

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										08/05/2024	
Generator Data																											
Name	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			
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
59TH STREET_GT_1	33.18	30.21	27.21	26.20	26.32	28.09	30.72	34.01	36.05	38.58	42.07	45.02	48.01	51.79	57.27	75.50	101.11	116.60	98.58	70.15	60.83	50.17	44.21	39.26			
24138	2.52	2.21	2.04	1.83	1.91	1.98	2.28	2.66	3.07	3.25	4.27	4.53	4.84	5.13	5.81	7.91	10.40	9.25	7.13	5.45	5.09	4.44	4.09	3.31			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.70	-6.81	-29.55	-28.92	-15.18	-6.83	0.00	0.00	0.00			
74TH STREET_GT_1	33.27	30.24	27.26	26.24	26.32	28.09	30.71	34.01	36.04	38.69	42.07	45.02	48.02	51.70	57.17	75.50	101.11	116.68	98.65	70.10	60.83	50.27	44.29	38.98			
24260	2.61	2.24	2.09	1.88	1.90	1.98	2.28	2.66	3.07	3.36	4.27	4.53	4.84	5.04	5.71	7.92	10.40	9.34	7.19	5.40	5.09	4.53	4.17	3.02			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.70	-6.81	-29.55	-28.92	-15.18	-6.83	0.00	0.00	0.00			
74TH STREET_GT_2	33.27	30.24	27.26	26.24	26.32	28.09	30.71	34.01	36.04	38.69	42.07	45.02	48.02	51.70	57.17	75.50	101.11	116.68	98.65	70.10	60.83	50.27	44.29	38.98			
24261	2.61	2.24	2.09	1.88	1.90	1.98	2.28	2.66	3.07	3.36	4.27	4.53	4.84	5.04	5.71	7.92	10.40	9.34	7.19	5.40	5.09	4.53	4.17	3.02			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.70	-6.81	-29.55	-28.92	-15.18	-6.83	0.00	0.00	0.00			
ADK HUDSON___FALLS	33.67	30.80	27.59	26.61	26.66	28.53	30.54	33.63	35.12	37.45	40.11	43.11	46.12	49.88	55.37	82.55	116.66	171.56	238.13	121.66	83.98	50.45	43.65	38.47			
24011	3.01	2.80	2.42	2.24	2.25	2.43	2.10	2.29	2.14	2.12	2.31	2.63	2.94	3.22	3.91	5.00	7.22	7.39	6.50	5.10	5.14	4.71	3.53	2.52			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.67	-25.55	-86.37	-169.09	-67.04	-29.93	0.00	0.00	0.00			
ADK RESOURCE___RCVRY	33.91	31.02	27.76	26.78	26.86	28.74	30.72	33.82	35.32	37.60	40.30	43.32	46.33	50.20	55.68	82.64	116.72	171.54	238.38	122.22	84.59	50.86	43.89	38.87			
23798	3.25	3.02	2.59	2.41	2.44	2.64	2.28	2.48	2.34	2.26	2.49	2.83	3.15	3.54	4.22	5.38	7.80	8.01	7.06	5.59	5.62	5.12	3.77	2.91			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.38	-25.02	-85.73	-168.78	-67.12	-30.05	0.00	0.00	0.00			
ADK S GLENS___FALLS	33.67	30.80	27.59	26.61	26.66	28.53	30.54	33.63	35.12	37.45	40.11	43.11	46.12	49.88	55.37	82.55	116.66	171.56	238.13	121.66	83.98	50.45	43.65	38.47			
24028	3.01	2.80	2.42	2.24	2.25	2.43	2.10	2.29	2.14	2.12	2.31	2.63	2.94	3.22	3.91	5.00	7.22	7.39	6.50	5.10	5.14	4.71	3.53	2.52			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.67	-25.55	-86.37	-169.09	-67.04	-29.93	0.00	0.00	0.00			
ADK_NYS___DAM	32.57	29.74	26.76	25.83	25.93	27.70	30.15	33.26	35.02	37.42	40.41	43.24	46.25	50.06	55.32	87.39	124.75	175.50	219.96	110.37	76.12	49.12	42.88	37.83			
23527	1.90	1.74	1.59	1.46	1.51	1.59	1.71	1.91	2.05	2.08	2.61	2.75	3.07	3.40	3.86	5.06	6.71	6.23	5.00	3.91	3.77	3.38	2.77	1.87			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.44	-34.14	-91.48	-152.43	-56.94	-23.44	0.00	0.00	0.00			
AIR_PRODUCTS___DRP	31.16	28.48	25.62	24.81	24.85	26.49	28.87	31.82	33.54	35.86	38.67	41.45	44.22	47.73	52.84	40.49	41.07	48.51	59.02	72.79	69.13	46.93	41.28	36.46			
24190	0.49	0.48	0.45	0.44	0.44	0.39	0.43	0.47	0.56	0.53	0.87	0.97	1.04	1.07	1.39	1.95	2.68	2.41	1.88	1.39	1.37	1.19	1.16	0.50			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.34	45.51	31.70	5.39	-21.89	-18.84	0.00	0.00	0.00			
AKWESSNE_115KV_BK	30.02	27.52	24.74	23.98	24.00	25.66	27.98	30.91	32.45	34.77	36.82	39.15	41.67	44.93	47.91	46.88	47.18	47.27	52.69	47.73	47.10	44.05	38.71	35.42			
355683	-0.64	-0.48	-0.43	-0.39	-0.42	-0.44	-0.46	-0.44	-0.53	-0.57	-0.98	-1.34	-1.51	-1.73	-1.90	-2.27	-2.94	-2.80	-2.44	-1.78	-1.81	-1.69	-1.40	-0.54			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.64	15.73	33.78	27.73	7.41	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	31.74	29.04	26.10	25.24	25.32	26.99	29.41	32.32	33.93	36.11	38.82	41.58	43.66	47.17	52.28	42.67	45.40	51.77	51.64	67.82	65.86	47.07	42.08	37.43			
323833	1.07	1.04	0.93	0.88	0.90	0.89	0.97	0.97	0.96	0.78	1.02	1.09	0.48	0.51	0.82	1.30	1.93	2.10	1.81	1.38	1.42	1.33	1.97	1.47			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.51	40.43	28.12	12.71	-16.92	-15.52	0.00	0.00	0.00			
ALBANY_2_SOLAR	31.74	29.04	26.10	25.24	25.29	26.99	29.38	32.32	33.90	36.11	38.78	41.53	43.66	47.17	52.23	42.64	45.38	51.87	51.74	67.83	65.85	47.02	42.08	37.43			
323834	1.07	1.04	0.93	0.88	0.88	0.89	0.94	0.97	0.92	0.78	0.98	1.05	0.48	0.51	0.77	1.23	1.84	2.10	1.81	1.38	1.42	1.28	1.97	1.47			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.48	40.36	28.02	12.61	-16.93	-15.52	0.00	0.00	0.00			
ALBANY___1	31.16	28.48	25.62	24.81	24.85	26.49	28.87	31.82	33.54	35.86	38.67	41.45	44.22	47.73	52.84	40.49	41.07	48.51	59.02	72.79	69.13	46.93	41.28	36.46			
23571	0.49	0.48	0.45	0.44	0.44	0.39	0.43	0.47	0.56	0.53	0.87	0.97	1.04	1.07	1.39	1.95	2.68	2.41	1.88	1.39	1.37	1.19	1.16	0.50			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.34	45.51	31.70	5.39	-21.89	-18.84	0.00	0.00	0.00			

ALBANY___2 23572	31.16 0.49 0.00	28.48 0.48 0.00	25.62 0.45 0.00	24.81 0.44 0.00	24.85 0.44 0.00	26.49 0.39 0.00	28.87 0.43 0.00	31.82 0.47 0.00	33.54 0.56 0.00	35.86 0.53 0.00	38.67 0.87 0.00	41.45 0.97 0.00	44.22 1.04 0.00	47.73 1.07 0.00	52.84 1.39 0.00	40.49 1.95 26.34	41.07 2.68 45.51	48.51 2.41 31.70	59.02 1.88 5.39	72.79 1.39 -21.89	69.13 1.37 -18.84	46.93 1.19 0.00	41.28 1.16 0.00	36.46 0.50 0.00
ALBANY___3 23573	31.16 0.49 0.00	28.48 0.48 0.00	25.62 0.45 0.00	24.81 0.44 0.00	24.85 0.44 0.00	26.49 0.39 0.00	28.87 0.43 0.00	31.82 0.47 0.00	33.54 0.56 0.00	35.86 0.53 0.00	38.67 0.87 0.00	41.45 0.97 0.00	44.22 1.04 0.00	47.73 1.07 0.00	52.84 1.39 0.00	40.49 1.95 26.34	41.07 2.68 45.51	48.51 2.41 31.70	59.02 1.88 5.39	72.79 1.39 -21.89	69.13 1.37 -18.84	46.93 1.19 0.00	41.28 1.16 0.00	36.46 0.50 0.00
ALBANY___4 23574	31.16 0.49 0.00	28.48 0.48 0.00	25.62 0.45 0.00	24.81 0.44 0.00	24.85 0.44 0.00	26.49 0.39 0.00	28.87 0.43 0.00	31.82 0.47 0.00	33.54 0.56 0.00	35.86 0.53 0.00	38.67 0.87 0.00	41.45 0.97 0.00	44.22 1.04 0.00	47.73 1.07 0.00	52.84 1.39 0.00	40.49 1.95 26.34	41.07 2.68 45.51	48.51 2.41 31.70	59.02 1.88 5.39	72.79 1.39 -21.89	69.13 1.37 -18.84	46.93 1.19 0.00	41.28 1.16 0.00	36.46 0.50 0.00
ALBANY___LFGE 323615	31.55 0.89 0.00	28.84 0.84 0.00	25.92 0.75 0.00	25.07 0.71 0.00	25.15 0.73 0.00	26.81 0.71 0.00	29.21 0.77 0.00	32.19 0.85 0.00	33.93 0.96 0.00	36.29 0.95 0.00	39.16 1.36 0.00	41.98 1.50 0.00	44.82 1.64 0.00	48.48 1.82 0.00	53.62 2.16 0.00	67.74 2.85 0.00	90.12 3.78 -2.44	124.88 3.58 -43.50	158.44 2.75 -93.16	96.14 2.13 -44.50	73.30 2.05 -22.34	47.57 1.83 0.00	41.76 1.65 0.00	37.07 1.12 0.00
ALCOA_PA_115KV_PL-6C 55860	30.11 -0.55 0.00	27.66 -0.34 0.00	24.84 -0.33 0.00	24.08 -0.29 0.00	24.10 -0.32 0.00	25.76 -0.34 0.00	28.13 -0.31 0.00	31.06 -0.28 0.00	32.58 -0.40 0.00	34.91 -0.42 0.00	36.97 -0.83 0.00	38.99 -1.50 0.00	41.45 -1.73 0.00	44.74 -1.91 0.00	47.75 -2.11 1.59	47.06 -2.53 15.29	47.79 -3.27 32.84	47.73 -3.11 26.95	52.58 -2.75 7.20	47.53 -1.98 0.00	46.91 -2.01 0.00	43.86 -1.88 0.00	38.55 -1.56 0.00	35.60 -0.36 0.00
ALCOA_RYNLDS___DRP 24188	30.11 -0.55 0.00	27.66 -0.34 0.00	24.84 -0.33 0.00	24.08 -0.29 0.00	24.10 -0.32 0.00	25.76 -0.34 0.00	28.13 -0.31 0.00	31.06 -0.28 0.00	32.58 -0.40 0.00	34.91 -0.42 0.00	36.97 -0.83 0.00	38.99 -1.50 0.00	41.45 -1.73 0.00	44.74 -1.91 0.00	47.75 -2.11 1.59	47.06 -2.53 15.29	47.79 -3.27 32.84	47.73 -3.11 26.95	52.58 -2.75 7.20	47.53 -1.98 0.00	46.91 -2.01 0.00	43.86 -1.88 0.00	38.55 -1.56 0.00	35.60 -0.36 0.00
ALCOA___DSASP 323711	30.11 -0.55 0.00	27.66 -0.33 0.00	24.84 -0.33 0.00	24.08 -0.29 0.00	24.10 -0.32 0.00	25.76 -0.34 0.00	28.13 -0.31 0.00	31.06 -0.28 0.00	32.58 -0.39 0.00	34.91 -0.42 0.00	36.82 -0.98 0.00	38.99 -1.50 0.00	41.45 -1.73 0.00	44.70 -1.96 0.00	47.80 -2.06 1.59	47.06 -2.53 15.29	47.78 -3.27 32.84	47.73 -3.11 26.95	52.72 -2.75 7.06	47.48 -2.03 0.00	46.95 -1.96 0.00	44.00 -1.74 0.00	38.55 -1.57 0.00	35.31 -0.65 0.00
ALLEGHENY___COGEN 23514	32.23 1.56 0.00	29.15 1.15 0.00	26.18 1.01 0.00	25.39 1.02 0.00	25.37 0.95 0.00	27.33 1.23 0.00	29.72 1.28 0.00	32.32 0.97 0.00	33.31 0.33 0.00	35.55 0.21 0.00	37.65 -0.15 0.00	40.61 0.12 0.00	43.14 -0.04 0.00	45.21 -1.45 0.00	49.55 -1.90 0.00	60.14 -2.79 1.95	77.99 -3.19 2.72	79.06 -2.33 -3.60	64.71 -0.25 -2.43	52.07 0.30 -2.26	50.90 0.83 -1.15	47.11 1.37 0.00	42.52 2.41 0.00	38.33 2.37 0.00
ALTAMONT_115KV_TB 2 55880	31.55 0.89 0.00	28.81 0.81 0.00	25.90 0.73 0.00	25.05 0.68 0.00	25.10 0.68 0.00	26.81 0.70 0.00	29.21 0.77 0.00	32.16 0.81 0.00	33.87 0.89 0.00	36.25 0.92 0.00	39.05 1.25 0.00	41.82 1.34 0.00	44.60 1.42 0.00	48.15 1.49 0.00	53.26 1.80 0.00	53.31 2.40 13.98	64.06 3.19 23.02	79.79 3.03 1.04	85.34 2.38 -20.43	75.59 1.88 -24.20	67.10 1.86 -16.33	47.43 1.69 0.00	41.68 1.56 0.00	36.89 0.93 0.00
ALTONA_WT_PWR 323606	30.67 0.00 0.00	28.25 0.25 0.00	25.37 0.20 0.00	24.66 0.29 0.00	24.73 0.32 0.00	26.44 0.34 0.00	28.89 0.45 0.00	31.91 0.56 0.00	33.44 0.46 0.00	35.90 0.56 0.00	38.14 0.34 0.00	40.56 0.08 0.00	43.05 -0.13 0.00	45.49 -1.16 0.00	48.51 -1.34 1.61	47.87 -1.62 15.40	48.32 -2.51 33.06	48.25 -2.41 27.14	53.25 -2.06 7.22	48.08 -1.44 0.00	47.93 -0.98 0.00	45.88 0.14 0.00	40.16 0.04 0.00	36.35 0.40 0.00
AMERICAN_REF_FUEL 24010	30.14 -0.52 0.00	27.30 -0.70 0.00	24.57 -0.60 0.00	23.88 -0.49 0.00	23.83 -0.59 0.00	25.63 -0.47 0.00	27.61 -0.83 0.00	29.75 -1.60 0.00	31.20 -1.78 0.00	33.57 -1.77 0.00	35.99 -1.81 0.00	39.03 -1.46 0.00	41.37 -1.81 0.00	44.65 -2.00 0.00	48.06 -3.40 0.00	56.93 -5.45 2.51	73.54 -7.13 3.22	74.42 -6.61 -3.24	60.00 -4.69 -2.16	47.86 -3.66 -2.00	46.71 -3.23 -1.03	43.64 -2.10 0.00	38.55 -1.57 0.00	35.42 -0.54 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.40 0.73 0.00	28.34 0.34 0.00	25.30 0.13 0.00	24.56 0.19 0.00	24.46 0.05 0.00	26.36 0.26 0.00	28.50 0.06 0.00	31.03 -0.31 0.00	32.71 -0.26 0.00	35.44 0.11 0.00	38.14 0.34 0.00	41.50 1.01 0.00	43.78 0.60 0.00	47.26 0.60 0.00	50.84 -0.62 0.00	60.22 -2.40 2.27	77.87 -3.19 2.84	78.53 -2.96 -3.69	64.02 -1.00 -2.49	51.19 -0.65 -2.32	49.76 -0.34 -1.18	46.47 0.73 0.00	41.04 0.92 0.00	37.43 1.47 0.00
ARTHUR KILL_GT_1 23520	33.24 2.58 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.17 1.76 0.00	27.75 1.65 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.81 2.84 0.00	38.46 3.07 -0.06	41.81 4.01 0.00	44.73 4.25 0.00	51.72 4.62 -3.92	70.83 4.81 -19.36	142.52 5.45 -85.61	90.85 7.59 -18.38	101.16 10.06 -7.21	164.52 9.10 -77.63	120.25 7.00 -50.71	69.80 5.10 -15.18	67.55 4.84 -13.79	67.24 4.21 -17.30	45.96 4.05 -1.80	39.26 3.31 0.00
ARTHUR_KILL_2 23512	33.12 2.45 0.00	30.04 2.04 0.00	27.06 1.89 0.00	25.95 1.58 0.00	26.08 1.66 0.00	27.67 1.57 0.00	30.26 1.82 0.00	33.57 2.23 0.00	35.68 2.70 0.00	38.32 2.93 -0.06	41.66 3.86 0.00	44.57 4.09 0.00	51.55 4.45 -3.92	70.60 4.58 -19.36	142.26 5.19 -85.61	90.53 7.27 -18.38	100.66 9.56 -7.21	164.13 8.71 -77.63	119.94 6.69 -50.71	69.50 4.80 -15.18	67.30 4.60 -13.79	67.01 3.98 -17.30	45.77 3.85 -1.80	39.08 3.13 0.00
ARTHUR_KILL_3 23513	32.90 2.24 0.00	29.93 1.93 0.00	26.96 1.79 0.00	25.95 1.58 0.00	26.08 1.66 0.00	27.80 1.70 0.00	30.40 1.96 0.00	33.63 2.29 0.00	35.65 2.67 0.00	38.22 2.86 -0.03	41.62 3.82 0.00	44.37 3.89 0.00	47.24 4.10 0.05	46.69 4.38 4.35	50.25 6.19 6.19	67.23 6.87 4.53	92.55 9.06 0.41	108.28 8.09 -22.39	83.69 6.19 -14.97	62.01 4.65 -7.84	51.17 4.31 2.05	49.18 3.75 0.31	43.73 3.61 0.00	38.94 2.98 0.00

ARTHUR_KILL_COGEN 323718	33.24 2.58 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.17 1.76 0.00	27.75 1.65 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.81 2.84 0.00	38.46 3.07 -0.06	41.81 4.01 0.00	44.73 4.25 0.00	51.72 4.62 -3.92	70.83 4.81 -19.36	142.52 5.45 -85.61	90.85 7.59 -18.38	101.16 10.06 -7.21	164.52 9.10 -77.63	120.25 7.00 -50.71	69.80 5.10 -15.18	67.55 4.84 -13.79	67.24 4.21 -17.30	45.96 4.05 -1.80	39.26 3.31 0.00
ASHOKAN____ 23654	32.38 1.72 0.00	29.48 1.48 0.00	26.50 1.33 0.00	25.68 1.31 0.00	25.76 1.34 0.00	27.38 1.28 0.00	29.80 1.37 0.00	32.57 1.22 0.00	34.33 1.35 0.00	36.64 1.31 0.00	39.73 1.93 0.00	42.59 2.10 0.00	45.60 2.42 0.00	49.27 2.61 0.00	54.75 3.30 0.00	55.69 6.29 15.49	66.33 8.47 26.04	74.07 8.17 11.89	65.98 6.69 3.25	68.08 3.72 -14.85	63.79 2.79 -12.10	49.03 3.30 0.00	43.08 2.97 0.00	38.11 2.16 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.21 2.54 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.77 1.67 0.00	30.34 1.91 0.01	33.63 2.29 0.00	35.67 2.70 0.01	38.22 2.90 0.01	41.65 3.86 0.01	44.40 3.93 0.01	47.36 4.19 0.01	51.00 4.34 0.00	56.28 4.84 0.01	74.59 7.01 -2.70	99.93 9.23 -6.81	115.82 8.48 -29.54	97.95 6.50 -28.91	69.41 4.71 -15.18	60.24 4.50 -6.83	49.44 3.70 0.00	43.85 3.73 0.00	39.01 3.05 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.21 2.54 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.77 1.67 0.00	30.34 1.91 0.01	33.63 2.29 0.00	35.67 2.70 0.01	38.22 2.90 0.01	41.65 3.86 0.01	44.40 3.93 0.01	47.36 4.19 0.01	51.00 4.34 0.00	56.28 4.84 0.01	74.59 7.01 -2.70	99.93 9.23 -6.81	115.82 8.48 -29.54	97.95 6.50 -28.91	69.41 4.71 -15.18	60.24 4.50 -6.83	49.44 3.70 0.00	43.85 3.73 0.00	39.01 3.05 0.00
ASTORIA_GT2_1 24094	33.21 2.55 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.80 1.70 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.68 2.70 0.00	38.30 2.97 0.00	41.66 3.86 0.00	44.45 3.97 0.00	47.37 4.19 0.00	50.90 4.25 0.00	56.19 4.73 0.00	74.59 7.01 -2.70	100.02 9.31 -6.81	115.89 8.56 -29.54	98.01 6.57 -28.91	69.45 4.75 -15.18	60.29 4.55 -6.83	49.58 3.84 0.00	43.93 3.81 0.00	38.51 2.55 0.00
ASTORIA_GT2_2 24095	33.21 2.55 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.80 1.70 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.68 2.70 0.00	38.30 2.97 0.00	41.66 3.86 0.00	44.45 3.97 0.00	47.37 4.19 0.00	50.90 4.25 0.00	56.19 4.73 0.00	74.59 7.01 -2.70	100.02 9.31 -6.81	115.89 8.56 -29.54	98.01 6.57 -28.91	69.45 4.75 -15.18	60.29 4.55 -6.83	49.58 3.84 0.00	43.93 3.81 0.00	38.51 2.55 0.00
ASTORIA_GT2_3 24096	33.21 2.55 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.80 1.70 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.68 2.70 0.00	38.30 2.97 0.00	41.66 3.86 0.00	44.45 3.97 0.00	47.37 4.19 0.00	50.90 4.25 0.00	56.19 4.73 0.00	74.59 7.01 -2.70	100.02 9.31 -6.81	115.89 8.56 -29.54	98.01 6.57 -28.91	69.45 4.75 -15.18	60.29 4.55 -6.83	49.58 3.84 0.00	43.93 3.81 0.00	38.51 2.55 0.00
ASTORIA_GT2_4 24097	33.21 2.55 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.80 1.70 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.68 2.70 0.00	38.30 2.97 0.00	41.66 3.86 0.00	44.45 3.97 0.00	47.37 4.19 0.00	50.90 4.25 0.00	56.19 4.73 0.00	74.59 7.01 -2.70	100.02 9.31 -6.81	115.89 8.56 -29.54	98.01 6.57 -28.91	69.45 4.75 -15.18	60.29 4.55 -6.83	49.58 3.84 0.00	43.93 3.81 0.00	38.51 2.55 0.00
ASTORIA_GT3_1 24098	33.21 2.55 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.80 1.70 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.68 2.70 0.00	38.30 2.97 0.00	41.66 3.86 0.00	44.45 3.97 0.00	47.37 4.19 0.00	50.90 4.25 0.00	56.19 4.73 0.00	74.59 7.01 -2.70	100.02 9.31 -6.81	115.89 8.56 -29.54	98.01 6.57 -28.91	69.45 4.75 -15.18	60.29 4.55 -6.83	49.58 3.84 0.00	43.93 3.81 0.00	38.51 2.55 0.00
ASTORIA_GT3_2 24099	33.21 2.55 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.80 1.70 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.68 2.70 0.00	38.30 2.97 0.00	41.66 3.86 0.00	44.45 3.97 0.00	47.37 4.19 0.00	50.90 4.25 0.00	56.19 4.73 0.00	74.59 7.01 -2.70	100.02 9.31 -6.81	115.89 8.56 -29.54	98.01 6.57 -28.91	69.45 4.75 -15.18	60.29 4.55 -6.83	49.58 3.84 0.00	43.93 3.81 0.00	38.51 2.55 0.00
ASTORIA_GT3_3 24100	33.21 2.55 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.80 1.70 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.68 2.70 0.00	38.30 2.97 0.00	41.66 3.86 0.00	44.45 3.97 0.00	47.37 4.19 0.00	50.90 4.25 0.00	56.19 4.73 0.00	74.59 7.01 -2.70	100.02 9.31 -6.81	115.89 8.56 -29.54	98.01 6.57 -28.91	69.45 4.75 -15.18	60.29 4.55 -6.83	49.58 3.84 0.00	43.93 3.81 0.00	38.51 2.55 0.00
ASTORIA_GT3_4 24101	33.21 2.55 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.80 1.70 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.68 2.70 0.00	38.30 2.97 0.00	41.66 3.86 0.00	44.45 3.97 0.00	47.37 4.19 0.00	50.90 4.25 0.00	56.19 4.73 0.00	74.59 7.01 -2.70	100.02 9.31 -6.81	115.89 8.56 -29.54	98.01 6.57 -28.91	69.45 4.75 -15.18	60.29 4.55 -6.83	49.58 3.84 0.00	43.93 3.81 0.00	38.51 2.55 0.00
ASTORIA_GT4_1 24102	33.21 2.55 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.80 1.70 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.68 2.70 0.00	38.30 2.97 0.00	41.66 3.86 0.00	44.45 3.97 0.00	47.37 4.19 0.00	50.90 4.25 0.00	56.19 4.73 0.00	74.59 7.01 -2.70	100.02 9.31 -6.81	115.89 8.56 -29.54	98.01 6.57 -28.91	69.45 4.75 -15.18	60.29 4.55 -6.83	49.58 3.84 0.00	43.93 3.81 0.00	38.51 2.55 0.00
ASTORIA_GT4_2 24103	33.21 2.55 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.80 1.70 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.68 2.70 0.00	38.30 2.97 0.00	41.66 3.86 0.00	44.45 3.97 0.00	47.37 4.19 0.00	50.90 4.25 0.00	56.19 4.73 0.00	74.59 7.01 -2.70	100.02 9.31 -6.81	115.89 8.56 -29.54	98.01 6.57 -28.91	69.45 4.75 -15.18	60.29 4.55 -6.83	49.58 3.84 0.00	43.93 3.81 0.00	38.51 2.55 0.00
ASTORIA_GT4_3 24104	33.21 2.55 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.80 1.70 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.68 2.70 0.00	38.30 2.97 0.00	41.66 3.86 0.00	44.45 3.97 0.00	47.37 4.19 0.00	50.90 4.25 0.00	56.19 4.73 0.00	74.59 7.01 -2.70	100.02 9.31 -6.81	115.89 8.56 -29.54	98.01 6.57 -28.91	69.45 4.75 -15.18	60.29 4.55 -6.83	49.58 3.84 0.00	43.93 3.81 0.00	38.51 2.55 0.00

