.91 -1.23 0.00	25.64 -1.04 0.00	26.56 -0.79 0.00	30.34 -0.94 0.00	31.49 -0.61 0.00	32.97 -0.84 0.00	34.60 -0.67 0.00	37.78 0.00 0.00	40.19 -0.24 0.00	43.49 0.22 0.00	46.29 -0.09 0.00	47.70 -1.17 -0.01	57.27 -2.89 -0.01	68.48 -3.00 0.00	83.40 -4.86 0.03	66.16 -3.19 0.00	55.00 -1.52 0.00	46.72 -0.86 0.00	39.72 -0.98 0.00	36.21 -1.35 0.00	31.24 -1.51 0.00
NIAGARA_115E_LBMP 323715	28.22 -0.55 0.00	26.50 -0.57 0.00	26.34 -0.62 0.00	24.99 -1.15 0.00	25.72 -0.96 0.00	26.65 -0.71 0.00	30.47 -0.81 0.00	31.62 -0.48 0.00	33.11 -0.71 0.00	34.71 -0.57 0.00	37.90 0.11 0.00	40.27 -0.16 0.00	43.61 0.34 0.00	46.48 0.09 0.00	47.90 -0.98 0.00	57.45 -2.71 0.00	68.76 -2.72 0.00	83.66 -4.59 0.03	66.44 -2.91 0.00	55.23 -1.30 0.00	46.91 -0.67 0.00	39.84 -0.86 0.00	36.36 -1.20 0.00	31.38 -1.37 0.00
NIAGARA_115W_LBMP 323714	28.05 -0.72 0.00	26.37 -0.70 0.00	26.18 -0.78 0.00	24.86 -1.28 0.00	25.58 -1.09 0.00	26.51 -0.85 0.00	30.28 -1.00 0.00	31.42 -0.68 0.00	32.91 -0.91 0.00	34.53 -0.74 0.00	37.71 -0.08 0.00	40.06 -0.36 0.00	43.36 0.09 0.00	46.20 -0.18 0.00	47.60 -1.27 0.00	57.09 -3.07 0.00	68.34 -3.14 0.00	83.23 -5.03 0.03	66.02 -3.33 0.00	54.89 -1.64 0.00	46.63 -0.95 0.00	39.63 -1.06 0.00	36.13 -1.43 0.00	31.18 -1.57 0.00
NIAGARA_230_LBMP 323716	28.30 -0.46 0.00	26.58 -0.49 0.00	26.39 -0.57 0.00	25.07 -1.07 0.00	25.80 -0.88 0.00	26.73 -0.63 0.00	30.56 -0.72 0.00	31.68 -0.42 0.00	33.21 -0.61 0.00	34.82 -0.46 0.00	38.01 0.23 0.00	40.39 -0.04 0.00	43.70 0.43 0.00	46.57 0.19 0.00	48.03 -0.83 0.00	57.74 -2.41 0.00	69.04 -2.43 0.01	84.20 -4.06 0.03	66.78 -2.56 0.01	55.45 -1.08 0.00	47.10 -0.48 0.00	40.00 -0.69 0.00	36.47 -1.09 0.00	31.47 -1.28 0.00
NIAGARA__115KV_198_GIBSON 55903	28.04 -0.72 0.00	26.07 -1.00 0.00	25.91 -1.05 0.00	24.83 -1.31 0.00	25.58 -1.09 0.00	26.51 -0.85 0.00	30.22 -1.06 0.00	31.42 -0.67 0.00	32.91 -0.91 0.00	34.43 -0.85 0.00	37.63 -0.15 0.00	39.94 -0.49 0.00	42.97 -0.30 0.00	46.34 -0.05 0.00	47.60 -1.27 0.00	57.09 -3.07 0.00	68.34 -3.15 0.00	83.23 -5.03 0.03	66.02 -3.33 0.00	54.72 -1.81 0.00	46.82 -0.76 0.00	39.59 -1.10 0.00	36.17 -1.39 0.00	31.14 -1.60 0.00
NIAGARA____ 23760	28.30 -0.46 0.00	26.58 -0.49 0.00	26.39 -0.57 0.00	25.07 -1.07 0.00	25.80 -0.88 0.00	26.73 -0.63 0.00	30.56 -0.72 0.00	31.68 -0.42 0.00	33.21 -0.61 0.00	34.82 -0.46 0.00	38.01 0.23 0.00	40.39 -0.04 0.00	43.70 0.43 0.00	46.57 0.19 0.00	48.04 -0.83 0.00	57.75 -2.41 0.00	69.04 -2.43 0.00	84.20 -4.06 0.03	66.78 -2.56 0.00	55.45 -1.08 0.00	47.10 -0.48 0.00	40.00 -0.69 0.00	36.47 -1.09 0.00	31.47 -1.28 0.00
NINE_MILE_1 23575	28.16 -0.61 0.00	26.47 -0.60 0.00	26.31 -0.65 0.00	25.41 -0.73 0.00	25.96 -0.72 0.00	26.73 -0.63 0.00	30.59 -0.69 0.00	31.49 -0.61 0.00	33.11 -0.71 0.00	34.57 -0.71 0.00	37.11 -0.68 0.00	39.70 -0.73 0.00	42.53 -0.74 0.00	45.59 -0.79 0.00	47.94 -0.93 0.00	58.83 -1.32 0.00	69.97 -1.50 0.00	86.08 -1.94 0.27	67.89 -1.46 0.00	55.45 -1.08 0.00	46.72 -0.86 0.00	39.84 -0.86 0.00	36.73 -0.83 0.00	31.93 -0.82 0.00
NINE_MILE_2 23744	28.16 -0.61 0.00	26.47 -0.60 0.00	26.31 -0.65 0.00	25.41 -0.73 0.00	25.96 -0.72 0.00	26.73 -0.63 0.00	30.59 -0.69 0.00	31.49 -0.61 0.00	33.14 -0.68 0.00	34.57 -0.71 0.00	37.11 -0.68 0.00	39.70 -0.73 0.00	42.53 -0.74 0.00	45.59 -0.79 0.00	47.94 -0.93 0.00	58.83 -1.32 0.00	69.97 -1.50 0.00	86.08 -1.94 0.27	67.89 -1.46 0.00	55.45 -1.08 0.00	46.72 -0.86 0.00	39.84 -0.86 0.00	36.73 -0.83 0.00	31.93 -0.82 0.00
NM_CAPITAL__DRP 24208	29.28 0.52 0.00	27.53 0.46 0.00	27.37 0.40 0.00	26.46 0.31 0.00	27.00 0.32 0.00	27.88 0.52 0.00	31.78 0.50 0.00	32.55 0.45 0.00	34.39 0.57 0.00	35.77 0.49 0.00	38.20 0.42 0.00	40.83 0.49 0.08	43.88 0.61 0.00	47.31 0.93 0.00	49.94 1.22 0.15	60.76 1.68 1.08	71.57 1.93 1.84	88.90 2.47 1.86	70.45 1.87 0.77	57.88 1.36 0.00	48.67 1.09 0.00	41.38 0.69 0.00	38.27 0.71 0.00	33.47 0.72 0.00

NM_CENTRAL___DRP 24181	28.88 0.12 0.00	27.04 -0.03 0.00	26.88 -0.08 0.00	25.96 -0.18 0.00	26.52 -0.16 0.00	27.36 0.00 0.00	31.40 0.13 0.00	32.42 0.32 0.00	34.06 0.24 0.00	35.59 0.32 0.00	38.16 0.38 0.00	40.83 0.40 0.00	43.70 0.43 0.00	46.99 0.60 0.00	49.32 0.49 0.04	60.44 0.36 0.07	71.77 0.50 0.21	88.43 0.35 0.21	69.49 0.35 0.21	56.92 0.40 0.00	48.01 0.43 0.00	40.77 0.08 0.00	37.64 0.08 0.00	32.68 -0.07 0.00
NM_FRONTIER___DRP 24179	28.04 -0.72 0.00	26.07 -1.00 0.00	25.91 -1.05 0.00	24.83 -1.31 0.00	25.58 -1.09 0.00	26.51 -0.85 0.00	30.22 -1.06 0.00	31.42 -0.67 0.00	32.91 -0.91 0.00	34.43 -0.85 0.00	37.63 -0.15 0.00	39.94 -0.49 0.00	42.97 -0.30 0.00	46.34 -0.05 0.00	47.60 -1.27 0.00	57.09 -3.07 0.00	68.34 -3.15 0.00	83.23 -5.03 0.03	66.02 -3.33 0.00	54.72 -1.81 0.00	46.82 -0.76 0.00	39.59 -1.10 0.00	36.17 -1.39 0.00	31.14 -1.60 0.00
NM_ST_REGIS___HYD 24053	27.53 -1.24 0.00	26.15 -0.92 0.00	26.18 -0.78 0.00	25.59 -0.55 0.00	26.09 -0.59 0.00	26.35 -1.01 0.00	30.22 -1.06 0.00	30.84 -1.25 0.00	32.43 -1.39 0.00	33.93 -1.34 0.00	36.35 -1.44 0.00	38.97 -1.46 0.00	41.41 -1.86 0.00	43.42 -2.97 0.00	43.74 -3.86 1.26	45.18 -4.87 10.10	47.96 -5.86 17.66	45.70 -6.98 35.61	47.87 -5.55 15.93	44.11 -4.41 8.01	44.10 -3.47 0.01	38.98 -1.71 0.00	35.76 -1.80 0.00	31.11 -1.64 0.00
NORTHPORT___1 23551	31.12 2.36 0.00	29.13 2.06 0.00	28.80 1.83 0.00	27.63 1.49 0.00	28.14 1.47 0.00	29.30 1.94 0.00	33.19 1.91 0.00	34.53 2.44 0.00	37.34 2.71 -0.81	38.29 2.61 -0.41	39.30 1.51 0.00	36.83 2.34 5.94	36.82 2.55 9.00	40.80 3.57 9.15	45.18 4.01 7.69	44.96 5.78 20.97	52.19 7.15 26.43	66.42 9.01 30.89	64.56 6.72 11.51	54.96 4.98 6.54	46.01 3.81 5.38	37.54 2.93 6.08	36.83 2.18 2.91	36.04 2.72 -0.57
NORTHPORT___2 23552	31.12 2.36 0.00	29.13 2.06 0.00	28.80 1.83 0.00	27.63 1.49 0.00	28.14 1.47 0.00	29.30 1.94 0.00	33.19 1.91 0.00	34.53 2.44 0.00	37.34 2.71 -0.81	38.29 2.61 -0.41	39.30 1.51 0.00	36.83 2.34 5.94	36.82 2.55 9.00	36.85 3.57 13.10	36.64 4.01 16.24	37.06 5.78 28.87	36.64 7.15 41.98	37.04 9.01 60.26	36.64 6.72 39.43	37.07 4.98 24.43	37.04 3.81 14.35	37.04 2.93 6.58	36.83 2.18 2.91	36.04 2.72 -0.57
NORTHPORT___3 23553	31.01 2.24 0.00	28.99 1.92 0.00	28.66 1.70 0.00	27.55 1.41 0.00	28.06 1.39 0.00	29.19 1.83 0.00	33.12 1.85 0.00	34.38 2.28 0.00	37.17 2.54 -0.81	38.15 2.47 -0.41	39.40 1.62 0.01	36.86 2.38 5.95	36.90 2.64 9.01	37.40 3.71 12.70	37.72 4.15 15.30	37.24 5.96 28.87	38.07 7.22 40.62	37.06 9.01 60.25	37.88 6.66 38.13	37.06 4.98 24.44	37.03 3.81 14.35	37.00 2.89 6.58	36.86 2.22 2.92	35.77 2.46 -0.57
NORTHPORT___4 23650	31.01 2.24 0.00	28.99 1.92 0.00	28.66 1.70 0.00	27.55 1.41 0.00	28.06 1.39 0.00	29.19 1.83 0.00	33.12 1.85 0.00	34.38 2.28 0.00	37.17 2.54 -0.81	38.15 2.47 -0.41	39.40 1.62 0.01	36.86 2.38 5.95	36.90 2.64 9.01	37.40 3.71 12.70	37.72 4.15 15.30	37.24 5.96 28.87	38.07 7.22 40.62	37.06 9.01 60.25	37.88 6.66 38.13	37.06 4.98 24.44	37.03 3.81 14.35	37.00 2.89 6.58	36.86 2.22 2.92	35.77 2.46 -0.57
NORTHPORT___IC 23718	31.12 2.36 0.00	29.02 1.95 0.00	28.63 1.67 0.00	27.74 1.59 0.00	28.25 1.57 0.00	29.30 1.94 0.00	33.31 2.03 0.00	34.54 2.44 0.00	37.34 2.71 -0.81	38.47 2.79 -0.41	40.20 2.42 0.00	36.71 2.22 5.94	36.68 2.42 9.02	36.62 3.34 13.10	36.64 4.01 16.24	37.12 5.83 28.87	36.64 7.15 41.98	37.12 9.09 60.26	36.64 6.73 39.43	37.12 5.03 24.43	37.04 3.81 14.35	36.96 2.85 6.58	36.83 2.18 2.91	36.07 2.75 -0.57
NORTH___COUNTRY_ESR 323785	27.58 -1.18 0.00	26.12 -0.95 0.00	26.26 -0.70 0.00	25.78 -0.37 0.00	26.30 -0.37 0.00	26.62 -0.74 0.00	30.59 -0.69 0.00	31.36 -0.74 0.00	33.07 -0.74 0.00	34.60 -0.67 0.00	37.26 -0.53 0.00	39.13 -1.30 0.00	41.02 -2.25 0.00	43.46 -2.92 0.00	45.60 -2.93 0.34	46.85 -3.61 9.70	52.60 -4.36 14.51	52.73 -5.12 30.44	52.76 -4.09 12.49	43.68 -3.39 9.46	44.72 -2.85 0.01	39.10 -1.59 0.00	36.70 -0.86 0.00	31.90 -0.85 0.00
NPX_GEN_1385_PROXY 323591	30.81 2.04 0.00	29.05 1.98 0.00	28.71 1.75 0.00	27.37 1.23 0.00	27.88 1.20 0.00	29.22 1.86 0.00	32.62 1.34 0.00	34.44 2.34 0.00	37.24 2.60 -0.81	38.12 2.43 -0.41	39.03 1.25 0.00	36.99 2.51 5.94	37.04 2.77 9.00	41.15 4.64 9.87	44.70 5.08 9.25	44.90 7.15 22.41	51.00 8.79 29.27	63.00 10.95 36.24	61.00 8.25 16.60	53.00 6.27 9.80	45.47 4.90 7.01	39.81 3.87 4.75	35.56 2.33 4.33	35.71 2.39 -0.57
NPX_GEN_CSC 323557	30.89 2.13 0.00	28.83 1.76 0.00	28.58 1.62 0.00	27.42 1.28 0.00	27.91 1.23 0.00	29.06 1.70 0.00	32.87 1.59 0.00	34.15 2.06 0.00	37.10 2.47 -0.81	38.23 2.54 -0.41	39.52 1.74 0.00	43.30 2.79 -0.09	46.31 3.03 -0.02	53.49 4.18 -2.93	60.37 4.69 -6.81	75.27 6.91 -8.20	95.99 8.65 -15.87	102.97 10.86 -3.82	87.85 8.39 -10.12	69.78 6.39 -6.87	54.89 5.04 -2.27	46.80 3.82 -2.29	38.77 2.63 1.42	36.40 3.08 -0.57
NSINS_S___GLNS_FALLS 23858	31.18 2.42 0.00	29.29 2.22 0.00	28.98 2.02 0.00	28.13 1.99 0.00	28.71 2.03 0.00	29.71 2.35 0.00	34.00 2.72 0.00	34.86 2.76 0.00	36.73 2.91 0.00	38.20 2.93 0.00	40.58 2.80 0.00	43.45 3.11 0.09	46.86 3.59 0.00	50.33 3.94 0.00	52.96 4.25 0.16	64.31 5.35 1.19	75.59 6.15 2.03	94.18 7.95 2.06	75.50 7.00 0.85	62.18 5.65 0.00	52.43 4.85 0.00	44.52 3.83 0.00	40.83 3.27 0.00	35.57 2.82 0.00
NUCOR_STEEL___DRP 24197	29.19 0.43 0.00	27.31 0.24 0.00	27.15 0.19 0.00	26.19 0.05 0.00	26.76 0.08 0.00	27.63 0.27 0.00	31.72 0.44 0.00	32.77 0.67 0.00	34.36 0.54 0.00	35.84 0.56 0.00	38.50 0.72 0.00	41.20 0.77 0.00	44.05 0.78 0.00	47.31 0.93 0.00	49.62 0.78 0.03	60.76 0.66 0.05	72.61 1.29 0.15	89.65 1.50 0.14	70.59 1.39 0.15	57.88 1.36 0.00	48.86 1.28 0.00	41.47 0.77 0.00	38.20 0.64 0.00	33.11 0.36 0.00
NUMBER_THREE_WT_PWR 323818	28.53 -0.23 0.00	26.69 -0.38 0.00	26.61 -0.35 0.00	25.88 -0.26 0.00	26.46 -0.21 0.00	27.22 -0.14 0.00	31.56 0.28 0.00	32.38 0.29 0.00	33.92 0.10 0.00	35.45 0.18 0.00	37.82 0.04 0.00	40.43 0.00 0.00	42.62 -0.65 0.00	45.59 -0.79 0.00	47.37 -1.08 0.42	56.06 -1.38 2.71	64.95 -1.57 4.96	102.66 -1.50 -15.87	63.85 -0.97 4.53	53.98 -0.57 1.98	47.86 0.29 0.00	40.73 0.04 0.00	37.56 0.00 0.00	32.62 -0.13 0.00
NYISO_LBMP_REFERENCE 24008	28.76 0.00 0.00	27.07 0.00 0.00	26.96 0.00 0.00	26.14 0.00 0.00	26.68 0.00 0.00	27.36 0.00 0.00	31.28 0.00 0.00	32.10 0.00 0.00	33.82 0.00 0.00	35.27 0.00 0.00	37.78 0.00 0.00	40.43 0.00 0.00	43.27 0.00 0.00	46.38 0.00 0.00	48.87 0.00 0.00	60.15 0.00 0.00	71.48 0.00 0.00	88.29 0.00 0.00	69.35 0.00 0.00	56.53 0.00 0.00	47.58 0.00 0.00	40.69 0.00 0.00	37.56 0.00 0.00	32.75 0.00 0.00