ASTORIA_GT4_4 24105	33.21 2.55 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.80 1.70 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.68 2.70 0.00	38.30 2.97 0.00	41.66 3.86 0.00	44.45 3.97 0.00	47.37 4.19 0.00	50.90 4.25 0.00	56.19 4.73 0.00	74.59 7.01 -2.70	100.02 9.31 -6.81	115.89 8.56 -29.54	98.01 6.57 -28.91	69.45 4.75 -15.18	60.29 4.55 -6.83	49.58 3.84 0.00	43.93 3.81 0.00	38.51 2.55 0.00
ASTORIA_GT_1 23523	33.30 2.64 0.00	30.19 2.19 0.00	27.21 2.04 0.00	26.10 1.73 0.00	26.22 1.81 0.00	27.85 1.75 0.00	30.42 1.99 0.01	33.73 2.38 0.00	35.77 2.80 0.01	38.33 3.00 0.01	41.76 3.97 0.01	44.56 4.09 0.01	47.49 4.32 0.01	51.14 4.48 0.00	56.49 5.05 0.01	74.85 7.27 -2.70	100.26 9.56 -6.81	116.12 8.79 -29.54	98.20 6.76 -28.91	69.55 4.86 -15.18	60.39 4.65 -6.83	49.58 3.84 0.00	44.01 3.89 0.00	39.12 3.17 0.00
ASTORIA_GT_10 24110	33.09 2.42 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.05 1.68 0.00	26.12 1.71 0.00	27.85 1.75 0.00	30.46 2.02 0.00	33.76 2.41 0.00	35.78 2.80 0.00	38.44 3.11 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	51.00 4.34 0.00	56.39 4.94 0.00	74.53 6.94 -2.70	99.85 9.14 -6.81	115.58 8.25 -29.54	86.39 6.32 -17.54	69.30 4.60 -15.18	58.35 4.35 -5.09	49.63 3.89 0.00	43.93 3.81 0.00	38.69 2.73 0.00
ASTORIA_GT_11 24225	33.09 2.42 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.05 1.68 0.00	26.12 1.71 0.00	27.85 1.75 0.00	30.46 2.02 0.00	33.76 2.41 0.00	35.78 2.80 0.00	38.44 3.11 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	51.00 4.34 0.00	56.39 4.94 0.00	74.53 6.94 -2.70	99.85 9.14 -6.81	115.58 8.25 -29.54	86.39 6.32 -17.54	69.30 4.60 -15.18	58.35 4.35 -5.09	49.63 3.89 0.00	43.93 3.81 0.00	38.69 2.73 0.00
ASTORIA_GT_12 24226	33.09 2.42 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.05 1.68 0.00	26.12 1.71 0.00	27.85 1.75 0.00	30.46 2.02 0.00	33.76 2.41 0.00	35.78 2.80 0.00	38.44 3.11 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	51.00 4.34 0.00	56.39 4.94 0.00	74.53 6.94 -2.70	99.85 9.14 -6.81	115.58 8.25 -29.54	86.39 6.32 -17.54	69.30 4.60 -15.18	58.35 4.35 -5.09	49.63 3.89 0.00	43.93 3.81 0.00	38.69 2.73 0.00
ASTORIA_GT_13 24227	33.09 2.42 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.05 1.68 0.00	26.12 1.71 0.00	27.85 1.75 0.00	30.46 2.02 0.00	33.76 2.41 0.00	35.78 2.80 0.00	38.44 3.11 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	51.00 4.34 0.00	56.39 4.94 0.00	74.53 6.94 -2.70	99.85 9.14 -6.81	115.58 8.25 -29.54	86.39 6.32 -17.54	69.30 4.60 -15.18	58.35 4.35 -5.09	49.63 3.89 0.00	43.93 3.81 0.00	38.69 2.73 0.00
ASTORIA_GT_5 24106	33.30 2.64 0.00	30.18 2.18 0.00	27.21 2.04 0.00	26.10 1.73 0.00	26.20 1.78 0.00	27.85 1.75 0.00	30.43 1.99 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.41 3.07 0.00	41.77 3.97 0.00	44.57 4.09 0.00	47.50 4.32 0.00	51.04 4.39 0.00	56.34 4.89 0.00	74.85 7.27 -2.70	100.27 9.56 -6.81	116.13 8.79 -29.54	98.20 6.75 -28.91	69.60 4.90 -15.18	60.43 4.70 -6.83	49.72 3.98 0.00	44.01 3.89 0.00	38.62 2.66 0.00
ASTORIA_GT_7 24107	33.30 2.64 0.00	30.18 2.18 0.00	27.21 2.04 0.00	26.10 1.73 0.00	26.20 1.78 0.00	27.85 1.75 0.00	30.43 1.99 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.41 3.07 0.00	41.77 3.97 0.00	44.57 4.09 0.00	47.50 4.32 0.00	51.04 4.39 0.00	56.34 4.89 0.00	74.85 7.27 -2.70	100.27 9.56 -6.81	116.13 8.79 -29.54	98.20 6.75 -28.91	69.60 4.90 -15.18	60.43 4.70 -6.83	49.72 3.98 0.00	44.01 3.89 0.00	38.62 2.66 0.00
ASTORIA_GT_8 24108	33.30 2.64 0.00	30.18 2.18 0.00	27.21 2.04 0.00	26.10 1.73 0.00	26.20 1.78 0.00	27.85 1.75 0.00	30.43 1.99 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.41 3.07 0.00	41.77 3.97 0.00	44.57 4.09 0.00	47.50 4.32 0.00	51.04 4.39 0.00	56.34 4.89 0.00	74.85 7.27 -2.70	100.27 9.56 -6.81	116.13 8.79 -29.54	98.20 6.75 -28.91	69.60 4.90 -15.18	60.43 4.70 -6.83	49.72 3.98 0.00	44.01 3.89 0.00	38.62 2.66 0.00
ASTORIA___2 24149	33.21 2.54 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.17 1.76 0.00	27.80 1.70 0.00	30.34 1.91 0.01	33.66 2.32 0.00	35.71 2.74 0.01	38.26 2.93 0.01	41.65 3.86 0.01	44.44 3.97 0.01	47.36 4.19 0.01	51.00 4.34 0.00	56.34 4.89 0.01	74.66 7.07 -2.70	100.01 9.31 -6.81	115.89 8.56 -29.54	98.01 6.56 -28.91	69.41 4.71 -15.18	60.24 4.50 -6.83	49.49 3.75 0.00	43.89 3.77 0.00	39.01 3.05 0.00
ASTORIA___3 23516	33.09 2.42 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.05 1.68 0.00	26.17 1.76 0.00	27.85 1.75 0.00	30.46 2.02 0.00	33.76 2.41 0.00	35.81 2.84 0.00	38.37 3.04 0.00	41.77 3.97 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.14 4.48 0.00	56.50 5.05 0.00	74.53 6.95 -2.70	99.85 9.15 -6.81	115.58 8.24 -29.54	86.38 6.31 -17.54	69.31 4.61 -15.18	58.30 4.31 -5.09	49.49 3.75 0.00	43.89 3.77 0.00	39.12 3.17 0.00
ASTORIA___4 23517	33.09 2.42 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.05 1.68 0.00	26.12 1.71 0.00	27.85 1.75 0.00	30.46 2.02 0.00	33.76 2.41 0.00	35.78 2.80 0.00	38.44 3.11 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	51.00 4.34 0.00	56.39 4.94 0.00	74.53 6.94 -2.70	99.85 9.14 -6.81	115.58 8.25 -29.54	86.39 6.32 -17.54	69.30 4.60 -15.18	58.35 4.35 -5.09	49.63 3.89 0.00	43.93 3.81 0.00	38.69 2.73 0.00
ASTORIA___5 23518	33.09 2.42 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.05 1.68 0.00	26.17 1.76 0.00	27.85 1.75 0.00	30.46 2.02 0.00	33.76 2.41 0.00	35.81 2.84 0.00	38.37 3.04 0.00	41.77 3.97 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.14 4.48 0.00	56.50 5.05 0.00	74.53 6.95 -2.70	99.85 9.15 -6.81	115.58 8.24 -29.54	86.38 6.31 -17.54	69.31 4.61 -15.18	58.30 4.31 -5.09	49.49 3.75 0.00	43.89 3.77 0.00	39.12 3.17 0.00
AST_ENERGY_2_CC3 323677	32.93 2.27 0.00	29.99 1.99 0.00	27.01 1.84 0.00	26.00 1.63 0.00	26.12 1.71 0.00	27.85 1.75 0.00	30.43 1.99 0.00	33.66 2.32 0.01	35.67 2.70 0.02	38.22 2.90 0.02	41.64 3.86 0.02	44.48 4.01 0.02	47.44 4.28 0.02	51.22 4.58 0.01	56.63 5.19 0.02	74.65 7.07 -2.69	100.09 9.39 -6.80	115.73 8.40 -29.53	97.82 6.38 -28.91	69.55 4.86 -15.18	60.23 4.50 -6.82	49.62 3.89 0.01	43.80 3.69 0.00	38.98 3.02 0.00
AST_ENERGY_2_CC4 323678	32.93 2.27 0.00	29.99 1.99 0.00	27.01 1.84 0.00	26.00 1.63 0.00	26.12 1.71 0.00	27.85 1.75 0.00	30.43 1.99 0.00	33.66 2.32 0.01	35.67 2.70 0.02	38.22 2.90 0.02	41.64 3.86 0.02	44.48 4.01 0.02	47.44 4.28 0.02	51.22 4.58 0.01	56.63 5.19 0.02	74.65 7.07 -2.69	100.09 9.39 -6.80	115.73 8.40 -29.53	97.82 6.38 -28.91	69.55 4.86 -15.18	60.23 4.50 -6.82	49.62 3.89 0.01	43.80 3.69 0.00	38.98 3.02 0.00

ATHENS_STG_1 23668	31.77 1.10 0.00	28.98 0.98 0.00	26.08 0.90 0.00	25.17 0.80 0.00	25.25 0.83 0.00	26.96 0.86 0.00	29.38 0.94 0.00	32.41 1.07 0.00	34.20 1.22 0.00	36.60 1.27 0.00	39.58 1.78 0.00	42.39 1.90 0.00	45.25 2.07 0.00	48.85 2.19 0.00	53.98 2.52 0.00	68.18 3.31 0.01	90.39 4.36 -2.13	106.02 3.97 -24.26	85.01 3.06 -19.42	65.73 2.43 -13.79	58.15 2.30 -6.94	47.80 2.06 0.00	41.96 1.85 0.00	37.29 1.33 0.00
ATHENS_STG_2 23670	31.77 1.10 0.00	28.98 0.98 0.00	26.08 0.90 0.00	25.17 0.80 0.00	25.25 0.83 0.00	26.96 0.86 0.00	29.38 0.94 0.00	32.41 1.07 0.00	34.20 1.22 0.00	36.60 1.27 0.00	39.58 1.78 0.00	42.39 1.90 0.00	45.25 2.07 0.00	48.85 2.19 0.00	53.98 2.52 0.00	68.18 3.31 0.01	90.39 4.36 -2.13	106.02 3.97 -24.26	85.01 3.06 -19.42	65.73 2.43 -13.79	58.15 2.30 -6.94	47.80 2.06 0.00	41.96 1.85 0.00	37.29 1.33 0.00
ATHENS_STG_3 23677	31.77 1.10 0.00	28.98 0.98 0.00	26.08 0.90 0.00	25.17 0.80 0.00	25.25 0.83 0.00	26.96 0.86 0.00	29.38 0.94 0.00	32.41 1.07 0.00	34.20 1.22 0.00	36.60 1.27 0.00	39.58 1.78 0.00	42.39 1.90 0.00	45.25 2.07 0.00	48.85 2.19 0.00	53.98 2.52 0.00	68.18 3.31 0.01	90.39 4.36 -2.13	106.02 3.97 -24.26	85.01 3.06 -19.42	65.73 2.43 -13.79	58.15 2.30 -6.94	47.80 2.06 0.00	41.96 1.85 0.00	37.29 1.33 0.00
AUBURN___LFGE 323710	31.03 0.37 0.00	28.22 0.22 0.00	25.35 0.18 0.00	24.54 0.17 0.00	24.59 0.17 0.00	26.36 0.26 0.00	28.75 0.31 0.00	31.72 0.38 0.00	33.27 0.30 0.00	35.93 0.32 -0.28	38.22 0.42 0.00	41.25 0.77 0.00	43.96 0.78 0.00	47.73 1.07 0.00	52.43 0.98 0.00	65.86 0.97 0.00	87.07 1.17 -1.99	81.67 1.17 -2.71	63.78 1.25 0.00	50.41 0.89 0.00	49.84 0.93 0.00	46.91 0.96 -0.21	40.90 0.72 -0.06	36.47 0.50 0.00
BABYLON_RES_REC 323704	36.75 2.97 -3.11	35.66 2.60 -5.05	32.77 2.39 -5.21	27.90 2.22 -1.31	27.14 2.27 -0.45	28.45 2.35 0.00	31.09 2.65 0.00	36.05 2.98 -1.73	37.20 3.33 -0.89	38.37 3.04 0.00	41.77 3.97 0.00	48.18 4.33 -3.36	54.81 4.53 -7.10	64.82 4.85 -13.31	76.75 5.61 -19.69	110.21 7.65 -37.68	158.94 10.15 -64.90	183.69 9.18 -96.72	144.38 7.19 -74.66	87.99 5.50 -32.98	60.74 4.99 -6.83	54.93 4.44 -4.76	43.97 3.85 0.00	40.23 3.70 -0.57
BABYLON__69_KV_BK2 356345	37.12 3.34 -3.11	35.99 2.94 -5.05	33.07 2.69 -5.20	28.19 2.51 -1.31	27.41 2.54 -0.45	28.77 2.66 0.00	31.40 2.96 0.00	36.40 3.32 -1.73	37.60 3.73 -0.89	38.97 3.64 0.00	42.53 4.73 0.00	49.07 5.30 -3.28	55.16 5.74 -6.24	64.28 5.93 -11.70	75.44 6.69 -17.30	109.32 9.41 -35.02	156.06 12.42 -59.75	181.70 11.28 -92.63	144.37 8.88 -72.95	87.87 6.73 -31.62	62.05 6.31 -6.83	56.31 5.81 -4.76	44.77 4.65 0.00	40.41 3.88 -0.57
BALL_HILL_WT_PWR 323825	31.06 0.40 0.00	28.08 0.08 0.00	25.20 0.03 0.00	24.51 0.15 0.00	24.44 0.02 0.00	26.31 0.21 0.00	28.44 0.00 0.00	30.88 -0.47 0.00	32.45 -0.53 0.00	35.01 -0.32 0.00	37.61 -0.19 0.00	40.89 0.40 0.00	43.22 0.04 0.00	46.70 0.05 0.00	50.37 -1.08 0.00	59.56 -2.98 2.34	77.01 -3.94 2.95	77.64 -3.73 -3.57	63.12 -1.82 -2.40	50.36 -1.39 -2.24	48.98 -1.08 -1.14	45.65 -0.09 0.00	40.32 0.20 0.00	36.79 0.83 0.00
BARON_WINDS___WT_PWR 323822	31.22 0.55 0.00	28.28 0.28 0.00	25.42 0.25 0.00	24.68 0.32 0.00	24.63 0.22 0.00	26.47 0.37 0.00	28.72 0.28 0.00	31.41 0.06 0.00	32.91 -0.07 0.00	35.48 0.07 -0.07	37.95 0.15 0.00	41.05 0.57 0.00	43.52 0.34 0.00	46.94 0.28 0.00	51.04 -0.41 0.00	61.58 -1.69 1.61	80.23 -2.18 1.48	80.78 -1.94 -4.93	65.17 -0.56 -3.21	52.17 -0.34 -3.00	50.29 -0.15 -1.52	46.34 0.55 -0.05	40.81 0.68 -0.01	36.93 0.97 0.00
BARRETT_IC_1 23704	36.48 2.70 -3.12	35.44 2.38 -5.06	32.57 2.19 -5.21	27.70 2.02 -1.31	26.92 2.05 -0.45	28.25 2.14 -0.01	30.84 2.39 -0.01	35.81 2.73 -1.74	36.91 3.03 -0.90	38.24 2.90 -0.01	41.82 4.01 -0.01	47.61 4.21 -2.92	48.77 4.53 -1.06	53.44 4.81 -1.97	59.72 5.35 -2.91	90.93 7.01 -19.04	121.83 9.23 -28.70	154.07 8.33 -67.94	131.62 6.44 -62.65	77.91 5.00 -23.40	60.54 4.80 -6.83	54.79 4.30 -4.75	44.01 3.89 -0.01	39.84 3.31 -0.57
BARRETT_IC_10 23701	36.48 2.70 -3.12	35.44 2.38 -5.06	32.57 2.19 -5.21	27.70 2.02 -1.31	26.92 2.05 -0.45	28.25 2.14 -0.01	30.84 2.39 -0.01	35.81 2.73 -1.74	36.91 3.03 -0.90	38.24 2.90 -0.01	41.82 4.01 -0.01	47.61 4.21 -2.92	48.77 4.53 -1.06	53.44 4.81 -1.97	59.72 5.35 -2.91	90.93 7.01 -19.04	121.83 9.23 -28.70	154.07 8.33 -67.94	131.62 6.44 -62.65	77.91 5.00 -23.40	60.54 4.80 -6.83	54.79 4.30 -4.75	44.01 3.89 -0.01	39.84 3.31 -0.57
BARRETT_IC_11 23702	36.48 2.70 -3.12	35.44 2.38 -5.06	32.57 2.19 -5.21	27.70 2.02 -1.31	26.92 2.05 -0.45	28.25 2.14 -0.01	30.84 2.39 -0.01	35.81 2.73 -1.74	36.91 3.03 -0.90	38.24 2.90 -0.01	41.82 4.01 -0.01	47.61 4.21 -2.92	48.77 4.53 -1.06	53.44 4.81 -1.97	59.72 5.35 -2.91	90.93 7.01 -19.04	121.83 9.23 -28.70	154.07 8.33 -67.94	131.62 6.44 -62.65	77.91 5.00 -23.40	60.54 4.80 -6.83	54.79 4.30 -4.75	44.01 3.89 -0.01	39.84 3.31 -0.57
BARRETT_IC_12 23703	36.48 2.70 -3.12	35.44 2.38 -5.06	32.57 2.19 -5.21	27.70 2.02 -1.31	26.92 2.05 -0.45	28.25 2.14 -0.01	30.84 2.39 -0.01	35.81 2.73 -1.74	36.91 3.03 -0.90	38.24 2.90 -0.01	41.82 4.01 -0.01	47.61 4.21 -2.92	48.77 4.53 -1.06	53.44 4.81 -1.97	59.72 5.35 -2.91	90.93 7.01 -19.04	121.83 9.23 -28.70	154.07 8.33 -67.94	131.62 6.44 -62.65	77.91 5.00 -23.40	60.54 4.80 -6.83	54.79 4.30 -4.75	44.01 3.89 -0.01	39.84 3.31 -0.57
BARRETT_IC_2 23705	36.48 2.70 -3.12	35.44 2.38 -5.06	32.57 2.19 -5.21	27.70 2.02 -1.31	26.92 2.05 -0.45	28.25 2.14 -0.01	30.84 2.39 -0.01	35.81 2.73 -1.74	36.91 3.03 -0.90	38.24 2.90 -0.01	41.82 4.01 -0.01	47.61 4.21 -2.92	48.77 4.53 -1.06	53.44 4.81 -1.97	59.72 5.35 -2.91	90.93 7.01 -19.04	121.83 9.23 -28.70	154.07 8.33 -67.94	131.62 6.44 -62.65	77.91 5.00 -23.40	60.54 4.80 -6.83	54.79 4.30 -4.75	44.01 3.89 -0.01	39.84 3.31 -0.57
BARRETT_IC_3 23706	36.48 2.70 -3.12	35.44 2.38 -5.06	32.57 2.19 -5.21	27.70 2.02 -1.31	26.92 2.05 -0.45	28.25 2.14 -0.01	30.84 2.39 -0.01	35.81 2.73 -1.74	36.91 3.03 -0.90	38.24 2.90 -0.01	41.82 4.01 -0.01	47.61 4.21 -2.92	48.77 4.53 -1.06	53.44 4.81 -1.97	59.72 5.35 -2.91	90.93 7.01 -19.04	121.83 9.23 -28.70	154.07 8.33 -67.94	131.62 6.44 -62.65	77.91 5.00 -23.40	60.54 4.80 -6.83	54.79 4.30 -4.75	44.01 3.89 -0.01	39.84 3.31 -0.57
BARRETT_IC_4 23707	36.48 2.70 -3.12	35.44 2.38 -5.06	32.57 2.19 -5.21	27.70 2.02 -1.31	26.92 2.05 -0.45	28.25 2.14 -0.01	30.84 2.39 -0.01	35.81 2.73 -1.74	36.91 3.03 -0.90	38.24 2.90 -0.01	41.82 4.01 -0.01	47.61 4.21 -2.92	48.77 4.53 -1.06	53.44 4.81 -1.97	59.72 5.35 -2.91	90.93 7.01 -19.04	121.83 9.23 -28.70	154.07 8.33 -67.94	131.62 6.44 -62.65	77.91 5.00 -23.40	60.54 4.80 -6.83	54.79 4.30 -4.75	44.01 3.89 -0.01	39.84 3.31 -0.57