NYPA_BRENTWD____GT 24164	31.47	29.42	29.12	27.94	28.47	29.63	33.56	34.92	37.81	38.89	40.20	43.91	47.08	54.54	61.68	75.40	97.62	101.30	89.14	69.55	54.84	45.58	40.68	36.79
	2.70	2.35	2.16	1.80	1.79	2.27	2.28	2.83	3.18	3.21	2.42	3.40	3.76	4.73	4.89	7.03	8.65	10.86	8.11	6.16	4.99	3.99	3.12	3.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.81	-0.41	0.00	-0.09	-0.05	-3.42	-7.93	-8.21	-17.49	-2.15	-11.68	-6.86	-2.27	-0.90	0.00	-0.57
NYPA_GOWANUS____GT5 24156	86.97	49.00	42.53	42.49	42.50	42.15	46.70	47.70	46.78	57.00	88.22	73.21	69.74	73.67	86.44	86.23	104.70	100.11	82.87	121.74	69.74	69.73	69.69	69.66
	2.44	2.08	1.73	1.46	1.47	1.81	2.00	2.38	2.81	3.00	3.17	3.60	3.72	4.68	4.89	6.50	7.86	9.80	7.28	5.54	4.23	3.62	3.49	3.14
	-55.76	-19.85	-13.84	-14.89	-14.35	-12.98	-13.41	-13.23	-10.15	-18.72	-47.26	-29.19	-22.75	-22.60	-32.69	-19.58	-25.36	-2.02	-6.24	-59.67	-17.93	-25.42	-28.64	-33.76
NYPA_GOWANUS____GT6 24157	86.97	49.00	42.53	42.49	42.50	42.15	46.70	47.70	46.78	57.00	88.22	73.21	69.74	73.67	86.44	86.23	104.70	100.11	82.87	121.74	69.74	69.73	69.69	69.66
	2.44	2.08	1.73	1.46	1.47	1.81	2.00	2.38	2.81	3.00	3.17	3.60	3.72	4.68	4.89	6.50	7.86	9.80	7.28	5.54	4.23	3.62	3.49	3.14
	-55.76	-19.85	-13.84	-14.89	-14.35	-12.98	-13.41	-13.23	-10.15	-18.72	-47.26	-29.19	-22.75	-22.60	-32.69	-19.58	-25.36	-2.02	-6.24	-59.67	-17.93	-25.42	-28.64	-33.76
NYPA_HARLEM__RVR__GT1 24160	31.07	29.13	28.69	27.58	28.09	29.00	33.06	34.18	36.28	37.88	40.54	43.66	46.43	50.56	53.47	67.30	80.76	99.41	76.95	62.00	51.39	44.19	40.76	35.71
	2.30	2.06	1.73	1.44	1.41	1.64	1.78	2.09	2.47	2.61	2.76	3.16	3.16	4.18	4.45	6.01	7.36	9.18	6.80	5.48	3.81	3.50	3.19	2.95
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	-0.08	0.00	0.00	-0.15	-1.13	-1.92	-1.94	-0.80	0.01	0.00	0.00	-0.01	-0.01
NYPA_HARLEM__RVR__GT2 24161	31.07	29.13	28.69	27.58	28.09	29.00	33.06	34.18	36.28	37.88	40.54	43.66	46.43	50.56	53.47	67.30	80.76	99.41	76.95	62.00	51.39	44.19	40.76	35.71
	2.30	2.06	1.73	1.44	1.41	1.64	1.78	2.09	2.47	2.61	2.76	3.16	3.16	4.18	4.45	6.01	7.36	9.18	6.80	5.48	3.81	3.50	3.19	2.95
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	-0.08	0.00	0.00	-0.15	-1.13	-1.92	-1.94	-0.80	0.01	0.00	0.00	-0.01	-0.01
NYPA_KENT____GT 24152	63.05	40.46	36.59	36.10	36.34	36.54	40.93	41.98	42.37	50.20	67.90	60.65	59.85	60.14	35.09	67.63	81.08	99.82	79.35	86.09	58.92	54.50	57.30	55.13
	2.36	2.03	1.70	1.44	1.44	1.75	1.97	2.31	2.74	2.89	3.06	3.48	3.55	4.55	4.74	6.31	7.65	9.54	7.00	5.31	4.04	3.46	3.34	3.05
	-31.93	-11.36	-7.93	-8.52	-8.22	-7.43	-7.68	-7.57	-5.81	-12.04	-27.06	-16.75	-13.03	-9.20	18.51	-1.16	-1.95	-1.99	-3.00	-24.25	-7.30	-10.35	-16.40	-19.33
NYPA_POUCH1____GT 24155	86.85	48.87	42.42	42.39	42.39	42.04	46.54	47.54	46.61	56.85	88.07	73.05	69.57	73.53	86.30	86.05	104.56	99.94	82.67	121.62	69.60	69.61	69.54	69.56
	2.33	1.95	1.62	1.36	1.36	1.70	1.85	2.21	2.64	2.86	3.02	3.43	3.55	4.55	4.74	6.31	7.72	9.63	7.08	5.43	4.09	3.50	3.34	3.05
	-55.76	-19.85	-13.84	-14.89	-14.35	-12.98	-13.41	-13.23	-10.15	-18.72	-47.26	-29.19	-22.75	-22.60	-32.69	-19.58	-25.36	-2.02	-6.24	-59.67	-17.93	-25.42	-28.64	-33.76
NYPA_VERNON____GT2 24162	39.13	31.92	30.61	29.69	30.15	30.94	35.13	36.26	37.93	43.41	47.59	48.09	50.00	52.23	48.94	67.49	80.91	99.51	75.97	63.26	52.62	45.65	44.95	40.63
	2.27	1.98	1.64	1.38	1.39	1.70	1.91	2.25	2.64	2.79	2.95	3.35	3.42	4.41	4.64	6.20	7.50	9.27	6.87	5.14	3.90	3.34	3.23	2.98
	-8.09	-2.88	-2.01	-2.16	-2.08	-1.88	-1.95	-1.92	-1.47	-5.35	-6.85	-4.31	-3.31	-1.44	4.58	-1.14	-1.93	-1.95	0.25	-1.59	-1.14	-1.62	-4.16	-4.90
NYPA_VERNON____GT3 24163	39.13	31.92	30.61	29.69	30.15	30.94	35.13	36.26	37.93	43.41	47.59	48.09	50.00	52.23	48.94	67.49	80.91	99.51	75.97	63.26	52.62	45.65	44.95	40.63
	2.27	1.98	1.64	1.38	1.39	1.70	1.91	2.25	2.64	2.79	2.95	3.35	3.42	4.41	4.64	6.20	7.50	9.27	6.87	5.14	3.90	3.34	3.23	2.98
	-8.09	-2.88	-2.01	-2.16	-2.08	-1.88	-1.95	-1.92	-1.47	-5.35	-6.85	-4.31	-3.31	-1.44	4.58	-1.14	-1.93	-1.95	0.25	-1.59	-1.14	-1.62	-4.16	-4.90
NYPA__ASTORIA_CC1 323568	31.02	29.02	28.58	27.50	28.04	29.00	33.12	34.28	36.39	40.68	40.65	43.79	46.62	50.65	53.47	67.30	80.69	99.33	74.19	57.44	51.34	43.99	40.76	35.67
	2.24	1.95	1.62	1.36	1.36	1.64	1.85	2.18	2.57	2.75	2.87	3.27	3.33	4.26	4.45	6.01	7.29	9.10	6.66	5.03	3.76	3.29	3.19	2.91
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.65	0.00	-0.09	-0.01	0.00	-0.15	-1.13	-1.92	-1.94	1.81	4.11	0.00	0.00	-0.01	-0.01
NYPA__ASTORIA_CC2 323569	31.02	29.02	28.58	27.50	28.04	29.00	33.12	34.28	36.39	40.68	40.65	43.79	46.62	50.65	53.47	67.30	80.69	99.33	74.19	57.44	51.34	43.99	40.76	35.67
	2.24	1.95	1.62	1.36	1.36	1.64	1.85	2.18	2.57	2.75	2.87	3.27	3.33	4.26	4.45	6.01	7.29	9.10	6.66	5.03	3.76	3.29	3.19	2.91
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.65	0.00	-0.09	-0.01	0.00	-0.15	-1.13	-1.92	-1.94	1.81	4.11	0.00	0.00	-0.01	-0.01
NYPA__HOLTSVILL 23794	31.12	29.07	28.80	27.63	28.14	29.27	33.16	34.47	37.37	38.44	39.71	43.39	46.44	53.50	60.28	75.15	95.65	116.87	87.25	69.45	54.56	45.22	40.23	36.44
	2.36	2.00	1.83	1.49	1.47	1.91	1.88	2.38	2.74	2.75	1.93	2.87	3.16	4.22	4.69	6.80	8.43	10.50	7.90	6.05	4.71	3.66	2.67	3.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.81	-0.41	0.00	-0.09	-0.02	-2.89	-6.72	-8.20	-15.74	-18.08	-10.00	-6.87	-2.27	-0.86	0.00	-0.57
NYPA__HELLGATE_GT1 24158	31.07	29.13	28.69	27.58	28.09	29.00	33.06	34.18	36.28	37.88	40.54	43.70	46.43	50.56	53.47	67.30	80.76	99.41	76.95	62.00	51.39	44.19	40.76	35.71
	2.30	2.06	1.73	1.44	1.41	1.64	1.78	2.09	2.47	2.61	2.76	3.19	3.16	4.18	4.45	6.01	7.36	9.18	6.80	5.48	3.81	3.50	3.19	2.95
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	-0.08	0.00	0.00	-0.15	-1.13	-1.92	-1.94	-0.80	0.01	0.00	0.00	-0.01	-0.01
NYPA__HELLGATE_GT2 24159	31.07	29.13	28.69	27.58	28.09	29.00	33.06	34.18	36.28	37.88	40.54	43.70	46.43	50.56	53.47	67.30	80.76	99.41	76.95	62.00	51.39	44.19	40.76	35.71
	2.30	2.06	1.73	1.44	1.41	1.64	1.78	2.09	2.47	2.61	2.76	3.19	3.16	4.18	4.45	6.01	7.36	9.18	6.80	5.48	3.81	3.50	3.19	2.95
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	-0.08	0.00	0.00	-0.15	-1.13	-1.92	-1.94	-0.80	0.01	0.00	0.00	-0.01	-0.01
NYS_BARGE__HYD 23848	28.71	26.94	26.74	25.38	26.12	27.09	31.00	32.16	33.68	35.31	38.46	40.91	44.31	47.22	48.68	58.35	69.84	84.81	67.48	56.02	47.63	40.45	36.92	31.90
	-0.06	-0.13	-0.22	-0.76	-0.56	-0.27	-0.28	0.06	-0.13	0.04	0.68	0.49	1.04	0.84	-0.19	-1.80	-1.64	-3.44	-1.87	-0.51	0.05	-0.24	-0.64	-0.85
	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	0.03	0.00	0.00	0.00	0.00	0.00	0.00

OAK ORCHARD___HYD 24046	28.97 0.20 0.00	27.18 0.11 0.00	26.99 0.03 0.00	25.78 -0.37 0.00	26.44 -0.24 0.00	27.33 -0.03 0.00	31.34 0.06 0.00	32.58 0.48 0.00	34.16 0.34 0.00	35.73 0.46 0.00	38.84 1.06 0.00	41.40 0.97 0.00	44.61 1.34 0.00	47.64 1.25 0.00	49.55 0.68 0.00	60.15 0.00 0.00	71.55 0.07 0.00	87.90 -0.35 0.04	69.21 -0.14 0.00	57.09 0.57 0.00	48.39 0.81 0.00	41.06 0.37 0.00	37.52 -0.04 0.00	32.42 -0.33 0.00
OAKDALE___35_KV_LOAD 356122	29.45 0.69 0.00	27.50 0.43 0.00	27.34 0.38 0.00	26.38 0.24 0.00	26.97 0.29 0.00	27.88 0.52 0.00	31.97 0.69 0.00	33.12 1.03 0.00	34.77 0.95 0.00	36.33 1.06 0.00	39.07 1.28 0.00	41.76 1.33 0.00	44.78 1.51 0.00	48.29 1.90 0.00	50.68 1.81 0.00	62.02 1.86 0.00	73.84 2.36 0.00	90.67 2.38 0.01	71.57 2.22 0.00	58.39 1.87 0.00	49.20 1.62 0.00	41.71 1.02 0.00	38.39 0.83 0.00	33.31 0.56 0.00
OCC_CHEM___DRP 24175	28.13 -0.63 0.00	26.12 -0.95 0.00	25.96 -1.00 0.00	24.89 -1.25 0.00	25.64 -1.04 0.00	26.57 -0.79 0.00	30.31 -0.97 0.00	31.49 -0.61 0.00	32.97 -0.85 0.00	34.53 -0.74 0.00	37.71 -0.08 0.00	40.02 -0.40 0.00	43.10 -0.17 0.00	46.48 0.09 0.00	47.70 -1.17 -0.01	57.27 -2.89 -0.01	68.48 -3.00 0.00	83.49 -4.77 0.03	66.16 -3.19 0.00	54.83 -1.70 0.00	46.91 -0.67 0.00	39.72 -0.98 0.00	36.25 -1.31 0.00	31.24 -1.51 0.00
OH_GEN_PROXY 24063	28.30 -0.46 0.00	26.61 -0.46 0.00	26.42 -0.54 0.00	25.09 -1.05 0.00	25.82 -0.85 0.00	26.73 -0.63 0.00	30.59 -0.69 0.00	31.74 -0.35 0.00	33.24 -0.58 0.00	34.89 -0.39 0.00	38.05 0.27 0.00	40.47 0.04 0.00	43.79 0.52 0.00	46.66 0.28 0.00	48.13 -0.73 0.00	57.93 -2.22 0.00	69.33 -2.14 0.00	84.46 -3.79 0.04	66.99 -2.36 0.00	55.62 -0.91 0.00	47.25 -0.33 0.00	41.50 -0.61 -1.42	35.13 -1.01 1.42	31.54 -1.21 0.00
OLIN_CORP_DRP 24177	28.27 -0.49 0.00	26.23 -0.84 0.00	26.07 -0.89 0.00	24.99 -1.15 0.00	25.77 -0.91 0.00	26.70 -0.66 0.00	30.47 -0.81 0.00	31.65 -0.45 0.00	33.14 -0.68 0.00	34.71 -0.56 0.00	37.86 0.08 0.00	40.23 -0.20 0.00	43.27 0.00 0.00	46.71 0.32 0.00	47.99 -0.88 -0.01	57.57 -2.59 -0.01	68.91 -2.57 0.00	83.84 -4.41 0.03	66.58 -2.77 0.00	55.17 -1.36 0.00	47.20 -0.38 0.00	39.88 -0.81 0.00	36.43 -1.13 0.00	31.41 -1.34 0.00
OLIN_CORP_DSASP 323712	28.13 -0.63 0.00	26.42 -0.65 0.00	26.26 -0.70 0.00	24.91 -1.23 0.00	25.64 -1.04 0.00	26.56 -0.79 0.00	30.34 -0.94 0.00	31.49 -0.61 0.00	32.97 -0.84 0.00	34.60 -0.67 0.00	37.78 0.00 0.00	40.19 -0.24 0.00	43.49 0.22 0.00	46.29 -0.09 0.00	47.70 -1.17 -0.01	57.27 -2.89 -0.01	68.48 -3.00 0.00	83.40 -4.86 0.03	66.16 -3.19 0.00	55.00 -1.52 0.00	46.72 -0.86 0.00	39.72 -0.98 0.00	36.21 -1.35 0.00	31.24 -1.51 0.00
ONEIDA_HERK_LFGE 323681	29.25 0.49 0.00	27.42 0.35 0.00	27.29 0.32 0.00	26.46 0.31 0.00	27.02 0.35 0.00	27.82 0.46 0.00	32.06 0.78 0.00	32.93 0.83 0.00	34.56 0.74 0.00	36.12 0.85 0.00	38.61 0.83 0.00	41.28 0.85 0.00	43.96 0.69 0.00	47.17 0.79 0.00	49.31 0.63 0.19	60.00 0.78 0.94	70.57 0.93 1.84	97.63 1.41 -7.93	68.89 1.25 1.71	57.06 1.13 0.60	48.81 1.23 0.00	41.51 0.81 0.00	38.24 0.68 0.00	33.24 0.49 0.00
ONEIDA___115KV_TB4 55905	29.80 1.04 0.00	27.88 0.81 0.00	27.74 0.78 0.00	26.85 0.71 0.00	27.40 0.72 0.00	28.29 0.93 0.00	32.50 1.22 0.00	33.44 1.35 0.00	35.10 1.29 0.00	36.69 1.41 0.00	39.26 1.47 0.00	41.96 1.54 0.00	44.87 1.60 0.00	48.29 1.90 0.00	50.65 1.86 0.08	62.17 2.17 0.15	73.70 2.64 0.42	94.78 3.36 -3.13	71.70 2.77 0.42	58.90 2.37 0.00	49.67 2.09 0.00	42.12 1.42 0.00	38.84 1.28 0.00	33.70 0.95 0.00
ONONDAGA_REF_OCCRA 23987	28.99 0.23 0.00	27.15 0.08 0.00	26.99 0.03 0.00	26.06 -0.08 0.00	26.62 -0.05 0.00	27.50 0.14 0.00	31.53 0.25 0.00	32.55 0.45 0.00	34.19 0.37 0.00	35.70 0.42 0.00	38.31 0.53 0.00	40.99 0.57 0.00	43.83 0.56 0.00	47.17 0.79 0.00	49.52 0.68 0.03	60.69 0.60 0.07	72.08 0.79 0.18	88.90 0.79 0.18	69.86 0.69 0.18	57.26 0.73 0.00	48.24 0.67 0.00	40.98 0.28 0.00	37.82 0.26 0.00	32.85 0.10 0.00
ONONDAGA___COGEN 23986	28.96 0.20 0.00	27.12 0.05 0.00	26.96 0.00 0.00	26.04 -0.10 0.00	26.60 -0.08 0.00	27.44 0.08 0.00	31.47 0.19 0.00	32.48 0.39 0.00	34.09 0.27 0.00	35.59 0.32 0.00	38.20 0.42 0.00	40.87 0.44 0.00	43.49 0.22 0.00	46.71 0.32 0.00	49.03 0.20 0.03	60.09 0.00 0.06	71.66 0.36 0.18	88.39 0.26 0.17	69.45 0.28 0.18	56.92 0.40 0.00	48.01 0.43 0.00	40.81 0.12 0.00	37.86 0.30 0.00	32.85 0.10 0.00
ONTARIO___LFGE 23819	29.51 0.75 0.00	27.67 0.59 0.00	27.45 0.49 0.00	26.30 0.16 0.00	26.92 0.24 0.00	27.91 0.55 0.00	32.19 0.91 0.00	33.44 1.35 0.00	34.97 1.15 0.00	36.58 1.31 0.00	39.30 1.51 0.00	42.05 1.62 0.00	45.22 1.95 0.00	48.47 2.09 0.00	50.58 1.71 0.00	61.66 1.50 0.00	73.62 2.14 0.00	90.30 2.03 0.02	71.63 2.29 0.00	58.85 2.32 0.00	49.67 2.09 0.00	42.08 1.38 0.00	38.46 0.90 0.00	33.37 0.62 0.00
ORANGEVILLE_WT_PWR 323706	28.99 0.23 0.00	27.15 0.08 0.00	26.93 -0.03 0.00	25.67 -0.47 0.00	26.39 -0.29 0.00	27.39 0.03 0.00	31.44 0.16 0.00	32.70 0.61 0.00	34.26 0.44 0.00	35.98 0.71 0.00	39.14 1.36 0.00	41.68 1.25 0.00	45.04 1.77 0.00	48.24 1.86 0.00	49.95 1.07 0.00	60.22 0.06 0.00	72.13 0.64 -0.01	87.47 -0.80 0.03	69.77 0.42 -0.01	57.66 1.13 0.00	48.81 1.23 0.00	41.43 0.73 0.00	37.79 0.23 0.00	32.65 -0.10 0.00
ORANGEVILLE___ESR 323794	28.99 0.23 0.00	27.15 0.08 0.00	26.93 -0.03 0.00	25.67 -0.47 0.00	26.39 -0.29 0.00	27.39 0.03 0.00	31.44 0.16 0.00	32.70 0.61 0.00	34.26 0.44 0.00	35.98 0.71 0.00	39.14 1.36 0.00	41.68 1.25 0.00	45.04 1.77 0.00	48.24 1.86 0.00	49.95 1.07 0.00	60.22 0.06 0.00	72.13 0.64 -0.01	87.47 -0.80 0.03	69.77 0.42 -0.01	57.66 1.13 0.00	48.81 1.23 0.00	41.43 0.73 0.00	37.79 0.23 0.00	32.65 -0.10 0.00
OSWEGATCHIE___HYD 24044	27.87 -0.89 0.00	26.18 -0.89 0.00	26.15 -0.81 0.00	25.54 -0.60 0.00	26.09 -0.59 0.00	26.56 -0.79 0.00	30.62 -0.66 0.00	31.33 -0.77 0.00	32.87 -0.95 0.00	34.36 -0.92 0.00	36.69 -1.10 0.00	39.17 -1.25 0.00	41.19 -2.08 0.00	43.60 -2.78 0.00	44.87 -3.03 0.97	49.58 -3.79 6.79	54.77 -4.50 12.20	48.30 -5.21 34.78	54.31 -3.95 11.09	48.34 -3.05 5.13	45.62 -1.95 0.00	39.31 -1.38 0.00	36.32 -1.24 0.00	31.54 -1.21 0.00
OSWEGO___5 23606	28.36 -0.40 0.00	26.64 -0.43 0.00	26.50 -0.46 0.00	25.57 -0.58 0.00	26.12 -0.56 0.00	26.89 -0.47 0.00	30.81 -0.47 0.00	31.71 -0.38 0.00	33.35 -0.47 0.00	34.82 -0.46 0.00	37.37 -0.41 0.00	39.98 -0.44 0.00	42.80 -0.48 0.00	45.92 -0.46 0.00	48.23 -0.64 0.00	59.19 -0.96 0.00	70.55 -0.93 0.00	87.08 -1.32 -0.11	68.44 -0.90 0.00	55.91 -0.62 0.00	47.10 -0.48 0.00	40.16 -0.53 0.00	37.03 -0.53 0.00	32.19 -0.56 0.00

OSWEGO___6 23613	28.36 -0.40 0.00	26.64 -0.43 0.00	26.50 -0.46 0.00	25.57 -0.58 0.00	26.12 -0.56 0.00	26.89 -0.47 0.00	30.81 -0.47 0.00	31.71 -0.38 0.00	33.35 -0.47 0.00	34.82 -0.46 0.00	37.37 -0.41 0.00	39.98 -0.44 0.00	42.80 -0.48 0.00	45.92 -0.46 0.00	48.23 -0.64 0.00	59.19 -0.96 0.00	70.55 -0.93 0.00	87.08 -1.32 -0.11	68.44 -0.90 0.00	55.91 -0.62 0.00	47.10 -0.48 0.00	40.16 -0.53 0.00	37.03 -0.53 0.00	32.19 -0.56 0.00
OUTOKUMPU-AB___DRP 24206	29.02 0.26 0.00	26.88 -0.19 0.00	26.72 -0.24 0.00	25.62 -0.52 0.00	26.38 -0.29 0.00	27.36 0.00 0.00	31.25 -0.03 0.00	32.55 0.45 0.00	34.12 0.30 0.00	35.70 0.42 0.00	38.99 1.21 0.00	41.40 0.97 0.00	44.57 1.30 0.00	48.05 1.67 0.00	49.36 0.49 -0.01	59.20 -0.96 -0.01	70.77 -0.71 0.00	85.87 -2.38 0.03	68.38 -0.97 0.00	56.53 0.00 0.00	48.29 0.71 0.00	40.94 0.24 0.00	37.41 -0.15 0.00	32.23 -0.52 0.00
OXBOW___BTM 323836	28.59 -0.17 0.00	26.85 -0.22 0.00	26.67 -0.30 0.00	25.30 -0.84 0.00	26.04 -0.64 0.00	26.98 -0.38 0.00	30.87 -0.41 0.00	32.06 -0.03 0.00	33.58 -0.24 0.00	35.24 -0.04 0.00	38.50 0.72 0.00	40.91 0.49 0.00	44.31 1.04 0.00	47.17 0.79 0.00	48.63 -0.24 -0.01	58.36 -1.80 -0.01	69.77 -1.72 0.00	84.81 -3.44 0.03	67.41 -1.94 0.00	55.91 -0.62 0.00	47.48 -0.09 0.00	40.41 -0.28 0.00	36.85 -0.71 0.00	31.77 -0.98 0.00
OXBOW____ 24026	28.59 -0.17 0.00	26.53 -0.54 0.00	26.37 -0.59 0.00	25.28 -0.86 0.00	26.04 -0.64 0.00	26.98 -0.38 0.00	30.81 -0.47 0.00	32.06 -0.03 0.00	33.58 -0.24 0.00	35.17 -0.11 0.00	38.43 0.64 0.00	40.79 0.36 0.00	43.92 0.65 0.00	47.36 0.97 0.00	48.63 -0.24 -0.01	58.36 -1.80 -0.01	69.77 -1.72 0.00	84.81 -3.44 0.03	67.41 -1.94 0.00	55.74 -0.79 0.00	47.67 0.10 0.00	40.37 -0.33 0.00	36.85 -0.71 0.00	31.77 -0.98 0.00
OXY_CHEM_DSASP 323612	28.13 -0.63 0.00	26.12 -0.95 0.00	25.96 -1.00 0.00	24.89 -1.25 0.00	25.64 -1.04 0.00	26.57 -0.79 0.00	30.31 -0.97 0.00	31.49 -0.61 0.00	32.97 -0.85 0.00	34.53 -0.74 0.00	37.71 -0.08 0.00	40.02 -0.40 0.00	43.10 -0.17 0.00	46.48 0.09 0.00	47.70 -1.17 -0.01	57.27 -2.89 -0.01	68.48 -3.00 0.00	83.49 -4.77 0.03	66.16 -3.19 0.00	54.83 -1.70 0.00	46.91 -0.67 0.00	39.72 -0.98 0.00	36.25 -1.31 0.00	31.24 -1.51 0.00
OZONE_PARK_ESR 323760	31.21 2.44 0.00	29.05 1.98 0.00	28.66 1.70 0.00	27.68 1.54 0.00	28.20 1.52 0.00	29.22 1.86 0.00	33.44 2.16 0.00	34.54 2.44 0.00	36.66 2.84 0.00	38.31 3.03 0.00	41.11 3.32 0.00	44.07 3.56 -0.09	46.99 3.72 0.00	51.07 4.68 0.00	54.49 5.47 -0.15	68.56 7.28 -1.13	82.19 8.79 -1.92	101.19 10.95 -1.95	78.34 8.18 -0.81	62.74 6.22 0.00	52.29 4.71 0.00	44.31 3.62 0.00	41.13 3.57 0.00	35.96 3.21 0.00
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	28.13 -0.63 0.00	26.12 -0.95 0.00	25.96 -1.00 0.00	24.89 -1.25 0.00	25.64 -1.04 0.00	26.57 -0.79 0.00	30.31 -0.97 0.00	31.49 -0.61 0.00	32.97 -0.85 0.00	34.53 -0.74 0.00	37.71 -0.08 0.00	40.02 -0.40 0.00	43.10 -0.17 0.00	46.48 0.09 0.00	47.70 -1.17 -0.01	57.27 -2.89 -0.01	68.48 -3.00 0.00	83.49 -4.77 0.03	66.16 -3.19 0.00	54.83 -1.70 0.00	46.91 -0.67 0.00	39.72 -0.98 0.00	36.25 -1.31 0.00	31.24 -1.51 0.00
PACKARD__I15KV_DUPONT_I84 80571	28.13 -0.63 0.00	26.12 -0.95 0.00	25.96 -1.00 0.00	24.89 -1.25 0.00	25.64 -1.04 0.00	26.57 -0.79 0.00	30.31 -0.97 0.00	31.49 -0.61 0.00	32.97 -0.85 0.00	34.53 -0.74 0.00	37.71 -0.08 0.00	40.02 -0.40 0.00	43.10 -0.17 0.00	46.48 0.09 0.00	47.70 -1.17 -0.01	57.27 -2.89 -0.01	68.48 -3.00 0.00	83.49 -4.77 0.03	66.16 -3.19 0.00	54.83 -1.70 0.00	46.91 -0.67 0.00	39.72 -0.98 0.00	36.25 -1.31 0.00	31.24 -1.51 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	31.10 2.33 -0.01	29.00 1.92 -0.01	28.61 1.64 0.00	27.58 1.44 0.00	28.09 1.41 0.00	29.00 1.64 0.00	33.09 1.81 0.00	34.15 2.05 0.00	36.25 2.43 0.00	37.88 2.61 0.01	40.62 2.83 0.00	43.55 3.03 -0.09	46.26 2.99 0.00	50.19 3.80 0.00	53.42 4.40 -0.15	67.30 6.02 -1.13	80.69 7.29 -1.92	99.33 9.09 -1.94	76.88 6.73 -0.80	61.72 5.20 0.01	51.34 3.76 0.00	44.03 3.34 0.00	40.76 3.19 -0.01	35.71 2.95 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	31.42 2.65 -0.01	29.30 2.22 -0.01	28.90 1.94 0.00	27.89 1.75 0.00	28.39 1.71 0.00	29.30 1.94 0.00	33.44 2.16 0.00	34.50 2.41 0.00	36.59 2.77 0.00	38.23 2.96 0.01	41.00 3.21 0.00	43.95 3.44 -0.09	46.69 3.42 0.00	50.70 4.31 0.00	53.96 4.94 -0.15	67.96 6.68 -1.13	81.48 8.08 -1.92	100.38 10.15 -1.94	77.78 7.63 -0.80	62.45 5.94 0.01	51.91 4.33 0.00	44.52 3.83 0.00	41.21 3.64 -0.01	36.10 3.34 -0.01
PATROON__I15KV_TB1 80586	29.34 0.58 0.00	27.58 0.51 0.00	27.39 0.43 0.00	26.48 0.34 0.00	27.02 0.35 0.00	27.93 0.57 0.00	31.84 0.56 0.00	32.61 0.51 0.00	34.46 0.64 0.00	35.87 0.60 0.00	38.31 0.53 0.00	40.95 0.61 0.08	44.05 0.78 0.00	47.50 1.11 0.00	50.14 1.42 0.14	60.98 1.86 1.04	71.86 2.14 1.76	89.24 2.74 1.79	70.69 2.08 0.74	58.05 1.53 0.00	48.82 1.24 0.00	41.51 0.81 0.00	38.35 0.79 0.00	33.54 0.79 0.00
PATTRSNVILLE___SOLAR 323815	30.17 1.41 0.00	28.40 1.33 0.00	28.18 1.21 0.00	27.24 1.10 0.00	27.80 1.12 0.00	28.70 1.34 0.00	32.78 1.50 0.00	33.54 1.45 0.00	35.24 1.42 0.00	36.58 1.31 0.00	39.07 1.29 0.00	41.90 1.54 0.06	44.99 1.73 0.01	48.47 2.09 0.00	51.06 2.30 0.11	62.36 3.01 0.80	73.69 3.57 1.36	91.77 4.85 1.37	72.73 3.95 0.57	59.75 3.22 0.00	50.34 2.76 0.00	42.85 2.16 0.00	39.44 1.88 0.00	34.39 1.64 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	29.51 0.75 0.00	27.31 0.24 0.00	27.12 0.16 0.00	26.01 -0.13 0.00	26.76 0.08 0.00	27.77 0.41 0.00	31.84 0.56 0.00	33.16 1.06 0.00	34.73 0.91 0.00	36.37 1.09 0.00	39.71 1.93 0.00	42.21 1.78 0.00	45.48 2.21 0.00	49.31 2.92 0.00	50.83 1.95 -0.01	61.00 0.84 -0.01	73.27 1.79 -0.01	87.55 -0.71 0.03	70.81 1.46 -0.01	58.39 1.87 0.00	49.62 2.05 0.00	41.87 1.18 0.00	38.24 0.68 0.00	32.98 0.23 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	30.89 2.13 0.00	28.83 1.76 0.00	28.50 1.54 0.00	27.55 1.41 0.00	28.07 1.39 0.00	29.08 1.72 0.00	33.19 1.91 0.00	34.21 2.12 0.00	36.19 2.37 0.00	37.78 2.50 0.00	40.50 2.72 0.00	43.50 2.99 -0.08	46.65 3.38 0.00	50.65 4.27 0.00	54.08 5.08 -0.13	67.93 6.80 -0.98	81.66 8.51 -1.67	100.76 10.77 -1.69	78.65 8.60 -0.70	62.86 6.33 0.00	52.29 4.71 0.00	44.07 3.38 0.00	40.64 3.08 0.00	35.53 2.78 0.00
PEEKSKILL____ 23653	30.58 1.81 0.00	28.64 1.57 0.00	28.28 1.32 0.00	27.24 1.10 0.00	27.77 1.09 0.00	28.78 1.42 0.00	32.84 1.56 0.00	33.86 1.76 0.00	35.85 2.03 0.00	37.39 2.12 0.00	39.97 2.19 0.00	43.06 2.55 -0.09	46.09 2.81 -0.01	50.05 3.66 0.00	53.17 4.15 -0.15	66.85 5.60 -1.10	80.15 6.79 -1.88	98.76 8.56 -1.90	76.66 6.52 -0.79	61.33 4.80 0.00	51.24 3.66 0.00	43.46 2.77 0.00	40.12 2.56 0.00	35.14 2.39 0.00

PGE MADISON___WINDPWR 24146	31.55 2.79 0.00	29.48 2.41 0.00	29.23 2.27 0.00	28.15 2.01 0.00	28.79 2.11 0.00	30.15 2.79 0.00	34.84 3.56 0.00	38.74 6.64 0.00	40.14 6.32 0.00	42.40 7.13 0.00	45.15 7.37 0.00	48.15 7.72 0.00	51.62 8.35 0.00	55.48 9.09 0.00	57.61 8.75 0.00	70.62 10.47 0.00	84.20 12.72 0.00	98.34 10.06 0.01	77.95 8.60 0.00	63.02 6.50 0.00	53.05 5.47 0.00	44.68 3.99 0.00	41.05 3.49 0.00	35.44 2.69 0.00
PIERCEFIELD___HYD 23852	27.50 -1.27 0.00	26.12 -0.95 0.00	26.13 -0.84 0.00	25.54 -0.60 0.00	26.04 -0.64 0.00	26.26 -1.09 0.00	30.09 -1.19 0.00	30.68 -1.41 0.00	32.26 -1.56 0.00	33.72 -1.55 0.00	36.05 -1.74 0.00	38.65 -1.78 0.00	41.06 -2.21 0.00	43.23 -3.15 0.00	43.33 -4.10 1.43	44.81 -5.17 10.18	46.96 -6.29 18.23	44.32 -7.42 36.56	46.90 -5.89 16.55	44.09 -4.69 7.74	43.81 -3.76 0.01	38.66 -2.03 0.00	35.53 -2.03 0.00	30.95 -1.80 0.00
PINELAWN_CC_1 323563	31.35 2.59 0.00	29.29 2.22 0.00	28.98 2.02 0.00	27.82 1.67 0.00	28.36 1.68 0.00	29.49 2.14 0.00	33.47 2.19 0.00	34.76 2.66 0.00	37.64 3.01 -0.81	38.75 3.07 -0.41	39.90 2.11 0.00	43.43 2.91 -0.09	46.44 3.16 -0.02	56.42 4.08 -5.96	67.10 4.55 -13.69	74.88 6.50 -8.23	105.35 8.00 -25.87	100.58 9.97 -2.31	96.57 7.49 -19.73	69.04 5.65 -6.86	54.22 4.37 -2.27	45.13 3.54 -0.90	40.34 2.78 0.00	36.67 3.34 -0.57
PJM_GEN_HTP_PROXY 323702	30.84 2.07 0.00	28.86 1.79 0.00	28.42 1.45 0.00	27.37 1.23 0.00	27.91 1.23 0.00	28.92 1.56 0.00	33.03 1.75 0.00	34.15 2.06 0.00	36.22 2.40 0.00	37.82 2.54 0.00	40.43 2.64 0.00	43.59 3.07 -0.09	46.57 3.29 -0.01	50.60 4.22 0.00	53.76 4.74 -0.15	67.60 6.31 -1.13	81.05 7.65 -1.92	99.78 9.54 -1.95	77.23 7.08 -0.81	61.72 5.20 0.00	51.58 4.00 0.00	45.20 3.09 -1.42	39.07 2.93 1.42	35.47 2.72 0.00
PJM_GEN_KEystone 24065	29.68 0.92 0.00	27.83 0.76 0.00	27.50 0.54 0.00	26.38 0.23 0.00	26.97 0.29 0.00	27.93 0.58 0.00	32.00 0.72 0.00	33.06 0.96 0.00	34.80 0.98 0.00	36.40 1.13 0.00	39.22 1.44 0.00	42.09 1.62 -0.05	45.07 1.99 0.19	48.38 2.46 0.46	50.69 2.35 0.53	62.19 2.71 0.67	79.43 3.57 -4.38	96.46 3.71 -4.46	76.33 3.33 -3.65	58.15 2.77 1.14	49.18 2.14 0.54	43.56 1.46 -1.41	37.34 1.20 1.42	33.70 0.95 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.98 2.21 0.00	28.96 1.89 0.00	28.63 1.67 0.00	27.53 1.38 0.00	28.04 1.36 0.00	29.14 1.78 0.00	33.09 1.81 0.00	34.34 2.25 0.00	36.79 2.54 -0.44	38.07 2.57 -0.22	39.94 2.15 0.00	43.39 2.87 -0.09	46.36 3.07 -0.01	50.51 4.13 0.00	53.61 4.59 -0.15	71.44 6.37 -4.91	83.41 7.72 -4.21	99.86 9.63 -1.95	77.37 7.21 -0.81	65.63 5.43 -3.68	52.98 4.19 -1.22	45.81 3.26 -1.87	38.84 2.71 1.42	35.87 2.82 -0.31
PJM_GEN_VFT_PROXY 323633	30.72 1.96 0.00	28.78 1.71 0.00	28.34 1.37 0.00	27.29 1.15 0.00	27.82 1.15 0.00	28.83 1.48 0.00	32.94 1.66 0.00	34.02 1.93 0.00	36.08 2.27 0.00	37.67 2.40 0.00	40.32 2.53 0.00	43.46 2.95 -0.09	43.49 3.07 2.85	44.83 4.03 6.59	44.83 4.49 8.53	49.28 6.01 16.89	62.71 7.29 16.06	81.43 9.10 15.96	58.85 6.72 17.23	45.09 4.92 16.35	43.57 3.71 7.72	44.80 2.89 -1.22	38.96 2.82 1.42	35.37 2.62 0.00
PLATSBURG_115KV_PMLD1 355749	28.22 -0.55 0.00	26.91 -0.16 0.00	27.02 0.05 0.00	26.38 0.24 0.00	26.94 0.27 0.00	27.28 -0.08 0.00	31.40 0.13 0.00	32.22 0.13 0.00	33.95 0.14 0.00	35.59 0.32 0.00	38.31 0.53 0.00	41.20 0.77 0.00	43.96 0.69 0.00	44.02 -2.37 0.00	44.96 -3.67 0.24	45.87 -4.63 9.66	51.77 -5.50 14.20	51.75 -6.62 29.92	51.99 -5.20 12.15	42.63 -4.30 9.60	45.00 -2.57 0.01	41.14 0.45 0.00	37.52 -0.04 0.00	32.62 -0.13 0.00
PLEASANTVLY___LBMP 24000	30.29 1.52 0.00	28.34 1.27 0.00	28.04 1.08 0.00	27.08 0.94 0.00	27.61 0.93 0.00	28.59 1.23 0.00	32.62 1.35 0.00	33.57 1.48 0.00	35.54 1.72 0.00	37.04 1.76 0.00	39.60 1.81 0.00	42.43 1.90 -0.10	45.35 2.08 0.00	49.12 2.74 0.00	52.37 3.32 -0.17	65.95 4.51 -1.29	79.17 5.50 -2.19	97.40 6.89 -2.22	75.47 5.20 -0.92	60.43 3.90 0.00	50.48 2.90 0.00	42.85 2.16 0.00	39.66 2.10 0.00	34.75 2.00 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.63 1.87 0.00	28.61 1.54 0.00	28.28 1.32 0.00	27.32 1.18 0.00	27.83 1.15 0.00	28.84 1.48 0.00	32.97 1.69 0.00	33.99 1.89 0.00	36.02 2.20 0.00	37.57 2.29 0.00	40.24 2.46 0.00	43.14 2.63 -0.09	46.13 2.86 0.00	50.05 3.66 0.00	53.32 4.30 -0.16	67.13 5.83 -1.14	80.50 7.08 -1.94	99.18 8.92 -1.97	76.89 6.73 -0.82	61.56 5.03 0.00	51.34 3.76 0.00	43.50 2.81 0.00	40.23 2.67 0.00	35.24 2.49 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.63 1.87 0.00	28.61 1.54 0.00	28.28 1.32 0.00	27.32 1.18 0.00	27.83 1.15 0.00	28.84 1.48 0.00	32.97 1.69 0.00	33.99 1.89 0.00	36.02 2.20 0.00	37.57 2.29 0.00	40.24 2.46 0.00	43.14 2.63 -0.09	46.13 2.86 0.00	50.05 3.66 0.00	53.32 4.30 -0.16	67.13 5.83 -1.14	80.50 7.08 -1.94	99.18 8.92 -1.97	76.89 6.73 -0.82	61.56 5.03 0.00	51.34 3.76 0.00	43.50 2.81 0.00	40.23 2.67 0.00	35.24 2.49 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.52 1.75 0.00	28.56 1.49 0.00	28.26 1.29 0.00	27.29 1.15 0.00	27.83 1.15 0.00	28.81 1.45 0.00	32.84 1.56 0.00	33.73 1.64 0.00	35.71 1.89 0.00	37.22 1.94 0.00	39.82 2.04 0.00	42.59 2.18 0.02	45.74 2.47 0.00	49.58 3.20 0.00	52.75 3.91 0.03	65.19 5.23 0.20	77.50 6.36 0.34	95.90 7.95 0.34	75.31 6.10 0.14	61.16 4.64 0.00	51.10 3.52 0.00	43.21 2.52 0.00	40.00 2.44 0.00	34.98 2.23 0.00
POLETTI___ 23519	30.83 2.07 0.00	28.72 1.65 0.00	28.36 1.40 0.00	27.37 1.23 0.00	27.91 1.23 0.00	28.92 1.56 0.00	33.03 1.75 0.00	34.12 2.02 0.00	36.22 2.40 0.00	37.81 2.54 0.00	40.54 2.76 0.00	43.47 2.95 -0.09	46.34 3.07 0.00	50.33 3.94 0.00	53.66 4.64 -0.15	67.54 6.26 -1.13	80.98 7.58 -1.92	99.60 9.36 -1.95	77.09 6.93 -0.81	61.73 5.20 0.00	51.43 3.85 0.00	43.66 2.97 0.00	40.53 2.97 0.00	35.47 2.72 0.00
POMONA___ESR 323819	30.55 1.78 0.00	28.61 1.54 0.00	28.26 1.29 0.00	27.21 1.07 0.00	27.75 1.07 0.00	28.75 1.39 0.00	32.78 1.50 0.00	33.76 1.67 0.00	35.68 1.86 0.00	37.21 1.94 0.00	39.79 2.00 0.00	42.89 2.38 -0.08	45.97 2.68 -0.01	49.91 3.52 0.00	53.02 4.01 -0.14	66.60 5.42 -1.03	79.88 6.65 -1.75	98.28 8.21 -1.78	76.26 6.17 -0.74	61.10 4.58 0.00	51.05 3.47 0.00	43.30 2.61 0.00	39.97 2.41 0.00	35.01 2.26 0.00
PORT_JEFF_3 23555	31.18 2.42 0.00	29.13 2.06 0.00	28.85 1.89 0.00	27.68 1.54 0.00	28.20 1.52 0.00	29.33 1.97 0.00	33.22 1.94 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	39.71 1.93 0.00	43.34 2.83 -0.09	46.40 3.12 -0.02	53.44 4.13 -2.93	60.32 4.64 -6.81	75.09 6.74 -8.20	95.64 8.29 -15.87	121.00 10.41 -22.29	87.31 7.83 -10.12	69.33 5.93 -6.87	54.47 4.61 -2.27	45.22 3.66 -0.86	40.23 2.67 0.00	36.57 3.24 -0.57

PORT_JEFF_4 23616	31.18 2.42 0.00	29.13 2.06 0.00	28.85 1.89 0.00	27.68 1.54 0.00	28.20 1.52 0.00	29.33 1.97 0.00	33.22 1.94 0.00	34.53 2.44 0.00	37.44 2.81 -0.81	38.54 2.86 -0.41	39.71 1.93 0.00	43.34 2.83 -0.09	46.40 3.12 -0.02	53.44 4.13 -2.93	60.32 4.64 -6.81	75.09 6.74 -8.20	95.64 8.29 -15.87	121.00 10.41 -22.29	87.31 7.83 -10.12	69.33 5.93 -6.87	54.47 4.61 -2.27	45.22 3.66 -0.86	40.23 2.67 0.00	36.57 3.24 -0.57
PORT_JEFF_IC 23713	31.21 2.44 0.00	29.05 1.98 0.00	28.74 1.78 0.00	27.81 1.67 0.00	28.28 1.60 0.00	29.38 2.02 0.00	33.38 2.10 0.00	34.57 2.47 0.00	37.51 2.87 -0.81	38.75 3.07 -0.41	40.69 2.91 0.00	43.43 2.91 -0.09	46.48 3.20 0.00	53.41 3.99 -3.04	60.62 4.69 -7.06	75.22 6.86 -8.21	96.22 8.51 -16.24	135.65 10.60 -36.77	87.80 7.98 -10.48	69.50 6.10 -6.87	54.52 4.66 -2.28	45.30 3.74 -0.87	40.38 2.82 0.00	36.63 3.31 -0.57
PPL PILGRIM_ST_GT1 24216	31.47 2.70 0.00	29.42 2.35 0.00	29.12 2.16 0.00	27.94 1.80 0.00	28.47 1.79 0.00	29.63 2.27 0.00	33.56 2.28 0.00	34.92 2.83 0.00	37.81 3.18 -0.81	38.89 3.21 -0.41	40.20 2.42 0.00	43.91 3.40 -0.09	47.08 3.76 -0.05	54.54 4.73 -3.42	61.68 4.89 -7.93	75.40 7.03 -8.21	97.62 8.65 -17.49	101.30 10.86 -2.15	89.14 8.11 -11.68	69.55 6.16 -6.86	54.84 4.99 -2.27	45.58 3.99 -0.90	40.68 3.12 0.00	36.79 3.47 -0.57
PPL PILGRIM_ST_GT2 24217	31.47 2.70 0.00	29.42 2.35 0.00	29.12 2.16 0.00	27.94 1.80 0.00	28.47 1.79 0.00	29.63 2.27 0.00	33.56 2.28 0.00	34.92 2.83 0.00	37.81 3.18 -0.81	38.89 3.21 -0.41	40.20 2.42 0.00	43.91 3.40 -0.09	47.08 3.76 -0.05	54.54 4.73 -3.42	61.68 4.89 -7.93	75.40 7.03 -8.21	97.62 8.65 -17.49	101.30 10.86 -2.15	89.14 8.11 -11.68	69.55 6.16 -6.86	54.84 4.99 -2.27	45.58 3.99 -0.90	40.68 3.12 0.00	36.79 3.47 -0.57
PPL_SHRM_GT3 24213	30.89 2.13 0.00	28.86 1.79 0.00	28.61 1.64 0.00	27.45 1.31 0.00	27.93 1.25 0.00	29.06 1.70 0.00	32.87 1.59 0.00	34.18 2.09 0.00	37.13 2.50 -0.81	38.23 2.54 -0.41	39.52 1.74 0.00	43.30 2.79 -0.09	46.32 3.03 -0.02	53.58 4.22 -2.98	60.58 4.79 -6.92	75.39 7.03 -8.20	96.30 8.79 -16.03	124.44 11.04 -25.11	88.15 8.53 -10.28	69.89 6.50 -6.87	54.99 5.14 -2.28	45.43 3.87 -0.87	40.23 2.67 0.00	36.44 3.11 -0.57
PPL_SHRM_GT4 24214	30.89 2.13 0.00	28.86 1.79 0.00	28.61 1.64 0.00	27.45 1.31 0.00	27.93 1.25 0.00	29.06 1.70 0.00	32.87 1.59 0.00	34.18 2.09 0.00	37.13 2.50 -0.81	38.23 2.54 -0.41	39.52 1.74 0.00	43.30 2.79 -0.09	46.32 3.03 -0.02	53.58 4.22 -2.98	60.58 4.79 -6.92	75.39 7.03 -8.20	96.30 8.79 -16.03	124.44 11.04 -25.11	88.15 8.53 -10.28	69.89 6.50 -6.87	54.99 5.14 -2.28	45.43 3.87 -0.87	40.23 2.67 0.00	36.44 3.11 -0.57
PROJECT___ORANGE 1 24174	28.91 0.14 0.00	27.07 0.00 0.00	26.91 -0.05 0.00	25.98 -0.16 0.00	26.54 -0.13 0.00	27.39 0.03 0.00	31.44 0.16 0.00	32.45 0.35 0.00	34.09 0.27 0.00	35.63 0.35 0.00	38.24 0.45 0.00	40.91 0.49 0.00	43.75 0.48 0.00	47.08 0.70 0.00	49.42 0.59 0.04	60.56 0.48 0.07	71.84 0.57 0.20	88.53 0.44 0.21	69.56 0.42 0.20	56.98 0.45 0.00	48.05 0.48 0.00	40.81 0.12 0.00	37.64 0.08 0.00	32.72 -0.03 0.00
PROJECT___ORANGE 2 24166	28.91 0.14 0.00	27.07 0.00 0.00	26.91 -0.05 0.00	25.98 -0.16 0.00	26.54 -0.13 0.00	27.39 0.03 0.00	31.44 0.16 0.00	32.45 0.35 0.00	34.09 0.27 0.00	35.63 0.35 0.00	38.24 0.45 0.00	40.91 0.49 0.00	43.75 0.48 0.00	47.08 0.70 0.00	49.42 0.59 0.04	60.56 0.48 0.07	71.84 0.57 0.20	88.53 0.44 0.21	69.56 0.42 0.20	56.98 0.45 0.00	48.05 0.48 0.00	40.81 0.12 0.00	37.64 0.08 0.00	32.72 -0.03 0.00
PUCKETT___SOLAR 323809	29.97 1.21 0.00	28.10 1.03 0.00	27.90 0.94 0.00	26.85 0.71 0.00	27.42 0.75 0.00	28.42 1.07 0.00	32.65 1.37 0.00	34.31 2.21 0.00	35.85 2.03 0.00	37.53 2.26 0.00	40.24 2.45 0.00	43.02 2.59 0.00	46.17 2.90 0.00	49.68 3.29 0.00	51.95 3.08 0.00	63.64 3.49 0.00	75.84 4.36 0.00	92.61 4.33 0.01	73.30 3.95 0.00	59.58 3.05 0.00	50.15 2.57 0.00	42.48 1.79 0.00	39.06 1.50 0.00	33.86 1.11 0.00
PYRITES___HYD 24023	28.13 -0.63 0.00	26.69 -0.38 0.00	26.72 -0.24 0.00	26.14 0.00 0.00	26.62 -0.05 0.00	26.89 -0.47 0.00	30.90 -0.38 0.00	31.49 -0.61 0.00	33.01 -0.81 0.00	34.53 -0.74 0.00	36.84 -0.94 0.00	39.42 -1.01 0.00	41.93 -1.34 0.00	44.16 -2.23 0.00	44.23 -3.13 1.51	45.58 -4.03 10.54	47.58 -4.93 18.96	45.71 -5.65 36.93	47.74 -4.37 17.24	45.23 -3.34 7.96	44.91 -2.66 0.01	39.51 -1.18 0.00	36.28 -1.28 0.00	31.57 -1.18 0.00
QUAKERRD_115KV_BK1 80622	28.36 -0.40 0.00	26.45 -0.62 0.00	26.29 -0.67 0.00	25.28 -0.86 0.00	25.93 -0.75 0.00	26.81 -0.55 0.00	30.72 -0.56 0.00	31.90 -0.19 0.00	33.48 -0.34 0.00	34.99 -0.28 0.00	37.90 0.11 0.00	40.43 0.00 0.00	43.40 0.13 0.00	46.66 0.28 0.00	48.57 -0.29 0.00	59.07 -1.08 0.00	70.26 -1.22 0.00	86.40 -1.85 0.04	68.03 -1.32 0.00	55.85 -0.68 0.00	47.48 -0.10 0.00	40.20 -0.49 0.00	36.81 -0.75 0.00	31.80 -0.95 0.00
QUEENSBRY_115KV_TB8 356137	31.50 2.73 0.00	29.56 2.49 0.00	29.23 2.26 0.00	28.36 2.22 0.00	28.97 2.29 0.00	30.01 2.65 0.00	34.38 3.10 0.00	35.24 3.15 0.00	37.13 3.31 0.00	38.63 3.35 0.00	41.00 3.21 0.00	43.98 3.64 0.09	47.47 4.20 0.00	50.93 4.55 0.00	53.60 4.89 0.16	65.07 6.08 1.16	76.50 7.00 1.98	94.59 8.30 2.00	75.80 7.28 0.83	62.41 5.88 0.00	52.62 5.04 0.00	44.68 3.99 0.00	40.98 3.42 0.00	35.63 2.88 0.00
RAMAPO___LBMP 323565	30.43 1.67 0.00	28.42 1.35 0.00	28.09 1.13 0.00	27.13 0.99 0.00	27.67 0.99 0.00	28.64 1.29 0.00	32.69 1.41 0.00	33.67 1.57 0.00	35.58 1.76 0.00	37.14 1.87 0.00	39.75 1.96 0.00	42.69 2.18 -0.08	45.65 2.38 0.00	49.49 3.11 0.00	52.77 3.76 -0.14	66.29 5.11 -1.02	79.44 6.22 -1.74	97.82 7.77 -1.76	75.97 5.89 -0.73	60.94 4.41 0.00	50.81 3.24 0.00	43.05 2.36 0.00	39.85 2.29 0.00	34.91 2.16 0.00
RANKINE____ 23646	29.25 0.49 0.00	27.10 0.03 0.00	26.93 -0.03 0.00	25.83 -0.31 0.00	26.60 -0.08 0.00	27.58 0.22 0.00	31.56 0.28 0.00	32.90 0.80 0.00	34.49 0.68 0.00	36.09 0.81 0.00	39.41 1.62 0.00	41.88 1.46 0.00	45.09 1.82 0.00	48.80 2.41 0.00	50.24 1.37 -0.01	60.34 0.18 -0.01	72.27 0.79 -0.01	87.20 -1.06 0.03	69.84 0.49 -0.01	57.66 1.13 0.00	49.10 1.52 0.00	41.47 0.77 0.00	37.90 0.34 0.00	32.65 -0.10 0.00
RAVENSWOOD_GT2_1 24244	30.89 2.13 0.00	28.80 1.73 0.00	28.42 1.46 0.00	27.45 1.31 0.00	27.96 1.28 0.00	28.97 1.61 0.00	33.12 1.85 0.00	34.21 2.12 0.00	36.29 2.47 0.00	37.92 2.65 0.00	40.62 2.83 0.00	43.55 3.03 -0.09	46.43 3.16 0.00	50.37 3.99 0.00	53.71 4.69 -0.15	67.54 6.26 -1.13	80.98 7.58 -1.92	99.60 9.36 -1.95	77.16 7.00 -0.81	61.78 5.26 0.00	51.53 3.95 0.00	43.74 3.05 0.00	40.60 3.04 0.00	35.53 2.78 0.00