BARRETT_IC_5 23708	36.48 2.70 -3.12	35.44 2.38 -5.06	32.57 2.19 -5.21	27.70 2.02 -1.31	26.92 2.05 -0.45	28.25 2.14 -0.01	30.84 2.39 -0.01	35.81 2.73 -1.74	36.91 3.03 -0.90	38.24 2.90 -0.01	41.82 4.01 -0.01	47.61 4.21 -2.92	48.77 4.53 -1.06	53.44 4.81 -1.97	59.72 5.35 -2.91	90.93 7.01 -19.04	121.83 9.23 -28.70	154.07 8.33 -67.94	131.62 6.44 -62.65	77.91 5.00 -23.40	60.54 4.80 -6.83	54.79 4.30 -4.75	44.01 3.89 -0.01	39.84 3.31 -0.57
BARRETT_IC_6 23709	36.48 2.70 -3.12	35.44 2.38 -5.06	32.57 2.19 -5.21	27.70 2.02 -1.31	26.92 2.05 -0.45	28.25 2.14 -0.01	30.84 2.39 -0.01	35.81 2.73 -1.74	36.91 3.03 -0.90	38.24 2.90 -0.01	41.82 4.01 -0.01	47.61 4.21 -2.92	48.77 4.53 -1.06	53.44 4.81 -1.97	59.72 5.35 -2.91	90.93 7.01 -19.04	121.83 9.23 -28.70	154.07 8.33 -67.94	131.62 6.44 -62.65	77.91 5.00 -23.40	60.54 4.80 -6.83	54.79 4.30 -4.75	44.01 3.89 -0.01	39.84 3.31 -0.57
BARRETT_IC_7 23710	36.47 2.70 -3.11	35.43 2.38 -5.05	32.56 2.19 -5.20	27.68 2.00 -1.31	26.89 2.03 -0.45	28.24 2.14 0.00	30.83 2.39 0.00	35.80 2.73 -1.73	36.90 3.03 -0.89	38.37 3.04 0.00	41.81 4.01 0.00	47.57 4.17 -2.92	48.51 4.27 -1.06	52.97 4.34 -1.97	59.31 4.94 -2.91	90.87 6.94 -19.04	121.83 9.23 -28.70	154.06 8.32 -67.94	131.56 6.38 -62.65	77.77 4.85 -23.40	60.59 4.84 -6.83	54.88 4.39 -4.75	44.05 3.93 0.00	39.51 2.98 -0.57
BARRETT_IC_8 23711	36.48 2.70 -3.12	35.44 2.38 -5.06	32.57 2.19 -5.21	27.70 2.02 -1.31	26.92 2.05 -0.45	28.25 2.14 -0.01	30.84 2.39 -0.01	35.81 2.73 -1.74	36.91 3.03 -0.90	38.24 2.90 -0.01	41.82 4.01 -0.01	47.61 4.21 -2.92	48.77 4.53 -1.06	53.44 4.81 -1.97	59.72 5.35 -2.91	90.93 7.01 -19.04	121.83 9.23 -28.70	154.07 8.33 -67.94	131.62 6.44 -62.65	77.91 5.00 -23.40	60.54 4.80 -6.83	54.79 4.30 -4.75	44.01 3.89 -0.01	39.84 3.31 -0.57
BARRETT_IC_9 23700	36.48 2.70 -3.12	35.44 2.38 -5.06	32.57 2.19 -5.21	27.70 2.02 -1.31	26.92 2.05 -0.45	28.25 2.14 -0.01	30.84 2.39 -0.01	35.81 2.73 -1.74	36.91 3.03 -0.90	38.24 2.90 -0.01	41.82 4.01 -0.01	47.61 4.21 -2.92	48.77 4.53 -1.06	53.44 4.81 -1.97	59.72 5.35 -2.91	90.93 7.01 -19.04	121.83 9.23 -28.70	154.07 8.33 -67.94	131.62 6.44 -62.65	77.91 5.00 -23.40	60.54 4.80 -6.83	54.79 4.30 -4.75	44.01 3.89 -0.01	39.84 3.31 -0.57
BARRETT___1 23545	36.48 2.70 -3.12	35.44 2.38 -5.06	32.57 2.19 -5.21	27.70 2.02 -1.31	26.92 2.05 -0.45	28.25 2.14 -0.01	30.84 2.39 -0.01	35.81 2.73 -1.74	36.91 3.03 -0.90	38.24 2.90 -0.01	41.82 4.01 -0.01	47.61 4.21 -2.92	48.77 4.53 -1.06	53.44 4.81 -1.97	59.72 5.35 -2.91	90.93 7.01 -19.04	121.83 9.23 -28.70	154.07 8.33 -67.94	131.62 6.44 -62.65	77.91 5.00 -23.40	60.54 4.80 -6.83	54.79 4.30 -4.75	44.01 3.89 -0.01	39.84 3.31 -0.57
BARRETT___2 23546	36.48 2.70 -3.12	35.44 2.38 -5.06	32.57 2.19 -5.21	27.70 2.02 -1.31	26.92 2.05 -0.45	28.25 2.14 -0.01	30.84 2.39 -0.01	35.81 2.73 -1.74	36.91 3.03 -0.90	38.24 2.90 -0.01	41.82 4.01 -0.01	47.61 4.21 -2.92	48.77 4.53 -1.06	53.44 4.81 -1.97	59.72 5.35 -2.91	90.93 7.01 -19.04	121.83 9.23 -28.70	154.07 8.33 -67.94	131.62 6.44 -62.65	77.91 5.00 -23.40	60.54 4.80 -6.83	54.79 4.30 -4.75	44.01 3.89 -0.01	39.84 3.31 -0.57
BATAVIA__115KV_TB1 55881	31.31 0.64 0.00	28.28 0.28 0.00	25.42 0.25 0.00	24.68 0.32 0.00	24.63 0.22 0.00	26.57 0.47 0.00	28.75 0.31 0.00	31.28 -0.06 0.00	32.78 -0.20 0.00	35.02 -0.32 0.00	37.46 -0.34 0.00	40.85 0.36 0.00	43.48 0.30 0.00	47.36 0.70 0.00	51.04 -0.41 0.00	60.62 -1.82 2.44	77.92 -2.60 3.38	77.49 -2.26 -1.95	61.35 -1.19 0.00	48.54 -0.94 0.03	48.42 -0.49 0.00	46.01 0.27 0.00	40.36 0.24 0.00	36.82 0.86 0.00
BAYONEEC___CTG1 323682	32.99 2.33 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.30 2.97 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	46.93 4.62 4.35	50.46 5.19 6.19	67.49 7.14 4.53	92.88 9.39 0.41	108.59 8.40 -22.39	83.94 6.44 -14.97	62.21 4.86 -7.84	51.36 4.50 2.05	49.36 3.93 0.31	43.85 3.73 0.00	39.05 3.09 0.00
BAYONEEC___CTG10 323750	32.99 2.33 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.30 2.97 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	46.93 4.62 4.35	50.46 5.19 6.19	67.49 7.14 4.53	92.88 9.39 0.41	108.59 8.40 -22.39	83.94 6.44 -14.97	62.21 4.86 -7.84	51.36 4.50 2.05	49.36 3.93 0.31	43.85 3.73 0.00	39.05 3.09 0.00
BAYONEEC___CTG2 323683	32.99 2.33 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.30 2.97 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	46.93 4.62 4.35	50.46 5.19 6.19	67.49 7.14 4.53	92.88 9.39 0.41	108.59 8.40 -22.39	83.94 6.44 -14.97	62.21 4.86 -7.84	51.36 4.50 2.05	49.36 3.93 0.31	43.85 3.73 0.00	39.05 3.09 0.00
BAYONEEC___CTG3 323684	32.99 2.33 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.30 2.97 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	46.93 4.62 4.35	50.46 5.19 6.19	67.49 7.14 4.53	92.88 9.39 0.41	108.59 8.40 -22.39	83.94 6.44 -14.97	62.21 4.86 -7.84	51.36 4.50 2.05	49.36 3.93 0.31	43.85 3.73 0.00	39.05 3.09 0.00
BAYONEEC___CTG4 323685	32.99 2.33 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.30 2.97 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	46.93 4.62 4.35	50.46 5.19 6.19	67.49 7.14 4.53	92.88 9.39 0.41	108.59 8.40 -22.39	83.94 6.44 -14.97	62.21 4.86 -7.84	51.36 4.50 2.05	49.36 3.93 0.31	43.85 3.73 0.00	39.05 3.09 0.00
BAYONEEC___CTG5 323686	32.99 2.33 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.30 2.97 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	46.93 4.62 4.35	50.46 5.19 6.19	67.49 7.14 4.53	92.88 9.39 0.41	108.59 8.40 -22.39	83.94 6.44 -14.97	62.21 4.86 -7.84	51.36 4.50 2.05	49.36 3.93 0.31	43.85 3.73 0.00	39.05 3.09 0.00
BAYONEEC___CTG6 323687	32.99 2.33 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.30 2.97 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	46.93 4.62 4.35	50.46 5.19 6.19	67.49 7.14 4.53	92.88 9.39 0.41	108.59 8.40 -22.39	83.94 6.44 -14.97	62.21 4.86 -7.84	51.36 4.50 2.05	49.36 3.93 0.31	43.85 3.73 0.00	39.05 3.09 0.00

BAYONEEC___CTG7 323688	32.99 2.33 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.30 2.97 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	46.93 4.62 4.35	50.46 5.19 6.19	67.49 7.14 4.53	92.88 9.39 0.41	108.59 8.40 -22.39	83.94 6.44 -14.97	62.21 4.86 -7.84	51.36 4.50 2.05	49.36 3.93 0.31	43.85 3.73 0.00	39.05 3.09 0.00
BAYONEEC___CTG8 323689	32.99 2.33 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.30 2.97 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	46.93 4.62 4.35	50.46 5.19 6.19	67.49 7.14 4.53	92.88 9.39 0.41	108.59 8.40 -22.39	83.94 6.44 -14.97	62.21 4.86 -7.84	51.36 4.50 2.05	49.36 3.93 0.31	43.85 3.73 0.00	39.05 3.09 0.00
BAYONEEC___CTG9 323749	32.99 2.33 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.30 2.97 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.50 4.32 0.00	46.93 4.62 4.35	50.46 5.19 6.19	67.49 7.14 4.53	92.88 9.39 0.41	108.59 8.40 -22.39	83.94 6.44 -14.97	62.21 4.86 -7.84	51.36 4.50 2.05	49.36 3.93 0.31	43.85 3.73 0.00	39.05 3.09 0.00
BEACON___LESR 323632	31.68 1.01 0.00	28.92 0.92 0.00	26.00 0.83 0.00	25.12 0.76 0.00	25.22 0.80 0.00	26.91 0.81 0.00	29.35 0.91 0.00	32.35 1.00 0.00	34.10 1.12 0.00	36.43 1.10 0.00	39.35 1.55 0.00	42.18 1.70 0.00	44.99 1.81 0.00	48.66 2.00 0.00	53.82 2.37 0.00	23.55 3.18 44.51	9.59 4.28 78.58	1.32 4.12 80.60	5.26 3.19 60.46	63.49 2.43 -11.55	70.41 2.40 -19.10	47.89 2.15 0.00	42.04 1.93 0.00	37.29 1.33 0.00
BEAVER RIVER___HYD 24048	30.11 -0.55 0.00	27.58 -0.42 0.00	24.74 -0.43 0.00	24.05 -0.32 0.00	24.12 -0.29 0.00	26.13 0.03 0.00	28.58 0.14 0.00	31.47 0.13 0.00	32.98 0.00 0.00	35.53 0.04 -0.16	37.73 -0.08 0.00	40.20 -0.28 0.00	42.83 -0.35 0.00	46.43 -0.23 0.00	50.68 -0.36 0.42	59.89 -0.97 4.03	74.33 -2.01 7.55	70.29 -1.48 6.03	59.77 -0.75 2.02	49.22 -0.30 0.00	48.91 0.00 0.00	46.18 0.32 -0.12	40.19 0.04 -0.03	36.18 0.22 0.00
BEEBEE_GT_13 23619	30.88 0.21 0.00	27.97 -0.03 0.00	25.12 -0.05 0.00	24.37 0.00 0.00	24.37 -0.05 0.00	26.18 0.08 0.00	28.41 -0.03 0.00	31.06 -0.28 0.00	32.65 -0.33 0.00	35.05 -0.28 0.00	37.58 -0.23 0.00	40.81 0.32 0.00	43.48 0.30 0.00	47.26 0.61 0.00	51.35 -0.10 0.00	61.80 -0.71 2.37	79.10 -1.09 3.71	78.44 -1.01 -1.66	61.91 -0.63 0.00	48.93 -0.54 0.04	48.62 -0.29 0.00	45.88 0.14 0.00	40.20 0.08 0.00	36.39 0.43 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.46 2.79 0.00	30.35 2.35 0.00	27.34 2.16 0.00	26.24 1.88 0.00	26.34 1.93 0.00	28.03 1.93 0.00	30.66 2.22 0.00	34.04 2.70 0.00	36.11 3.13 0.00	38.92 3.53 -0.06	42.22 4.42 0.00	45.18 4.70 0.00	52.15 5.05 -3.92	71.15 5.13 -19.36	142.83 5.76 -85.61	91.31 8.05 -18.38	101.67 10.57 -7.21	164.99 9.57 -77.63	120.63 7.38 -50.71	70.10 5.40 -15.18	67.89 5.18 -13.79	67.70 4.67 -17.30	46.33 4.41 -1.80	39.16 3.20 0.00
BETHLEHEM___GRP 23843	31.16 0.49 0.00	28.48 0.48 0.00	25.62 0.45 0.00	24.81 0.44 0.00	24.85 0.44 0.00	26.49 0.39 0.00	28.87 0.43 0.00	31.82 0.47 0.00	33.54 0.56 0.00	35.86 0.53 0.00	38.67 0.87 0.00	41.45 0.97 0.00	44.22 1.04 0.00	47.73 1.07 0.00	52.84 1.39 0.00	40.49 1.95 26.34	41.07 2.68 45.51	48.51 2.41 31.70	59.02 1.88 5.39	72.79 1.39 -21.89	69.13 1.37 -18.84	46.93 1.19 0.00	41.28 1.16 0.00	36.46 0.50 0.00
BETHLEHEM___GS1 323560	31.15 0.49 0.00	28.48 0.48 0.00	25.62 0.45 0.00	24.78 0.41 0.00	24.85 0.44 0.00	26.50 0.39 0.00	28.87 0.43 0.00	31.82 0.47 0.00	33.54 0.56 0.00	35.86 0.53 0.00	38.71 0.91 0.00	41.45 0.97 0.00	44.21 1.03 0.00	47.78 1.12 0.00	52.84 1.39 0.00	40.49 1.94 26.34	41.07 2.68 45.51	48.51 2.41 31.70	59.02 1.87 5.39	72.79 1.38 -21.89	69.12 1.37 -18.84	46.93 1.19 0.00	41.24 1.12 0.00	36.61 0.65 0.00
BETHLEHEM___GS2 323561	31.15 0.49 0.00	28.48 0.48 0.00	25.62 0.45 0.00	24.78 0.41 0.00	24.85 0.44 0.00	26.50 0.39 0.00	28.87 0.43 0.00	31.82 0.47 0.00	33.54 0.56 0.00	35.86 0.53 0.00	38.71 0.91 0.00	41.45 0.97 0.00	44.21 1.03 0.00	47.78 1.12 0.00	52.84 1.39 0.00	40.49 1.94 26.34	41.07 2.68 45.51	48.51 2.41 31.70	59.02 1.87 5.39	72.79 1.38 -21.89	69.12 1.37 -18.84	46.93 1.19 0.00	41.24 1.12 0.00	36.61 0.65 0.00
BETHLEHEM___GS3 323562	31.15 0.49 0.00	28.48 0.48 0.00	25.62 0.45 0.00	24.78 0.41 0.00	24.85 0.44 0.00	26.50 0.39 0.00	28.87 0.43 0.00	31.82 0.47 0.00	33.54 0.56 0.00	35.86 0.53 0.00	38.71 0.91 0.00	41.45 0.97 0.00	44.21 1.03 0.00	47.78 1.12 0.00	52.84 1.39 0.00	40.49 1.94 26.34	41.07 2.68 45.51	48.51 2.41 31.70	59.02 1.87 5.39	72.79 1.38 -21.89	69.12 1.37 -18.84	46.93 1.19 0.00	41.24 1.12 0.00	36.61 0.65 0.00
BETHLEHEM___STEEL 23779	30.97 0.31 0.00	27.97 -0.03 0.00	25.15 -0.03 0.00	24.44 0.07 0.00	24.37 -0.05 0.00	26.26 0.16 0.00	28.35 -0.09 0.00	30.72 -0.63 0.00	32.29 -0.69 0.00	34.63 -0.71 0.00	37.20 -0.60 0.00	40.60 0.12 0.00	43.01 -0.17 0.00	46.75 0.09 0.00	50.37 -1.08 0.00	59.13 -3.37 2.38	76.44 -4.45 3.00	77.10 -4.20 -3.50	62.63 -2.25 -2.35	49.72 -1.98 -2.19	48.61 -1.42 -1.12	45.28 -0.46 0.00	39.91 -0.20 0.00	36.46 0.50 0.00
BETHLHEM_115KV_TB1 79974	31.25 0.58 0.00	28.53 0.53 0.00	25.67 0.50 0.00	24.85 0.49 0.00	24.90 0.49 0.00	26.55 0.44 0.00	28.92 0.48 0.00	31.88 0.53 0.00	33.60 0.63 0.00	35.93 0.60 0.00	38.78 0.98 0.00	41.54 1.05 0.00	44.30 1.12 0.00	47.82 1.17 0.00	52.90 1.44 0.00	42.18 2.01 24.71	44.11 2.77 42.56	52.37 2.57 27.99	61.09 1.94 3.38	72.63 1.49 -21.63	68.61 1.47 -18.23	47.02 1.28 0.00	41.36 1.24 0.00	36.53 0.58 0.00
BETHPAGE_CC_5 323564	36.54 2.76 -3.11	35.46 2.41 -5.05	32.59 2.22 -5.21	27.73 2.05 -1.31	26.97 2.10 -0.45	28.27 2.17 0.00	30.89 2.45 0.00	35.83 2.76 -1.73	36.97 3.10 -0.89	38.23 2.90 0.00	41.92 4.12 0.00	48.50 4.45 -3.57	57.26 4.79 -9.29	69.20 5.13 -17.41	83.02 5.81 -25.75	117.21 7.91 -44.41	172.35 10.49 -77.97	194.32 9.41 -107.12	148.84 7.31 -79.00	91.56 5.59 -36.45	60.88 5.13 -6.83	55.07 4.57 -4.75	44.01 3.89 0.00	39.98 3.45 -0.57
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.03 0.37 0.00	28.03 0.03 0.00	25.20 0.03 0.00	24.49 0.12 0.00	24.39 -0.02 0.00	26.29 0.18 0.00	28.41 -0.03 0.00	30.81 -0.53 0.00	32.38 -0.59 0.00	34.73 -0.60 0.00	37.39 -0.42 0.00	40.77 0.28 0.00	43.18 0.00 0.00	46.98 0.33 0.00	50.63 -0.82 0.00	59.29 -3.24 2.35	76.65 -4.28 2.96	77.30 -4.05 -3.55	62.92 -2.00 -2.39	49.90 -1.83 -2.22	48.82 -1.22 -1.13	45.46 -0.27 0.00	40.08 -0.04 0.00	36.57 0.61 0.00

BINGHAMTON___COGEN 23790	31.25 0.58 0.00	28.42 0.42 0.00	25.52 0.35 0.00	24.73 0.37 0.00	24.76 0.34 0.00	26.55 0.44 0.00	28.89 0.46 0.00	31.78 0.44 0.00	33.41 0.43 0.00	35.96 0.49 -0.13	38.48 0.68 0.00	41.50 1.01 0.00	44.17 0.99 0.00	47.82 1.17 0.00	52.54 1.08 0.00	64.91 0.71 0.69	85.19 0.92 -0.37	86.11 0.86 -7.45	71.29 1.13 -7.63	55.03 0.79 -4.72	52.23 0.93 -2.39	46.93 1.10 -0.09	41.10 0.96 -0.03	36.68 0.72 0.00
BIXINCNT_115KV_LOAD 355685	31.03 0.37 0.00	28.08 0.08 0.00	25.25 0.08 0.00	24.49 0.12 0.00	24.32 -0.10 0.00	26.23 0.13 0.00	28.44 0.00 0.00	30.97 -0.38 0.00	32.65 -0.33 0.00	35.05 -0.28 0.00	37.73 -0.08 0.00	41.13 0.65 0.00	43.35 0.17 0.00	47.08 0.42 0.00	50.73 -0.72 0.00	59.16 -3.50 2.22	76.42 -4.70 2.77	77.13 -4.43 -3.77	63.27 -1.81 -2.55	50.25 -1.63 -2.37	49.19 -0.93 -1.21	45.74 0.00 0.00	40.44 0.32 0.00	36.71 0.76 0.00
BLACK RIVER___HYD 24047	30.51 -0.15 0.00	27.89 -0.11 0.00	25.00 -0.17 0.00	24.29 -0.07 0.00	24.34 -0.07 0.00	26.36 0.26 0.00	28.84 0.40 0.00	31.75 0.41 0.00	33.24 0.26 0.00	35.93 0.32 -0.28	38.10 0.30 0.00	40.69 0.20 0.00	43.40 0.22 0.00	47.03 0.37 0.00	51.42 0.26 0.29	62.36 -0.19 2.33	79.49 -1.00 3.41	74.10 -0.46 3.23	61.39 0.25 1.39	50.12 0.60 -0.01	49.74 0.83 0.00	46.95 1.00 -0.21	40.74 0.56 -0.06	36.50 0.54 0.00
BLACKRVR_115KV_TB2 79977	30.51 -0.15 0.00	27.89 -0.11 0.00	24.99 -0.18 0.00	24.29 -0.07 0.00	24.34 -0.07 0.00	26.36 0.26 0.00	28.84 0.40 0.00	31.75 0.41 0.00	33.24 0.26 0.00	35.89 0.28 -0.28	38.10 0.30 0.00	40.69 0.20 0.00	43.40 0.22 0.00	47.08 0.42 0.00	51.42 0.26 0.29	62.36 -0.19 2.33	79.48 -1.01 3.41	74.10 -0.47 3.23	61.48 0.25 1.31	50.07 0.54 -0.01	49.74 0.83 0.00	46.95 1.01 -0.21	40.74 0.56 -0.06	36.47 0.50 0.00
BLISS_WT_PWR 323608	30.97 0.31 0.00	28.06 0.06 0.00	25.22 0.05 0.00	24.49 0.12 0.00	24.29 -0.12 0.00	26.16 0.05 0.00	28.35 -0.09 0.00	30.91 -0.44 0.00	32.58 -0.39 0.00	35.19 -0.14 0.00	37.84 0.04 0.00	41.05 0.57 0.00	43.27 0.09 0.00	46.80 0.14 0.00	50.27 -1.18 0.00	59.03 -3.63 2.22	76.25 -4.87 2.77	76.90 -4.67 -3.77	63.14 -1.94 -2.55	50.65 -1.24 -2.37	49.05 -1.08 -1.21	45.69 -0.05 0.00	40.48 0.36 0.00	36.86 0.90 0.00
BLUESTONE___WT_PWR 323821	32.75 2.09 0.00	29.82 1.82 0.00	26.68 1.51 0.00	25.88 1.51 0.00	25.90 1.49 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.54 2.19 0.00	35.12 2.14 0.00	37.81 2.37 -0.11	40.45 2.65 0.00	43.44 2.95 0.00	46.46 3.28 0.00	50.48 3.83 0.00	55.42 3.96 0.00	68.88 4.54 0.55	90.17 5.78 -0.49	92.75 5.91 -9.04	80.36 5.25 -12.58	60.75 4.11 -7.13	56.62 4.11 -3.60	49.66 3.84 -0.08	43.27 3.13 -0.02	38.66 2.70 0.00
BLUE_CIRC_CHEM_DRP 24182	31.49 0.83 0.00	28.81 0.81 0.00	25.90 0.73 0.00	25.05 0.68 0.00	25.10 0.68 0.00	26.78 0.68 0.00	29.18 0.74 0.00	32.10 0.75 0.00	33.77 0.79 0.00	36.00 0.67 0.00	38.75 0.95 0.00	41.50 1.01 0.00	43.44 0.26 0.00	46.89 0.23 0.00	51.92 0.46 0.00	43.12 0.78 22.54	46.42 1.17 38.65	53.54 1.24 25.50	53.49 1.00 10.04	67.69 0.79 -17.38	65.21 0.83 -15.47	46.52 0.78 0.00	41.76 1.64 0.00	36.96 1.01 0.00
BOC_GAS_DRP 24189	31.37 0.71 0.00	28.64 0.64 0.00	25.77 0.60 0.00	24.93 0.56 0.00	24.98 0.56 0.00	26.68 0.57 0.00	29.07 0.63 0.00	32.03 0.69 0.00	33.74 0.76 0.00	36.11 0.78 0.00	38.94 1.13 0.00	41.70 1.21 0.00	44.43 1.25 0.00	47.96 1.31 0.00	53.05 1.60 0.00	51.35 2.14 15.68	60.62 2.85 26.12	73.00 2.57 7.36	72.35 2.00 -7.81	71.23 1.53 -20.18	65.25 1.52 -14.82	47.11 1.37 0.00	41.48 1.36 0.00	36.75 0.79 0.00
BOONVILLE_115KV_TB1 79983	31.03 0.37 0.00	28.36 0.36 0.00	25.45 0.28 0.00	24.71 0.34 0.00	24.78 0.37 0.00	26.73 0.63 0.00	29.18 0.74 0.00	32.16 0.81 0.00	33.77 0.79 0.00	36.30 0.88 -0.08	38.75 0.95 0.00	41.45 0.97 0.00	44.30 1.12 0.00	48.06 1.40 0.00	52.85 1.49 0.10	65.41 1.49 0.97	83.87 1.51 1.54	78.48 1.71 1.03	63.70 1.63 0.46	50.90 1.39 0.00	50.43 1.52 0.00	47.35 1.56 -0.06	41.30 1.16 -0.02	36.89 0.93 0.00
BORALEX_4TH_BRANCH 23824	32.57 1.90 0.00	29.74 1.74 0.00	26.76 1.59 0.00	25.83 1.46 0.00	25.90 1.49 0.00	27.70 1.59 0.00	30.15 1.71 0.00	33.26 1.91 0.00	34.99 2.01 0.00	37.45 2.12 0.00	40.41 2.61 0.00	43.24 2.75 0.00	46.25 3.07 0.00	50.02 3.36 0.00	55.26 3.81 0.00	87.39 5.06 -17.44	124.75 6.71 -34.14	175.50 6.22 -91.48	219.96 5.00 -152.43	110.32 3.86 -56.94	76.12 3.77 -23.44	49.17 3.43 0.00	42.88 2.77 0.00	37.65 1.69 0.00
BOWLINE___1 23526	32.57 1.90 0.00	29.68 1.68 0.00	26.73 1.56 0.00	25.78 1.41 0.00	25.88 1.46 0.00	27.59 1.49 0.00	30.06 1.62 0.00	33.10 1.75 0.00	34.99 2.01 0.00	37.45 2.12 0.00	40.71 2.91 0.00	43.60 3.12 0.00	46.59 3.41 0.00	50.30 3.64 0.00	55.62 4.17 0.00	73.06 5.71 -2.47	97.77 7.55 -6.32	112.61 6.76 -28.05	95.09 5.19 -27.37	67.98 3.96 -14.51	59.09 3.62 -6.56	48.94 3.20 0.00	43.01 2.89 0.00	38.22 2.27 0.00
BOWLINE___2 23595	32.57 1.90 0.00	29.68 1.68 0.00	26.73 1.56 0.00	25.78 1.41 0.00	25.88 1.46 0.00	27.59 1.49 0.00	30.06 1.62 0.00	33.13 1.79 0.00	35.02 2.05 0.00	37.45 2.12 0.00	40.75 2.95 0.00	43.60 3.12 0.00	46.59 3.41 0.00	50.30 3.64 0.00	55.62 4.17 0.00	73.06 5.71 -2.47	97.77 7.55 -6.32	112.61 6.76 -28.05	95.10 5.19 -27.38	67.99 3.96 -14.51	59.09 3.62 -6.56	48.94 3.20 0.00	43.01 2.89 0.00	38.22 2.27 0.00
BRADY___115KV_TB2 356060	30.24 -0.43 0.00	27.75 -0.25 0.00	24.92 -0.25 0.00	24.17 -0.19 0.00	24.20 -0.22 0.00	25.89 -0.21 0.00	28.30 -0.14 0.00	31.16 -0.19 0.00	32.65 -0.33 0.00	34.98 -0.35 0.00	36.97 -0.83 0.00	38.86 -1.62 0.00	41.28 -1.90 0.00	44.56 -2.10 0.00	47.72 -2.26 1.47	48.03 -2.79 14.07	49.99 -3.69 30.21	49.57 -3.42 24.80	53.22 -2.69 6.63	47.78 -1.73 0.00	47.15 -1.76 0.00	44.09 -1.65 0.00	38.67 -1.44 0.00	35.85 -0.11 0.00
BRANSCOMB___SOLAR 323811	33.03 2.36 0.00	30.19 2.19 0.00	27.08 1.91 0.00	26.15 1.78 0.00	26.22 1.81 0.00	28.03 1.93 0.00	30.23 1.79 0.00	33.26 1.91 0.00	34.86 1.88 0.00	37.17 1.84 0.00	39.99 2.19 0.00	42.91 2.43 0.00	45.86 2.68 0.00	49.65 2.99 0.00	55.00 3.55 0.00	84.58 4.54 -15.15	120.32 6.37 -30.05	175.93 6.30 -91.83	239.70 5.44 -171.72	120.27 4.31 -66.45	82.11 4.31 -28.90	49.67 3.93 0.00	43.16 3.05 0.00	38.26 2.30 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.87 3.10 -3.11	35.77 2.72 -5.05	32.89 2.52 -5.20	28.02 2.34 -1.31	27.24 2.37 -0.45	28.58 2.48 0.00	31.20 2.76 0.00	36.18 3.10 -1.73	37.30 3.43 -0.89	38.58 3.25 0.00	42.07 4.27 0.00	48.26 4.70 -3.08	52.40 5.14 -4.08	59.34 5.04 -7.65	68.53 5.76 -11.31	101.49 8.24 -28.37	141.55 10.82 -46.83	169.96 9.80 -82.36	138.89 7.69 -68.67	83.50 5.79 -28.20	61.08 5.33 -6.83	55.60 5.08 -4.78	44.17 4.05 0.00	39.94 3.42 -0.57