RAVENSWOOD_GT2_2 24245	30.89 2.13 0.00	28.80 1.73 0.00	28.42 1.46 0.00	27.45 1.31 0.00	27.96 1.28 0.00	28.97 1.61 0.00	33.12 1.85 0.00	34.21 2.12 0.00	36.29 2.47 0.00	37.92 2.65 0.00	40.62 2.83 0.00	43.55 3.03 -0.09	46.43 3.16 0.00	50.37 3.99 0.00	53.71 4.69 -0.15	67.54 6.26 -1.13	80.98 7.58 -1.92	99.60 9.36 -1.95	77.16 7.00 -0.81	61.78 5.26 0.00	51.53 3.95 0.00	43.74 3.05 0.00	40.60 3.04 0.00	35.53 2.78 0.00
RAVENSWOOD_GT2_3 24246	30.89 2.13 0.00	28.80 1.73 0.00	28.44 1.48 0.00	27.45 1.31 0.00	27.99 1.31 0.00	29.00 1.64 0.00	33.16 1.88 0.00	34.21 2.12 0.00	36.32 2.50 0.00	37.92 2.65 0.00	40.66 2.87 0.00	43.59 3.07 -0.09	46.43 3.16 0.00	50.42 4.04 0.00	53.76 4.74 -0.15	67.60 6.32 -1.13	81.05 7.65 -1.92	99.69 9.45 -1.95	77.23 7.07 -0.81	61.84 5.31 0.00	51.58 4.00 0.00	43.78 3.09 0.00	40.64 3.08 0.00	35.57 2.82 0.00
RAVENSWOOD_GT2_4 24247	30.89 2.13 0.00	28.80 1.73 0.00	28.44 1.48 0.00	27.45 1.31 0.00	27.99 1.31 0.00	29.00 1.64 0.00	33.16 1.88 0.00	34.21 2.12 0.00	36.32 2.50 0.00	37.92 2.65 0.00	40.66 2.87 0.00	43.59 3.07 -0.09	46.43 3.16 0.00	50.42 4.04 0.00	53.76 4.74 -0.15	67.60 6.32 -1.13	81.05 7.65 -1.92	99.69 9.45 -1.95	77.23 7.07 -0.81	61.84 5.31 0.00	51.58 4.00 0.00	43.78 3.09 0.00	40.64 3.08 0.00	35.57 2.82 0.00
RAVENSWOOD_GT3_1 24248	30.89 2.13 0.00	28.80 1.73 0.00	28.42 1.46 0.00	27.45 1.31 0.00	27.96 1.28 0.00	28.97 1.61 0.00	33.12 1.85 0.00	34.21 2.12 0.00	36.29 2.47 0.00	37.92 2.65 0.00	40.62 2.83 0.00	43.55 3.03 -0.09	46.43 3.16 0.00	50.37 3.99 0.00	53.71 4.69 -0.15	67.54 6.26 -1.13	80.98 7.58 -1.92	99.69 9.45 -1.95	77.16 7.00 -0.81	61.84 5.31 0.00	51.53 3.95 0.00	43.74 3.05 0.00	40.60 3.04 0.00	35.53 2.78 0.00
RAVENSWOOD_GT3_2 24249	30.89 2.13 0.00	28.80 1.73 0.00	28.42 1.46 0.00	27.45 1.31 0.00	27.96 1.28 0.00	28.97 1.61 0.00	33.12 1.85 0.00	34.21 2.12 0.00	36.29 2.47 0.00	37.92 2.65 0.00	40.62 2.83 0.00	43.55 3.03 -0.09	46.43 3.16 0.00	50.37 3.99 0.00	53.71 4.69 -0.15	67.54 6.26 -1.13	80.98 7.58 -1.92	99.69 9.45 -1.95	77.16 7.00 -0.81	61.84 5.31 0.00	51.53 3.95 0.00	43.74 3.05 0.00	40.60 3.04 0.00	35.53 2.78 0.00
RAVENSWOOD_GT3_3 24250	30.95 2.19 0.00	28.83 1.76 0.00	28.47 1.51 0.00	27.47 1.33 0.00	28.01 1.33 0.00	29.03 1.67 0.00	33.19 1.91 0.00	34.28 2.18 0.00	36.35 2.54 0.00	37.99 2.72 0.00	40.73 2.95 0.00	43.67 3.15 -0.09	46.52 3.25 0.00	50.51 4.13 0.00	53.86 4.84 -0.15	67.72 6.44 -1.13	81.19 7.79 -1.92	99.86 9.62 -1.95	77.37 7.21 -0.81	61.95 5.43 0.00	51.62 4.04 0.00	43.83 3.13 0.00	40.68 3.12 0.00	35.60 2.85 0.00
RAVENSWOOD_GT3_4 24251	30.95 2.19 0.00	28.83 1.76 0.00	28.47 1.51 0.00	27.47 1.33 0.00	28.01 1.33 0.00	29.03 1.67 0.00	33.19 1.91 0.00	34.28 2.18 0.00	36.35 2.54 0.00	37.99 2.72 0.00	40.73 2.95 0.00	43.67 3.15 -0.09	46.52 3.25 0.00	50.51 4.13 0.00	53.86 4.84 -0.15	67.72 6.44 -1.13	81.19 7.79 -1.92	99.86 9.62 -1.95	77.37 7.21 -0.81	61.95 5.43 0.00	51.62 4.04 0.00	43.83 3.13 0.00	40.68 3.12 0.00	35.60 2.85 0.00
RAVENSWOOD_GT_1 23729	39.13 2.27 -8.09	31.79 1.84 -2.88	30.53 1.56 -2.01	29.69 1.39 -2.16	30.15 1.39 -2.08	30.94 1.70 -1.88	35.16 1.94 -1.95	36.26 2.25 -1.92	37.93 2.64 -1.47	43.45 2.82 -5.35	47.70 3.06 -6.85	43.75 3.23 -0.09	46.52 3.25 0.00	51.86 4.04 -1.44	48.94 4.64 4.58	67.49 6.20 -1.14	80.91 7.51 -1.93	99.51 9.27 -1.95	75.97 6.87 0.25	63.37 5.26 -1.59	52.62 3.90 -1.14	45.56 3.26 -1.62	44.99 3.27 -4.16	40.63 2.98 -4.90
RAVENSWOOD_GT_10 24258	30.89 2.13 0.00	28.80 1.73 0.00	28.42 1.46 0.00	27.45 1.31 0.00	27.96 1.28 0.00	28.97 1.61 0.00	33.12 1.85 0.00	34.21 2.12 0.00	36.29 2.47 0.00	37.65 2.65 0.27	40.62 2.83 0.00	43.55 3.03 -0.09	46.43 3.16 0.00	50.37 3.99 0.00	53.71 4.69 -0.15	67.54 6.26 -1.13	80.98 7.58 -1.92	99.69 9.45 -1.95	77.16 7.00 -0.81	61.84 5.31 0.00	51.53 3.95 0.00	43.74 3.05 0.00	40.60 3.04 0.00	35.53 2.78 0.00
RAVENSWOOD_GT_11 24259	30.89 2.13 0.00	28.80 1.73 0.00	28.42 1.46 0.00	27.45 1.31 0.00	27.96 1.28 0.00	28.97 1.61 0.00	33.12 1.85 0.00	34.21 2.12 0.00	36.29 2.47 0.00	37.65 2.65 0.27	40.62 2.83 0.00	43.55 3.03 -0.09	46.43 3.16 0.00	50.37 3.99 0.00	53.71 4.69 -0.15	67.54 6.26 -1.13	80.98 7.58 -1.92	99.69 9.45 -1.95	77.16 7.00 -0.81	61.84 5.31 0.00	51.53 3.95 0.00	43.74 3.05 0.00	40.60 3.04 0.00	35.53 2.78 0.00
RAVENSWOOD_GT_4 24252	37.01 2.10 -6.15	30.97 1.71 -2.19	29.95 1.46 -1.53	29.07 1.28 -1.64	29.54 1.28 -1.59	30.41 1.61 -1.43	34.61 1.85 -1.48	35.64 2.09 -1.46	37.37 2.43 -1.12	37.89 2.61 -0.01	45.84 2.83 -5.22	43.51 2.99 -0.09	46.43 3.16 0.00	51.47 3.99 -1.09	50.16 4.74 3.45	67.61 6.32 -1.14	81.05 7.65 -1.93	99.78 9.54 -1.95	76.43 7.07 0.00	63.05 5.31 -1.21	52.44 4.00 -0.87	44.93 3.01 -1.23	43.72 3.00 -3.16	39.26 2.78 -3.72
RAVENSWOOD_GT_5 24254	37.01 2.10 -6.15	30.97 1.71 -2.19	29.95 1.46 -1.53	29.07 1.28 -1.64	29.54 1.28 -1.59	30.41 1.61 -1.43	34.61 1.85 -1.48	35.64 2.09 -1.46	37.37 2.43 -1.12	37.89 2.61 -0.01	45.84 2.83 -5.22	43.51 2.99 -0.09	46.43 3.16 0.00	51.47 3.99 -1.09	50.16 4.74 3.45	67.61 6.32 -1.14	81.05 7.65 -1.93	99.78 9.54 -1.95	76.43 7.07 0.00	63.05 5.31 -1.21	52.44 4.00 -0.87	44.93 3.01 -1.23	43.72 3.00 -3.16	39.26 2.78 -3.72
RAVENSWOOD_GT_6 24253	37.01 2.10 -6.15	30.97 1.71 -2.19	29.95 1.46 -1.53	29.07 1.28 -1.64	29.54 1.28 -1.59	30.41 1.61 -1.43	34.61 1.85 -1.48	35.64 2.09 -1.46	37.37 2.43 -1.12	37.89 2.61 -0.01	45.84 2.83 -5.22	43.51 2.99 -0.09	46.43 3.16 0.00	51.47 3.99 -1.09	50.16 4.74 3.45	67.61 6.32 -1.14	81.05 7.65 -1.93	99.78 9.54 -1.95	76.43 7.07 0.00	63.05 5.31 -1.21	52.44 4.00 -0.87	44.93 3.01 -1.23	43.72 3.00 -3.16	39.26 2.78 -3.72
RAVENSWOOD_GT_7 24255	37.01 2.10 -6.15	30.97 1.71 -2.19	29.95 1.46 -1.53	29.07 1.28 -1.64	29.54 1.28 -1.59	30.41 1.61 -1.43	34.61 1.85 -1.48	35.64 2.09 -1.46	37.37 2.43 -1.12	37.89 2.61 -0.01	45.84 2.83 -5.22	43.51 2.99 -0.09	46.43 3.16 0.00	51.47 3.99 -1.09	50.16 4.74 3.45	67.61 6.32 -1.14	81.05 7.65 -1.93	99.78 9.54 -1.95	76.43 7.07 0.00	63.05 5.31 -1.21	52.44 4.00 -0.87	44.93 3.01 -1.23	43.72 3.00 -3.16	39.26 2.78 -3.72
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.89 2.13 0.00	28.80 1.73 0.00	28.42 1.46 0.00	27.45 1.31 0.00	27.96 1.28 0.00	28.97 1.61 0.00	33.12 1.85 0.00	34.21 2.12 0.00	36.29 2.47 0.00	37.65 2.65 0.27	40.62 2.83 0.00	43.55 3.03 -0.09	46.43 3.16 0.00	50.37 3.99 0.00	53.71 4.69 -0.15	67.54 6.26 -1.13	80.98 7.58 -1.92	99.69 9.45 -1.95	77.16 7.00 -0.81	61.84 5.31 0.00	51.53 3.95 0.00	43.74 3.05 0.00	40.60 3.04 0.00	35.53 2.78 0.00

RAVENSWOOD_GT_9 24257	30.89 2.13 0.00	28.80 1.73 0.00	28.42 1.46 0.00	27.45 1.31 0.00	27.96 1.28 0.00	28.97 1.61 0.00	33.12 1.85 0.00	34.21 2.12 0.00	36.29 2.47 0.00	37.65 2.65 0.27	40.62 2.83 0.00	43.55 3.03 -0.09	46.43 3.16 0.00	50.37 3.99 0.00	53.71 4.69 -0.15	67.54 6.26 -1.13	80.98 7.58 -1.92	99.69 9.45 -1.95	77.16 7.00 -0.81	61.84 5.31 0.00	51.53 3.95 0.00	43.74 3.05 0.00	40.60 3.04 0.00	35.53 2.78 0.00
RAVENSWOOD___1 23533	31.04 2.27 -0.01	29.02 1.95 0.00	28.58 1.62 0.00	27.50 1.36 0.00	28.04 1.36 0.00	29.03 1.67 0.00	33.16 1.88 0.00	34.31 2.21 0.00	36.42 2.60 0.00	40.72 2.79 -2.65	40.69 2.91 0.00	43.87 3.35 -0.09	46.70 3.42 -0.01	50.74 4.36 0.00	53.61 4.59 -0.15	67.42 6.14 -1.13	80.83 7.43 -1.92	99.50 9.27 -1.94	74.35 6.80 1.80	57.58 5.14 4.09	51.48 3.90 0.00	44.03 3.34 0.00	40.80 3.23 -0.01	35.71 2.95 -0.01
RAVENSWOOD___2 23534	30.96 2.18 -0.01	28.96 1.89 0.00	28.52 1.56 0.00	27.45 1.31 0.00	27.99 1.31 0.00	28.97 1.61 0.00	33.09 1.81 0.00	34.25 2.15 0.00	36.36 2.54 0.00	40.60 2.68 -2.65	40.62 2.84 0.00	43.79 3.27 -0.09	46.62 3.33 -0.01	50.56 4.18 0.00	53.17 4.15 -0.15	66.88 5.60 -1.13	80.19 6.79 -1.92	98.71 8.48 -1.94	73.68 6.17 1.84	57.01 4.64 4.16	51.15 3.57 0.00	43.95 3.26 0.00	40.72 3.16 -0.01	35.64 2.88 -0.01
RAVENSWOOD___3 23535	30.89 2.13 0.00	28.91 1.84 0.00	28.50 1.54 0.00	27.42 1.28 0.00	27.99 1.31 0.00	28.97 1.61 0.00	33.09 1.81 0.00	34.21 2.12 0.00	36.29 2.47 0.00	37.89 2.61 0.00	40.54 2.76 0.00	43.67 3.16 -0.09	46.62 3.33 -0.01	50.65 4.26 0.00	53.71 4.69 -0.15	67.54 6.26 -1.13	80.97 7.57 -1.92	99.69 9.45 -1.95	77.16 7.00 -0.81	61.72 5.20 0.00	51.58 4.00 0.00	43.87 3.18 0.00	40.60 3.04 0.00	35.53 2.78 0.00
RAVENSWOOD___4 23820	23.05 2.24 7.96	26.16 1.92 2.83	26.60 1.62 1.98	25.37 1.36 2.13	25.99 1.36 2.05	27.17 1.67 1.85	31.24 1.88 1.92	32.39 2.18 1.89	34.97 2.60 1.45	38.02 2.75 0.01	33.94 2.91 6.75	39.67 3.32 4.07	43.41 3.38 3.23	49.28 4.31 1.42	58.22 4.55 -4.81	67.35 6.07 -1.12	80.76 7.36 -1.91	99.40 9.18 -1.93	72.70 6.72 3.37	51.86 5.09 9.75	50.31 3.85 1.12	42.39 3.29 1.59	36.67 3.19 4.08	30.85 2.91 4.81
RCPL_TRUST___DRP 24196	30.86 2.10 0.00	28.78 1.71 0.00	28.39 1.43 0.00	27.42 1.28 0.00	27.93 1.25 0.00	28.97 1.61 0.00	33.12 1.85 0.00	34.21 2.12 0.00	36.29 2.47 0.00	37.92 2.65 0.00	40.66 2.87 0.00	43.59 3.07 -0.09	46.52 3.25 0.00	50.51 4.13 0.00	53.96 4.94 -0.15	67.78 6.50 -1.13	81.26 7.86 -1.92	100.04 9.80 -1.95	77.44 7.28 -0.81	61.95 5.43 0.00	51.62 4.04 0.00	43.74 3.05 0.00	40.60 3.04 0.00	35.53 2.78 0.00
RED___ROCHESTER 323720	29.17 0.40 0.00	27.37 0.30 0.00	27.18 0.21 0.00	25.96 -0.18 0.00	26.62 -0.05 0.00	27.52 0.17 0.00	31.56 0.28 0.00	32.84 0.74 0.00	34.46 0.64 0.00	36.05 0.78 0.00	39.18 1.40 0.00	41.76 1.33 0.00	45.09 1.82 0.00	48.10 1.72 0.00	50.09 1.22 0.00	60.69 0.54 0.00	72.19 0.71 0.00	88.52 0.27 0.04	69.77 0.42 0.00	57.55 1.02 0.00	48.86 1.29 0.00	41.43 0.73 0.00	37.82 0.26 0.00	32.65 -0.10 0.00
REGAN___SOLAR 323812	31.47 2.70 0.00	29.61 2.54 0.00	29.31 2.34 0.00	28.34 2.20 0.00	28.94 2.27 0.00	29.96 2.60 0.00	34.31 3.03 0.00	35.02 2.92 0.00	36.66 2.84 0.00	37.95 2.68 0.00	40.54 2.76 0.00	43.61 3.24 0.06	46.94 3.68 0.01	50.51 4.13 0.00	53.12 4.35 0.10	65.02 5.60 0.73	76.95 6.72 1.24	96.13 9.10 1.26	76.39 7.56 0.52	62.63 6.11 0.00	52.91 5.33 0.00	44.92 4.23 0.00	41.13 3.57 0.00	35.73 2.98 0.00
RENSSELAER___COGEN 23796	29.14 0.37 0.00	27.48 0.41 0.00	27.29 0.32 0.00	26.35 0.21 0.00	26.87 0.19 0.00	27.77 0.41 0.00	31.62 0.34 0.00	32.38 0.29 0.00	34.23 0.41 0.00	35.56 0.28 0.00	38.01 0.23 0.00	40.63 0.28 0.08	43.65 0.39 0.01	47.12 0.74 0.00	49.70 0.98 0.14	60.44 1.32 1.03	71.22 1.50 1.76	88.54 2.03 1.78	70.13 1.52 0.74	57.60 1.07 0.00	48.44 0.86 0.00	41.26 0.57 0.00	38.12 0.56 0.00	33.34 0.59 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.60 4.83 0.00	31.51 4.44 0.00	31.01 4.04 0.00	30.11 3.97 0.00	30.79 4.11 0.00	31.98 4.62 0.00	36.75 5.47 0.00	37.62 5.52 0.00	39.64 5.82 0.00	41.20 5.93 0.00	43.91 6.12 0.00	47.25 6.91 0.09	51.15 7.88 0.00	54.92 8.53 0.00	57.65 8.94 0.16	69.88 10.89 1.16	82.29 12.79 1.98	99.97 13.69 2.00	80.10 11.58 0.83	66.02 9.50 0.00	55.67 8.09 0.00	47.12 6.43 0.00	42.97 5.41 0.00	37.27 4.52 0.00
REVERE_CPPR_DRP 24186	29.97 1.21 0.00	28.02 0.95 0.00	27.88 0.92 0.00	27.00 0.86 0.00	27.59 0.91 0.00	28.43 1.07 0.00	32.75 1.47 0.00	33.70 1.60 0.00	35.34 1.52 0.00	36.97 1.69 0.00	39.52 1.74 0.00	42.21 1.78 0.00	45.09 1.82 0.00	48.47 2.09 0.00	50.75 2.00 0.12	62.01 2.35 0.49	73.39 2.93 1.02	96.77 3.80 -4.69	71.58 3.19 0.96	58.96 2.71 0.28	50.01 2.43 0.00	42.36 1.67 0.00	39.02 1.46 0.00	33.86 1.11 0.00
REYNOLDS_115KV_TB3 80639	29.42 0.66 0.00	27.69 0.62 0.00	27.50 0.54 0.00	26.61 0.47 0.00	27.13 0.45 0.00	28.04 0.68 0.00	31.94 0.66 0.00	32.71 0.61 0.00	34.60 0.78 0.00	35.91 0.63 0.00	38.35 0.57 0.00	40.94 0.61 0.10	43.96 0.69 0.00	47.45 1.07 0.00	50.07 1.37 0.17	60.78 1.86 1.24	71.51 2.14 2.11	88.89 2.74 2.14	70.61 2.15 0.89	58.11 1.58 0.00	48.86 1.28 0.00	41.55 0.85 0.00	38.46 0.90 0.00	33.67 0.92 0.00
RIVERBAY____ 323610	31.42 2.65 -0.01	29.30 2.22 -0.01	28.90 1.94 0.00	27.89 1.75 0.00	28.39 1.71 0.00	29.30 1.94 0.00	33.44 2.16 0.00	34.50 2.41 0.00	36.59 2.77 0.00	38.23 2.96 0.01	41.00 3.21 0.00	43.95 3.44 -0.09	46.69 3.42 0.00	50.70 4.31 0.00	53.96 4.94 -0.15	67.96 6.68 -1.13	81.48 8.08 -1.92	100.38 10.15 -1.94	77.78 7.63 -0.80	62.45 5.94 0.01	51.91 4.33 0.00	44.52 3.83 0.00	41.21 3.64 -0.01	36.10 3.34 -0.01
RIVERSDE_115KV_TB3 55908	29.28 0.52 0.00	27.53 0.46 0.00	27.37 0.40 0.00	26.46 0.31 0.00	27.00 0.32 0.00	27.88 0.52 0.00	31.78 0.50 0.00	32.55 0.45 0.00	34.39 0.57 0.00	35.77 0.49 0.00	38.20 0.42 0.00	40.83 0.49 0.08	43.88 0.61 0.00	47.31 0.93 0.00	49.94 1.22 0.15	60.76 1.68 1.08	71.57 1.93 1.84	88.90 2.47 1.86	70.45 1.87 0.77	57.88 1.36 0.00	48.67 1.09 0.00	41.38 0.69 0.00	38.27 0.71 0.00	33.47 0.72 0.00
ROARING___BROOK_WT_PWR 323790	27.38 -1.38 0.00	25.85 -1.22 0.00	25.83 -1.13 0.00	25.20 -0.94 0.00	25.72 -0.96 0.00	26.26 -1.10 0.00	30.18 -1.10 0.00	30.97 -1.12 0.00	32.77 -1.05 0.00	34.36 -0.92 0.00	36.80 -0.98 0.00	39.30 -1.13 0.00	41.97 -1.30 0.00	44.81 -1.58 0.00	47.20 -1.52 0.15	43.64 -1.80 14.71	48.25 -2.22 21.01	43.61 -2.65 42.03	49.40 -2.15 17.80	39.63 -1.81 15.08	45.95 -1.62 0.01	39.47 -1.22 0.00	36.51 -1.05 0.00	31.87 -0.88 0.00

ROCHESRG_115KV_T4 355643	28.82 0.06 0.00	26.85 -0.22 0.00	26.66 -0.30 0.00	25.64 -0.50 0.00	26.33 -0.35 0.00	27.22 -0.14 0.00	31.15 -0.13 0.00	32.39 0.29 0.00	33.99 0.17 0.00	35.52 0.25 0.00	38.50 0.72 0.00	41.07 0.65 0.00	44.09 0.82 0.00	47.45 1.07 0.00	49.31 0.44 0.00	59.79 -0.36 0.00	71.19 -0.29 0.00	87.46 -0.79 0.04	68.86 -0.49 0.00	56.70 0.17 0.00	48.24 0.67 0.00	40.81 0.12 0.00	37.37 -0.19 0.00	32.26 -0.49 0.00
ROCHESTER_9_IC 23652	29.02 0.26 0.00	27.02 -0.05 0.00	26.85 -0.11 0.00	25.80 -0.34 0.00	26.49 -0.19 0.00	27.39 0.03 0.00	31.37 0.09 0.00	32.64 0.55 0.00	34.22 0.41 0.00	35.77 0.49 0.00	38.84 1.06 0.00	41.40 0.97 0.00	44.48 1.21 0.00	47.87 1.48 0.00	49.70 0.83 0.00	60.27 0.12 0.00	71.69 0.21 0.00	88.08 -0.18 0.04	69.35 0.00 0.00	57.09 0.57 0.00	48.63 1.05 0.00	41.14 0.45 0.00	37.64 0.08 0.00	32.45 -0.29 0.00
ROCKVIEW_13_KV_LD 356306	30.83 2.07 0.00	28.78 1.71 0.00	28.42 1.46 0.00	27.45 1.31 0.00	27.96 1.28 0.00	29.00 1.64 0.00	33.16 1.88 0.00	34.21 2.12 0.00	36.25 2.43 0.00	37.85 2.58 0.00	40.54 2.76 0.00	43.51 2.99 -0.09	46.52 3.25 0.00	50.47 4.08 0.00	53.81 4.79 -0.15	67.72 6.44 -1.13	81.26 7.86 -1.92	100.04 9.80 -1.95	77.65 7.49 -0.81	62.12 5.60 0.00	51.77 4.19 0.00	43.83 3.13 0.00	40.53 2.97 0.00	35.50 2.75 0.00
ROME____115KV_TB2 80656	29.97 1.21 0.00	28.02 0.95 0.00	27.88 0.92 0.00	27.00 0.86 0.00	27.59 0.91 0.00	28.43 1.07 0.00	32.75 1.47 0.00	33.70 1.60 0.00	35.34 1.52 0.00	36.97 1.69 0.00	39.52 1.74 0.00	42.21 1.78 0.00	45.09 1.82 0.00	48.47 2.09 0.00	50.75 2.00 0.12	62.01 2.35 0.49	73.39 2.93 1.02	96.77 3.80 -4.69	71.58 3.19 0.96	58.96 2.71 0.28	50.01 2.43 0.00	42.36 1.67 0.00	39.02 1.46 0.00	33.86 1.11 0.00
ROSETON___1 23587	30.26 1.49 0.00	28.40 1.33 0.00	28.07 1.11 0.00	27.06 0.91 0.00	27.59 0.91 0.00	28.56 1.20 0.00	32.56 1.28 0.00	33.54 1.45 0.00	35.48 1.66 0.00	36.97 1.69 0.00	39.49 1.70 0.00	42.45 1.94 -0.08	45.40 2.12 -0.01	49.26 2.88 0.00	52.23 3.22 -0.14	65.58 4.39 -1.03	78.53 5.29 -1.76	96.70 6.63 -1.78	75.08 5.00 -0.74	60.26 3.73 0.00	50.43 2.85 0.00	42.89 2.20 0.00	39.62 2.06 0.00	34.71 1.96 0.00
ROSETON___2 23588	30.26 1.49 0.00	28.40 1.33 0.00	28.07 1.11 0.00	27.06 0.91 0.00	27.59 0.91 0.00	28.56 1.20 0.00	32.56 1.28 0.00	33.54 1.45 0.00	35.48 1.66 0.00	36.97 1.69 0.00	39.49 1.70 0.00	42.45 1.94 -0.08	45.40 2.12 -0.01	49.26 2.88 0.00	52.23 3.22 -0.14	65.58 4.39 -1.03	78.53 5.29 -1.76	96.70 6.63 -1.78	75.08 5.00 -0.74	60.26 3.73 0.00	50.43 2.85 0.00	42.89 2.20 0.00	39.62 2.06 0.00	34.71 1.96 0.00
ROTTRDAM_115KV_TB3 80664	29.74 0.98 0.00	27.94 0.87 0.00	27.77 0.81 0.00	26.87 0.73 0.00	27.43 0.75 0.00	28.32 0.96 0.00	32.31 1.03 0.00	33.09 0.99 0.00	34.90 1.08 0.00	36.30 1.02 0.00	38.80 1.02 0.00	41.50 1.13 0.06	44.52 1.25 0.00	47.96 1.58 0.00	50.56 1.81 0.11	61.68 2.35 0.82	72.87 2.79 1.40	90.41 3.53 1.42	71.60 2.84 0.59	58.79 2.26 0.00	49.48 1.90 0.00	42.12 1.42 0.00	38.87 1.31 0.00	33.93 1.18 0.00
RUSSELL___1 23602	29.17 0.40 0.00	27.18 0.11 0.00	26.99 0.03 0.00	25.93 -0.21 0.00	26.62 -0.05 0.00	27.52 0.16 0.00	31.53 0.25 0.00	32.83 0.74 0.00	34.46 0.64 0.00	36.02 0.74 0.00	39.11 1.32 0.00	41.68 1.25 0.00	44.83 1.56 0.00	48.19 1.81 0.00	50.09 1.22 0.00	60.70 0.54 0.00	72.19 0.71 0.00	88.52 0.26 0.04	69.76 0.42 0.00	57.49 0.96 0.00	48.96 1.38 0.00	41.38 0.69 0.00	37.86 0.30 0.00	32.65 -0.10 0.00
RUSSELL___2 23532	29.17 0.40 0.00	27.18 0.11 0.00	26.99 0.03 0.00	25.93 -0.21 0.00	26.62 -0.05 0.00	27.52 0.16 0.00	31.53 0.25 0.00	32.83 0.74 0.00	34.46 0.64 0.00	36.02 0.74 0.00	39.11 1.32 0.00	41.68 1.25 0.00	44.83 1.56 0.00	48.19 1.81 0.00	50.09 1.22 0.00	60.70 0.54 0.00	72.19 0.71 0.00	88.52 0.26 0.04	69.76 0.42 0.00	57.49 0.96 0.00	48.96 1.38 0.00	41.38 0.69 0.00	37.86 0.30 0.00	32.65 -0.10 0.00
RUSSELL___3 23549	29.17 0.40 0.00	27.18 0.11 0.00	26.99 0.03 0.00	25.93 -0.21 0.00	26.62 -0.05 0.00	27.52 0.16 0.00	31.53 0.25 0.00	32.83 0.74 0.00	34.46 0.64 0.00	36.02 0.74 0.00	39.11 1.32 0.00	41.68 1.25 0.00	44.83 1.56 0.00	48.19 1.81 0.00	50.09 1.22 0.00	60.70 0.54 0.00	72.19 0.71 0.00	88.52 0.26 0.04	69.76 0.42 0.00	57.49 0.96 0.00	48.96 1.38 0.00	41.38 0.69 0.00	37.86 0.30 0.00	32.65 -0.10 0.00
RUSSELL___4 23556	29.17 0.40 0.00	27.18 0.11 0.00	26.99 0.03 0.00	25.93 -0.21 0.00	26.62 -0.05 0.00	27.52 0.16 0.00	31.53 0.25 0.00	32.83 0.74 0.00	34.46 0.64 0.00	36.02 0.74 0.00	39.11 1.32 0.00	41.68 1.25 0.00	44.83 1.56 0.00	48.19 1.81 0.00	50.09 1.22 0.00	60.70 0.54 0.00	72.19 0.71 0.00	88.52 0.26 0.04	69.76 0.42 0.00	57.49 0.96 0.00	48.96 1.38 0.00	41.38 0.69 0.00	37.86 0.30 0.00	32.65 -0.10 0.00
RUSSELL___STATION 23914	29.17 0.40 0.00	27.18 0.11 0.00	26.99 0.03 0.00	25.93 -0.21 0.00	26.62 -0.05 0.00	27.52 0.16 0.00	31.53 0.25 0.00	32.83 0.74 0.00	34.46 0.64 0.00	36.02 0.74 0.00	39.11 1.32 0.00	41.68 1.25 0.00	44.83 1.56 0.00	48.19 1.81 0.00	50.09 1.22 0.00	60.70 0.54 0.00	72.19 0.71 0.00	88.52 0.26 0.04	69.76 0.42 0.00	57.49 0.96 0.00	48.96 1.38 0.00	41.38 0.69 0.00	37.86 0.30 0.00	32.65 -0.10 0.00
S SALMON___HYD 24043	28.62 -0.14 0.00	26.85 -0.22 0.00	26.72 -0.24 0.00	25.80 -0.34 0.00	26.36 -0.32 0.00	27.14 -0.22 0.00	31.15 -0.12 0.00	32.00 -0.10 0.00	33.55 -0.27 0.00	35.03 -0.25 0.00	37.60 -0.19 0.00	40.31 -0.12 0.00	42.88 -0.39 0.00	46.01 -0.37 0.00	48.08 -0.64 0.15	58.16 -1.02 0.97	68.48 -1.22 1.78	78.40 -1.42 8.48	66.82 -0.90 1.62	55.31 -0.51 0.71	47.63 0.05 0.00	40.53 -0.16 0.00	37.45 -0.11 0.00	32.45 -0.30 0.00
S.PERRY__115KV_TB1 80734	30.11 1.35 0.00	27.94 0.87 0.00	27.72 0.75 0.00	26.64 0.50 0.00	27.37 0.69 0.00	28.40 1.04 0.00	32.62 1.35 0.00	33.83 1.73 0.00	35.04 1.22 0.00	36.47 1.20 0.00	38.20 0.42 0.00	40.87 0.44 0.00	43.88 0.61 0.00	47.26 0.88 0.00	49.02 0.15 0.00	59.49 -0.66 0.00	71.12 -0.36 0.00	87.38 -0.88 0.03	69.70 0.35 0.00	57.66 1.13 0.00	49.34 1.76 0.00	41.71 1.02 0.00	39.33 1.77 0.00	33.73 0.98 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.85 0.09 0.00	26.77 -0.30 0.00	26.58 -0.38 0.00	25.49 -0.65 0.00	26.25 -0.43 0.00	27.22 -0.14 0.00	31.09 -0.19 0.00	32.39 0.29 0.00	33.92 0.10 0.00	35.52 0.25 0.00	38.80 1.02 0.00	41.24 0.81 0.00	44.35 1.08 0.00	47.96 1.58 0.00	49.32 0.44 -0.01	59.27 -0.90 -0.01	70.92 -0.57 -0.01	86.05 -2.21 0.03	68.53 -0.83 -0.01	56.64 0.11 0.00	48.34 0.76 0.00	40.85 0.16 0.00	37.30 -0.26 0.00	32.13 -0.62 0.00

SAWYER___23_KV_LOAD 55526	28.85 0.09 0.00	26.77 -0.30 0.00	26.58 -0.38 0.00	25.49 -0.65 0.00	26.25 -0.43 0.00	27.22 -0.14 0.00	31.09 -0.19 0.00	32.39 0.29 0.00	33.92 0.10 0.00	35.52 0.25 0.00	38.80 1.02 0.00	41.24 0.81 0.00	44.35 1.08 0.00	47.96 1.58 0.00	49.32 0.44 -0.01	59.27 -0.90 -0.01	70.92 -0.57 -0.01	86.05 -2.21 0.03	68.53 -0.83 -0.01	56.64 0.11 0.00	48.34 0.76 0.00	40.85 0.16 0.00	37.30 -0.26 0.00	32.13 -0.62 0.00
SELKIRK___I 23801	29.45 0.69 0.00	27.77 0.70 0.00	27.64 0.67 0.00	26.69 0.55 0.00	27.24 0.56 0.00	28.10 0.74 0.00	32.00 0.72 0.00	32.74 0.64 0.00	34.49 0.68 0.00	35.80 0.53 0.00	38.24 0.46 0.00	40.90 0.52 0.05	43.91 0.65 0.01	47.31 0.93 0.00	49.86 1.07 0.08	61.00 1.44 0.60	72.17 1.71 1.02	89.56 2.29 1.03	70.79 1.87 0.43	58.05 1.53 0.00	48.91 1.33 0.00	41.67 0.98 0.00	38.46 0.90 0.00	33.63 0.88 0.00
SELKIRK___II 23799	29.31 0.55 0.00	27.61 0.54 0.00	27.45 0.49 0.00	26.51 0.37 0.00	27.05 0.37 0.00	27.93 0.58 0.00	31.81 0.53 0.00	32.58 0.48 0.00	34.39 0.57 0.00	35.77 0.49 0.00	38.24 0.46 0.00	40.90 0.52 0.06	43.91 0.65 0.01	47.36 0.98 0.00	49.99 1.22 0.10	61.06 1.62 0.72	72.11 1.86 1.22	89.44 2.38 1.24	70.71 1.87 0.51	57.88 1.35 0.00	48.72 1.14 0.00	41.51 0.81 0.00	38.31 0.75 0.00	33.50 0.75 0.00
SENECA OSWGO___HYD 24041	28.50 -0.26 0.00	26.77 -0.30 0.00	26.61 -0.35 0.00	25.64 -0.50 0.00	26.20 -0.48 0.00	27.03 -0.33 0.00	31.00 -0.28 0.00	31.91 -0.19 0.00	33.51 -0.30 0.00	34.99 -0.28 0.00	37.56 -0.23 0.00	40.19 -0.24 0.00	43.05 -0.22 0.00	46.20 -0.18 0.00	48.48 -0.34 0.04	59.46 -0.60 0.09	70.73 -0.50 0.25	86.10 -0.80 1.40	68.55 -0.56 0.25	56.25 -0.28 0.00	47.44 -0.14 0.00	40.37 -0.33 0.00	37.26 -0.30 0.00	32.32 -0.43 0.00
SENECA___115KV_TB3 355854	29.31 0.55 0.00	27.15 0.08 0.00	26.99 0.03 0.00	25.88 -0.26 0.00	26.65 -0.03 0.00	27.63 0.27 0.00	31.62 0.34 0.00	32.96 0.87 0.00	34.56 0.74 0.00	36.16 0.88 0.00	39.52 1.74 0.00	42.00 1.58 0.00	45.22 1.95 0.00	48.93 2.55 0.00	50.39 1.51 -0.01	60.46 0.30 -0.01	72.41 0.93 -0.01	87.47 -0.79 0.03	69.98 0.62 -0.01	57.77 1.24 0.00	49.20 1.62 0.00	41.55 0.85 0.00	37.97 0.41 0.00	32.68 -0.07 0.00
SENECA___ENERGY 23797	29.05 0.29 0.00	27.23 0.16 0.00	27.04 0.08 0.00	25.96 -0.18 0.00	26.57 -0.11 0.00	27.50 0.14 0.00	31.62 0.34 0.00	32.77 0.68 0.00	34.33 0.51 0.00	35.91 0.64 0.00	38.61 0.83 0.00	41.32 0.89 0.00	44.31 1.04 0.00	47.54 1.16 0.00	49.67 0.83 0.03	60.71 0.60 0.05	72.48 1.14 0.14	89.21 1.06 0.14	70.46 1.25 0.14	57.88 1.35 0.00	48.81 1.23 0.00	41.43 0.73 0.00	38.01 0.45 0.00	32.95 0.20 0.00
SHOEMAKER___GT 23640	30.14 1.38 0.00	28.29 1.22 0.00	28.01 1.05 0.00	27.00 0.86 0.00	27.53 0.85 0.00	28.48 1.12 0.00	32.47 1.19 0.00	33.38 1.29 0.00	35.24 1.42 0.00	36.72 1.45 0.00	39.26 1.47 0.00	42.23 1.74 -0.07	45.27 1.99 -0.01	49.03 2.64 0.00	51.97 2.98 -0.12	65.09 4.03 -0.90	77.94 4.93 -1.53	95.93 6.09 -1.55	74.71 4.72 -0.64	60.09 3.56 0.00	50.34 2.76 0.00	42.73 2.03 0.00	39.44 1.88 0.00	34.52 1.77 0.00
SHOEMAKR_138KV_BK 111 55601	30.14 1.38 0.00	28.21 1.14 0.00	27.93 0.97 0.00	27.00 0.86 0.00	27.53 0.85 0.00	28.48 1.12 0.00	32.47 1.19 0.00	33.38 1.28 0.00	35.24 1.42 0.00	36.76 1.48 0.00	39.33 1.55 0.00	42.15 1.66 -0.07	45.17 1.90 0.00	48.89 2.50 0.00	52.02 3.03 -0.12	65.13 4.09 -0.89	77.92 4.93 -1.51	96.00 6.18 -1.53	74.70 4.72 -0.63	60.14 3.62 0.00	50.29 2.71 0.00	42.60 1.91 0.00	39.44 1.88 0.00	34.52 1.77 0.00
SHOREHAM_IC_1 23715	30.89 2.13 0.00	28.86 1.79 0.00	28.61 1.64 0.00	27.45 1.31 0.00	27.93 1.25 0.00	29.06 1.70 0.00	32.87 1.59 0.00	34.18 2.09 0.00	37.13 2.50 -0.81	38.23 2.54 -0.41	39.52 1.74 0.00	43.30 2.79 -0.09	46.32 3.03 -0.02	53.58 4.22 -2.98	60.58 4.79 -6.92	75.39 7.03 -8.20	96.30 8.79 -16.03	124.44 11.04 -25.11	88.15 8.53 -10.28	69.89 6.50 -6.87	54.99 5.14 -2.28	45.43 3.87 -0.87	40.23 2.67 0.00	36.44 3.11 -0.57
SHOREHAM_IC_2 23716	30.89 2.13 0.00	28.86 1.79 0.00	28.61 1.64 0.00	27.45 1.31 0.00	27.93 1.25 0.00	29.06 1.70 0.00	32.87 1.59 0.00	34.18 2.09 0.00	37.13 2.50 -0.81	38.23 2.54 -0.41	39.52 1.74 0.00	43.30 2.79 -0.09	46.32 3.03 -0.02	53.58 4.22 -2.98	60.58 4.79 -6.92	75.39 7.03 -8.20	96.30 8.79 -16.03	124.44 11.04 -25.11	88.15 8.53 -10.28	69.89 6.50 -6.87	54.99 5.14 -2.28	45.43 3.87 -0.87	40.23 2.67 0.00	36.44 3.11 -0.57
SISSONVILLE____ 23735	27.50 -1.27 0.00	26.12 -0.95 0.00	26.13 -0.84 0.00	25.54 -0.60 0.00	26.04 -0.64 0.00	26.26 -1.09 0.00	30.09 -1.19 0.00	30.68 -1.41 0.00	32.26 -1.56 0.00	33.72 -1.55 0.00	36.05 -1.74 0.00	38.65 -1.78 0.00	41.06 -2.21 0.00	43.23 -3.15 0.00	43.33 -4.10 1.43	44.81 -5.17 10.18	46.96 -6.29 18.23	44.32 -7.42 36.56	46.90 -5.89 16.55	44.09 -4.69 7.74	43.81 -3.76 0.01	38.66 -2.03 0.00	35.53 -2.03 0.00	30.95 -1.80 0.00
SITHE_IND_GS1 24169	28.13 -0.63 0.00	26.45 -0.62 0.00	26.31 -0.65 0.00	25.38 -0.76 0.00	25.93 -0.75 0.00	26.70 -0.66 0.00	30.59 -0.69 0.00	31.49 -0.61 0.00	33.11 -0.71 0.00	34.57 -0.71 0.00	37.07 -0.72 0.00	39.66 -0.77 0.00	42.49 -0.78 0.00	45.59 -0.79 0.00	47.89 -0.98 0.00	58.77 -1.38 0.00	69.90 -1.57 0.00	86.01 -2.03 0.25	67.82 -1.53 0.00	55.40 -1.13 0.00	46.67 -0.91 0.00	39.80 -0.90 0.00	36.70 -0.86 0.00	31.93 -0.82 0.00
SITHE_IND_GS2 24170	28.13 -0.63 0.00	26.45 -0.62 0.00	26.31 -0.65 0.00	25.38 -0.76 0.00	25.93 -0.75 0.00	26.70 -0.66 0.00	30.59 -0.69 0.00	31.49 -0.61 0.00	33.11 -0.71 0.00	34.57 -0.71 0.00	37.07 -0.72 0.00	39.66 -0.77 0.00	42.49 -0.78 0.00	45.59 -0.79 0.00	47.89 -0.98 0.00	58.77 -1.38 0.00	69.90 -1.57 0.00	86.01 -2.03 0.25	67.82 -1.53 0.00	55.40 -1.13 0.00	46.67 -0.91 0.00	39.80 -0.90 0.00	36.70 -0.86 0.00	31.93 -0.82 0.00
SITHE_IND_GS3 24171	28.13 -0.63 0.00	26.45 -0.62 0.00	26.31 -0.65 0.00	25.38 -0.76 0.00	25.93 -0.75 0.00	26.70 -0.66 0.00	30.59 -0.69 0.00	31.49 -0.61 0.00	33.11 -0.71 0.00	34.57 -0.71 0.00	37.07 -0.72 0.00	39.66 -0.77 0.00	42.49 -0.78 0.00	45.59 -0.79 0.00	47.89 -0.98 0.00	58.77 -1.38 0.00	69.90 -1.57 0.00	86.01 -2.03 0.25	67.82 -1.53 0.00	55.40 -1.13 0.00	46.67 -0.91 0.00	39.80 -0.90 0.00	36.70 -0.86 0.00	31.93 -0.82 0.00
SITHE_IND_GS4 24172	28.13 -0.63 0.00	26.45 -0.62 0.00	26.31 -0.65 0.00	25.38 -0.76 0.00	25.93 -0.75 0.00	26.70 -0.66 0.00	30.59 -0.69 0.00	31.49 -0.61 0.00	33.11 -0.71 0.00	34.57 -0.71 0.00	37.07 -0.72 0.00	39.66 -0.77 0.00	42.49 -0.78 0.00	45.59 -0.79 0.00	47.89 -0.98 0.00	58.77 -1.38 0.00	69.90 -1.57 0.00	86.01 -2.03 0.25	67.82 -1.53 0.00	55.40 -1.13 0.00	46.67 -0.91 0.00	39.80 -0.90 0.00	36.70 -0.86 0.00	31.93 -0.82 0.00