BRISTLHL_115KV_TB1 79998	30.36 -0.31 0.00	27.66 -0.34 0.00	24.84 -0.33 0.00	24.08 -0.29 0.00	24.15 -0.27 0.00	25.82 -0.29 0.00	28.13 -0.31 0.00	31.03 -0.31 0.00	32.58 -0.40 0.00	35.52 -0.42 -0.61	37.42 -0.38 0.00	40.28 -0.20 0.00	42.92 -0.26 0.00	46.47 -0.19 0.00	51.15 -0.31 0.00	66.02 -0.58 -1.72	89.91 -0.76 -6.77	80.31 -0.70 -3.21	62.16 -0.38 0.00	49.19 -0.35 -0.03	48.62 -0.29 0.00	45.96 -0.23 -0.45	40.04 -0.20 -0.13	35.64 -0.32 -0.01
BROOKHAVEN___DRP 24191	36.38 2.61 -3.11	35.32 2.27 -5.05	32.59 2.22 -5.20	27.75 2.07 -1.31	26.97 2.10 -0.45	28.22 2.11 0.00	30.83 2.39 0.00	35.67 2.60 -1.73	36.87 3.00 -0.89	38.16 2.83 0.00	41.73 3.93 0.00	48.00 4.49 -3.03	51.63 4.97 -3.49	58.33 5.13 -6.54	66.89 5.76 -9.67	99.81 8.37 -26.55	138.19 10.99 -43.30	167.39 10.04 -79.56	137.85 7.82 -67.50	82.67 5.89 -27.27	61.12 5.38 -6.83	55.25 4.76 -4.76	43.85 3.73 0.00	39.47 2.95 -0.57
BROOKLYN_NAVY_YARD 23515	32.97 2.30 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.03 1.66 0.00	26.12 1.71 0.00	27.88 1.78 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.30 2.97 0.00	41.73 3.93 0.00	44.61 4.13 0.00	47.59 4.41 0.00	51.37 4.71 0.00	56.81 5.35 0.00	74.91 7.33 -2.70	100.44 9.73 -6.81	115.98 8.63 -29.55	98.08 6.63 -28.92	69.70 5.00 -15.18	60.40 4.65 -6.83	49.76 4.03 0.00	43.93 3.81 0.00	39.05 3.09 0.00
BROOKLYN___ARMY_DRP 323595	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
BROOKVLE_69_KV_TB1 55790	36.84 3.07 -3.11	35.74 2.69 -5.05	32.82 2.44 -5.20	27.92 2.24 -1.31	27.14 2.27 -0.45	28.50 2.40 0.00	31.11 2.67 0.00	36.11 3.04 -1.73	37.33 3.46 -0.89	38.87 3.53 0.00	42.53 4.73 0.00	51.16 5.10 -5.57	79.56 5.44 -30.94	110.39 5.74 -57.99	143.72 6.48 -85.78	184.86 8.89 -111.09	303.03 11.75 -207.39	298.40 10.58 -210.02	192.65 8.19 -121.92	126.50 6.24 -70.75	61.61 5.87 -6.83	55.80 5.31 -4.75	44.77 4.65 0.00	40.12 3.60 -0.57
BROOME_2_LFGE 323671	31.25 0.58 0.00	28.42 0.42 0.00	25.52 0.35 0.00	24.73 0.37 0.00	24.76 0.34 0.00	26.55 0.44 0.00	28.89 0.45 0.00	31.78 0.44 0.00	33.41 0.43 0.00	35.99 0.53 -0.13	38.52 0.72 0.00	41.50 1.01 0.00	44.17 0.99 0.00	47.78 1.12 0.00	52.48 1.03 0.00	64.91 0.72 0.69	85.19 0.92 -0.37	86.11 0.86 -7.46	71.29 1.13 -7.63	55.13 0.89 -4.72	52.23 0.93 -2.39	46.93 1.10 -0.09	41.15 1.00 -0.03	36.86 0.90 0.00
BROOME___LFGE 323600	31.25 0.58 0.00	28.42 0.42 0.00	25.52 0.35 0.00	24.73 0.37 0.00	24.76 0.34 0.00	26.55 0.44 0.00	28.89 0.45 0.00	31.78 0.44 0.00	33.41 0.43 0.00	35.99 0.53 -0.13	38.52 0.72 0.00	41.50 1.01 0.00	44.17 0.99 0.00	47.78 1.12 0.00	52.48 1.03 0.00	64.91 0.72 0.69	85.19 0.92 -0.37	86.11 0.86 -7.46	71.29 1.13 -7.63	55.13 0.89 -4.72	52.23 0.93 -2.39	46.93 1.10 -0.09	41.15 1.00 -0.03	36.86 0.90 0.00
BROWNFLS_115KV_TB_3_5 80003	29.84 -0.83 0.00	27.38 -0.62 0.00	24.57 -0.60 0.00	23.86 -0.51 0.00	23.93 -0.49 0.00	25.79 -0.31 0.00	28.21 -0.23 0.00	31.06 -0.28 0.00	32.58 -0.40 0.00	35.02 -0.42 -0.11	37.16 -0.64 0.00	39.31 -1.17 0.00	41.75 -1.42 0.00	45.21 -1.45 0.00	48.95 -1.70 0.80	54.78 -2.40 7.70	64.42 -3.69 15.79	61.78 -3.19 12.83	56.72 -2.19 3.63	48.13 -1.39 0.00	47.64 -1.27 0.00	44.82 -1.01 -0.08	39.18 -0.96 -0.02	35.82 -0.14 0.00
BROWNSV1_27_KV_LOAD 356125	33.33 2.67 0.00	30.32 2.32 0.00	27.31 2.14 0.00	26.27 1.90 0.00	26.37 1.95 0.00	28.14 2.04 0.00	30.77 2.33 0.00	34.07 2.73 0.00	36.11 3.13 0.00	38.76 3.43 0.00	42.19 4.39 0.00	45.10 4.62 0.00	48.10 4.92 0.00	51.84 5.18 0.00	57.32 5.87 0.00	75.69 8.11 -2.70	101.45 10.74 -6.81	116.99 9.65 -29.55	98.90 7.44 -28.92	70.29 5.60 -15.18	61.03 5.28 -6.83	50.45 4.71 0.00	44.45 4.33 0.00	39.09 3.13 0.00
BURROWS___LYONSDAL 23803	30.79 0.12 0.00	28.17 0.17 0.00	25.27 0.10 0.00	24.54 0.17 0.00	24.63 0.22 0.00	26.62 0.52 0.00	29.09 0.65 0.00	32.03 0.69 0.00	33.60 0.63 0.00	36.14 0.71 -0.10	38.56 0.76 0.00	41.21 0.73 0.00	44.04 0.86 0.00	47.78 1.12 0.00	52.42 1.13 0.16	64.29 1.57 1.57	81.85 0.97 2.72	76.72 0.93 2.01	62.86 1.06 0.74	50.50 0.99 0.00	50.09 1.17 0.00	47.14 1.33 -0.07	41.10 0.96 -0.02	36.75 0.79 0.00
CAITHNESS_CC_1 323624	36.41 2.64 -3.11	35.29 2.24 -5.05	32.56 2.19 -5.20	27.73 2.05 -1.31	26.99 2.12 -0.45	28.19 2.09 0.00	30.80 2.36 0.00	35.64 2.57 -1.73	36.84 2.97 -0.89	37.91 2.58 0.00	41.66 3.86 0.00	47.88 4.37 -3.03	51.44 4.79 -3.47	58.34 5.18 -6.51	66.95 5.86 -9.63	99.50 8.11 -26.51	137.68 10.57 -43.21	166.85 9.57 -79.49	137.51 7.50 -67.48	82.55 5.79 -27.24	60.93 5.18 -6.83	55.02 4.53 -4.76	43.73 3.61 0.00	39.72 3.20 -0.57
CALPINE BETH_PAGE_GT4 24209	36.54 2.76 -3.11	35.46 2.41 -5.05	32.59 2.22 -5.20	27.70 2.02 -1.31	26.92 2.05 -0.45	28.27 2.17 0.00	30.86 2.42 0.00	35.83 2.76 -1.73	36.97 3.10 -0.89	38.41 3.07 0.00	41.96 4.16 0.00	48.70 4.41 -3.81	59.73 4.71 -11.84	73.75 4.90 -22.20	89.90 5.61 -32.83	125.01 7.85 -52.27	187.53 10.40 -93.23	206.46 9.41 -119.25	153.91 7.32 -84.06	95.55 5.55 -40.49	60.88 5.14 -6.83	55.11 4.62 -4.75	44.01 3.89 0.00	39.69 3.16 -0.57
CALPINE_BETH_PAGE_GT_4 323586	36.54 2.76 -3.11	35.46 2.41 -5.05	32.59 2.22 -5.21	27.70 2.02 -1.31	26.94 2.07 -0.45	28.27 2.17 0.00	30.86 2.42 0.00	35.83 2.76 -1.73	36.97 3.10 -0.89	38.23 2.90 0.00	41.96 4.16 0.00	48.70 4.41 -3.81	59.81 4.79 -11.84	73.94 5.09 -22.20	90.10 5.81 -32.83	125.07 7.91 -52.27	187.53 10.40 -93.23	206.46 9.41 -119.25	153.90 7.31 -84.06	95.55 5.54 -40.49	60.83 5.09 -6.83	55.07 4.57 -4.75	44.01 3.89 0.00	40.01 3.49 -0.57
CALPINE_BP_GT1 23823	36.54 2.76 -3.11	35.46 2.41 -5.05	32.59 2.22 -5.21	27.70 2.02 -1.31	26.94 2.07 -0.45	28.27 2.17 0.00	30.86 2.42 0.00	35.83 2.76 -1.73	36.97 3.10 -0.89	38.23 2.90 0.00	41.96 4.16 0.00	48.70 4.41 -3.81	59.81 4.79 -11.84	73.94 5.09 -22.20	90.10 5.81 -32.83	125.07 7.91 -52.27	187.53 10.40 -93.23	206.46 9.41 -119.25	153.90 7.31 -84.06	95.55 5.54 -40.49	60.83 5.09 -6.83	55.07 4.57 -4.75	44.01 3.89 0.00	40.01 3.49 -0.57
CALSPAN___DRP 24200	30.97 0.31 0.00	27.97 -0.03 0.00	25.15 -0.03 0.00	24.44 0.07 0.00	24.37 -0.05 0.00	26.26 0.16 0.00	28.35 -0.09 0.00	30.72 -0.63 0.00	32.29 -0.69 0.00	34.63 -0.71 0.00	37.20 -0.60 0.00	40.60 0.12 0.00	43.01 -0.17 0.00	46.75 0.09 0.00	50.37 -1.08 0.00	59.13 -3.37 2.38	76.44 -4.45 3.00	77.10 -4.20 -3.50	62.63 -2.25 -2.35	49.72 -1.98 -2.19	48.61 -1.42 -1.12	45.28 -0.46 0.00	39.91 -0.20 0.00	36.46 0.50 0.00

CALVERTON___SOLAR 323806	36.50 2.73 -3.11	35.38 2.32 -5.05	32.64 2.27 -5.20	27.80 2.12 -1.31	27.07 2.20 -0.45	28.27 2.17 0.00	30.91 2.47 0.00	35.74 2.66 -1.73	36.97 3.10 -0.89	38.05 2.72 0.00	41.89 4.08 0.00	48.20 4.69 -3.03	51.81 5.14 -3.49	58.75 5.55 -6.54	67.46 6.33 -9.68	100.15 8.70 -26.57	138.63 11.41 -43.33	167.80 10.43 -79.58	138.24 8.19 -67.51	83.03 6.24 -27.27	61.32 5.57 -6.83	55.39 4.90 -4.76	43.93 3.81 0.00	39.90 3.38 -0.57
CANDIGU_WT_PWR 323617	31.22 0.55 0.00	28.28 0.28 0.00	25.42 0.25 0.00	24.68 0.32 0.00	24.63 0.22 0.00	26.47 0.37 0.00	28.72 0.28 0.00	31.41 0.06 0.00	32.91 -0.07 0.00	35.48 0.07 0.00	37.95 0.15 0.00	41.05 0.57 0.00	43.52 0.34 0.00	46.94 0.28 0.00	51.04 -0.41 0.00	61.58 -1.69 1.61	80.23 -2.18 1.48	80.78 -1.94 -4.93	65.17 -0.56 -3.21	52.17 -0.34 -3.00	50.29 -0.15 -1.52	46.34 0.55 -0.05	40.81 0.68 -0.01	36.93 0.97 0.00
CARR STREET_E_SYR 24060	30.57 -0.09 0.00	27.86 -0.14 0.00	25.02 -0.15 0.00	24.25 -0.12 0.00	24.27 -0.15 0.00	25.97 -0.13 0.00	28.33 -0.11 0.00	31.22 -0.12 0.00	32.81 -0.16 0.00	35.38 -0.14 0.00	37.69 -0.11 0.00	40.56 0.08 0.00	43.22 0.04 0.00	46.84 0.19 0.00	51.51 0.05 0.00	63.75 -0.13 1.01	83.31 -0.25 0.33	79.43 -0.23 -1.87	62.53 0.00 0.00	49.40 -0.10 0.02	48.86 -0.05 0.00	45.87 0.00 -0.13	40.11 -0.04 -0.04	36.00 0.04 0.00
CARTHAGE___PAPER 23857	30.24 -0.43 0.00	27.66 -0.33 0.00	24.82 -0.35 0.00	24.12 -0.24 0.00	24.19 -0.22 0.00	26.21 0.10 0.00	28.67 0.23 0.00	31.57 0.22 0.00	33.08 0.10 0.00	35.64 0.07 -0.23	37.80 0.00 0.00	40.28 -0.20 0.00	42.92 -0.26 0.00	46.52 -0.14 0.00	50.86 -0.26 0.34	60.78 -0.85 3.26	76.60 -1.85 5.45	72.32 -1.16 4.31	60.46 -0.43 1.64	49.56 0.05 0.00	49.21 0.30 0.00	46.50 0.59 -0.17	40.37 0.20 -0.05	36.28 0.32 0.00
CASSADAGA_WT_PWR 323784	31.65 0.98 0.00	28.53 0.53 0.00	25.40 0.23 0.00	24.68 0.32 0.00	24.59 0.17 0.00	26.55 0.44 0.00	28.69 0.26 0.00	31.25 -0.09 0.00	33.01 0.03 0.00	35.76 0.43 0.00	38.52 0.72 0.00	41.90 1.42 0.00	44.13 0.95 0.00	47.64 0.98 0.00	51.20 -0.26 0.00	60.55 -2.08 2.25	78.23 -2.85 2.82	78.87 -2.65 -3.72	64.48 -0.56 -2.51	51.56 -0.30 -2.34	50.11 0.00 -1.19	46.88 1.14 0.00	41.40 1.28 0.00	37.72 1.76 0.00
CE_DUNWOOD___DRP 24194	32.81 2.15 0.00	29.88 1.88 0.00	26.91 1.74 0.00	25.93 1.56 0.00	26.00 1.59 0.00	27.77 1.67 0.00	30.32 1.88 0.00	33.51 2.16 0.00	35.42 2.44 0.00	37.95 2.61 0.00	41.24 3.44 0.00	44.17 3.68 0.00	47.15 3.97 0.00	50.81 4.15 0.00	56.24 4.79 0.00	74.19 6.62 -2.69	99.41 8.73 -6.79	115.12 7.86 -29.46	97.44 6.07 -28.84	69.26 4.60 -15.14	60.03 4.30 -6.82	49.58 3.84 0.00	43.53 3.41 0.00	38.37 2.41 0.00
CE_MILLWOOD___DRP 24193	32.75 2.09 0.00	29.82 1.82 0.00	26.86 1.69 0.00	25.88 1.51 0.00	25.95 1.54 0.00	27.72 1.62 0.00	30.26 1.82 0.00	33.41 2.07 0.00	35.32 2.34 0.00	37.84 2.51 0.00	41.13 3.33 0.00	44.01 3.52 0.00	47.02 3.84 0.00	50.67 4.01 0.00	56.09 4.63 0.00	73.91 6.36 -2.66	99.11 8.47 -6.74	114.71 7.62 -29.29	97.08 5.88 -28.66	69.03 4.46 -15.06	59.90 4.21 -6.78	49.44 3.70 0.00	43.40 3.29 0.00	38.22 2.27 0.00
CE_NYC2_DRP 24202	33.09 2.42 0.00	30.07 2.07 0.00	27.11 1.94 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.88 1.77 0.00	30.49 2.05 0.00	33.79 2.44 0.00	35.81 2.84 0.00	38.48 3.14 0.00	41.77 3.97 0.00	44.65 4.17 0.00	47.58 4.40 0.00	51.14 4.48 0.00	56.50 5.04 0.00	74.65 7.07 -2.70	100.02 9.31 -6.81	115.74 8.40 -29.54	86.51 6.44 -17.54	69.40 4.70 -15.18	58.40 4.40 -5.09	49.72 3.98 0.00	43.97 3.85 0.00	38.69 2.73 0.00
CE_NYC_DRP 24195	33.03 2.36 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.07 1.71 0.00	26.15 1.73 0.00	27.93 1.83 0.00	30.52 2.08 0.00	33.79 2.44 0.00	35.78 2.80 0.00	38.41 3.07 0.00	41.77 3.97 0.00	44.69 4.21 0.00	47.63 4.45 0.00	51.32 4.67 0.00	56.76 5.30 0.00	74.98 7.40 -2.70	100.44 9.73 -6.82	116.06 8.71 -29.55	98.08 6.63 -28.92	69.70 5.00 -15.18	60.44 4.70 -6.83	49.90 4.16 0.00	44.01 3.89 0.00	38.73 2.77 0.00
CHAFFEE___LFGE 323603	31.03 0.37 0.00	28.03 0.03 0.00	25.20 0.03 0.00	24.51 0.15 0.00	24.44 0.02 0.00	26.31 0.21 0.00	28.47 0.03 0.00	30.88 -0.47 0.00	32.42 -0.56 0.00	34.95 -0.39 0.00	37.58 -0.23 0.00	40.85 0.36 0.00	43.22 0.04 0.00	46.75 0.09 0.00	50.37 -1.08 0.00	59.54 -3.05 2.30	76.90 -4.11 2.89	77.62 -3.81 -3.64	63.04 -1.94 -2.45	50.31 -1.48 -2.28	48.86 -1.22 -1.16	45.51 -0.23 0.00	40.16 0.04 0.00	36.71 0.76 0.00
CHATEAUG_35_KV_LOAD 355732	30.17 -0.49 0.00	27.80 -0.20 0.00	24.97 -0.20 0.00	24.25 -0.12 0.00	24.32 -0.10 0.00	26.00 -0.10 0.00	28.38 -0.06 0.00	31.31 -0.03 0.00	32.85 -0.13 0.00	35.23 -0.11 0.00	37.39 -0.42 0.00	39.67 -0.81 0.00	42.10 -1.08 0.00	45.30 -1.35 0.00	47.93 -1.96 1.57	47.49 -2.34 15.06	48.37 -3.19 32.34	48.22 -3.03 26.54	53.00 -2.44 7.09	48.13 -1.39 0.00	47.25 -1.66 0.00	44.50 -1.23 0.00	39.43 -0.68 0.00	36.03 0.07 0.00
CHATEAUG_WT_PWR 323614	30.14 -0.52 0.00	27.77 -0.22 0.00	24.94 -0.23 0.00	24.22 -0.15 0.00	24.29 -0.12 0.00	25.97 -0.13 0.00	28.33 -0.11 0.00	31.28 -0.06 0.00	32.85 -0.13 0.00	35.26 -0.07 0.00	37.42 -0.38 0.00	39.79 -0.69 0.00	42.19 -0.99 0.00	44.93 -1.73 0.00	48.00 -1.85 1.61	47.24 -2.21 15.43	47.56 -3.19 33.14	47.56 -3.04 27.20	52.86 -2.44 7.24	47.73 -1.78 0.00	47.45 -1.47 0.00	45.01 -0.73 0.00	39.43 -0.68 0.00	35.71 -0.25 0.00
CHAT_HIGH_FALL_HYD 323578	30.17 -0.49 0.00	27.80 -0.20 0.00	24.97 -0.20 0.00	24.25 -0.12 0.00	24.32 -0.10 0.00	26.00 -0.10 0.00	28.38 -0.06 0.00	31.31 -0.03 0.00	32.85 -0.13 0.00	35.23 -0.11 0.00	37.39 -0.42 0.00	39.67 -0.81 0.00	42.10 -1.08 0.00	45.30 -1.35 0.00	47.93 -1.96 1.57	47.49 -2.34 15.06	48.37 -3.19 32.34	48.22 -3.03 26.54	53.00 -2.44 7.09	48.13 -1.39 0.00	47.25 -1.66 0.00	44.50 -1.23 0.00	39.43 -0.68 0.00	36.03 0.07 0.00
CHAUTAUQUA___LFGE 323629	31.40 0.73 0.00	28.34 0.34 0.00	25.37 0.20 0.00	24.68 0.32 0.00	24.59 0.17 0.00	26.50 0.39 0.00	28.64 0.20 0.00	31.16 -0.19 0.00	32.78 -0.20 0.00	35.44 0.11 0.00	38.10 0.30 0.00	41.45 0.97 0.00	43.78 0.60 0.00	47.26 0.60 0.00	50.94 -0.51 0.00	60.31 -2.27 2.30	77.99 -3.02 2.89	78.55 -2.88 -3.64	63.92 -1.06 -2.45	51.05 -0.74 -2.28	49.64 -0.44 -1.16	46.33 0.59 0.00	40.88 0.76 0.00	37.29 1.33 0.00
CHERRYST_13_KV_LD 356241	33.15 2.48 0.00	30.16 2.16 0.00	27.16 1.99 0.00	26.15 1.78 0.00	26.25 1.83 0.00	28.03 1.93 0.00	30.63 2.19 0.00	33.95 2.60 0.00	35.95 2.97 0.00	38.58 3.25 0.00	42.00 4.20 0.00	44.94 4.45 0.00	47.93 4.75 0.00	51.60 4.95 0.00	57.06 5.61 0.00	75.37 7.79 -2.70	100.95 10.24 -6.82	116.53 9.18 -29.55	98.46 7.00 -28.92	69.95 5.25 -15.18	60.69 4.94 -6.83	50.13 4.39 0.00	44.17 4.05 0.00	38.87 2.91 0.00