SITHE___BATAVIA 24024	29.54 0.78 0.00	27.67 0.59 0.00	27.45 0.49 0.00	26.09 -0.05 0.00	26.84 0.16 0.00	27.82 0.46 0.00	31.90 0.63 0.00	33.25 1.15 0.00	34.76 0.95 0.00	36.33 1.06 0.00	39.60 1.81 0.00	42.16 1.74 0.00	45.61 2.33 0.00	48.61 2.23 0.00	50.24 1.37 0.00	60.40 0.24 0.00	72.05 0.57 0.00	87.82 -0.44 0.04	69.84 0.49 0.00	57.83 1.30 0.00	49.24 1.66 0.00	41.75 1.06 0.00	38.05 0.49 0.00	32.78 0.03 0.00
SITHE___INDEPEND 23800	28.13 -0.63 0.00	26.39 -0.68 0.00	26.26 -0.70 0.00	25.38 -0.76 0.00	25.93 -0.75 0.00	26.70 -0.66 0.00	30.56 -0.72 0.00	31.49 -0.61 0.00	33.11 -0.71 0.00	34.53 -0.74 0.00	37.07 -0.72 0.00	39.62 -0.81 0.00	42.40 -0.87 0.00	45.55 -0.83 0.00	47.89 -0.98 0.00	58.77 -1.38 0.00	69.91 -1.57 0.00	86.01 -2.03 0.25	67.82 -1.53 0.00	55.40 -1.13 0.00	46.72 -0.86 0.00	39.76 -0.94 0.00	36.70 -0.86 0.00	31.93 -0.82 0.00
SITHE___MASSENA 23902	28.13 -0.63 0.00	26.58 -0.49 0.00	26.61 -0.35 0.00	26.06 -0.08 0.00	26.57 -0.11 0.00	26.89 -0.47 0.00	30.81 -0.47 0.00	31.42 -0.68 0.00	33.07 -0.74 0.00	34.57 -0.71 0.00	37.03 -0.76 0.00	39.46 -0.97 0.00	41.93 -1.34 0.00	44.02 -2.36 0.00	44.38 -2.44 2.05	44.20 -3.01 12.95	43.92 -3.72 23.84	44.42 -4.50 39.38	43.95 -3.61 21.79	44.31 -2.82 9.39	45.24 -2.33 0.01	39.47 -1.22 0.00	36.51 -1.05 0.00	31.83 -0.92 0.00
SITHE___OGDNSBRG 24021	28.27 -0.49 0.00	26.85 -0.22 0.00	26.85 -0.11 0.00	26.27 0.13 0.00	26.76 0.08 0.00	27.03 -0.33 0.00	31.03 -0.25 0.00	31.58 -0.51 0.00	33.14 -0.68 0.00	34.60 -0.67 0.00	36.95 -0.83 0.00	39.54 -0.89 0.00	42.10 -1.17 0.00	44.39 -1.99 0.00	44.36 -2.83 1.68	45.27 -3.61 11.27	46.60 -4.43 20.44	45.61 -5.03 37.65	46.87 -3.88 18.60	45.19 -2.94 8.39	45.19 -2.38 0.01	39.76 -0.94 0.00	36.51 -1.05 0.00	31.80 -0.95 0.00
SITHE___STERLING 23777	29.80 1.03 0.00	27.96 0.89 0.00	27.77 0.81 0.00	26.85 0.71 0.00	27.40 0.72 0.00	28.29 0.93 0.00	32.50 1.22 0.00	33.44 1.35 0.00	35.10 1.28 0.00	36.72 1.45 0.00	39.26 1.47 0.00	42.00 1.58 0.00	45.00 1.73 0.00	48.33 1.95 0.00	50.65 1.86 0.08	62.17 2.16 0.15	73.70 2.65 0.42	94.78 3.35 -3.13	71.71 2.78 0.42	58.96 2.43 0.00	49.67 2.09 0.00	42.15 1.46 0.00	38.84 1.28 0.00	33.70 0.95 0.00
SLEIGHT__34_KV_TB1 80719	28.88 0.12 0.00	26.96 -0.11 0.00	26.77 -0.19 0.00	25.78 -0.37 0.00	26.41 -0.27 0.00	27.33 -0.03 0.00	31.37 0.09 0.00	32.61 0.51 0.00	34.19 0.37 0.00	35.73 0.46 0.00	38.65 0.87 0.00	41.28 0.85 0.00	44.27 1.00 0.00	47.59 1.21 0.00	49.60 0.73 0.00	60.45 0.30 0.00	71.98 0.50 0.00	88.53 0.26 0.03	69.69 0.35 0.00	57.15 0.62 0.00	48.48 0.90 0.00	41.06 0.37 0.00	37.64 0.08 0.00	32.49 -0.26 0.00
SOUTH CAIRO___GT 23612	30.03 1.27 0.00	28.23 1.16 0.00	28.07 1.11 0.00	27.16 1.02 0.00	27.72 1.04 0.00	28.62 1.26 0.00	32.53 1.25 0.00	33.09 0.99 0.00	34.80 0.98 0.00	35.98 0.71 0.00	38.35 0.57 0.00	41.04 0.65 0.03	44.31 1.04 0.00	47.73 1.35 0.00	51.11 2.30 0.06	62.69 2.95 0.41	74.57 3.79 0.70	92.70 5.12 0.71	73.42 4.37 0.29	59.64 3.11 0.00	50.34 2.76 0.00	42.52 1.83 0.00	39.29 1.73 0.00	34.22 1.47 0.00
SOUTH HAMPTN___IC 23720	31.35 2.59 0.00	29.26 2.19 0.00	29.01 2.05 0.00	27.84 1.70 0.00	28.33 1.65 0.00	29.47 2.11 0.00	33.31 2.03 0.00	34.63 2.54 0.00	37.68 3.04 -0.81	38.89 3.21 -0.41	40.39 2.61 0.00	44.31 3.80 -0.09	47.27 3.98 -0.02	54.61 5.29 -2.94	61.56 5.86 -6.83	76.78 8.42 -8.20	97.88 10.51 -15.90	122.32 13.24 -20.79	89.97 10.47 -10.15	71.59 8.19 -6.87	56.37 6.52 -2.27	46.60 5.04 -0.87	41.09 3.53 0.00	37.12 3.80 -0.57
SOUTHDOW_115KV_TB1 355954	30.06 1.29 0.00	27.83 0.76 0.00	27.64 0.67 0.00	26.51 0.37 0.00	27.37 0.69 0.00	28.45 1.09 0.00	32.75 1.47 0.00	34.44 2.34 0.00	36.12 2.30 0.00	37.85 2.58 0.00	41.41 3.63 0.00	43.86 3.44 0.00	47.25 3.98 0.00	51.25 4.87 0.00	52.83 3.96 -0.01	63.41 3.25 -0.01	75.92 4.43 -0.01	91.09 2.83 0.03	73.38 4.02 -0.01	60.43 3.90 0.00	51.34 3.76 0.00	43.34 2.64 0.00	39.70 2.14 0.00	34.09 1.34 0.00
SOUTHOLD_69_KV_BK 2 55809	31.75 2.99 0.00	29.51 2.44 0.00	29.20 2.24 0.00	28.26 2.12 0.00	28.71 2.03 0.00	29.77 2.41 0.00	33.72 2.44 0.00	34.89 2.79 0.00	38.08 3.45 -0.81	39.49 3.81 -0.41	41.90 4.12 0.00	45.00 4.49 -0.09	47.00 3.72 0.00	54.33 5.01 -2.94	61.46 5.77 -6.83	76.84 8.48 -8.20	98.03 10.65 -15.90	123.21 14.04 -20.87	92.05 12.55 -10.15	73.46 10.06 -6.87	57.94 8.09 -2.27	47.74 6.19 -0.87	41.95 4.39 0.00	37.81 4.49 -0.57
SOUTHOLD___IC 23719	31.75 2.99 0.00	29.61 2.54 0.00	29.36 2.40 0.00	28.18 2.04 0.00	28.65 1.97 0.00	29.77 2.41 0.00	33.59 2.31 0.00	34.89 2.79 0.00	38.08 3.45 -0.81	39.35 3.67 -0.41	41.03 3.25 0.00	45.08 4.57 -0.09	47.14 3.85 -0.02	54.56 5.24 -2.94	61.46 5.76 -6.83	76.84 8.48 -8.20	98.03 10.65 -15.90	123.21 14.04 -20.87	91.98 12.48 -10.15	73.40 10.01 -6.87	57.99 8.13 -2.27	47.86 6.31 -0.87	41.95 4.39 0.00	37.81 4.49 -0.57
SOUTH_FORK_WT_PWR 323839	31.67 2.90 0.00	29.53 2.46 0.00	29.28 2.32 0.00	28.08 1.93 0.00	28.54 1.87 0.00	29.63 2.27 0.00	33.41 2.13 0.00	34.67 2.57 0.00	37.88 3.25 -0.81	39.14 3.46 -0.41	40.81 3.02 0.00	44.88 4.37 -0.09	47.35 4.07 -0.02	54.75 5.42 -2.94	61.71 6.01 -6.83	77.20 8.85 -8.20	98.52 11.15 -15.90	123.42 14.30 -20.83	91.77 12.28 -10.15	73.35 9.95 -6.87	58.04 8.19 -2.27	47.90 6.35 -0.87	41.92 4.35 0.00	37.74 4.42 -0.57
SPIERFLS_115KV_TB 1 80737	31.18 2.42 0.00	29.29 2.22 0.00	28.96 2.00 0.00	28.13 1.99 0.00	28.71 2.03 0.00	29.71 2.35 0.00	34.03 2.75 0.00	34.89 2.79 0.00	36.73 2.91 0.00	38.20 2.93 0.00	40.54 2.76 0.00	43.41 3.07 0.09	46.86 3.59 0.00	50.28 3.90 0.00	52.91 4.20 0.16	64.28 5.29 1.16	75.50 6.00 1.98	93.79 7.50 2.00	75.24 6.73 0.83	61.95 5.43 0.00	52.24 4.66 0.00	44.39 3.70 0.00	40.72 3.16 0.00	35.44 2.69 0.00
ST LAWRENCE____ 23600	28.02 -0.75 0.00	26.42 -0.65 0.00	26.45 -0.51 0.00	25.88 -0.26 0.00	26.39 -0.29 0.00	26.76 -0.60 0.00	30.62 -0.66 0.00	31.33 -0.77 0.00	32.97 -0.84 0.00	34.46 -0.81 0.00	36.92 -0.87 0.00	39.38 -1.05 0.00	41.93 -1.34 0.00	44.44 -1.95 0.00	46.89 -2.01 -0.02	48.47 -2.41 9.28	55.66 -2.93 12.89	56.31 -3.53 28.44	55.69 -2.85 10.81	44.36 -2.32 9.84	45.67 -1.90 0.01	39.47 -1.22 0.00	36.55 -1.01 0.00	31.87 -0.88 0.00
STATE_CA_115KV_115_LB 55624	29.34 0.58 0.00	27.58 0.51 0.00	27.39 0.43 0.00	26.51 0.37 0.00	27.02 0.35 0.00	27.93 0.57 0.00	31.84 0.56 0.00	32.61 0.51 0.00	34.49 0.68 0.00	35.87 0.60 0.00	38.31 0.53 0.00	40.95 0.61 0.08	44.05 0.78 0.00	47.50 1.11 0.00	50.14 1.42 0.14	60.98 1.86 1.04	71.86 2.14 1.76	89.24 2.74 1.79	70.69 2.08 0.74	58.05 1.53 0.00	48.82 1.24 0.00	41.51 0.81 0.00	38.35 0.79 0.00	33.54 0.79 0.00

STATE_ST_34_KV_LOAD 55959	29.17 0.40 0.00	27.29 0.22 0.00	27.10 0.13 0.00	26.14 0.00 0.00	26.70 0.03 0.00	27.60 0.25 0.00	31.69 0.41 0.00	32.77 0.67 0.00	34.39 0.57 0.00	35.91 0.63 0.00	38.58 0.79 0.00	41.32 0.89 0.00	44.18 0.91 0.00	47.50 1.11 0.00	49.77 0.93 0.03	60.94 0.84 0.05	72.83 1.50 0.15	89.83 1.68 0.14	70.80 1.60 0.14	58.05 1.53 0.00	49.01 1.43 0.00	41.55 0.85 0.00	38.24 0.68 0.00	33.14 0.39 0.00
STATION 5_MISC_HYD 23604	29.02 0.26 0.00	27.23 0.16 0.00	27.04 0.08 0.00	25.83 -0.31 0.00	26.49 -0.19 0.00	27.39 0.03 0.00	31.41 0.13 0.00	32.64 0.55 0.00	34.23 0.41 0.00	35.84 0.56 0.00	38.92 1.13 0.00	41.48 1.05 0.00	44.74 1.47 0.00	47.77 1.39 0.00	49.70 0.83 0.00	60.27 0.12 0.00	71.69 0.22 0.00	88.08 -0.18 0.04	69.35 0.00 0.00	57.21 0.68 0.00	48.53 0.95 0.00	41.14 0.45 0.00	37.60 0.04 0.00	32.45 -0.30 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.25 0.49 0.00	27.26 0.19 0.00	27.07 0.11 0.00	26.06 -0.08 0.00	26.73 0.05 0.00	27.63 0.27 0.00	31.75 0.47 0.00	33.06 0.96 0.00	34.66 0.85 0.00	36.19 0.92 0.00	39.14 1.36 0.00	41.80 1.37 0.00	44.87 1.60 0.00	48.24 1.86 0.00	50.29 1.42 0.00	61.18 1.02 0.00	72.84 1.36 0.00	89.50 1.24 0.03	70.60 1.25 0.00	57.94 1.41 0.00	49.15 1.57 0.00	41.59 0.90 0.00	38.09 0.53 0.00	32.88 0.13 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.85 0.09 0.00	26.88 -0.19 0.00	26.69 -0.27 0.00	25.67 -0.47 0.00	26.36 -0.32 0.00	27.25 -0.11 0.00	31.22 -0.06 0.00	32.48 0.39 0.00	34.09 0.27 0.00	35.63 0.35 0.00	38.65 0.87 0.00	41.24 0.81 0.00	44.31 1.04 0.00	47.64 1.25 0.00	49.50 0.64 0.00	60.15 0.00 0.00	71.55 0.07 0.00	87.81 -0.44 0.04	69.14 -0.21 0.00	56.87 0.34 0.00	48.39 0.81 0.00	40.94 0.24 0.00	37.48 -0.08 0.00	32.32 -0.43 0.00
STA_56___34_KV_BUS2 355983	28.85 0.09 0.00	26.88 -0.19 0.00	26.69 -0.27 0.00	25.67 -0.47 0.00	26.36 -0.32 0.00	27.25 -0.11 0.00	31.22 -0.06 0.00	32.48 0.39 0.00	34.09 0.27 0.00	35.63 0.35 0.00	38.65 0.87 0.00	41.24 0.81 0.00	44.31 1.04 0.00	47.64 1.25 0.00	49.50 0.64 0.00	60.15 0.00 0.00	71.55 0.07 0.00	87.81 -0.44 0.04	69.14 -0.21 0.00	56.87 0.34 0.00	48.39 0.81 0.00	40.94 0.24 0.00	37.48 -0.08 0.00	32.32 -0.43 0.00
STA_67___115KV_BK2 355882	28.94 0.17 0.00	26.96 -0.11 0.00	26.77 -0.19 0.00	25.75 -0.39 0.00	26.44 -0.24 0.00	27.33 -0.03 0.00	31.28 0.00 0.00	32.55 0.45 0.00	34.12 0.30 0.00	35.66 0.39 0.00	38.69 0.91 0.00	41.28 0.85 0.00	44.35 1.08 0.00	47.68 1.30 0.00	49.55 0.68 0.00	60.09 -0.06 0.00	71.48 0.00 0.00	87.81 -0.44 0.04	69.14 -0.21 0.00	56.92 0.40 0.00	48.48 0.90 0.00	41.02 0.33 0.00	37.56 0.00 0.00	32.39 -0.36 0.00
STA_7___115KV_9TRANS 80674	29.17 0.40 0.00	27.18 0.11 0.00	26.99 0.03 0.00	25.93 -0.21 0.00	26.62 -0.05 0.00	27.52 0.16 0.00	31.53 0.25 0.00	32.83 0.74 0.00	34.46 0.64 0.00	36.02 0.74 0.00	39.11 1.32 0.00	41.68 1.25 0.00	44.83 1.56 0.00	48.19 1.81 0.00	50.09 1.22 0.00	60.70 0.54 0.00	72.19 0.71 0.00	88.52 0.26 0.04	69.76 0.42 0.00	57.49 0.96 0.00	48.96 1.38 0.00	41.38 0.69 0.00	37.86 0.30 0.00	32.65 -0.10 0.00
STA_82___115KV_TB1 80780	28.94 0.17 0.00	26.96 -0.11 0.00	26.80 -0.16 0.00	25.75 -0.39 0.00	26.44 -0.24 0.00	27.33 -0.03 0.00	31.31 0.03 0.00	32.58 0.48 0.00	34.16 0.34 0.00	35.70 0.42 0.00	38.73 0.94 0.00	41.28 0.85 0.00	44.35 1.08 0.00	47.73 1.35 0.00	49.55 0.68 0.00	60.15 0.00 0.00	71.55 0.07 0.00	87.90 -0.35 0.04	69.21 -0.14 0.00	56.98 0.45 0.00	48.48 0.90 0.00	41.02 0.33 0.00	37.56 0.00 0.00	32.39 -0.36 0.00
STEEL___WIND 323596	29.28 0.52 0.00	27.45 0.38 0.00	27.23 0.27 0.00	25.88 -0.26 0.00	26.62 -0.05 0.00	27.60 0.25 0.00	31.66 0.38 0.00	32.93 0.83 0.00	34.53 0.71 0.00	36.23 0.95 0.00	39.52 1.74 0.00	42.09 1.66 0.00	45.56 2.29 0.00	48.75 2.36 0.00	50.29 1.42 -0.01	60.40 0.24 -0.01	72.35 0.86 -0.01	87.29 -0.97 0.03	69.91 0.55 -0.01	57.83 1.30 0.00	49.00 1.43 0.00	41.55 0.86 0.00	37.90 0.34 0.00	32.68 -0.07 0.00
STEPHTWN_115KV_BK_2 55603	29.48 0.72 0.00	27.72 0.65 0.00	27.50 0.54 0.00	26.59 0.44 0.00	27.13 0.45 0.00	28.07 0.71 0.00	32.00 0.72 0.00	32.80 0.71 0.00	34.66 0.85 0.00	36.05 0.78 0.00	38.54 0.76 0.00	41.16 0.81 0.08	44.27 1.00 0.00	47.68 1.30 0.00	50.39 1.66 0.14	61.29 2.17 1.03	72.29 2.57 1.76	89.86 3.36 1.78	71.17 2.57 0.74	58.45 1.92 0.00	49.15 1.57 0.00	41.75 1.06 0.00	38.57 1.01 0.00	33.70 0.95 0.00
STEUBEN_REC_LFGE 323667	29.74 0.98 0.00	27.77 0.70 0.00	27.58 0.62 0.00	26.38 0.24 0.00	26.94 0.27 0.00	27.82 0.47 0.00	32.25 0.97 0.00	34.25 2.15 0.00	36.05 2.23 0.00	37.99 2.72 0.00	41.26 3.48 0.00	43.94 3.52 0.00	47.08 3.81 0.00	50.74 4.36 0.00	52.78 3.91 0.00	63.16 3.01 0.00	75.84 4.36 0.00	93.13 4.86 0.02	75.04 5.69 0.00	62.24 5.71 0.00	52.62 5.04 0.00	44.35 3.66 0.00	40.64 3.08 0.00	34.85 2.10 0.00
STILLWATER___SOLAR 323814	30.66 1.90 0.00	28.88 1.81 0.00	28.61 1.64 0.00	27.63 1.49 0.00	28.22 1.55 0.00	29.19 1.83 0.00	33.34 2.06 0.00	34.15 2.06 0.00	36.05 2.23 0.00	37.46 2.19 0.00	39.97 2.19 0.00	42.75 2.43 0.10	46.07 2.81 0.02	49.58 3.20 0.00	52.11 3.42 0.18	63.18 4.33 1.31	74.25 5.00 2.23	92.48 6.44 2.25	73.75 5.34 0.94	60.88 4.35 0.00	51.24 3.66 0.00	43.62 2.93 0.00	40.04 2.48 0.00	34.94 2.19 0.00
STONY___BROOK 24151	31.29 2.53 0.00	29.21 2.14 0.00	28.93 1.97 0.00	27.79 1.65 0.00	28.28 1.60 0.00	29.44 2.08 0.00	33.34 2.06 0.00	34.67 2.57 0.00	37.61 2.98 -0.81	38.72 3.03 -0.41	40.01 2.23 0.00	43.71 3.19 -0.09	46.88 3.59 -0.02	54.01 4.55 -3.08	61.09 5.08 -7.14	75.70 7.34 -8.21	96.84 9.01 -16.36	145.04 11.21 -45.54	88.40 8.46 -10.59	69.84 6.44 -6.87	54.90 5.04 -2.28	45.59 4.03 -0.87	40.53 2.97 0.00	36.70 3.37 -0.57
STURGEON_POOL_HYD 23609	30.35 1.58 0.00	28.34 1.27 0.00	28.07 1.11 0.00	27.11 0.97 0.00	27.64 0.96 0.00	28.59 1.23 0.00	32.56 1.28 0.00	33.48 1.38 0.00	35.41 1.59 0.00	36.93 1.66 0.00	39.56 1.78 0.00	42.37 1.90 -0.04	45.43 2.16 0.00	49.26 2.88 0.00	52.89 3.96 -0.07	66.00 5.35 -0.49	78.89 6.58 -0.84	97.27 8.12 -0.85	75.87 6.17 -0.35	60.71 4.18 0.00	50.67 3.09 0.00	42.85 2.16 0.00	39.74 2.18 0.00	34.78 2.03 0.00
ST_LAW_115_BK7_LBMP 345037	27.96 -0.81 0.00	26.39 -0.68 0.00	26.42 -0.54 0.00	25.85 -0.29 0.00	26.36 -0.32 0.00	26.70 -0.66 0.00	30.59 -0.69 0.00	31.20 -0.90 0.00	32.91 -0.91 0.00	34.36 -0.92 0.00	36.80 -0.98 0.00	39.25 -1.17 0.00	41.75 -1.52 0.00	44.20 -2.18 0.00	46.70 -2.25 -0.08	48.32 -2.77 9.07	55.64 -3.36 12.48	56.02 -4.06 28.22	55.66 -3.26 10.43	44.19 -2.60 9.74	45.38 -2.19 0.01	39.35 -1.34 0.00	36.40 -1.16 0.00	31.73 -1.02 0.00

ST_LAW_115_BK8_LBMP 345038	27.96 -0.81 0.00	26.39 -0.68 0.00	26.42 -0.54 0.00	25.85 -0.29 0.00	26.36 -0.32 0.00	26.70 -0.66 0.00	30.59 -0.69 0.00	31.20 -0.90 0.00	32.91 -0.91 0.00	34.36 -0.92 0.00	36.80 -0.98 0.00	39.25 -1.17 0.00	41.75 -1.52 0.00	44.20 -2.18 0.00	46.70 -2.25 -0.08	48.32 -2.77 9.07	55.64 -3.36 12.48	56.02 -4.06 28.22	55.66 -3.26 10.43	44.19 -2.60 9.74	45.38 -2.19 0.01	39.35 -1.34 0.00	36.40 -1.16 0.00	31.73 -1.02 0.00
ST_LAW_230_BK5_LBMP 345035	28.02 -0.75 0.00	26.42 -0.65 0.00	26.45 -0.51 0.00	25.88 -0.26 0.00	26.39 -0.29 0.00	26.76 -0.60 0.00	30.62 -0.66 0.00	31.33 -0.77 0.00	32.97 -0.84 0.00	34.46 -0.81 0.00	36.92 -0.87 0.00	39.38 -1.05 0.00	41.93 -1.34 0.00	44.44 -1.95 0.00	46.83 -2.01 0.03	48.18 -2.41 9.56	55.07 -2.93 13.47	56.04 -3.53 28.72	55.15 -2.85 11.35	44.27 -2.32 9.94	45.67 -1.90 0.01	39.47 -1.22 0.00	36.55 -1.01 0.00	31.87 -0.88 0.00
ST_LAW_230_BK6_LBMP 345036	28.02 -0.75 0.00	26.42 -0.65 0.00	26.45 -0.51 0.00	25.88 -0.26 0.00	26.39 -0.29 0.00	26.76 -0.60 0.00	30.62 -0.66 0.00	31.33 -0.77 0.00	32.97 -0.84 0.00	34.46 -0.81 0.00	36.92 -0.87 0.00	39.38 -1.05 0.00	41.93 -1.34 0.00	44.44 -1.95 0.00	46.83 -2.01 0.03	48.18 -2.41 9.56	55.07 -2.93 13.47	56.04 -3.53 28.72	55.15 -2.85 11.35	44.27 -2.32 9.94	45.67 -1.90 0.01	39.47 -1.22 0.00	36.55 -1.01 0.00	31.87 -0.88 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.32 1.55 0.00	28.34 1.27 0.00	28.04 1.08 0.00	27.08 0.94 0.00	27.61 0.93 0.00	28.59 1.23 0.00	32.62 1.35 0.00	33.54 1.44 0.00	35.44 1.62 0.00	37.00 1.73 0.00	39.60 1.81 0.00	42.48 1.98 -0.07	45.48 2.21 0.00	49.26 2.88 0.00	52.51 3.52 -0.13	65.85 4.75 -0.94	78.87 5.79 -1.61	97.16 7.24 -1.63	75.50 5.48 -0.68	60.65 4.13 0.00	50.62 3.05 0.00	42.89 2.20 0.00	39.70 2.14 0.00	34.75 2.00 0.00
SWANROAD_115KV_TB1 355699	28.30 -0.46 0.00	26.26 -0.81 0.00	26.10 -0.86 0.00	25.02 -1.12 0.00	25.77 -0.91 0.00	26.70 -0.66 0.00	30.50 -0.78 0.00	31.68 -0.42 0.00	33.18 -0.64 0.00	34.71 -0.56 0.00	37.90 0.11 0.00	40.23 -0.20 0.00	43.31 0.04 0.00	46.75 0.37 0.00	47.99 -0.88 0.00	57.57 -2.59 0.00	68.91 -2.57 0.00	83.84 -4.41 0.03	66.58 -2.77 0.00	55.17 -1.36 0.00	47.20 -0.38 0.00	39.92 -0.77 0.00	36.47 -1.09 0.00	31.44 -1.31 0.00
SYNERGY___BIOGAS 323694	29.54 0.78 0.00	27.67 0.59 0.00	27.45 0.49 0.00	26.09 -0.05 0.00	26.84 0.16 0.00	27.82 0.46 0.00	31.90 0.63 0.00	33.25 1.15 0.00	34.76 0.95 0.00	36.33 1.06 0.00	39.60 1.81 0.00	42.16 1.74 0.00	45.61 2.33 0.00	48.61 2.23 0.00	50.24 1.37 0.00	60.40 0.24 0.00	72.05 0.57 0.00	87.82 -0.44 0.04	69.84 0.49 0.00	57.83 1.30 0.00	49.24 1.66 0.00	41.75 1.06 0.00	38.05 0.49 0.00	32.78 0.03 0.00
SYRACUSE___ENERGY_ST1 323597	28.96 0.20 0.00	27.12 0.05 0.00	26.96 0.00 0.00	26.04 -0.10 0.00	26.60 -0.08 0.00	27.44 0.08 0.00	31.47 0.19 0.00	32.48 0.39 0.00	34.09 0.27 0.00	35.59 0.32 0.00	38.20 0.42 0.00	40.87 0.44 0.00	43.49 0.22 0.00	46.71 0.32 0.00	49.03 0.20 0.03	60.09 0.00 0.06	71.66 0.36 0.18	88.39 0.26 0.17	69.45 0.28 0.18	56.92 0.40 0.00	48.01 0.43 0.00	40.81 0.12 0.00	37.86 0.30 0.00	32.85 0.10 0.00
SYRACUSE___ENERGY_ST2 323598	28.96 0.20 0.00	27.12 0.05 0.00	26.96 0.00 0.00	26.04 -0.10 0.00	26.60 -0.08 0.00	27.44 0.08 0.00	31.47 0.19 0.00	32.48 0.39 0.00	34.09 0.27 0.00	35.59 0.32 0.00	38.20 0.42 0.00	40.87 0.44 0.00	43.49 0.22 0.00	46.71 0.32 0.00	49.03 0.20 0.03	60.09 0.00 0.06	71.66 0.36 0.18	88.39 0.26 0.17	69.45 0.28 0.18	56.92 0.40 0.00	48.01 0.43 0.00	40.81 0.12 0.00	37.86 0.30 0.00	32.85 0.10 0.00
SYRACUSE___POWER 24017	28.99 0.23 0.00	27.12 0.05 0.00	26.96 0.00 0.00	26.04 -0.10 0.00	26.60 -0.08 0.00	27.47 0.11 0.00	31.50 0.22 0.00	32.51 0.42 0.00	34.16 0.34 0.00	35.70 0.42 0.00	38.31 0.53 0.00	40.99 0.57 0.00	43.79 0.52 0.00	47.13 0.74 0.00	49.47 0.64 0.03	60.69 0.60 0.07	72.01 0.71 0.18	88.81 0.71 0.19	69.79 0.62 0.18	57.20 0.68 0.00	48.20 0.62 0.00	40.94 0.24 0.00	37.79 0.23 0.00	32.82 0.07 0.00
TALLMAN___138KV_BK151 55660	30.52 1.75 0.00	28.51 1.43 0.00	28.17 1.21 0.00	27.21 1.07 0.00	27.72 1.04 0.00	28.73 1.37 0.00	32.78 1.50 0.00	33.77 1.67 0.00	35.68 1.86 0.00	37.25 1.98 0.00	39.90 2.12 0.00	42.81 2.30 -0.08	45.82 2.55 0.00	49.72 3.34 0.00	53.01 4.01 -0.14	66.58 5.41 -1.02	79.78 6.58 -1.73	98.25 8.21 -1.75	76.32 6.24 -0.73	61.16 4.64 0.00	51.00 3.43 0.00	43.17 2.48 0.00	39.96 2.40 0.00	35.01 2.26 0.00
TEALLAVE_115KV_TB7 355573	28.88 0.12 0.00	27.04 -0.03 0.00	26.88 -0.08 0.00	25.96 -0.18 0.00	26.52 -0.16 0.00	27.36 0.00 0.00	31.40 0.13 0.00	32.42 0.32 0.00	34.06 0.24 0.00	35.59 0.32 0.00	38.16 0.38 0.00	40.83 0.40 0.00	43.70 0.43 0.00	46.99 0.60 0.00	49.32 0.49 0.04	60.44 0.36 0.07	71.77 0.50 0.21	88.43 0.35 0.21	69.49 0.35 0.21	56.92 0.40 0.00	48.01 0.43 0.00	40.77 0.08 0.00	37.64 0.08 0.00	32.68 -0.07 0.00
TELGRAPH_34_KV_EAST 80808	29.02 0.26 0.00	26.94 -0.14 0.00	26.75 -0.22 0.00	25.64 -0.50 0.00	26.41 -0.27 0.00	27.36 0.00 0.00	31.31 0.03 0.00	32.58 0.48 0.00	34.12 0.30 0.00	35.66 0.39 0.00	38.88 1.10 0.00	41.28 0.85 0.00	44.44 1.17 0.00	47.91 1.53 0.00	49.36 0.49 0.00	59.25 -0.90 0.00	70.77 -0.71 0.00	86.14 -2.12 0.04	68.45 -0.90 0.00	56.58 0.06 0.00	48.44 0.86 0.00	40.94 0.24 0.00	37.41 -0.15 0.00	32.23 -0.52 0.00
TEMPLE___115KV_TB 2 55572	28.91 0.14 0.00	27.07 0.00 0.00	26.91 -0.05 0.00	25.98 -0.16 0.00	26.54 -0.13 0.00	27.39 0.03 0.00	31.44 0.16 0.00	32.45 0.35 0.00	34.09 0.27 0.00	35.63 0.35 0.00	38.24 0.45 0.00	40.91 0.49 0.00	43.75 0.48 0.00	47.08 0.70 0.00	49.42 0.59 0.04	60.56 0.48 0.07	71.84 0.57 0.20	88.53 0.44 0.21	69.56 0.42 0.20	56.98 0.45 0.00	48.05 0.48 0.00	40.81 0.12 0.00	37.64 0.08 0.00	32.72 -0.03 0.00
TIANA____69_KV_BK 1 55817	31.29 2.53 0.00	29.10 2.03 0.00	28.79 1.83 0.00	27.87 1.73 0.00	28.33 1.65 0.00	29.41 2.05 0.00	33.38 2.10 0.00	34.57 2.47 0.00	37.61 2.98 -0.81	38.93 3.25 -0.41	41.11 3.32 0.00	43.99 3.48 -0.09	46.95 3.68 0.00	54.24 4.92 -2.94	61.42 5.72 -6.83	76.60 8.24 -8.20	97.60 10.22 -15.90	122.04 12.89 -20.86	89.62 10.12 -10.15	71.25 7.86 -6.87	56.04 6.19 -2.27	46.24 4.68 -0.87	40.90 3.34 0.00	36.99 3.67 -0.57
TILDEN___115KV_TB1 80814	28.99 0.23 0.00	27.12 0.05 0.00	26.96 0.00 0.00	26.04 -0.10 0.00	26.60 -0.08 0.00	27.47 0.11 0.00	31.50 0.22 0.00	32.51 0.42 0.00	34.16 0.34 0.00	35.70 0.42 0.00	38.31 0.53 0.00	40.99 0.57 0.00	43.79 0.52 0.00	47.13 0.74 0.00	49.47 0.64 0.03	60.69 0.60 0.07	72.01 0.71 0.18	88.81 0.71 0.19	69.79 0.62 0.18	57.20 0.68 0.00	48.20 0.62 0.00	40.94 0.24 0.00	37.79 0.23 0.00	32.82 0.07 0.00

TRIGEN___CC 323695	31.12 2.36 0.00	28.99 1.92 0.00	28.66 1.70 0.00	27.71 1.57 0.00	28.23 1.55 0.00	29.27 1.92 0.00	33.34 2.06 0.00	34.50 2.41 0.00	37.37 2.74 -0.81	38.58 2.89 -0.41	40.73 2.95 0.00	43.63 3.11 -0.09	46.56 3.29 0.00	64.85 4.27 -14.20	86.26 4.98 -32.41	75.24 6.80 -8.29	132.80 8.22 -53.10	101.35 10.24 -2.81	122.94 7.70 -45.90	69.32 5.94 -6.86	54.36 4.52 -2.26	45.18 3.50 -0.99	40.60 3.04 0.00	36.37 3.05 -0.57
TRINITY___115KV___4 BK 55933	29.19 0.43 0.00	27.45 0.38 0.00	27.28 0.32 0.00	26.38 0.24 0.00	26.92 0.24 0.00	27.80 0.44 0.00	31.69 0.41 0.00	32.45 0.35 0.00	34.29 0.47 0.00	35.66 0.39 0.00	38.09 0.30 0.00	40.71 0.36 0.08	43.75 0.48 0.00	47.17 0.79 0.00	49.80 1.08 0.14	60.63 1.50 1.02	71.38 1.64 1.74	88.74 2.21 1.76	70.28 1.66 0.73	57.71 1.19 0.00	48.53 0.95 0.00	41.26 0.57 0.00	38.16 0.60 0.00	33.37 0.62 0.00
UNION___PROCESSING_DRP 323587	28.96 0.20 0.00	26.99 -0.08 0.00	26.80 -0.16 0.00	25.75 -0.39 0.00	26.44 -0.24 0.00	27.33 -0.03 0.00	31.31 0.03 0.00	32.58 0.48 0.00	34.16 0.34 0.00	35.70 0.42 0.00	38.73 0.94 0.00	41.28 0.85 0.00	44.35 1.08 0.00	47.73 1.35 0.00	49.55 0.68 0.00	60.15 0.00 0.00	71.55 0.07 0.00	87.90 -0.35 0.04	69.21 -0.14 0.00	56.98 0.45 0.00	48.48 0.90 0.00	41.06 0.37 0.00	37.56 0.00 0.00	32.39 -0.36 0.00
UPPER HUDSON___HYD 24058	31.18 2.42 0.00	29.34 2.27 0.00	29.01 2.05 0.00	28.13 1.99 0.00	28.70 2.03 0.00	29.71 2.35 0.00	34.03 2.75 0.00	34.89 2.79 0.00	36.73 2.91 0.00	38.20 2.93 0.00	40.58 2.80 0.00	43.49 3.16 0.09	46.93 3.68 0.01	50.37 3.99 0.00	52.91 4.20 0.16	64.29 5.29 1.16	75.50 6.00 1.98	93.79 7.50 2.00	75.24 6.72 0.83	61.95 5.43 0.00	52.24 4.67 0.00	44.43 3.74 0.00	40.72 3.16 0.00	35.44 2.69 0.00
UPPER RAQUET___HYD 24056	27.50 -1.26 0.00	25.99 -1.08 0.00	26.02 -0.94 0.00	25.54 -0.60 0.00	26.04 -0.64 0.00	26.26 -1.10 0.00	30.09 -1.19 0.00	30.68 -1.41 0.00	32.26 -1.56 0.00	33.72 -1.55 0.00	36.05 -1.74 0.00	38.37 -2.06 0.00	40.55 -2.72 0.00	42.44 -3.94 0.00	43.33 -4.10 1.43	44.87 -5.11 10.18	46.96 -6.29 18.23	44.32 -7.42 36.56	46.90 -5.89 16.55	44.09 -4.69 7.74	43.86 -3.71 0.01	38.33 -2.36 0.00	35.53 -2.03 0.00	30.95 -1.80 0.00
VALLEY44_115KV_TB2 355964	29.65 0.89 0.00	27.42 0.35 0.00	27.20 0.24 0.00	26.09 -0.05 0.00	26.84 0.16 0.00	27.85 0.49 0.00	32.06 0.78 0.00	33.41 1.32 0.00	34.93 1.12 0.00	36.58 1.31 0.00	39.86 2.08 0.00	42.21 1.78 0.00	45.43 2.16 0.00	49.26 2.88 0.00	50.98 2.10 -0.01	61.36 1.20 -0.01	73.77 2.29 -0.01	88.00 -0.26 0.03	71.43 2.08 -0.01	58.84 2.32 0.00	49.82 2.24 0.00	41.99 1.30 0.00	38.57 1.01 0.00	33.24 0.49 0.00
VALLEY___115KV_TB 1-4 80826	28.82 0.06 0.00	27.04 -0.03 0.00	26.91 -0.05 0.00	26.04 -0.10 0.00	26.57 -0.11 0.00	27.36 0.00 0.00	31.28 0.00 0.00	32.13 0.03 0.00	33.82 0.00 0.00	35.31 0.04 0.00	37.82 0.04 0.00	40.43 0.00 0.00	43.27 0.00 0.00	46.48 0.09 0.00	48.99 0.15 0.02	60.75 0.18 -0.42	72.07 0.07 -0.52	91.51 0.26 -2.95	69.97 0.21 -0.42	57.12 0.11 -0.48	47.77 0.19 0.00	40.65 -0.04 0.00	37.52 -0.04 0.00	32.72 -0.03 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.40 1.64 0.00	28.48 1.41 0.00	28.34 1.38 0.00	27.42 1.28 0.00	27.99 1.31 0.00	28.92 1.56 0.00	33.09 1.81 0.00	36.33 4.24 0.00	37.91 4.09 0.00	39.93 4.66 0.00	42.73 4.95 0.00	45.52 5.09 0.00	48.77 5.50 0.00	52.55 6.17 0.00	54.88 6.01 0.00	67.13 6.98 0.00	79.91 8.43 0.00	97.46 9.18 0.01	77.05 7.70 0.00	60.20 3.67 0.00	50.62 3.05 0.00	42.85 2.16 0.00	39.55 1.99 0.00	34.45 1.70 0.00
VISCHER___FERRY HYD 24020	29.94 1.18 0.00	28.21 1.14 0.00	27.99 1.02 0.00	27.00 0.86 0.00	27.59 0.91 0.00	28.51 1.15 0.00	32.50 1.22 0.00	33.32 1.22 0.00	35.17 1.35 0.00	36.51 1.23 0.00	38.99 1.21 0.00	41.60 1.29 0.12	44.77 1.51 0.02	48.29 1.90 0.00	50.76 2.10 0.20	61.42 2.77 1.50	72.21 3.29 2.55	89.86 4.15 2.59	71.60 3.33 1.07	59.13 2.60 0.00	49.77 2.19 0.00	42.40 1.71 0.00	39.06 1.50 0.00	34.19 1.44 0.00
V_A_10_SYNC_DSASP 323832	28.45 -0.32 0.00	26.72 -0.35 0.00	26.53 -0.43 0.00	25.25 -0.89 0.00	25.96 -0.72 0.00	26.87 -0.49 0.00	30.78 -0.50 0.00	31.94 -0.16 0.00	33.48 -0.34 0.00	35.06 -0.21 0.00	38.20 0.42 0.00	40.67 0.24 0.00	43.92 0.65 0.00	46.80 0.42 0.00	48.47 -0.39 0.00	58.53 -1.62 0.00	69.83 -1.64 0.00	85.69 -2.56 0.04	67.54 -1.80 0.00	55.96 -0.57 0.00	47.48 -0.09 0.00	40.29 -0.41 0.00	36.77 -0.79 0.00	31.73 -1.02 0.00
V_CMM_10_SYNC_DSASP 323787	28.10 -0.66 0.00	26.53 -0.54 0.00	26.56 -0.40 0.00	26.01 -0.13 0.00	26.52 -0.16 0.00	26.87 -0.49 0.00	30.75 -0.53 0.00	31.39 -0.71 0.00	33.07 -0.74 0.00	34.57 -0.71 0.00	36.99 -0.80 0.00	39.50 -0.93 0.00	41.97 -1.30 0.00	44.44 -1.95 0.00	46.94 -2.01 -0.08	48.62 -2.47 9.07	55.93 -3.07 12.48	56.45 -3.62 28.22	56.01 -2.91 10.43	44.42 -2.37 9.74	45.62 -1.95 0.01	39.51 -1.18 0.00	36.55 -1.01 0.00	31.87 -0.88 0.00
V_CMP_10_SYNC_DSASP 323788	28.22 -0.55 0.00	26.77 -0.30 0.00	26.91 -0.05 0.00	26.38 0.23 0.00	26.94 0.27 0.00	27.28 -0.08 0.00	31.41 0.13 0.00	32.23 0.13 0.00	33.95 0.14 0.00	35.59 0.32 0.00	38.31 0.53 0.00	39.30 -1.13 0.00	40.37 -2.90 0.00	42.67 -3.71 0.00	44.96 -3.67 0.24	45.87 -4.63 9.66	51.77 -5.50 14.20	51.75 -6.62 29.92	51.99 -5.20 12.15	42.63 -4.30 9.60	43.95 -3.62 0.01	39.15 -1.55 0.00	37.52 -0.04 0.00	32.62 -0.13 0.00
V_D_10_SYNC_DSASP 323841	28.13 -0.63 0.00	26.58 -0.49 0.00	26.61 -0.35 0.00	26.06 -0.08 0.00	26.57 -0.11 0.00	26.89 -0.47 0.00	30.81 -0.47 0.00	31.45 -0.64 0.00	33.11 -0.71 0.00	34.60 -0.67 0.00	37.03 -0.76 0.00	39.50 -0.93 0.00	41.93 -1.34 0.00	44.07 -2.32 0.00	46.67 -2.39 -0.20	48.61 -3.01 8.54	56.43 -3.64 11.40	56.21 -4.41 27.67	56.39 -3.53 9.42	44.28 -2.82 9.42	45.29 -2.28 0.01	39.47 -1.22 0.00	36.51 -1.05 0.00	31.83 -0.92 0.00
V_E_10_SYNC_DSASP 323830	31.55 2.79 0.00	29.48 2.41 0.00	29.23 2.27 0.00	28.15 2.01 0.00	28.79 2.11 0.00	30.15 2.79 0.00	34.84 3.56 0.00	38.74 6.64 0.00	40.14 6.32 0.00	42.40 7.13 0.00	45.15 7.37 0.00	48.15 7.72 0.00	51.62 8.35 0.00	55.48 9.09 0.00	57.61 8.75 0.00	70.62 10.47 0.00	84.20 12.72 0.00	98.34 10.06 0.01	77.95 8.60 0.00	63.02 6.50 0.00	53.05 5.47 0.00	44.68 3.99 0.00	41.05 3.49 0.00	35.44 2.69 0.00
V_F_30_NSYNC___DSASP 323816	30.75 1.98 0.00	28.96 1.89 0.00	28.66 1.70 0.00	27.71 1.57 0.00	28.31 1.63 0.00	29.27 1.91 0.00	33.44 2.16 0.00	34.25 2.15 0.00	36.15 2.33 0.00	37.57 2.29 0.00	40.09 2.31 0.00	42.92 2.59 0.10	46.24 2.98 0.01	49.73 3.34 0.00	52.26 3.57 0.17	63.39 4.51 1.28	74.59 5.29 2.17	92.80 6.71 2.20	73.98 5.55 0.91	61.05 4.52 0.00	51.39 3.81 0.00	43.70 3.01 0.00	40.15 2.59 0.00	35.01 2.26 0.00