CHESTROR_138KV_BK263 355645	32.35 1.69 0.00	29.48 1.48 0.00	26.53 1.36 0.00	25.61 1.24 0.00	25.68 1.27 0.00	27.43 1.33 0.00	29.89 1.45 0.00	32.94 1.60 0.00	34.79 1.81 0.00	37.28 1.94 0.00	40.45 2.65 0.00	43.32 2.83 0.00	46.29 3.11 0.00	49.88 3.22 0.00	55.21 3.76 0.00	72.15 5.13 -2.14	96.31 6.80 -5.62	109.92 6.15 -25.98	92.54 4.75 -25.26	66.72 3.61 -13.59	58.54 3.42 -6.20	48.76 3.02 0.00	42.76 2.65 0.00	37.76 1.80 0.00
CH_MIDHUDSON___DRP 24192	32.69 2.02 0.00	29.76 1.76 0.00	26.78 1.61 0.00	25.85 1.49 0.00	25.93 1.51 0.00	27.70 1.59 0.00	30.17 1.73 0.00	33.29 1.94 0.00	35.19 2.21 0.00	37.74 2.40 0.00	40.94 3.14 0.00	43.84 3.36 0.00	46.89 3.71 0.00	50.58 3.92 0.00	55.98 4.53 0.00	73.32 6.23 -2.20	98.07 8.22 -5.95	114.10 7.47 -28.84	96.77 5.82 -28.42	69.35 4.41 -15.43	60.18 4.16 -7.11	49.40 3.66 0.00	43.28 3.17 0.00	38.11 2.16 0.00
CH_MISC_IPPS 23765	32.87 2.21 0.00	29.93 1.93 0.00	26.93 1.76 0.00	26.00 1.63 0.00	26.10 1.68 0.00	27.83 1.72 0.00	30.35 1.91 0.00	33.41 2.07 0.00	35.35 2.38 0.00	37.91 2.58 0.00	41.24 3.44 0.00	44.17 3.68 0.00	47.28 4.10 0.00	51.04 4.38 0.00	56.55 5.10 0.00	73.75 6.87 -1.99	98.56 9.15 -5.52	113.77 8.24 -27.73	96.19 6.44 -27.21	69.41 4.95 -14.95	60.45 4.60 -6.94	49.67 3.93 0.00	43.57 3.45 0.00	38.62 2.66 0.00
CH_RES_BVR_FALLS 23983	30.17 -0.49 0.00	27.63 -0.36 0.00	24.87 -0.30 0.00	24.08 -0.29 0.00	24.12 -0.29 0.00	25.58 -0.52 0.00	27.90 -0.54 0.00	30.81 -0.53 0.00	32.45 -0.53 0.00	34.77 -0.57 0.00	36.93 -0.87 0.00	39.39 -1.09 0.00	41.89 -1.29 0.00	45.07 -1.59 0.00	47.19 -1.75 0.00	38.54 -2.21 24.14	29.29 -2.77 51.84	32.75 -2.49 42.55	49.21 -2.00 11.31	48.03 -1.48 0.00	47.54 -1.37 0.00	44.51 -1.23 0.00	39.07 -1.04 0.00	35.27 -0.68 0.00
CH_RES_NIAGARA 23895	29.84 -0.83 0.00	26.96 -1.04 0.00	24.26 -0.91 0.00	23.59 -0.78 0.00	23.54 -0.88 0.00	25.35 -0.76 0.00	27.33 -1.11 0.00	29.40 -1.94 0.00	30.83 -2.14 0.00	33.04 -2.30 0.00	35.46 -2.34 0.00	38.66 -1.82 0.00	40.93 -2.25 0.00	44.56 -2.10 0.00	47.85 -3.60 0.00	56.22 -6.10 2.57	72.57 -8.05 3.27	73.53 -7.47 -3.20	59.17 -5.50 -2.13	47.19 -4.31 -1.98	46.26 -3.67 -1.02	43.13 -2.61 0.00	38.11 -2.01 0.00	35.06 -0.90 0.00
CH_RES_SYRACUSE 23985	30.76 0.09 0.00	28.03 0.03 0.00	25.17 0.00 0.00	24.37 0.00 0.00	24.42 0.00 0.00	26.13 0.03 0.00	28.50 0.06 0.00	31.44 0.09 0.00	33.01 0.03 0.00	35.74 0.07 -0.34	37.99 0.19 0.00	40.89 0.40 0.00	43.57 0.39 0.00	47.17 0.51 0.00	51.92 0.46 0.00	65.34 0.46 0.00	86.70 0.51 -2.29	80.82 0.47 -2.56	63.09 0.56 0.00	49.86 0.35 0.00	49.26 0.34 0.00	46.35 0.36 -0.25	40.51 0.32 -0.07	36.22 0.25 -0.01
CLINTON_WT_PWR 323605	30.14 -0.52 0.00	27.77 -0.22 0.00	24.94 -0.23 0.00	24.22 -0.15 0.00	24.29 -0.12 0.00	25.97 -0.13 0.00	28.33 -0.11 0.00	31.28 -0.06 0.00	32.85 -0.13 0.00	35.26 -0.07 0.00	37.42 -0.38 0.00	39.79 -0.69 0.00	42.19 -0.99 0.00	44.93 -1.73 0.00	48.00 -1.85 1.61	47.24 -2.21 15.43	47.56 -3.19 33.14	47.56 -3.04 27.20	52.86 -2.44 7.24	47.73 -1.78 0.00	47.45 -1.47 0.00	45.01 -0.73 0.00	39.43 -0.68 0.00	35.71 -0.25 0.00
CLINTON___LFGE 323618	30.91 0.24 0.00	28.50 0.50 0.00	25.60 0.43 0.00	24.85 0.49 0.00	24.90 0.49 0.00	26.68 0.57 0.00	29.15 0.71 0.00	32.22 0.88 0.00	33.74 0.76 0.00	36.22 0.88 0.00	38.40 0.60 0.00	40.93 0.45 0.00	43.40 0.22 0.00	45.77 -0.89 0.00	48.83 -1.03 1.60	48.36 -1.23 15.29	49.13 -1.93 32.84	48.90 -1.94 26.96	53.60 -1.75 7.18	48.43 -1.09 0.00	48.33 -0.58 0.00	46.38 0.64 0.00	40.56 0.44 0.00	36.68 0.72 0.00
COBBLENY_34_KV_TB1 80064	31.03 0.37 0.00	28.03 0.03 0.00	25.20 0.03 0.00	24.49 0.12 0.00	24.42 0.00 0.00	26.31 0.21 0.00	28.47 0.03 0.00	30.87 -0.47 0.00	32.42 -0.56 0.00	34.77 -0.57 0.00	37.42 -0.38 0.00	40.85 0.36 0.00	43.22 0.04 0.00	47.03 0.37 0.00	50.68 -0.77 0.00	59.54 -3.05 2.30	76.90 -4.11 2.89	77.62 -3.81 -3.64	63.04 -1.94 -2.45	50.01 -1.78 -2.28	48.90 -1.17 -1.16	45.51 -0.23 0.00	40.12 0.00 0.00	36.57 0.61 0.00
COFFEEN___115KV_TB3 355620	30.79 0.12 0.00	28.11 0.11 0.00	25.17 0.00 0.00	24.46 0.10 0.00	24.51 0.10 0.00	26.55 0.44 0.00	29.07 0.63 0.00	31.97 0.63 0.00	33.47 0.49 0.00	36.19 0.57 -0.29	38.41 0.60 0.00	40.97 0.49 0.00	43.70 0.52 0.00	47.45 0.79 0.00	51.79 0.62 0.28	62.92 0.26 2.23	80.34 -0.42 3.14	74.99 0.23 3.04	62.14 0.88 1.27	50.61 1.09 -0.01	50.33 1.42 0.00	47.46 1.51 -0.21	41.10 0.92 -0.06	36.79 0.83 0.00
COLDSPRG_115KV_BK1 355956	31.74 1.07 0.00	28.62 0.62 0.00	25.62 0.45 0.00	24.88 0.51 0.00	24.78 0.37 0.00	26.81 0.70 0.00	29.04 0.60 0.00	31.72 0.38 0.00	33.44 0.46 0.00	35.97 0.64 0.00	38.75 0.95 0.00	42.35 1.86 0.00	44.52 1.34 0.00	48.29 1.63 0.00	52.12 0.67 0.00	60.90 -1.82 2.17	78.68 -2.52 2.70	79.24 -2.41 -3.85	64.95 -0.19 -2.61	51.40 -0.54 -2.43	50.35 0.20 -1.24	46.97 1.23 0.00	41.48 1.36 0.00	37.58 1.62 0.00
COLONIE_LFGE___ 323577	32.23 1.56 0.00	29.43 1.43 0.00	26.45 1.28 0.00	25.56 1.19 0.00	25.64 1.22 0.00	27.38 1.28 0.00	29.75 1.31 0.00	32.82 1.47 0.00	34.53 1.55 0.00	36.89 1.55 0.00	39.77 1.96 0.00	42.63 2.14 0.00	45.55 2.37 0.00	49.27 2.61 0.00	54.49 3.04 0.00	89.14 3.89 -20.36	128.69 5.29 -39.51	185.76 4.98 -102.98	242.30 4.06 -175.71	117.26 3.17 -64.57	78.40 3.08 -26.41	48.53 2.79 0.00	42.40 2.29 0.00	37.58 1.62 0.00
COOPERNY_115KV_TB1 80082	31.92 1.26 0.00	29.09 1.09 0.00	26.15 0.98 0.00	25.27 0.90 0.00	25.32 0.90 0.00	27.07 0.97 0.00	29.52 1.08 0.00	32.54 1.19 0.00	34.30 1.32 0.00	36.78 1.45 0.00	39.73 1.93 0.00	42.55 2.06 0.00	45.47 2.29 0.00	49.08 2.43 0.00	54.23 2.78 0.00	68.57 3.70 0.01	90.05 4.87 -1.29	97.41 4.43 -15.18	80.12 3.44 -14.15	61.46 2.62 -9.33	56.15 2.54 -4.70	47.98 2.24 0.00	42.08 1.97 0.00	37.29 1.33 0.00
COPENHAGEN_WT_PWR 323753	30.51 -0.15 0.00	27.86 -0.14 0.00	24.97 -0.20 0.00	24.27 -0.10 0.00	24.32 -0.10 0.00	26.29 0.18 0.00	28.75 0.31 0.00	31.66 0.31 0.00	33.18 0.20 0.00	35.88 0.25 -0.30	38.03 0.23 0.00	40.65 0.16 0.00	43.35 0.17 0.00	46.99 0.33 0.00	51.35 0.15 0.26	62.59 -0.26 2.04	80.14 -1.09 2.66	74.56 -0.54 2.70	61.38 0.13 1.27	49.97 0.44 -0.01	49.60 0.68 0.00	46.83 0.87 -0.22	40.66 0.48 -0.06	36.43 0.47 -0.01
CORNELL_____ 23752	31.52 0.86 0.00	28.70 0.70 0.00	25.77 0.60 0.00	24.95 0.58 0.00	25.00 0.59 0.00	26.81 0.70 0.00	29.26 0.82 0.00	32.22 0.88 0.00	33.80 0.82 0.00	36.33 0.81 -0.18	38.75 0.95 0.00	41.74 1.25 0.00	44.47 1.30 0.00	48.24 1.59 0.00	53.10 1.65 0.00	65.91 1.69 0.66	86.62 2.18 -0.54	85.54 2.26 -5.49	70.12 2.31 -5.27	54.49 1.73 -3.24	52.41 1.86 -1.64	47.70 1.83 -0.13	41.60 1.44 -0.04	37.11 1.15 0.00

CORONA V_69_KV_TB1 355595	36.75 2.97 -3.11	35.66 2.60 -5.05	32.74 2.37 -5.20	27.85 2.17 -1.31	27.04 2.17 -0.45	28.40 2.30 0.00	31.00 2.56 0.00	35.99 2.92 -1.73	37.13 3.26 -0.89	38.65 3.32 0.00	42.22 4.42 0.00	49.41 4.82 -4.11	63.48 5.10 -15.20	80.33 5.18 -28.49	99.47 5.87 -42.15	135.55 8.05 -62.62	207.96 10.74 -113.32	222.74 9.72 -135.23	160.82 7.57 -90.72	101.08 5.74 -45.82	61.37 5.62 -6.83	55.66 5.17 -4.75	44.57 4.45 0.00	39.94 3.42 -0.57
CORTLAND_115KV_TB3 80093	31.25 0.58 0.00	28.45 0.45 0.00	25.55 0.38 0.00	24.73 0.37 0.00	24.78 0.37 0.00	26.57 0.47 0.00	28.98 0.54 0.00	31.91 0.56 0.00	33.51 0.53 0.00	36.09 0.57 -0.19	38.52 0.72 0.00	41.45 0.97 0.00	44.22 1.04 0.00	47.92 1.26 0.00	52.69 1.23 0.00	65.55 1.23 0.57	86.11 1.59 -0.62	83.82 1.56 -4.47	66.68 1.56 -2.59	53.13 1.19 -2.43	51.41 1.27 -1.23	47.16 1.28 -0.14	41.20 1.04 -0.04	36.72 0.76 0.00
COXSACKIE__GT 23611	32.57 1.90 0.00	29.71 1.71 0.00	26.71 1.54 0.00	25.90 1.54 0.00	25.95 1.54 0.00	27.67 1.57 0.00	30.12 1.68 0.00	32.91 1.57 0.00	34.63 1.65 0.00	36.85 1.52 0.00	39.77 1.96 0.00	42.67 2.18 0.00	45.55 2.37 0.00	49.27 2.61 0.00	54.70 3.24 0.00	46.60 4.87 23.15	50.75 6.71 39.86	55.57 6.76 28.99	52.33 5.75 15.95	68.88 4.26 -15.10	67.53 4.11 -14.51	49.40 3.66 0.00	43.49 3.37 0.00	38.44 2.48 0.00
CPV_VALLEY__CC1 323721	32.11 1.44 0.00	29.26 1.26 0.00	26.33 1.16 0.00	25.41 1.05 0.00	25.49 1.07 0.00	27.22 1.12 0.00	29.66 1.22 0.00	32.69 1.35 0.00	34.53 1.55 0.00	36.96 1.63 0.00	40.11 2.31 0.00	42.91 2.43 0.00	45.86 2.68 0.00	49.50 2.85 0.00	54.75 3.30 0.00	71.11 4.41 -1.82	94.65 5.87 -4.88	106.39 5.29 -23.30	89.14 4.06 -22.55	64.92 3.12 -12.28	57.43 2.89 -5.64	48.25 2.51 0.00	42.36 2.25 0.00	37.72 1.76 0.00
CPV_VALLEY__CC2 323722	32.11 1.44 0.00	29.26 1.26 0.00	26.33 1.16 0.00	25.41 1.05 0.00	25.49 1.07 0.00	27.22 1.12 0.00	29.66 1.22 0.00	32.69 1.35 0.00	34.53 1.55 0.00	36.96 1.63 0.00	40.11 2.31 0.00	42.91 2.43 0.00	45.86 2.68 0.00	49.50 2.85 0.00	54.75 3.30 0.00	71.11 4.41 -1.82	94.65 5.87 -4.88	106.39 5.29 -23.30	89.14 4.06 -22.55	64.92 3.12 -12.28	57.43 2.89 -5.64	48.25 2.51 0.00	42.36 2.25 0.00	37.72 1.76 0.00
CRESCENT__HYD 24018	32.23 1.56 0.00	29.43 1.43 0.00	26.45 1.28 0.00	25.56 1.19 0.00	25.64 1.22 0.00	27.38 1.28 0.00	29.75 1.31 0.00	32.82 1.47 0.00	34.53 1.55 0.00	36.89 1.55 0.00	39.77 1.96 0.00	42.63 2.14 0.00	45.55 2.37 0.00	49.27 2.61 0.00	54.49 3.04 0.00	89.14 3.89 -20.36	128.69 5.29 -39.51	185.76 4.98 -102.98	242.30 4.06 -175.71	117.26 3.17 -64.57	78.40 3.08 -26.41	48.53 2.79 0.00	42.40 2.29 0.00	37.58 1.62 0.00
CRICKET__VALLEY_CC1 323756	32.44 1.78 0.00	29.57 1.57 0.00	26.63 1.46 0.00	25.68 1.31 0.00	25.78 1.37 0.00	27.51 1.41 0.00	29.97 1.53 0.00	33.10 1.75 0.00	34.96 1.98 0.00	37.38 2.05 0.00	40.56 2.76 0.00	43.40 2.92 0.00	46.37 3.20 0.00	50.11 3.45 0.00	55.42 3.96 0.00	73.99 5.32 -3.78	99.85 7.05 -8.91	118.53 6.38 -34.35	102.95 4.94 -35.48	70.80 3.81 -17.47	60.14 3.57 -7.66	48.85 3.11 0.00	42.88 2.77 0.00	37.97 2.01 0.00
CRICKET__VALLEY_CC2 323757	32.44 1.78 0.00	29.57 1.57 0.00	26.63 1.46 0.00	25.68 1.31 0.00	25.78 1.37 0.00	27.51 1.41 0.00	29.97 1.53 0.00	33.10 1.75 0.00	34.96 1.98 0.00	37.38 2.05 0.00	40.56 2.76 0.00	43.40 2.92 0.00	46.37 3.20 0.00	50.11 3.45 0.00	55.42 3.96 0.00	73.99 5.32 -3.78	99.85 7.05 -8.91	118.53 6.38 -34.35	102.95 4.94 -35.48	70.80 3.81 -17.47	60.14 3.57 -7.66	48.85 3.11 0.00	42.88 2.77 0.00	37.97 2.01 0.00
CRICKET__VALLEY_CC3 323758	32.44 1.78 0.00	29.57 1.57 0.00	26.63 1.46 0.00	25.68 1.31 0.00	25.78 1.37 0.00	27.51 1.41 0.00	29.97 1.53 0.00	33.10 1.75 0.00	34.96 1.98 0.00	37.38 2.05 0.00	40.56 2.76 0.00	43.40 2.92 0.00	46.37 3.20 0.00	50.11 3.45 0.00	55.42 3.96 0.00	73.99 5.32 -3.78	99.85 7.05 -8.91	118.53 6.38 -34.35	102.95 4.94 -35.48	70.80 3.81 -17.47	60.14 3.57 -7.66	48.85 3.11 0.00	42.88 2.77 0.00	37.97 2.01 0.00
CRUCIBLE_METL_DRP 24180	30.76 0.09 0.00	28.03 0.03 0.00	25.17 0.00 0.00	24.37 0.00 0.00	24.44 0.02 0.00	26.13 0.03 0.00	28.50 0.06 0.00	31.44 0.09 0.00	33.01 0.03 0.00	35.71 0.04 -0.34	37.95 0.15 0.00	40.89 0.40 0.00	43.57 0.39 0.00	47.22 0.56 0.00	51.97 0.51 0.00	65.34 0.45 0.00	86.69 0.50 -2.29	80.82 0.47 -2.56	63.10 0.56 0.00	49.86 0.35 0.00	49.30 0.39 0.00	46.40 0.41 -0.25	40.47 0.28 -0.07	36.11 0.14 -0.01
DAHOWA__HYDRO 323763	33.24 2.58 0.00	30.41 2.41 0.00	27.26 2.09 0.00	26.29 1.92 0.00	26.37 1.95 0.00	28.22 2.11 0.00	30.37 1.93 0.00	33.41 2.07 0.00	34.96 1.98 0.00	37.28 1.94 0.00	40.07 2.27 0.00	43.04 2.55 0.00	45.98 2.81 0.00	49.78 3.13 0.00	55.21 3.75 0.00	83.89 4.80 -14.21	118.95 6.71 -28.34	174.31 6.76 -89.75	239.13 5.88 -170.72	120.85 4.65 -66.68	82.85 4.65 -29.29	49.94 4.21 0.00	43.36 3.25 0.00	38.40 2.45 0.00
DANC__LFGE 323619	30.42 -0.25 0.00	27.77 -0.22 0.00	24.92 -0.25 0.00	24.17 -0.20 0.00	24.22 -0.20 0.00	26.10 0.00 0.00	28.50 0.06 0.00	31.41 0.06 0.00	32.91 -0.07 0.00	35.67 -0.04 -0.38	37.80 0.00 0.00	40.48 0.00 0.00	43.14 -0.04 0.00	46.66 0.00 0.00	51.12 -0.15 0.18	63.29 -0.59 1.01	82.58 -1.26 0.06	76.11 -0.85 0.83	61.43 -0.25 0.86	49.53 0.00 -0.01	49.11 0.20 0.00	46.38 0.36 -0.28	40.40 0.20 -0.08	36.14 0.18 -0.01
DANSKAMMER__1 23586	32.87 2.21 0.00	29.93 1.93 0.00	26.93 1.76 0.00	26.00 1.63 0.00	26.10 1.68 0.00	27.83 1.72 0.00	30.35 1.91 0.00	33.41 2.07 0.00	35.35 2.38 0.00	37.91 2.58 0.00	41.24 3.44 0.00	44.17 3.68 0.00	47.28 4.10 0.00	51.04 4.38 0.00	56.55 5.10 0.00	73.75 6.87 -1.99	98.56 9.15 -5.52	113.77 8.24 -27.73	96.19 6.44 -27.21	69.41 4.95 -14.95	60.45 4.60 -6.94	49.67 3.93 0.00	43.57 3.45 0.00	38.62 2.66 0.00
DANSKAMMER__2 23589	32.87 2.21 0.00	29.93 1.93 0.00	26.93 1.76 0.00	26.00 1.63 0.00	26.10 1.68 0.00	27.83 1.72 0.00	30.35 1.91 0.00	33.41 2.07 0.00	35.35 2.38 0.00	37.91 2.58 0.00	41.24 3.44 0.00	44.17 3.68 0.00	47.28 4.10 0.00	51.04 4.38 0.00	56.55 5.10 0.00	73.75 6.87 -1.99	98.56 9.15 -5.52	113.77 8.24 -27.73	96.19 6.44 -27.21	69.41 4.95 -14.95	60.45 4.60 -6.94	49.67 3.93 0.00	43.57 3.45 0.00	38.62 2.66 0.00
DANSKAMMER__3 23590	32.87 2.21 0.00	29.93 1.93 0.00	26.93 1.76 0.00	26.00 1.63 0.00	26.10 1.68 0.00	27.83 1.72 0.00	30.35 1.91 0.00	33.41 2.07 0.00	35.35 2.38 0.00	37.91 2.58 0.00	41.24 3.44 0.00	44.17 3.68 0.00	47.28 4.10 0.00	51.04 4.38 0.00	56.55 5.10 0.00	73.75 6.87 -1.99	98.56 9.15 -5.52	113.77 8.24 -27.73	96.19 6.44 -27.21	69.41 4.95 -14.95	60.45 4.60 -6.94	49.67 3.93 0.00	43.57 3.45 0.00	38.62 2.66 0.00

DANSKAMMER___4 23591	32.87 2.21 0.00	29.93 1.93 0.00	26.93 1.76 0.00	26.00 1.63 0.00	26.10 1.68 0.00	27.83 1.72 0.00	30.35 1.91 0.00	33.41 2.07 0.00	35.35 2.38 0.00	37.91 2.58 0.00	41.24 3.44 0.00	44.17 3.68 0.00	47.28 4.10 0.00	51.04 4.38 0.00	56.55 5.10 0.00	73.75 6.87 -1.99	98.56 9.15 -5.52	113.77 8.24 -27.73	96.19 6.44 -27.21	69.41 4.95 -14.95	60.45 4.60 -6.94	49.67 3.93 0.00	43.57 3.45 0.00	38.62 2.66 0.00
DANSKAMMER___DIESEL 23592	32.87 2.21 0.00	29.93 1.93 0.00	26.93 1.76 0.00	26.00 1.63 0.00	26.08 1.66 0.00	27.83 1.72 0.00	30.35 1.91 0.00	33.41 2.07 0.00	35.35 2.37 0.00	37.91 2.58 0.00	41.24 3.44 0.00	44.17 3.68 0.00	47.28 4.10 0.00	51.00 4.34 0.00	56.50 5.04 0.00	73.75 6.88 -1.99	98.56 9.14 -5.52	113.73 8.25 -27.69	96.18 6.44 -27.21	69.36 4.90 -14.95	60.45 4.60 -6.94	49.76 4.03 0.00	43.57 3.45 0.00	38.33 2.37 0.00
DARBY___SOLAR 323810	33.06 2.39 0.00	30.24 2.24 0.00	27.11 1.94 0.00	26.17 1.80 0.00	26.25 1.83 0.00	28.06 1.96 0.00	30.26 1.82 0.00	33.32 1.98 0.00	34.92 1.95 0.00	37.24 1.91 0.00	40.03 2.23 0.00	42.99 2.51 0.00	45.95 2.77 0.00	49.74 3.08 0.00	55.11 3.65 0.00	84.67 4.67 -15.11	120.33 6.46 -29.97	175.98 6.45 -91.73	239.71 5.50 -171.67	120.34 4.36 -66.46	82.18 4.35 -28.92	49.72 3.98 0.00	43.16 3.05 0.00	38.26 2.30 0.00
DASHVILLE___HYD 23610	32.50 1.84 0.00	29.57 1.57 0.00	26.63 1.46 0.00	25.71 1.34 0.00	25.78 1.37 0.00	27.51 1.41 0.00	29.98 1.54 0.00	33.01 1.66 0.00	34.92 1.95 0.00	37.45 2.12 0.00	40.71 2.91 0.00	43.60 3.12 0.00	46.76 3.58 0.00	50.39 3.73 0.00	55.78 4.32 0.00	66.59 6.55 4.85	85.69 8.64 6.84	97.42 7.78 -11.84	83.00 6.07 -14.40	68.12 4.11 -14.50	61.18 3.52 -8.74	49.17 3.43 0.00	43.00 2.89 0.00	37.86 1.91 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	36.87 3.10 -3.11	35.74 2.69 -5.05	32.99 2.62 -5.20	28.19 2.51 -1.31	27.45 2.59 -0.45	28.79 2.69 0.00	31.51 3.07 0.00	36.43 3.35 -1.73	37.89 4.02 -0.89	39.33 3.99 0.00	43.21 5.41 0.00	49.87 6.36 -3.03	53.59 6.91 -3.50	60.45 7.23 -6.56	69.19 8.03 -9.71	102.77 11.29 -26.60	142.21 14.93 -43.39	171.03 13.61 -79.62	140.63 10.57 -67.53	84.33 7.53 -27.29	62.54 6.80 -6.83	56.53 6.04 -4.76	44.65 4.53 0.00	40.16 3.63 -0.57
DELAWARE___LFGE 323621	31.83 1.17 0.00	29.01 1.01 0.00	26.05 0.88 0.00	25.20 0.83 0.00	25.25 0.83 0.00	27.07 0.97 0.00	29.49 1.05 0.00	32.47 1.13 0.00	34.16 1.19 0.00	36.70 1.31 -0.06	39.47 1.66 0.00	42.30 1.82 0.00	45.21 2.03 0.00	48.85 2.19 0.00	53.87 2.42 0.00	67.77 2.92 0.03	88.70 3.69 -1.11	93.61 3.50 -12.31	86.53 2.94 -21.06	63.19 2.28 -11.40	57.03 2.35 -5.77	47.98 2.20 -0.04	41.97 1.85 -0.01	37.25 1.29 0.00
DERFIELD_115KV_TB7 355931	30.88 0.21 0.00	28.20 0.20 0.00	25.35 0.18 0.00	24.51 0.15 0.00	24.56 0.15 0.00	26.29 0.18 0.00	28.64 0.20 0.00	31.56 0.22 0.00	33.21 0.23 0.00	35.58 0.25 0.00	38.18 0.38 0.00	40.93 0.45 0.00	43.70 0.52 0.00	47.22 0.56 0.00	52.15 0.62 -0.08	66.44 0.78 -0.78	86.49 0.92 -1.67	80.10 0.93 -1.37	63.65 0.75 -0.37	50.11 0.59 0.00	49.50 0.59 0.00	46.29 0.55 0.00	40.60 0.48 0.00	36.21 0.25 0.00
DOGLEVILLE___HYD 23807	31.25 0.58 0.00	28.53 0.53 0.00	25.62 0.45 0.00	24.83 0.46 0.00	24.88 0.46 0.00	26.70 0.60 0.00	29.09 0.65 0.00	32.07 0.72 0.00	33.74 0.76 0.00	36.18 0.85 0.00	38.82 1.02 0.00	41.53 1.05 0.00	44.35 1.17 0.00	47.92 1.26 0.00	52.62 1.08 -0.08	66.96 1.30 -0.78	87.16 1.59 -1.67	80.80 1.64 -1.37	64.27 1.37 -0.36	50.56 1.04 0.00	49.94 1.03 0.00	46.83 1.10 0.00	41.04 0.92 0.00	36.71 0.76 0.00
DUNKIRK___115KV_TB_200 55889	31.34 0.67 0.00	28.31 0.31 0.00	25.37 0.20 0.00	24.64 0.27 0.00	24.54 0.12 0.00	26.49 0.39 0.00	28.61 0.17 0.00	31.13 -0.22 0.00	32.75 -0.23 0.00	35.19 -0.14 0.00	37.88 0.08 0.00	41.33 0.85 0.00	43.70 0.52 0.00	47.45 0.79 0.00	51.20 -0.26 0.00	60.24 -2.34 2.31	77.89 -3.10 2.90	78.47 -2.96 -3.63	63.85 -1.13 -2.44	50.70 -1.09 -2.27	49.58 -0.49 -1.16	46.24 0.50 0.00	40.72 0.60 0.00	37.04 1.08 0.00
DUNKIRK___1 23563	31.34 0.67 0.00	28.31 0.31 0.00	25.37 0.20 0.00	24.64 0.27 0.00	24.54 0.12 0.00	26.49 0.39 0.00	28.61 0.17 0.00	31.13 -0.22 0.00	32.75 -0.23 0.00	35.19 -0.14 0.00	37.88 0.08 0.00	41.33 0.85 0.00	43.70 0.52 0.00	47.45 0.79 0.00	51.20 -0.26 0.00	60.24 -2.34 2.31	77.89 -3.10 2.90	78.47 -2.96 -3.63	63.85 -1.13 -2.44	50.70 -1.09 -2.27	49.58 -0.49 -1.16	46.24 0.50 0.00	40.72 0.60 0.00	37.04 1.08 0.00
DUNKIRK___2 23564	31.34 0.67 0.00	28.31 0.31 0.00	25.37 0.20 0.00	24.64 0.27 0.00	24.54 0.12 0.00	26.49 0.39 0.00	28.61 0.17 0.00	31.13 -0.22 0.00	32.75 -0.23 0.00	35.19 -0.14 0.00	37.88 0.08 0.00	41.33 0.85 0.00	43.70 0.52 0.00	47.45 0.79 0.00	51.20 -0.26 0.00	60.24 -2.34 2.31	77.89 -3.10 2.90	78.47 -2.96 -3.63	63.85 -1.13 -2.44	50.70 -1.09 -2.27	49.58 -0.49 -1.16	46.24 0.50 0.00	40.72 0.60 0.00	37.04 1.08 0.00
DUNKIRK___3 23565	31.16 0.49 0.00	28.14 0.14 0.00	25.25 0.08 0.00	24.54 0.17 0.00	24.44 0.02 0.00	26.36 0.26 0.00	28.50 0.06 0.00	30.97 -0.38 0.00	32.55 -0.43 0.00	34.98 -0.35 0.00	37.61 -0.19 0.00	41.05 0.57 0.00	43.40 0.22 0.00	47.12 0.47 0.00	50.89 -0.57 0.00	59.77 -2.79 2.32	77.29 -3.69 2.92	77.98 -3.42 -3.61	63.40 -1.56 -2.43	50.34 -1.44 -2.26	49.19 -0.88 -1.16	45.83 0.09 0.00	40.40 0.28 0.00	36.75 0.79 0.00
DUNKIRK___4 23566	31.16 0.49 0.00	28.14 0.14 0.00	25.25 0.08 0.00	24.54 0.17 0.00	24.44 0.02 0.00	26.36 0.26 0.00	28.50 0.06 0.00	30.97 -0.38 0.00	32.55 -0.43 0.00	34.98 -0.35 0.00	37.61 -0.19 0.00	41.05 0.57 0.00	43.40 0.22 0.00	47.12 0.47 0.00	50.89 -0.57 0.00	59.77 -2.79 2.32	77.29 -3.69 2.92	77.98 -3.42 -3.61	63.40 -1.56 -2.43	50.34 -1.44 -2.26	49.19 -0.88 -1.16	45.83 0.09 0.00	40.40 0.28 0.00	36.75 0.79 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.90 2.24 0.00	29.96 1.96 0.00	26.98 1.81 0.00	25.98 1.61 0.00	26.08 1.66 0.00	27.85 1.75 0.00	30.40 1.96 0.00	33.60 2.26 0.00	35.55 2.57 0.00	38.09 2.76 0.00	41.39 3.59 0.00	44.33 3.85 0.00	47.32 4.15 0.00	51.00 4.34 0.00	56.39 4.94 0.00	74.40 6.81 -2.70	99.77 9.06 -6.82	115.51 8.17 -29.55	97.71 6.25 -28.92	69.45 4.75 -15.19	60.20 4.45 -6.83	49.72 3.98 0.00	43.69 3.57 0.00	38.47 2.52 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.60 1.93 0.00	29.68 1.68 0.00	26.71 1.54 0.00	25.78 1.41 0.00	25.86 1.44 0.00	27.62 1.51 0.00	30.09 1.65 0.00	33.13 1.79 0.00	35.06 2.08 0.00	37.56 2.23 0.00	40.79 2.99 0.00	43.68 3.20 0.00	46.72 3.54 0.00	50.39 3.73 0.00	55.78 4.32 0.00	72.59 5.97 -1.73	96.76 7.89 -4.98	111.09 7.16 -26.14	93.65 5.50 -25.61	67.99 4.21 -14.26	59.54 3.96 -6.66	49.21 3.48 0.00	43.12 3.01 0.00	38.01 2.05 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	33.15 2.48 0.00	30.07 2.07 0.00	27.11 1.94 0.00	26.02 1.66 0.00	26.12 1.71 0.00	27.77 1.67 0.00	30.35 1.91 0.00	33.63 2.29 0.00	35.65 2.67 0.00	38.30 2.97 0.00	41.62 3.82 0.00	44.45 3.97 0.00	47.37 4.19 0.00	50.86 4.20 0.00	56.19 4.73 0.00	74.53 6.94 -2.70	99.93 9.23 -6.81	115.74 8.40 -29.54	97.89 6.44 -28.91	69.35 4.65 -15.18	60.19 4.45 -6.83	49.54 3.80 0.00	43.89 3.77 0.00	38.58 2.62 0.00
E179THST_13_KV_LOAD 356214	33.33 2.67 0.00	30.24 2.24 0.00	27.26 2.09 0.00	26.15 1.78 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.82 2.48 0.00	35.88 2.90 0.00	38.55 3.22 0.00	41.88 4.08 0.00	44.73 4.25 0.00	47.71 4.53 0.00	51.23 4.57 0.00	56.60 5.15 0.00	75.04 7.46 -2.70	100.60 9.90 -6.81	116.44 9.10 -29.54	98.45 7.00 -28.91	69.75 5.05 -15.18	60.58 4.84 -6.83	49.90 4.16 0.00	44.21 4.09 0.00	38.83 2.88 0.00
EAST HAMPTON___GT 23717	36.84 3.07 -3.11	35.69 2.63 -5.05	32.97 2.59 -5.20	28.24 2.56 -1.31	27.58 2.71 -0.45	28.95 2.85 0.00	31.77 3.33 0.00	36.71 3.63 -1.73	38.29 4.42 -0.89	39.57 4.24 0.00	43.85 6.05 0.00	50.59 7.08 -3.03	54.24 7.55 -3.50	61.38 8.16 -6.56	70.22 9.06 -9.71	103.68 12.19 -26.60	143.31 16.03 -43.39	171.81 14.39 -79.63	141.45 11.38 -67.53	84.62 7.82 -27.29	62.59 6.85 -6.83	56.48 5.99 -4.76	44.53 4.41 0.00	40.37 3.85 -0.57
EAST RIVER___6 23660	33.06 2.39 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.07 1.71 0.00	26.17 1.76 0.00	27.93 1.83 0.00	30.49 2.05 0.00	33.79 2.45 0.00	35.81 2.84 0.00	38.41 3.07 0.00	41.89 4.08 0.00	44.77 4.29 0.00	47.75 4.57 0.00	51.51 4.85 0.00	56.91 5.45 0.00	75.04 7.46 -2.70	100.52 9.81 -6.82	116.06 8.71 -29.55	98.08 6.63 -28.92	69.70 5.00 -15.18	60.49 4.74 -6.83	49.86 4.12 0.00	44.05 3.93 0.00	39.16 3.20 0.00
EAST RIVER___7 23524	33.06 2.39 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.07 1.71 0.00	26.17 1.76 0.00	27.93 1.83 0.00	30.49 2.05 0.00	33.79 2.45 0.00	35.81 2.84 0.00	38.41 3.07 0.00	41.89 4.08 0.00	44.77 4.29 0.00	47.75 4.57 0.00	51.51 4.85 0.00	56.91 5.45 0.00	75.04 7.46 -2.70	100.52 9.81 -6.82	116.06 8.71 -29.55	98.08 6.63 -28.92	69.70 5.00 -15.18	60.49 4.74 -6.83	49.86 4.12 0.00	44.05 3.93 0.00	39.16 3.20 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.81 2.15 0.00	29.88 1.88 0.00	26.91 1.74 0.00	25.93 1.56 0.00	26.00 1.59 0.00	27.77 1.67 0.00	30.32 1.88 0.00	33.51 2.16 0.00	35.42 2.44 0.00	37.95 2.61 0.00	41.24 3.44 0.00	44.17 3.68 0.00	47.15 3.97 0.00	50.81 4.15 0.00	56.24 4.79 0.00	74.19 6.62 -2.69	99.41 8.73 -6.79	115.12 7.86 -29.46	97.44 6.07 -28.84	69.26 4.60 -15.14	60.03 4.30 -6.82	49.58 3.84 0.00	43.53 3.41 0.00	38.37 2.41 0.00
EAST_HAMPTON___DIESEL 23722	36.78 3.01 -3.11	35.63 2.57 -5.05	32.92 2.54 -5.20	28.19 2.51 -1.31	27.53 2.66 -0.45	28.92 2.82 0.00	31.74 3.30 0.00	36.68 3.60 -1.73	38.26 4.39 -0.89	39.54 4.20 0.00	43.81 6.01 0.00	50.56 7.04 -3.03	54.19 7.51 -3.50	61.29 8.07 -6.56	70.12 8.95 -9.71	103.61 12.13 -26.60	143.23 15.94 -43.39	171.73 14.31 -79.63	141.32 11.25 -67.53	84.48 7.67 -27.29	62.50 6.75 -6.83	56.35 5.86 -4.76	44.41 4.29 0.00	40.30 3.77 -0.57
EAST_POINT___SOLAR 323840	33.48 2.82 0.00	30.52 2.52 0.00	27.34 2.16 0.00	26.39 2.02 0.00	26.51 2.10 0.00	28.43 2.32 0.00	30.66 2.22 0.00	32.91 1.57 0.00	33.97 0.99 0.00	36.04 0.71 0.00	38.75 0.95 0.00	41.45 0.97 0.00	44.39 1.21 0.00	48.06 1.40 0.00	53.41 1.95 0.00	71.90 2.66 -4.35	99.27 4.70 -10.68	149.67 6.54 -65.34	211.85 7.13 -142.19	116.70 6.04 -61.15	84.01 6.16 -28.94	51.32 5.58 0.00	44.37 4.25 0.00	39.41 3.45 0.00
EAST_PULASKI___ESR 323781	30.39 -0.28 0.00	27.72 -0.28 0.00	24.87 -0.30 0.00	24.12 -0.24 0.00	24.17 -0.24 0.00	25.92 -0.18 0.00	28.30 -0.14 0.00	31.16 -0.19 0.00	32.71 -0.26 0.00	35.59 -0.28 -0.54	37.58 -0.23 0.00	40.36 -0.12 0.00	42.88 -0.30 0.00	46.38 -0.28 0.00	50.95 -0.41 0.09	64.63 -0.85 -0.59	86.56 -1.35 -4.01	78.05 -1.09 -1.34	61.53 -0.56 0.44	49.14 -0.40 -0.02	48.62 -0.29 0.00	46.04 -0.09 -0.40	40.23 0.00 -0.11	35.93 -0.04 -0.01
EAST_RIVER___1 323558	33.03 2.36 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.07 1.71 0.00	26.17 1.76 0.00	27.93 1.83 0.00	30.51 2.07 0.00	33.79 2.45 0.00	35.78 2.80 0.00	38.34 3.00 0.00	41.81 4.01 0.00	44.69 4.21 0.00	47.63 4.45 0.00	51.42 4.76 0.00	56.86 5.40 0.00	74.98 7.39 -2.70	100.44 9.73 -6.82	116.06 8.71 -29.55	98.08 6.63 -28.92	69.70 5.00 -15.18	60.44 4.70 -6.83	49.81 4.07 0.00	43.97 3.85 0.00	39.08 3.13 0.00
EAST_RIVER___2 323559	33.06 2.39 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.07 1.71 0.00	26.17 1.76 0.00	27.93 1.83 0.00	30.49 2.05 0.00	33.79 2.45 0.00	35.81 2.84 0.00	38.41 3.07 0.00	41.89 4.08 0.00	44.77 4.29 0.00	47.75 4.57 0.00	51.51 4.85 0.00	56.91 5.45 0.00	75.04 7.46 -2.70	100.52 9.81 -6.82	116.06 8.71 -29.55	98.08 6.63 -28.92	69.70 5.00 -15.18	60.49 4.74 -6.83	49.86 4.12 0.00	44.05 3.93 0.00	39.16 3.20 0.00
EAST___DELAWARE_HYD 23607	32.41 1.75 0.00	29.48 1.48 0.00	26.53 1.36 0.00	25.63 1.27 0.00	25.71 1.29 0.00	27.43 1.33 0.00	29.92 1.48 0.00	32.91 1.57 0.00	34.79 1.81 0.00	37.31 1.98 0.00	40.53 2.72 0.00	43.40 2.92 0.00	46.50 3.33 0.00	50.25 3.59 0.00	55.62 4.17 0.00	70.59 5.71 0.01	93.21 7.63 -1.68	105.10 7.08 -20.22	88.56 5.56 -20.46	66.73 4.26 -12.95	59.35 3.91 -6.52	49.08 3.34 0.00	42.92 2.81 0.00	38.11 2.16 0.00
EIGHT_POINT___WT_PWR 323820	31.62 0.95 0.00	28.64 0.64 0.00	25.72 0.55 0.00	24.98 0.61 0.00	24.95 0.54 0.00	26.81 0.71 0.00	29.15 0.71 0.00	31.84 0.50 0.00	33.34 0.36 0.00	35.94 0.53 -0.07	38.40 0.60 0.00	41.58 1.09 0.00	43.96 0.78 0.00	47.36 0.70 0.00	51.40 -0.05 0.00	62.00 -1.23 1.65	80.54 -1.77 1.59	80.86 -1.56 -4.62	65.59 0.06 -2.99	52.46 0.15 -2.80	50.82 0.49 -1.42	46.89 1.10 -0.05	41.38 1.24 -0.01	37.43 1.47 0.00
ELBRIDGE_115KV_TB2 80188	30.60 -0.06 0.00	27.89 -0.11 0.00	25.07 -0.10 0.00	24.27 -0.10 0.00	24.32 -0.10 0.00	26.02 -0.08 0.00	28.35 -0.09 0.00	31.25 -0.09 0.00	32.85 -0.13 0.00	35.55 -0.14 -0.36	37.73 -0.08 0.00	40.65 0.16 0.00	43.31 0.13 0.00	46.94 0.28 0.00	51.61 0.15 0.00	64.88 0.00 -2.43	86.25 -0.08 -2.71	80.43 -0.08 0.00	62.66 0.13 0.00	49.56 0.05 0.00	49.01 0.10 0.00	46.19 0.18 -0.26	40.27 0.08 -0.08	35.93 -0.04 -0.01
ELEC_TRO_TEK 24086	36.44 2.67 -3.11	35.41 2.35 -5.05	32.51 2.14 -5.20	27.63 1.95 -1.31	26.84 1.98 -0.45	28.19 2.09 0.00	30.77 2.33 0.00	35.74 2.66 -1.73	36.87 3.00 -0.89	38.37 3.04 0.00	41.88 4.08 0.00	49.17 4.41 -4.27	64.81 4.71 -16.92	83.27 4.90 -31.72	103.93 5.56 -46.92	140.53 7.72 -67.92	217.74 10.24 -123.61	230.38 9.18 -143.40	163.79 7.13 -94.13	103.50 5.45 -48.54	60.88 5.14 -6.83	55.11 4.62 -4.75	44.13 4.01 0.00	39.54 3.02 -0.57