V_F_30_SYNC_DSASP 323786	29.34 0.58 0.00	27.58 0.51 0.00	27.39 0.43 0.00	26.48 0.34 0.00	27.02 0.35 0.00	27.93 0.57 0.00	31.84 0.56 0.00	32.61 0.51 0.00	34.46 0.64 0.00	35.87 0.60 0.00	38.31 0.53 0.00	40.95 0.61 0.08	44.05 0.78 0.00	47.50 1.11 0.00	50.14 1.42 0.14	60.98 1.86 1.04	71.86 2.14 1.76	89.24 2.74 1.79	70.69 2.08 0.74	58.05 1.53 0.00	48.82 1.24 0.00	41.51 0.81 0.00	38.35 0.79 0.00	33.54 0.79 0.00
V_XM_10_SYNC_DSASP 323789	28.22 -0.55 0.00	26.77 -0.30 0.00	26.91 -0.05 0.00	26.38 0.23 0.00	26.94 0.27 0.00	27.28 -0.08 0.00	31.41 0.13 0.00	32.23 0.13 0.00	33.95 0.14 0.00	35.59 0.32 0.00	38.31 0.53 0.00	39.30 -1.13 0.00	40.37 -2.90 0.00	42.67 -3.71 0.00	44.96 -3.67 0.24	45.87 -4.63 9.66	51.77 -5.50 14.20	51.75 -6.62 29.92	51.99 -5.20 12.15	42.63 -4.30 9.60	43.95 -3.62 0.01	39.15 -1.55 0.00	37.52 -0.04 0.00	32.62 -0.13 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.60 1.84 0.00	28.59 1.52 0.00	28.26 1.29 0.00	27.29 1.15 0.00	27.80 1.12 0.00	28.81 1.45 0.00	32.87 1.60 0.00	33.83 1.73 0.00	35.75 1.93 0.00	37.32 2.05 0.00	39.98 2.19 0.00	42.89 2.39 -0.08	45.95 2.68 0.00	49.82 3.43 0.00	53.16 4.15 -0.14	66.78 5.59 -1.03	80.02 6.79 -1.76	98.55 8.48 -1.78	76.47 6.38 -0.74	61.33 4.80 0.00	51.15 3.57 0.00	43.30 2.60 0.00	40.04 2.48 0.00	35.07 2.33 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.86 2.10 0.00	28.78 1.71 0.00	28.39 1.43 0.00	27.42 1.28 0.00	27.93 1.25 0.00	28.97 1.61 0.00	33.12 1.85 0.00	34.21 2.12 0.00	36.29 2.47 0.00	37.92 2.65 0.00	40.66 2.87 0.00	43.59 3.07 -0.09	46.52 3.25 0.00	50.51 4.13 0.00	53.96 4.94 -0.15	67.78 6.50 -1.13	81.26 7.86 -1.92	100.04 9.80 -1.95	77.44 7.28 -0.81	61.95 5.43 0.00	51.62 4.04 0.00	43.74 3.05 0.00	40.60 3.04 0.00	35.53 2.78 0.00
W50THST__13_KV_LOAD 356117	31.01 2.24 0.00	28.88 1.81 0.00	28.50 1.54 0.00	27.53 1.39 0.00	28.04 1.36 0.00	29.08 1.72 0.00	33.28 2.00 0.00	34.41 2.31 0.00	36.52 2.71 0.00	38.20 2.93 0.00	40.96 3.17 0.00	43.91 3.40 -0.09	46.86 3.59 0.00	50.93 4.55 0.00	54.49 5.47 -0.15	68.38 7.10 -1.13	81.98 8.58 -1.92	100.83 10.60 -1.95	78.13 7.98 -0.81	62.35 5.82 0.00	51.96 4.38 0.00	43.99 3.30 0.00	40.79 3.23 0.00	35.70 2.95 0.00
WADING RIVER_IC_1 23522	30.86 2.10 0.00	28.83 1.76 0.00	28.58 1.62 0.00	27.42 1.28 0.00	27.91 1.23 0.00	29.03 1.67 0.00	32.84 1.56 0.00	34.15 2.06 0.00	37.10 2.47 -0.81	38.19 2.50 -0.41	39.52 1.74 0.00	43.30 2.79 -0.09	46.31 3.03 -0.02	53.49 4.18 -2.93	60.36 4.69 -6.80	75.27 6.91 -8.20	95.99 8.65 -15.86	119.58 10.95 -20.34	87.85 8.39 -10.11	69.84 6.44 -6.87	54.89 5.04 -2.27	45.42 3.87 -0.86	40.19 2.63 0.00	36.40 3.08 -0.57
WADING RIVER_IC_2 23547	30.86 2.10 0.00	28.83 1.76 0.00	28.58 1.62 0.00	27.42 1.28 0.00	27.91 1.23 0.00	29.03 1.67 0.00	32.84 1.56 0.00	34.15 2.06 0.00	37.10 2.47 -0.81	38.19 2.50 -0.41	39.52 1.74 0.00	43.30 2.79 -0.09	46.31 3.03 -0.02	53.49 4.18 -2.93	60.36 4.69 -6.80	75.27 6.91 -8.20	95.99 8.65 -15.86	119.58 10.95 -20.34	87.85 8.39 -10.11	69.84 6.44 -6.87	54.89 5.04 -2.27	45.42 3.87 -0.86	40.19 2.63 0.00	36.40 3.08 -0.57
WADING RIVER_IC_3 23601	30.86 2.10 0.00	28.83 1.76 0.00	28.58 1.62 0.00	27.42 1.28 0.00	27.91 1.23 0.00	29.03 1.67 0.00	32.84 1.56 0.00	34.15 2.06 0.00	37.10 2.47 -0.81	38.19 2.50 -0.41	39.52 1.74 0.00	43.30 2.79 -0.09	46.31 3.03 -0.02	53.49 4.18 -2.93	60.36 4.69 -6.80	75.27 6.91 -8.20	95.99 8.65 -15.86	119.58 10.95 -20.34	87.85 8.39 -10.11	69.84 6.44 -6.87	54.89 5.04 -2.27	45.42 3.87 -0.86	40.19 2.63 0.00	36.40 3.08 -0.57
WALDENNY_12_KV_BK2 80841	29.28 0.52 0.00	27.12 0.05 0.00	26.96 0.00 0.00	25.85 -0.29 0.00	26.62 -0.05 0.00	27.60 0.25 0.00	31.59 0.31 0.00	32.96 0.87 0.00	34.53 0.71 0.00	36.16 0.88 0.00	39.52 1.74 0.00	42.00 1.58 0.00	45.22 1.95 0.00	48.93 2.55 0.00	50.39 1.51 -0.01	60.46 0.30 -0.01	72.34 0.86 -0.01	87.38 -0.88 0.03	69.84 0.49 -0.01	57.66 1.13 0.00	49.15 1.57 0.00	41.51 0.81 0.00	37.90 0.34 0.00	32.65 -0.10 0.00
WALDEN__HYDRO 24148	30.46 1.70 0.00	28.48 1.41 0.00	28.17 1.21 0.00	27.24 1.10 0.00	27.75 1.07 0.00	28.73 1.37 0.00	32.75 1.47 0.00	33.67 1.57 0.00	35.58 1.76 0.00	37.11 1.83 0.00	39.75 1.96 0.00	42.60 2.10 -0.07	45.65 2.38 0.00	49.49 3.11 0.00	52.75 3.76 -0.12	66.13 5.11 -0.86	79.23 6.29 -1.46	97.55 7.77 -1.48	75.93 5.96 -0.62	61.05 4.52 0.00	50.96 3.38 0.00	43.09 2.40 0.00	39.89 2.33 0.00	34.91 2.16 0.00
WARRENSBURG____ 23737	31.18 2.42 0.00	29.34 2.27 0.00	29.01 2.05 0.00	28.13 1.99 0.00	28.70 2.03 0.00	29.71 2.35 0.00	34.03 2.75 0.00	34.89 2.79 0.00	36.73 2.91 0.00	38.20 2.93 0.00	40.58 2.80 0.09	43.49 3.16 0.01	46.93 3.68 0.01	50.37 3.99 0.00	52.91 4.20 0.16	64.29 5.29 1.16	75.50 6.00 1.98	93.79 7.50 2.00	75.24 6.72 0.83	61.95 5.43 0.00	52.24 4.67 0.00	44.43 3.74 0.00	40.72 3.16 0.00	35.44 2.69 0.00
WATERSIDE____6 8 9 23538	23.05 2.24 7.96	26.05 1.81 2.83	26.52 1.54 1.98	25.37 1.36 2.13	25.99 1.36 2.05	27.17 1.67 1.85	31.27 1.91 1.92	32.39 2.18 1.89	34.97 2.60 1.45	38.05 2.79 0.01	34.06 3.02 6.75	43.71 3.19 -0.09	46.47 3.20 0.00	48.96 3.99 1.42	58.22 4.54 -4.81	67.35 6.08 -1.12	80.75 7.36 -1.91	99.42 9.18 -1.94	77.80 6.73 -1.73	59.91 5.14 1.76	50.31 3.85 1.12	42.36 3.26 1.59	36.71 3.23 4.08	30.85 2.91 4.81
WATKINRD_115KV_LN8_ILLION 55919	28.85 0.09 0.00	27.10 0.03 0.00	26.96 0.00 0.00	26.09 -0.05 0.00	26.62 -0.05 0.00	27.41 0.05 0.00	31.34 0.06 0.00	32.16 0.06 0.00	33.89 0.07 0.00	35.35 0.07 0.00	37.82 0.04 0.00	40.47 0.04 0.00	43.31 0.04 0.00	46.57 0.19 0.00	49.09 0.24 0.02	60.87 0.30 -0.42	72.28 0.29 -0.52	91.69 0.44 -2.95	70.11 0.35 -0.42	57.29 0.28 -0.48	47.86 0.29 0.00	40.73 0.04 0.00	37.64 0.08 0.00	32.82 0.07 0.00
WATSON__69_KV_BK 1 55734	31.67 2.91 0.00	29.48 2.41 0.00	29.15 2.18 0.00	28.21 2.07 0.00	28.71 2.03 0.00	29.79 2.43 0.00	33.88 2.60 0.00	35.11 3.02 0.00	38.08 3.45 -0.81	39.35 3.67 -0.41	41.45 3.67 0.00	44.36 3.84 -0.09	47.48 4.20 -0.02	55.61 5.33 -3.89	63.83 5.96 -9.00	76.73 8.36 -8.21	100.89 10.36 -19.05	113.64 12.89 -12.45	92.30 9.78 -13.18	70.97 7.57 -6.86	55.84 5.99 -2.27	46.22 4.64 -0.89	41.17 3.61 0.00	37.22 3.90 -0.57
WDELAWARE__HYD 323627	30.66 1.90 0.00	28.72 1.65 0.00	28.42 1.45 0.00	27.42 1.28 0.00	27.93 1.25 0.00	28.89 1.53 0.00	32.94 1.66 0.00	33.83 1.73 0.00	35.71 1.89 0.00	37.25 1.97 0.00	39.86 2.08 0.00	42.86 2.38 -0.05	46.05 2.77 -0.01	49.86 3.48 0.00	52.96 4.01 -0.09	66.22 5.42 -0.65	79.29 6.72 -1.10	97.80 8.39 -1.11	76.33 6.52 -0.46	61.44 4.92 0.00	51.43 3.85 0.00	43.46 2.77 0.00	40.12 2.56 0.00	35.01 2.26 0.00

WEST BABYLON___IC 23714	31.64 2.88 0.00	29.45 2.38 0.00	29.09 2.13 0.00	28.15 2.01 0.00	28.65 1.97 0.00	29.77 2.41 0.00	33.84 2.56 0.00	35.05 2.95 0.00	38.01 3.38 -0.81	39.28 3.60 -0.41	41.30 3.51 0.00	44.19 3.68 -0.09	47.26 3.98 -0.01	57.38 5.06 -5.94	68.23 5.72 -13.64	76.38 8.00 -8.23	107.14 9.86 -25.80	102.87 12.27 -2.31	98.30 9.29 -19.66	70.57 7.18 -6.86	55.51 5.66 -2.27	45.99 4.39 -0.90	41.09 3.53 0.00	37.09 3.77 -0.57
WEST CANADA___HYD 24049	28.97 0.20 0.00	27.23 0.16 0.00	27.10 0.14 0.00	26.22 0.08 0.00	26.76 0.08 0.00	27.55 0.19 0.00	31.47 0.19 0.00	32.29 0.19 0.00	34.06 0.24 0.00	35.49 0.21 0.00	38.01 0.23 0.00	40.67 0.24 0.00	43.58 0.31 0.00	46.85 0.46 0.00	49.33 0.49 0.02	61.17 0.60 -0.42	72.71 0.71 -0.52	92.13 0.88 -2.95	70.46 0.69 -0.42	57.57 0.57 -0.48	48.06 0.48 0.00	40.98 0.29 0.00	37.82 0.26 0.00	32.98 0.23 0.00
WESTERN_NY_WIND 24143	29.48 0.72 0.00	27.34 0.27 0.00	27.15 0.19 0.00	26.04 -0.10 0.00	26.81 0.13 0.00	27.77 0.41 0.00	31.81 0.53 0.00	33.19 1.09 0.00	34.70 0.88 0.00	36.19 0.92 0.00	39.45 1.66 0.00	41.96 1.54 0.00	45.17 1.90 0.00	48.66 2.27 0.00	50.14 1.27 0.00	60.28 0.12 0.00	71.91 0.43 0.00	87.64 -0.62 0.04	69.70 0.35 0.00	57.60 1.07 0.00	49.34 1.76 0.00	41.63 0.94 0.00	38.01 0.45 0.00	32.75 0.00 0.00
WESTOVER___LESR 323668	29.51 0.75 0.00	27.56 0.49 0.00	27.39 0.43 0.00	26.43 0.29 0.00	27.02 0.35 0.00	27.96 0.60 0.00	32.06 0.78 0.00	33.22 1.12 0.00	34.83 1.01 0.00	36.44 1.16 0.00	39.18 1.40 0.00	41.88 1.46 0.00	44.87 1.60 0.00	48.42 2.04 0.00	50.77 1.91 0.00	62.20 2.05 0.00	73.98 2.50 0.01	90.84 2.56 0.00	71.78 2.43 0.00	58.62 2.09 0.00	49.39 1.81 0.00	41.83 1.14 0.00	38.50 0.94 0.00	33.40 0.65 0.00
WETHRSFD_WT_PWR 323626	28.99 0.23 0.00	27.15 0.08 0.00	26.96 0.00 0.00	25.67 -0.47 0.00	26.41 -0.27 0.00	27.39 0.03 0.00	31.47 0.19 0.00	32.70 0.61 0.00	34.29 0.47 0.00	35.98 0.71 0.00	39.14 1.36 0.00	41.68 1.25 0.00	45.04 1.77 0.00	48.29 1.90 0.00	49.95 1.07 0.00	60.28 0.12 0.00	72.13 0.64 -0.01	87.55 -0.71 0.03	69.84 0.49 -0.01	57.72 1.19 0.00	48.86 1.29 0.00	41.43 0.73 0.00	37.82 0.26 0.00	32.68 -0.07 0.00
WHAVSTOR_138KV_BK127 55557	30.46 1.70 0.00	28.48 1.41 0.00	28.15 1.19 0.00	27.19 1.05 0.00	27.69 1.01 0.00	28.70 1.34 0.00	32.72 1.44 0.00	33.70 1.60 0.00	35.61 1.79 0.00	37.18 1.90 0.00	39.79 2.00 0.00	42.69 2.18 -0.08	45.69 2.42 0.00	49.54 3.15 0.00	52.82 3.81 -0.14	66.42 5.23 -1.04	79.53 6.29 -1.76	97.93 7.86 -1.78	76.05 5.96 -0.74	60.99 4.47 0.00	50.86 3.28 0.00	43.05 2.36 0.00	39.85 2.29 0.00	34.94 2.19 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.46 1.70 0.00	28.48 1.41 0.00	28.15 1.19 0.00	27.19 1.05 0.00	27.69 1.01 0.00	28.70 1.34 0.00	32.72 1.44 0.00	33.70 1.60 0.00	35.61 1.79 0.00	37.18 1.90 0.00	39.79 2.00 0.00	42.69 2.18 -0.08	45.69 2.42 0.00	49.54 3.15 0.00	52.82 3.81 -0.14	66.42 5.23 -1.04	79.53 6.29 -1.76	97.93 7.86 -1.78	76.05 5.96 -0.74	60.99 4.47 0.00	50.86 3.28 0.00	43.05 2.36 0.00	39.85 2.29 0.00	34.94 2.19 0.00
WHITEHAL_115KV_TB1 80871	32.50 3.74 0.00	30.48 3.41 0.00	30.06 3.10 0.00	29.20 3.06 0.00	29.83 3.15 0.00	30.94 3.58 0.00	35.53 4.25 0.00	36.43 4.33 0.00	38.35 4.53 0.00	39.86 4.59 0.00	42.36 4.57 0.00	45.47 5.13 0.09	49.15 5.88 0.00	52.78 6.40 0.00	55.45 6.74 0.16	67.35 8.36 1.16	79.36 9.86 1.98	96.35 10.07 2.00	77.18 8.67 0.83	63.59 7.07 0.00	53.62 6.04 0.00	45.45 4.76 0.00	41.58 4.02 0.00	36.16 3.41 0.00
WHITEPLN_13_KV_LOAD 356215	31.01 2.24 0.00	28.91 1.84 0.00	28.55 1.59 0.00	27.61 1.46 0.00	28.12 1.44 0.00	29.16 1.81 0.00	33.38 2.10 0.00	34.54 2.44 0.00	36.59 2.77 0.00	38.20 2.93 0.00	40.96 3.17 0.00	43.99 3.48 -0.09	47.12 3.85 0.00	51.16 4.78 0.00	54.49 5.47 -0.15	68.68 7.40 -1.13	82.47 9.08 -1.92	101.71 11.48 -1.94	78.96 8.81 -0.81	63.03 6.50 0.00	52.38 4.81 0.00	44.27 3.58 0.00	40.83 3.27 0.00	35.76 3.01 0.00
WM_FLOYD_69_KV_BK2 356380	31.15 2.39 0.00	28.99 1.92 0.00	28.69 1.73 0.00	27.76 1.62 0.00	28.23 1.55 0.00	29.33 1.97 0.00	33.31 2.03 0.00	34.50 2.41 0.00	37.44 2.81 -0.81	38.68 3.00 -0.41	40.73 2.95 0.00	43.55 3.03 -0.09	46.52 3.25 0.00	53.78 4.41 -2.99	60.99 5.18 -6.95	75.82 7.46 -8.20	96.84 9.29 -16.07	123.36 11.65 -23.42	88.68 9.02 -10.31	70.35 6.95 -6.87	55.28 5.42 -2.28	45.63 4.07 -0.87	40.53 2.97 0.00	36.73 3.41 -0.57
WOODARD___115KV_TB2 355635	28.79 0.03 0.00	26.96 -0.11 0.00	26.83 -0.13 0.00	25.91 -0.24 0.00	26.46 -0.21 0.00	27.30 -0.05 0.00	31.31 0.03 0.00	32.29 0.19 0.00	33.92 0.10 0.00	35.45 0.18 0.00	38.01 0.23 0.00	40.71 0.28 0.00	43.49 0.22 0.00	46.80 0.42 0.00	49.12 0.29 0.04	60.20 0.12 0.07	71.56 0.29 0.20	88.27 0.18 0.20	69.36 0.21 0.20	56.81 0.28 0.00	47.91 0.33 0.00	40.69 0.00 0.00	37.56 0.00 0.00	32.62 -0.13 0.00
YORK___WARBASSE 23770	86.97 2.44 -55.76	48.87 1.95 -19.85	42.48 1.67 -13.84	42.52 1.49 -14.89	42.50 1.47 -14.35	42.15 1.81 -12.98	46.73 2.03 -13.41	47.70 2.38 -13.23	46.78 2.81 -10.15	57.03 3.03 -18.72	88.33 3.29 -47.26	44.03 3.52 -0.09	46.82 3.55 0.00	73.35 4.36 -22.60	86.49 4.94 -32.69	86.23 6.50 -19.58	104.77 7.93 -25.36	100.11 9.80 -2.02	82.87 7.28 -6.24	121.85 5.65 -59.67	69.74 4.23 -17.93	69.65 3.54 -25.42	69.69 3.49 -28.64	69.69 3.18 -33.76