ELLENBURG_WT_PWR 323604	30.14 -0.52 0.00	27.77 -0.22 0.00	24.94 -0.23 0.00	24.22 -0.15 0.00	24.29 -0.12 0.00	25.97 -0.13 0.00	28.33 -0.11 0.00	31.28 -0.06 0.00	32.85 -0.13 0.00	35.26 -0.07 0.00	37.42 -0.38 0.00	39.79 -0.69 0.00	42.19 -0.99 0.00	44.93 -1.73 0.00	48.00 -1.85 1.61	47.24 -2.21 15.43	47.56 -3.19 33.14	47.56 -3.04 27.20	52.86 -2.44 7.24	47.73 -1.78 0.00	47.45 -1.47 0.00	45.01 -0.73 0.00	39.43 -0.68 0.00	35.71 -0.25 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.79 0.12 0.00	27.83 -0.17 0.00	25.02 -0.15 0.00	24.32 -0.05 0.00	24.24 -0.17 0.00	26.13 0.03 0.00	28.21 -0.23 0.00	30.53 -0.81 0.00	32.05 -0.92 0.00	34.38 -0.95 0.00	36.93 -0.87 0.00	40.28 -0.20 0.00	42.66 -0.52 0.00	46.42 -0.23 0.00	49.96 -1.49 0.00	58.74 -3.70 2.44	75.94 -4.87 3.09	76.62 -4.59 -3.41	62.07 -2.75 -2.29	49.31 -2.33 -2.13	48.24 -1.76 -1.09	44.92 -0.82 0.00	39.63 -0.48 0.00	36.25 0.29 0.00
EMPIRE_CC_1 323656	31.58 0.92 0.00	28.90 0.90 0.00	26.08 0.90 0.00	25.20 0.83 0.00	25.27 0.85 0.00	26.96 0.86 0.00	29.26 0.83 0.00	32.25 0.91 0.00	33.97 0.99 0.00	36.32 0.99 0.00	39.24 1.44 0.00	41.94 1.46 0.00	44.82 1.64 0.00	48.48 1.82 0.00	53.57 2.11 0.00	83.60 2.79 -15.93	118.98 3.78 -31.30	155.66 3.42 -74.45	158.28 2.69 -93.06	85.22 2.08 -33.63	63.09 2.01 -12.17	47.52 1.78 0.00	41.72 1.61 0.00	36.93 0.97 0.00
EMPIRE_CC_2 323658	31.58 0.92 0.00	28.90 0.90 0.00	26.08 0.90 0.00	25.20 0.83 0.00	25.27 0.85 0.00	26.96 0.86 0.00	29.26 0.83 0.00	32.25 0.91 0.00	33.97 0.99 0.00	36.32 0.99 0.00	39.24 1.44 0.00	41.94 1.46 0.00	44.82 1.64 0.00	48.48 1.82 0.00	53.57 2.11 0.00	83.60 2.79 -15.93	118.98 3.78 -31.30	155.66 3.42 -74.45	158.28 2.69 -93.06	85.22 2.08 -33.63	63.09 2.01 -12.17	47.52 1.78 0.00	41.72 1.61 0.00	36.93 0.97 0.00
ENORWICH_115KV_TB1 80156	33.24 2.58 0.00	30.27 2.27 0.00	27.06 1.89 0.00	26.22 1.85 0.00	26.25 1.83 0.00	28.35 2.24 0.00	31.03 2.59 0.00	34.07 2.73 0.00	35.55 2.57 0.00	38.19 2.72 -0.13	40.75 2.95 0.00	43.76 3.28 0.00	46.85 3.67 0.00	50.95 4.29 0.00	55.93 4.48 0.00	69.44 5.13 0.57	90.98 6.54 -0.54	92.66 6.92 -7.95	79.17 6.32 -10.32	60.39 4.95 -5.92	57.04 5.14 -3.00	50.64 4.80 -0.10	43.95 3.81 -0.03	39.12 3.16 0.00
ERIE_ST__34_KV_TB1-2 80199	31.06 0.40 0.00	28.03 0.03 0.00	25.20 0.03 0.00	24.49 0.12 0.00	24.42 0.00 0.00	26.34 0.23 0.00	28.47 0.03 0.00	30.94 -0.41 0.00	32.52 -0.46 0.00	34.91 -0.42 0.00	37.58 -0.23 0.00	41.05 0.57 0.00	43.40 0.22 0.00	47.26 0.61 0.00	50.99 -0.46 0.00	59.36 -3.18 2.35	76.65 -4.28 2.96	77.30 -4.05 -3.55	63.29 -1.63 -2.39	50.00 -1.73 -2.22	49.02 -1.03 -1.13	45.65 -0.09 0.00	40.24 0.12 0.00	36.64 0.68 0.00
ERIE_WT_PWR 323693	30.97 0.31 0.00	28.00 0.00 0.00	25.17 0.00 0.00	24.49 0.12 0.00	24.42 0.00 0.00	26.29 0.18 0.00	28.38 -0.06 0.00	30.75 -0.60 0.00	32.28 -0.69 0.00	34.84 -0.49 0.00	37.39 -0.41 0.00	40.65 0.16 0.00	43.01 -0.17 0.00	46.52 -0.14 0.00	50.12 -1.34 0.00	59.20 -3.31 2.38	76.53 -4.37 3.00	77.17 -4.13 -3.50	62.69 -2.19 -2.35	50.02 -1.68 -2.19	48.61 -1.42 -1.12	45.33 -0.41 0.00	40.04 -0.08 0.00	36.61 0.65 0.00
ESPRGFLD_115KV_TB1 80157	32.63 1.96 0.00	29.71 1.71 0.00	26.61 1.43 0.00	25.73 1.36 0.00	25.81 1.39 0.00	27.72 1.62 0.00	30.23 1.79 0.00	33.07 1.72 0.00	34.63 1.65 0.00	36.99 1.66 0.00	39.77 1.97 0.00	42.67 2.19 0.00	45.64 2.46 0.00	49.41 2.75 0.00	54.54 3.09 0.00	71.71 3.76 -3.07	94.37 4.95 -5.53	113.92 5.37 -30.76	168.20 4.88 -100.79	97.37 3.86 -43.99	74.61 4.30 -21.39	49.67 3.93 0.00	43.12 3.01 0.00	38.29 2.34 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.49 0.83 0.00	28.67 0.67 0.00	25.72 0.55 0.00	24.90 0.54 0.00	24.95 0.54 0.00	26.76 0.65 0.00	29.21 0.77 0.00	32.19 0.85 0.00	33.74 0.76 0.00	36.30 0.78 -0.19	38.71 0.91 0.00	41.66 1.17 0.00	44.43 1.25 0.00	48.15 1.49 0.00	53.00 1.54 0.00	65.83 1.56 0.61	86.64 2.10 -0.65	85.46 2.18 -5.49	69.99 2.19 -5.27	54.38 1.63 -3.24	52.31 1.76 -1.64	47.61 1.74 -0.14	41.56 1.40 -0.04	37.04 1.08 0.00
ETNA____115KV_TB2 80207	31.49 0.83 0.00	28.67 0.67 0.00	25.72 0.55 0.00	24.90 0.54 0.00	24.95 0.54 0.00	26.76 0.65 0.00	29.21 0.77 0.00	32.19 0.85 0.00	33.74 0.76 0.00	36.30 0.78 -0.19	38.71 0.91 0.00	41.66 1.17 0.00	44.43 1.25 0.00	48.15 1.49 0.00	53.00 1.54 0.00	65.83 1.56 0.61	86.64 2.10 -0.65	85.46 2.18 -5.49	69.99 2.19 -5.27	54.38 1.63 -3.24	52.31 1.76 -1.64	47.61 1.74 -0.14	41.56 1.40 -0.04	37.04 1.08 0.00
EUCLID____115KV_TB2 356179	30.39 -0.28 0.00	27.69 -0.31 0.00	24.89 -0.28 0.00	24.12 -0.24 0.00	24.17 -0.24 0.00	25.84 -0.26 0.00	28.16 -0.28 0.00	31.03 -0.31 0.00	32.61 -0.36 0.00	35.10 -0.39 -0.15	37.50 -0.30 0.00	40.36 -0.12 0.00	43.01 -0.17 0.00	46.61 -0.05 0.00	51.30 -0.15 0.00	63.14 -0.45 1.29	82.33 -0.59 0.97	78.93 -0.54 -1.68	62.22 -0.31 0.00	49.20 -0.30 0.02	48.67 -0.24 0.00	45.67 -0.18 -0.11	39.95 -0.20 -0.03	35.67 -0.29 0.00
E_CANADA_CAP_HY 24051	33.12 2.45 0.00	30.16 2.16 0.00	27.01 1.84 0.00	26.10 1.73 0.00	26.20 1.78 0.00	28.09 1.98 0.00	30.51 2.07 0.00	33.23 1.88 0.00	34.66 1.68 0.00	36.78 1.45 0.00	39.54 1.74 0.00	42.35 1.86 0.00	45.34 2.16 0.00	49.08 2.42 0.00	54.39 2.93 0.00	72.88 3.83 -4.17	99.51 5.20 -10.41	148.33 6.45 -64.08	205.32 6.44 -136.34	113.59 5.35 -58.73	81.36 5.33 -27.11	50.58 4.85 0.00	43.80 3.69 0.00	38.94 2.98 0.00
E_CANADA_MHWK_HY 24050	31.25 0.58 0.00	28.53 0.53 0.00	25.62 0.45 0.00	24.83 0.46 0.00	24.88 0.46 0.00	26.70 0.60 0.00	29.09 0.65 0.00	32.07 0.72 0.00	33.74 0.76 0.00	36.18 0.85 0.00	38.82 1.02 0.00	41.53 1.05 0.00	44.35 1.17 0.00	47.92 1.26 0.00	52.62 1.08 -0.08	66.96 1.30 -0.78	87.16 1.59 -1.67	80.80 1.64 -1.37	64.27 1.37 -0.36	50.56 1.04 0.00	49.94 1.03 0.00	46.83 1.10 0.00	41.04 0.92 0.00	36.71 0.76 0.00
E_FISHKILL____LBMP 23776	32.54 1.87 0.00	29.62 1.62 0.00	26.68 1.51 0.00	25.73 1.36 0.00	25.81 1.39 0.00	27.56 1.46 0.00	30.06 1.62 0.00	33.16 1.82 0.00	35.06 2.08 0.00	37.56 2.23 0.00	40.75 2.95 0.00	43.60 3.12 0.00	46.55 3.37 0.00	50.20 3.55 0.00	55.52 4.06 0.00	73.32 5.64 -2.79	98.40 7.47 -7.04	114.88 6.69 -30.40	97.45 5.19 -29.73	69.07 3.96 -15.59	59.64 3.72 -7.01	49.03 3.29 0.00	43.04 2.93 0.00	37.94 1.98 0.00
FALCON____SEABRD_CC1 323796	31.00 0.34 0.00	28.59 0.59 0.00	25.67 0.50 0.00	24.95 0.58 0.00	25.00 0.59 0.00	26.78 0.68 0.00	29.26 0.83 0.00	32.32 0.97 0.00	33.87 0.89 0.00	36.36 1.03 0.00	38.60 0.80 0.00	41.13 0.65 0.00	43.61 0.43 0.00	45.77 -0.89 0.00	48.77 -1.08 1.60	48.18 -1.37 15.34	48.61 -2.35 32.94	48.50 -2.26 27.04	53.33 -2.00 7.20	48.18 -1.33 0.00	48.18 -0.73 0.00	46.47 0.73 0.00	40.68 0.56 0.00	36.82 0.86 0.00

FALCON___SEABRD_CC2 323797	31.00 0.34 0.00	28.59 0.59 0.00	25.67 0.50 0.00	24.95 0.58 0.00	25.00 0.59 0.00	26.78 0.68 0.00	29.26 0.83 0.00	32.32 0.97 0.00	33.87 0.89 0.00	36.36 1.03 0.00	38.60 0.80 0.00	41.13 0.65 0.00	43.61 0.43 0.00	45.77 -0.89 0.00	48.77 -1.08 1.60	48.18 -1.37 15.34	48.61 -2.35 32.94	48.50 -2.26 27.04	53.33 -2.00 7.20	48.18 -1.33 0.00	48.18 -0.73 0.00	46.47 0.73 0.00	40.68 0.56 0.00	36.82 0.86 0.00
FAR ROCKAWAY___4 23548	37.06 3.28 -3.11	35.94 2.88 -5.05	32.97 2.59 -5.20	28.07 2.39 -1.31	27.28 2.42 -0.45	28.66 2.56 0.00	31.28 2.84 0.00	36.30 3.23 -1.73	37.50 3.63 -0.89	39.08 3.75 0.00	42.72 4.91 0.00	49.77 5.42 -3.87	61.50 5.74 -12.58	75.46 5.23 -23.58	92.25 5.92 -34.87	127.67 8.24 -54.54	192.52 10.99 -97.64	210.43 9.88 -122.76	155.74 7.69 -85.52	97.02 5.84 -41.66	61.81 6.07 -6.83	56.39 5.90 -4.75	45.13 5.01 0.00	40.41 3.88 -0.57
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.06 2.39 0.00	30.07 2.07 0.00	27.08 1.91 0.00	26.07 1.71 0.00	26.17 1.76 0.00	27.93 1.83 0.00	30.54 2.10 0.00	33.82 2.48 0.00	35.81 2.84 0.00	38.41 3.07 0.00	41.81 4.01 0.00	44.69 4.21 0.00	47.67 4.49 0.00	51.32 4.67 0.00	56.81 5.35 0.00	74.98 7.40 -2.70	100.44 9.73 -6.81	116.06 8.71 -29.55	98.15 6.69 -28.92	69.75 5.05 -15.18	60.49 4.74 -6.83	49.90 4.16 0.00	44.01 3.89 0.00	38.73 2.77 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.06 2.39 0.00	30.10 2.10 0.00	27.11 1.94 0.00	26.10 1.73 0.00	26.17 1.76 0.00	27.96 1.85 0.00	30.54 2.10 0.00	33.82 2.48 0.00	35.81 2.84 0.00	38.41 3.07 0.00	41.81 4.01 0.00	44.69 4.21 0.00	47.67 4.49 0.00	51.32 4.67 0.00	56.81 5.35 0.00	74.98 7.40 -2.70	100.53 9.82 -6.81	116.06 8.71 -29.55	98.15 6.69 -28.92	69.75 5.05 -15.18	60.49 4.74 -6.83	49.95 4.21 0.00	44.01 3.89 0.00	38.76 2.80 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.03 2.36 0.00	30.07 2.07 0.00	27.08 1.91 0.00	26.07 1.71 0.00	26.15 1.73 0.00	27.93 1.83 0.00	30.52 2.08 0.00	33.79 2.44 0.00	35.78 2.80 0.00	38.41 3.07 0.00	41.77 3.97 0.00	44.65 4.17 0.00	47.63 4.45 0.00	51.32 4.67 0.00	56.75 5.30 0.00	74.91 7.33 -2.70	100.36 9.65 -6.81	115.98 8.64 -29.55	98.08 6.63 -28.92	69.70 5.00 -15.18	60.44 4.70 -6.83	49.90 4.16 0.00	43.97 3.85 0.00	38.73 2.77 0.00
FARRAGUT___LBMP 323566	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.12 1.71 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.76 2.41 0.00	35.75 2.77 0.00	38.34 3.00 0.00	41.73 3.93 0.00	44.61 4.13 0.00	47.54 4.36 0.00	51.23 4.57 0.00	56.65 5.20 0.00	74.85 7.27 -2.70	100.27 9.56 -6.81	115.90 8.56 -29.55	97.96 6.50 -28.92	69.60 4.90 -15.18	60.34 4.60 -6.83	49.86 4.12 0.00	43.93 3.81 0.00	38.69 2.73 0.00
FENNER___WINDPWR 24204	31.34 0.67 0.00	28.59 0.59 0.00	25.65 0.48 0.00	24.85 0.49 0.00	24.90 0.49 0.00	26.76 0.65 0.00	29.18 0.74 0.00	32.16 0.81 0.00	33.77 0.79 0.00	36.36 0.88 -0.15	38.82 1.02 0.00	41.66 1.17 0.00	44.52 1.34 0.00	48.24 1.59 0.00	53.10 1.65 0.00	66.23 1.88 0.54	86.52 2.35 -0.28	82.27 2.33 -2.14	64.66 2.13 0.00	51.19 1.68 0.01	50.62 1.71 0.00	47.49 1.64 -0.11	41.43 1.28 -0.03	37.04 1.08 0.00
FIBERTEK___ENERGY 23856	30.76 0.09 0.00	28.03 0.03 0.00	25.17 0.00 0.00	24.37 0.00 0.00	24.44 0.02 0.00	26.13 0.03 0.00	28.50 0.06 0.00	31.44 0.09 0.00	33.01 0.03 0.00	35.71 0.04 -0.34	37.95 0.15 0.00	40.89 0.40 0.00	43.57 0.39 0.00	47.22 0.56 0.00	51.97 0.51 0.00	65.34 0.45 0.00	86.69 0.50 -2.29	80.82 0.47 -2.56	63.10 0.56 0.00	49.86 0.35 0.00	49.30 0.39 0.00	46.40 0.41 -0.25	40.47 0.28 -0.07	36.11 0.14 -0.01
FITZPATRICK____ 23598	29.87 -0.80 0.00	27.27 -0.73 0.00	24.49 -0.68 0.00	23.76 -0.61 0.00	23.78 -0.63 0.00	25.42 -0.68 0.00	27.70 -0.74 0.00	30.50 -0.84 0.00	32.05 -0.92 0.00	32.50 -0.95 1.88	36.86 -0.94 0.00	39.59 -0.89 0.00	42.19 -0.99 0.00	45.68 -0.98 0.00	50.22 -1.24 0.00	63.21 -1.69 -0.01	70.00 -2.18 11.71	70.00 -2.02 5.77	61.03 -1.50 0.00	48.28 -1.24 0.00	47.74 -1.17 0.00	43.30 -1.05 1.39	38.80 -0.92 0.39	35.10 -0.83 0.03
FLOWRFLD_69_KV_BK1 356044	36.69 2.91 -3.11	35.60 2.55 -5.05	32.77 2.39 -5.20	27.90 2.22 -1.31	27.14 2.27 -0.45	28.40 2.30 0.00	31.03 2.59 0.00	35.93 2.85 -1.73	37.13 3.26 -0.89	38.44 3.11 0.00	42.00 4.20 0.00	48.31 4.78 -3.05	52.18 5.31 -3.69	58.89 5.32 -6.91	67.70 6.02 -10.22	100.62 8.56 -27.17	139.64 11.24 -44.50	168.35 10.04 -80.52	138.39 7.94 -67.92	83.19 6.09 -27.59	61.32 5.58 -6.83	55.43 4.94 -4.75	44.17 4.05 0.00	39.80 3.27 -0.57
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.93 2.27 0.00	29.99 1.99 0.00	26.98 1.81 0.00	26.05 1.68 0.00	26.12 1.71 0.00	27.88 1.77 0.00	30.40 1.96 0.00	33.48 2.13 0.00	35.45 2.47 0.00	38.02 2.69 0.00	41.36 3.55 0.00	44.33 3.85 0.00	47.45 4.27 0.00	51.18 4.53 0.00	56.70 5.25 0.00	74.10 7.20 -2.02	98.87 9.40 -5.57	114.16 8.56 -27.81	96.49 6.63 -27.33	69.60 5.10 -14.98	60.67 4.79 -6.96	49.90 4.16 0.00	43.69 3.57 0.00	38.44 2.48 0.00
FORT ORANGE____ 23900	31.49 0.83 0.00	28.78 0.78 0.00	25.90 0.73 0.00	25.03 0.66 0.00	25.12 0.71 0.00	26.78 0.68 0.00	29.18 0.74 0.00	32.13 0.78 0.00	33.83 0.86 0.00	36.15 0.81 0.00	38.98 1.17 0.00	41.74 1.26 0.00	44.52 1.34 0.00	48.15 1.49 0.00	53.25 1.80 0.00	25.56 2.53 41.85	13.58 3.44 73.76	6.98 3.27 74.09	10.44 2.63 54.72	63.59 1.98 -12.09	69.39 1.91 -18.58	47.48 1.74 0.00	41.76 1.65 0.00	37.07 1.12 0.00
FORT_DRUM_COGEN 23780	30.45 -0.21 0.00	27.83 -0.17 0.00	24.97 -0.20 0.00	24.25 -0.12 0.00	24.32 -0.10 0.00	26.31 0.21 0.00	28.81 0.37 0.00	31.72 0.38 0.00	33.24 0.26 0.00	35.85 0.25 -0.27	38.07 0.26 0.00	40.69 0.20 0.00	43.35 0.17 0.00	47.03 0.37 0.00	51.41 0.26 0.30	62.18 -0.26 2.45	79.03 -1.17 3.69	73.74 -0.62 3.43	61.31 0.13 1.35	49.97 0.45 -0.01	49.65 0.73 0.00	46.85 0.91 -0.20	40.65 0.48 -0.06	36.43 0.47 0.00
FOX_HILLS___ESR 323835	33.24 2.58 0.00	30.16 2.16 0.00	27.16 1.99 0.00	26.07 1.71 0.00	26.17 1.76 0.00	27.80 1.70 0.00	30.40 1.96 0.00	33.76 2.41 0.00	35.78 2.80 0.00	38.57 3.18 -0.06	41.81 4.01 0.00	44.77 4.29 0.00	51.72 4.62 -3.92	70.69 4.67 -19.36	142.37 5.30 -85.61	90.72 7.46 -18.38	100.92 9.82 -7.21	164.29 8.87 -77.63	120.13 6.88 -50.71	69.65 4.95 -15.18	67.45 4.74 -13.79	67.29 4.25 -17.30	45.97 4.05 -1.80	38.83 2.88 0.00
FPL FAR_ROCK_GT1 24212	37.06 3.28 -3.12	35.94 2.88 -5.06	32.97 2.59 -5.21	28.07 2.39 -1.31	27.31 2.44 -0.45	28.67 2.56 -0.01	31.29 2.84 -0.01	36.31 3.23 -1.73	37.50 3.63 -0.90	38.94 3.61 -0.01	42.76 4.95 -0.01	49.78 5.43 -3.87	61.58 5.83 -12.58	76.21 5.97 -23.58	92.50 6.17 -34.87	127.67 8.24 -54.54	192.52 10.99 -97.64	210.43 9.88 -122.75	155.74 7.69 -85.52	97.06 5.89 -41.66	61.76 6.01 -6.83	56.30 5.81 -4.75	45.09 4.97 -0.01	40.73 4.21 -0.57

FPL FAR_ROCK_GT2 23815	37.06 3.28 -3.12	35.94 2.88 -5.06	32.97 2.59 -5.21	28.07 2.39 -1.31	27.31 2.44 -0.45	28.67 2.56 -0.01	31.29 2.84 -0.01	36.31 3.23 -1.73	37.50 3.63 -0.90	38.94 3.61 -0.01	42.76 4.95 -0.01	49.78 5.43 -3.87	61.58 5.83 -12.58	76.21 5.97 -23.58	92.50 6.17 -34.87	127.67 8.24 -54.54	192.52 10.99 -97.64	210.43 9.88 -122.75	155.74 7.69 -85.52	97.06 5.89 -41.66	61.76 6.01 -6.83	56.30 5.81 -4.75	45.09 4.97 -0.01	40.73 4.21 -0.57
FRANKLIN_FALL_HYD 24054	30.17 -0.49 0.00	27.80 -0.20 0.00	24.97 -0.20 0.00	24.25 -0.12 0.00	24.32 -0.10 0.00	26.02 -0.08 0.00	28.44 0.00 0.00	31.41 0.06 0.00	32.94 -0.03 0.00	35.33 0.00 0.00	37.46 -0.34 0.00	39.71 -0.77 0.00	42.06 -1.12 0.00	45.30 -1.35 0.00	48.12 -1.85 1.48	48.49 -2.21 14.19	50.40 -3.02 30.48	49.90 -2.88 25.01	53.47 -2.38 6.68	48.18 -1.34 0.00	47.35 -1.57 0.00	44.50 -1.23 0.00	39.31 -0.80 0.00	36.10 0.14 0.00
FREEPORT_EQUS_GT1 23764	36.75 2.97 -3.11	35.66 2.60 -5.06	32.74 2.37 -5.21	27.85 2.17 -1.31	27.09 2.22 -0.45	28.43 2.32 0.00	31.03 2.59 0.00	36.02 2.95 -1.73	37.20 3.33 -0.89	38.52 3.18 0.00	42.26 4.46 0.00	49.41 4.86 -4.07	63.00 5.22 -14.60	79.34 5.32 -27.37	98.01 6.07 -40.49	133.84 8.18 -60.78	204.46 10.83 -109.73	219.97 9.80 -132.37	159.69 7.63 -89.53	100.22 5.84 -44.87	61.12 5.38 -6.83	55.48 4.99 -4.75	44.53 4.41 0.00	40.30 3.77 -0.57
FREEPORT___CT2 23818	36.75 2.97 -3.11	35.66 2.60 -5.06	32.74 2.37 -5.21	27.85 2.17 -1.31	27.09 2.22 -0.45	28.43 2.32 0.00	31.03 2.59 0.00	36.02 2.95 -1.73	37.20 3.33 -0.89	38.52 3.18 0.00	42.26 4.46 0.00	49.41 4.86 -4.07	63.00 5.22 -14.60	79.34 5.32 -27.37	98.01 6.07 -40.49	133.84 8.18 -60.78	204.46 10.83 -109.73	219.97 9.80 -132.37	159.69 7.63 -89.53	100.22 5.84 -44.87	61.12 5.38 -6.83	55.48 4.99 -4.75	44.53 4.41 0.00	40.30 3.77 -0.57
FRESHKLS_33_KV_LOAD 356253	33.24 2.58 0.00	30.13 2.13 0.00	27.16 1.99 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.75 1.64 0.00	30.35 1.91 0.00	33.66 2.32 0.00	35.71 2.74 0.00	38.50 3.11 -0.06	41.77 3.97 0.00	44.73 4.25 0.00	51.72 4.62 -3.92	70.69 4.67 -19.36	142.42 5.35 -85.61	90.85 7.59 -18.38	101.17 10.07 -7.21	164.52 9.10 -77.63	120.31 7.07 -50.71	69.80 5.10 -15.18	67.60 4.89 -13.79	67.33 4.30 -17.30	46.01 4.09 -1.80	38.83 2.88 0.00
FULTON COGEN____ 23766	30.36 -0.31 0.00	27.66 -0.34 0.00	24.84 -0.33 0.00	24.08 -0.29 0.00	24.15 -0.27 0.00	25.82 -0.29 0.00	28.13 -0.31 0.00	31.03 -0.31 0.00	32.58 -0.40 0.00	35.52 -0.42 -0.61	37.42 -0.38 0.00	40.28 -0.20 0.00	42.92 -0.26 0.00	46.47 -0.19 0.00	51.15 -0.31 0.00	66.02 -0.58 -1.72	89.91 -0.76 -6.77	80.31 -0.70 -3.21	62.16 -0.38 0.00	49.19 -0.35 -0.03	48.62 -0.29 0.00	45.96 -0.23 -0.45	40.04 -0.20 -0.13	35.64 -0.32 -0.01
FULTON___LFGE 323630	34.59 3.93 0.00	31.56 3.56 0.00	28.16 2.99 0.00	27.17 2.80 0.00	27.29 2.88 0.00	29.29 3.18 0.00	32.08 3.64 0.00	35.17 3.82 0.00	36.74 3.76 0.00	38.90 3.57 0.00	41.89 4.08 0.00	45.06 4.57 0.00	48.23 5.05 0.00	52.11 5.46 0.00	57.89 6.43 0.00	77.45 8.24 -4.33	105.78 11.25 -10.64	155.03 12.06 -65.18	214.34 10.38 -141.43	118.47 8.12 -60.83	86.46 8.32 -29.23	53.38 7.64 0.00	45.89 5.78 0.00	40.74 4.78 0.00
G.F.CEMENT___DRP 24184	33.67 3.01 0.00	30.80 2.80 0.00	27.59 2.42 0.00	26.61 2.24 0.00	26.66 2.25 0.00	28.53 2.43 0.00	30.54 2.10 0.00	33.63 2.29 0.00	35.12 2.14 0.00	37.45 2.12 0.00	40.11 2.31 0.00	43.11 2.63 0.00	46.12 2.94 0.00	49.88 3.22 0.00	55.37 3.91 0.00	82.55 5.00 -12.67	116.66 7.22 -25.55	171.56 7.39 -86.37	238.13 6.50 -169.09	121.66 5.10 -67.04	83.98 5.14 -29.93	50.45 4.71 0.00	43.65 3.53 0.00	38.47 2.52 0.00
GARDENVILLE___LBMP 24039	30.88 0.21 0.00	27.92 -0.08 0.00	25.09 -0.08 0.00	24.37 0.00 0.00	24.29 -0.12 0.00	26.18 0.08 0.00	28.30 -0.14 0.00	30.66 -0.69 0.00	32.19 -0.79 0.00	34.52 -0.81 0.00	37.08 -0.72 0.00	40.48 0.00 0.00	42.83 -0.35 0.00	46.61 -0.05 0.00	50.22 -1.23 0.00	58.99 -3.50 2.39	76.18 -4.70 3.02	76.92 -4.36 -3.49	62.43 -2.44 -2.34	49.56 -2.13 -2.18	48.51 -1.52 -1.11	45.14 -0.59 0.00	39.83 -0.28 0.00	36.35 0.40 0.00
GARDNVLA_35_KV_LD 355827	31.03 0.37 0.00	28.03 0.03 0.00	25.20 0.03 0.00	24.49 0.12 0.00	24.39 -0.02 0.00	26.31 0.21 0.00	28.41 -0.03 0.00	30.78 -0.56 0.00	32.35 -0.63 0.00	34.70 -0.64 0.00	37.31 -0.49 0.00	40.73 0.24 0.00	43.14 -0.04 0.00	46.94 0.28 0.00	50.53 -0.93 0.00	59.33 -3.18 2.37	76.70 -4.19 3.00	77.33 -3.97 -3.51	62.76 -2.13 -2.36	49.82 -1.88 -2.19	48.76 -1.27 -1.12	45.37 -0.37 0.00	40.04 -0.08 0.00	36.57 0.61 0.00
GELCKHM__115KV_LOAD 80723	30.51 -0.15 0.00	27.80 -0.20 0.00	24.97 -0.20 0.00	24.20 -0.17 0.00	24.24 -0.17 0.00	25.95 -0.16 0.00	28.27 -0.17 0.00	31.19 -0.16 0.00	32.75 -0.23 0.00	35.34 -0.21 -0.22	37.65 -0.15 0.00	40.52 0.04 0.00	43.22 0.04 0.00	46.84 0.19 0.00	51.56 0.10 0.00	63.89 -0.13 0.86	83.78 -0.25 -0.13	79.63 -0.16 -2.00	62.53 0.00 0.00	49.40 -0.10 0.01	48.86 -0.05 0.00	45.90 0.00 -0.16	40.12 -0.04 -0.05	35.82 -0.14 0.00
GENERAL___MILLS 23808	30.97 0.31 0.00	27.97 -0.03 0.00	25.15 -0.03 0.00	24.44 0.07 0.00	24.37 -0.05 0.00	26.26 0.16 0.00	28.35 -0.09 0.00	30.72 -0.63 0.00	32.29 -0.69 0.00	34.63 -0.71 0.00	37.20 -0.60 0.00	40.60 0.12 0.00	43.01 -0.17 0.00	46.75 0.09 0.00	50.37 -1.08 0.00	59.13 -3.37 2.38	76.44 -4.45 3.00	77.10 -4.20 -3.50	62.63 -2.25 -2.35	49.72 -1.98 -2.19	48.61 -1.42 -1.12	45.28 -0.46 0.00	39.91 -0.20 0.00	36.46 0.50 0.00
GE_PLASTICS___DRP 24183	31.22 0.55 0.00	28.50 0.50 0.00	25.65 0.48 0.00	24.81 0.44 0.00	24.85 0.44 0.00	26.52 0.42 0.00	28.89 0.46 0.00	31.85 0.50 0.00	33.57 0.59 0.00	35.90 0.57 0.00	38.71 0.91 0.00	41.45 0.97 0.00	44.09 0.91 0.00	47.64 0.98 0.00	52.69 1.23 0.00	40.43 1.82 26.27	40.85 2.35 45.40	45.59 2.18 34.38	46.68 1.69 17.54	67.63 1.24 -16.88	66.46 1.22 -16.33	46.84 1.10 0.00	41.56 1.44 0.00	36.78 0.83 0.00
GILBOA___1 23756	31.62 0.95 0.00	28.84 0.84 0.00	25.92 0.75 0.00	25.07 0.71 0.00	25.15 0.73 0.00	26.86 0.76 0.00	29.26 0.83 0.00	32.25 0.91 0.00	34.00 1.02 0.00	36.39 1.06 0.00	39.27 1.47 0.00	42.06 1.58 0.00	44.91 1.73 0.00	48.43 1.77 0.00	53.46 2.00 0.00	67.14 2.27 0.01	88.68 2.93 -1.85	101.42 2.65 -20.98	81.02 2.13 -16.36	63.08 1.78 -11.79	56.71 1.86 -5.94	47.48 1.74 0.00	41.68 1.56 0.00	37.11 1.15 0.00
GILBOA___2 23757	31.62 0.95 0.00	28.84 0.84 0.00	25.92 0.75 0.00	25.07 0.71 0.00	25.15 0.73 0.00	26.86 0.76 0.00	29.26 0.83 0.00	32.25 0.91 0.00	34.00 1.02 0.00	36.39 1.06 0.00	39.27 1.47 0.00	42.06 1.58 0.00	44.91 1.73 0.00	48.43 1.77 0.00	53.46 2.00 0.00	67.14 2.27 0.01	88.68 2.93 -1.85	101.42 2.65 -20.98	81.02 2.13 -16.36	63.08 1.78 -11.79	56.71 1.86 -5.94	47.48 1.74 0.00	41.68 1.56 0.00	37.11 1.15 0.00

GILBOA___3 23758	31.62 0.95 0.00	28.84 0.84 0.00	25.92 0.75 0.00	25.07 0.71 0.00	25.15 0.73 0.00	26.86 0.76 0.00	29.26 0.83 0.00	32.25 0.91 0.00	34.00 1.02 0.00	36.39 1.06 0.00	39.27 1.47 0.00	42.06 1.58 0.00	44.91 1.73 0.00	48.43 1.77 0.00	53.46 2.00 0.00	67.14 2.27 0.01	88.68 2.93 -1.85	101.42 2.65 -20.98	81.02 2.13 -16.36	63.08 1.78 -11.79	56.71 1.86 -5.94	47.48 1.74 0.00	41.68 1.56 0.00	37.11 1.15 0.00
GILBOA___4 23759	31.62 0.95 0.00	28.84 0.84 0.00	25.92 0.75 0.00	25.07 0.71 0.00	25.15 0.73 0.00	26.86 0.76 0.00	29.26 0.83 0.00	32.25 0.91 0.00	34.00 1.02 0.00	36.39 1.06 0.00	39.27 1.47 0.00	42.06 1.58 0.00	44.91 1.73 0.00	48.43 1.77 0.00	53.46 2.00 0.00	67.14 2.27 0.01	88.68 2.93 -1.85	101.42 2.65 -20.98	81.02 2.13 -16.36	63.08 1.78 -11.79	56.71 1.86 -5.94	47.48 1.74 0.00	41.68 1.56 0.00	37.11 1.15 0.00
GILBOA___ 23599	31.62 0.95 0.00	28.84 0.84 0.00	25.93 0.76 0.00	25.07 0.71 0.00	25.12 0.71 0.00	26.86 0.76 0.00	29.26 0.82 0.00	32.25 0.91 0.00	34.00 1.02 0.00	36.39 1.06 0.00	39.28 1.47 0.00	42.06 1.58 0.00	44.91 1.73 0.00	48.38 1.73 0.00	53.46 2.01 0.00	67.14 2.27 0.01	88.69 2.94 -1.85	101.42 2.65 -20.98	81.02 2.13 -16.36	63.09 1.78 -11.79	56.71 1.86 -5.94	47.52 1.78 0.00	41.68 1.56 0.00	36.93 0.97 0.00
GINNA___ 23603	29.53 -1.13 0.00	26.77 -1.23 0.00	24.04 -1.13 0.00	23.32 -1.05 0.00	23.32 -1.10 0.00	25.06 -1.04 0.00	27.25 -1.19 0.00	29.90 -1.44 0.00	31.43 -1.55 0.00	33.85 -1.48 0.00	36.25 -1.55 0.00	39.23 -1.26 0.00	41.89 -1.29 0.00	45.35 -1.31 0.00	49.45 -2.01 0.00	59.85 -2.72 2.31	76.50 -3.77 3.62	75.97 -3.42 -1.60	59.91 -2.62 0.00	47.25 -2.23 0.04	46.86 -2.05 0.00	44.14 -1.60 0.00	38.67 -1.44 0.00	34.91 -1.04 0.00
GLEN PARK___ 23778	30.70 0.03 0.00	28.03 0.03 0.00	25.12 -0.05 0.00	24.42 0.05 0.00	24.46 0.05 0.00	26.50 0.39 0.00	28.98 0.54 0.00	31.91 0.56 0.00	33.41 0.43 0.00	36.11 0.49 -0.28	38.29 0.49 0.00	40.89 0.40 0.00	43.61 0.43 0.00	47.26 0.60 0.00	51.63 0.46 0.28	62.69 0.06 2.25	80.01 -0.67 3.21	74.71 0.00 3.09	61.86 0.69 1.36	50.46 0.94 -0.01	50.14 1.22 0.00	47.32 1.37 -0.21	41.02 0.84 -0.06	36.72 0.76 0.00
GLENDALE_27_KV_LOAD 356172	33.27 2.61 0.00	30.24 2.24 0.00	27.23 2.06 0.00	26.20 1.83 0.00	26.27 1.86 0.00	28.01 1.91 0.00	30.63 2.19 0.00	33.98 2.63 0.00	36.01 3.03 0.00	38.69 3.36 0.00	42.04 4.23 0.00	44.94 4.45 0.00	47.93 4.75 0.00	51.51 4.85 0.00	56.91 5.45 0.00	75.17 7.59 -2.70	100.69 9.98 -6.81	116.36 9.02 -29.54	89.17 6.94 -19.70	69.80 5.10 -15.18	59.17 4.84 -5.42	50.08 4.35 0.00	44.25 4.13 0.00	38.94 2.98 0.00
GLENWOOD_IC_1_G1 23712	36.69 2.91 -3.11	35.60 2.55 -5.05	32.69 2.32 -5.20	27.80 2.12 -1.31	27.02 2.15 -0.45	28.40 2.30 0.00	31.00 2.56 0.00	35.99 2.92 -1.73	37.17 3.30 -0.89	38.69 3.36 0.00	42.30 4.50 0.00	51.23 4.66 -6.09	84.72 4.97 -36.57	120.44 5.23 -68.55	158.83 5.97 -101.41	201.51 8.18 -128.45	335.81 10.82 -241.09	324.34 9.72 -236.82	203.14 7.50 -133.10	134.94 5.74 -79.68	61.12 5.38 -6.83	55.34 4.85 -4.75	44.53 4.41 0.00	39.94 3.42 -0.57
GLENWOOD_IC_2_G1 23688	36.60 2.82 -3.11	35.52 2.46 -5.06	32.62 2.24 -5.21	27.73 2.05 -1.31	26.97 2.10 -0.45	28.30 2.19 0.00	30.89 2.45 0.00	35.86 2.79 -1.73	37.04 3.17 -0.89	38.45 3.11 0.00	42.11 4.31 0.00	54.28 4.69 -9.10	117.34 5.01 -69.15	181.69 5.41 -129.62	249.32 6.12 -191.75	301.86 8.18 -228.80	530.58 10.83 -435.86	479.20 9.72 -391.68	267.80 7.56 -197.70	186.56 5.74 -131.30	61.12 5.38 -6.83	55.29 4.80 -4.75	44.33 4.21 0.00	40.09 3.56 -0.57
GLENWOOD_IC_3_G1 23689	36.60 2.82 -3.11	35.52 2.46 -5.06	32.62 2.24 -5.21	27.73 2.05 -1.31	26.97 2.10 -0.45	28.30 2.19 0.00	30.89 2.45 0.00	35.86 2.79 -1.73	37.04 3.17 -0.89	38.45 3.11 0.00	42.11 4.31 0.00	54.28 4.69 -9.10	117.34 5.01 -69.15	181.69 5.41 -129.62	249.32 6.12 -191.75	301.86 8.18 -228.80	530.58 10.83 -435.86	479.20 9.72 -391.68	267.80 7.56 -197.70	186.56 5.74 -131.30	61.12 5.38 -6.83	55.29 4.80 -4.75	44.33 4.21 0.00	40.09 3.56 -0.57
GLENWOOD___4 23550	36.69 2.91 -3.11	35.60 2.55 -5.05	32.69 2.32 -5.20	27.80 2.12 -1.31	27.02 2.15 -0.45	28.40 2.30 0.00	31.00 2.56 0.00	35.99 2.92 -1.73	37.17 3.30 -0.89	38.69 3.36 0.00	42.30 4.50 0.00	51.35 4.78 -6.09	84.85 5.10 -36.57	120.58 5.37 -68.55	158.94 6.07 -101.41	201.71 8.37 -128.45	336.06 11.07 -241.09	324.57 9.96 -236.82	203.33 7.69 -133.10	135.09 5.89 -79.68	61.27 5.53 -6.83	55.43 4.94 -4.75	44.53 4.41 0.00	39.94 3.42 -0.57
GLENWOOD___5 23614	36.69 2.91 -3.11	35.60 2.55 -5.05	32.69 2.32 -5.20	27.80 2.12 -1.31	27.02 2.15 -0.45	28.40 2.30 0.00	31.00 2.56 0.00	35.99 2.92 -1.73	37.17 3.30 -0.89	38.69 3.36 0.00	42.30 4.50 0.00	51.35 4.78 -6.09	84.85 5.10 -36.57	120.58 5.37 -68.55	158.94 6.07 -101.41	201.71 8.37 -128.45	336.06 11.07 -241.09	324.57 9.96 -236.82	203.33 7.69 -133.10	135.09 5.89 -79.68	61.27 5.53 -6.83	55.43 4.94 -4.75	44.53 4.41 0.00	39.94 3.42 -0.57
GLOBAL GREEN_PORT_GT1 23814	37.06 3.28 -3.11	35.85 2.80 -5.05	33.09 2.72 -5.20	28.34 2.66 -1.31	27.65 2.78 -0.45	29.00 2.90 0.00	31.79 3.35 0.00	36.74 3.67 -1.73	38.29 4.42 -0.89	39.57 4.24 0.00	43.81 6.01 0.00	50.56 7.04 -3.03	54.24 7.55 -3.50	61.39 8.16 -6.57	70.28 9.11 -9.71	103.82 12.33 -26.60	143.49 16.19 -43.40	172.05 14.62 -79.63	141.64 11.57 -67.54	84.97 8.17 -27.29	62.98 7.24 -6.83	56.85 6.36 -4.76	44.89 4.77 0.00	40.69 4.17 -0.57
GLOBE___DSASP 323697	29.75 -0.92 0.00	26.91 -1.09 0.00	24.21 -0.96 0.00	23.54 -0.83 0.00	23.46 -0.95 0.00	25.27 -0.84 0.00	27.25 -1.19 0.00	29.31 -2.04 0.00	30.74 -2.24 0.00	32.93 -2.40 0.00	35.34 -2.46 0.00	38.54 -1.94 0.00	40.85 -2.33 0.00	44.42 -2.24 0.00	47.70 -3.76 0.00	56.01 -6.29 2.58	72.31 -8.31 3.28	73.37 -7.62 -3.20	59.04 -5.63 -2.13	47.08 -4.41 -1.98	46.16 -3.77 -1.01	43.04 -2.70 0.00	37.99 -2.13 0.00	34.95 -1.01 0.00
GOETHSLN___LBMP 323567	32.87 2.21 0.00	29.90 1.90 0.00	26.96 1.79 0.00	25.95 1.58 0.00	26.03 1.61 0.00	27.80 1.70 0.00	30.37 1.93 0.00	33.63 2.29 0.00	35.62 2.64 0.00	38.23 2.90 0.00	41.58 3.78 0.00	44.37 3.89 0.00	47.28 4.10 0.00	46.60 4.29 4.35	50.15 4.89 6.19	67.23 6.88 4.53	92.55 9.06 0.41	108.28 8.09 -22.39	83.69 6.19 -14.97	62.01 4.65 -7.84	51.22 4.35 2.05	49.27 3.84 0.31	43.73 3.61 0.00	38.55 2.59 0.00
GOLAH___69_KV_TB 1_2 80279	30.85 0.18 0.00	27.92 -0.08 0.00	25.07 -0.10 0.00	24.34 -0.02 0.00	24.34 -0.07 0.00	26.18 0.08 0.00	28.44 0.00 0.00	31.03 -0.31 0.00	32.55 -0.43 0.00	34.91 -0.42 0.00	37.39 -0.42 0.00	40.60 0.12 0.00	43.31 0.13 0.00	47.03 0.37 0.00	50.99 -0.46 0.00	61.24 -1.30 2.35	78.51 -1.76 3.63	77.85 -1.63 -1.69	61.47 -1.06 0.00	48.69 -0.79 0.04	48.33 -0.59 0.00	45.74 0.00 0.00	40.16 0.04 0.00	36.42 0.47 0.00

GOODYEAR_LAKE_HYD 323669	32.17 1.50 0.00	29.29 1.29 0.00	26.28 1.11 0.00	25.42 1.05 0.00	25.46 1.05 0.00	27.36 1.25 0.00	29.83 1.39 0.00	32.82 1.47 0.00	34.49 1.52 0.00	36.99 1.66 0.00	39.81 2.00 0.00	42.67 2.19 0.00	45.64 2.46 0.00	49.36 2.71 0.00	54.44 2.98 0.00	69.83 3.57 -1.38	91.49 4.53 -3.07	101.39 4.51 -19.08	112.81 3.88 -46.40	73.99 3.02 -21.45	62.54 3.18 -10.45	48.67 2.93 0.00	42.44 2.33 0.00	37.72 1.76 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.25 0.58 0.00	28.45 0.45 0.00	25.55 0.38 0.00	24.76 0.39 0.00	24.76 0.34 0.00	26.55 0.44 0.00	28.89 0.46 0.00	31.78 0.44 0.00	33.41 0.43 0.00	35.92 0.46 -0.13	38.48 0.68 0.00	41.50 1.01 0.00	44.17 0.99 0.00	47.82 1.17 0.00	52.54 1.08 0.00	64.83 0.65 0.71	85.07 0.84 -0.34	85.97 0.78 -7.40	71.22 1.13 -7.56	54.94 0.74 -4.69	52.21 0.93 -2.37	46.98 1.14 -0.09	41.14 1.00 -0.03	36.71 0.76 0.00
GOUDEY___7 23579	31.28 0.61 0.00	28.45 0.45 0.00	25.57 0.40 0.00	24.78 0.41 0.00	24.78 0.37 0.00	26.57 0.47 0.00	28.92 0.48 0.00	31.82 0.47 0.00	33.44 0.46 0.00	35.99 0.53 -0.13	38.52 0.72 0.00	41.54 1.05 0.00	44.22 1.04 0.00	47.87 1.21 0.00	52.59 1.13 0.00	64.96 0.78 0.71	85.15 0.92 -0.34	86.13 0.93 -7.40	71.29 1.19 -7.56	55.04 0.84 -4.69	52.26 0.98 -2.37	47.02 1.19 -0.09	41.18 1.04 -0.03	36.75 0.79 0.00
GOUDEY___8 23580	31.25 0.58 0.00	28.45 0.45 0.00	25.55 0.38 0.00	24.76 0.39 0.00	24.76 0.34 0.00	26.55 0.44 0.00	28.89 0.46 0.00	31.78 0.44 0.00	33.41 0.43 0.00	35.92 0.46 -0.13	38.48 0.68 0.00	41.50 1.01 0.00	44.17 0.99 0.00	47.82 1.17 0.00	52.54 1.08 0.00	64.83 0.65 0.71	85.07 0.84 -0.34	85.97 0.78 -7.40	71.22 1.13 -7.56	54.94 0.74 -4.69	52.21 0.93 -2.37	46.98 1.14 -0.09	41.14 1.00 -0.03	36.71 0.76 0.00
GOWANUS_GT1_1 24077	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GOWANUS_GT1_2 24078	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GOWANUS_GT1_3 24079	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GOWANUS_GT1_4 24080	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GOWANUS_GT1_5 24084	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GOWANUS_GT1_6 24111	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GOWANUS_GT1_7 24112	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GOWANUS_GT1_8 24113	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GOWANUS_GT2_1 24114	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
GOWANUS_GT2_2 24115	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
GOWANUS_GT2_3 24116	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00

GOWANUS_GT2_4 24117	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
GOWANUS_GT2_5 24118	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
GOWANUS_GT2_6 24119	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
GOWANUS_GT2_7 24120	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
GOWANUS_GT2_8 24121	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
GOWANUS_GT3_1 24122	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
GOWANUS_GT3_2 24123	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
GOWANUS_GT3_3 24124	33.27 2.61 0.00	30.21 2.21 0.00	27																					

GOWANUS_GT4_3 24132	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GOWANUS_GT4_4 24133	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GOWANUS_GT4_5 24134	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GOWANUS_GT4_6 24135	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GOWANUS_GT4_7 24136	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GOWANUS_GT4_8 24137	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GREENBSH_115KV_TB3 55895	31.31 0.64 0.00	28.62 0.62 0.00	25.75 0.58 0.00	24.93 0.56 0.00	24.95 0.54 0.00	26.62 0.52 0.00	29.01 0.57 0.00	31.97 0.63 0.00	33.70 0.73 0.00	36.04 0.71 0.00	38.86 1.06 0.00	41.62 1.13 0.00	44.39 1.21 0.00	47.96 1.31 0.00	53.05 1.60 0.00	22.58 2.21 44.51	8.33 3.02 78.58	0.00 2.80 80.60	4.19 2.13 60.46	62.70 1.63 -11.55	69.63 1.61 -19.10	47.16 1.42 0.00	41.48 1.36 0.00	36.64 0.68 0.00
GREENDGE_115KV_TB5 80291	31.34 0.67 0.00	28.42 0.42 0.00	25.52 0.35 0.00	24.71 0.34 0.00	24.73 0.32 0.00	26.60 0.50 0.00	29.01 0.57 0.00	31.88 0.53 0.00	33.41 0.43 0.00	35.86 0.42 -0.10	37.88 0.08 0.00	41.05 0.57 0.00	43.65 0.47 0.00	47.40 0.75 0.00	51.87 0.41 0.00	63.27 -0.19 1.42	82.43 -0.25 1.21	81.94 -0.08 -4.23	65.72 0.56 -2.63	52.27 0.30 -2.46	50.65 0.49 -1.25	46.59 0.78 -0.08	40.70 0.56 -0.02	36.97 1.01 0.00
GREENIDGE___3 23582	31.34 0.67 0.00	28.42 0.42 0.00	25.52 0.35 0.00	24.71 0.34 0.00	24.73 0.32 0.00	26.60 0.50 0.00	29.01 0.57 0.00	31.88 0.53 0.00	33.41 0.43 0.00	35.86 0.42 -0.10	37.88 0.08 0.00	41.05 0.57 0.00	43.65 0.47 0.00	47.40 0.75 0.00	51.87 0.41 0.00	63.27 -0.19 1.42	82.43 -0.25 1.21	81.94 -0.08 -4.23	65.72 0.56 -2.63	52.27 0.30 -2.46	50.65 0.49 -1.25	46.59 0.78 -0.08	40.70 0.56 -0.02	36.97 1.01 0.00
GREENIDGE___4 23583	31.34 0.67 0.00	28.42 0.42 0.00	25.52 0.35 0.00	24.73 0.37 0.00	24.76 0.34 0.00	26.60 0.49 0.00	29.01 0.57 0.00	31.88 0.53 0.00	33.37 0.40 0.00	35.93 0.49 -0.10	37.95 0.15 0.00	41.05 0.57 0.00	43.66 0.48 0.00	47.31 0.65 0.00	51.71 0.26 0.00	63.27 -0.19 1.42	82.43 -0.25 1.21	81.94 -0.08 -4.23	65.72 0.56 -2.63	52.32 0.35 -2.46	50.65 0.49 -1.25	46.54 0.73 -0.08	40.74 0.60 -0.02	37.11 1.15 0.00
GREENLWN_69_KV_BK 3 55738	36.17 2.39 -3.11	35.24 2.18 -5.05	32.39 2.01 -5.20	27.51 1.83 -1.31	26.72 1.86 -0.45	28.03 1.93 0.00	30.63 2.19 0.00	35.58 2.51 -1.73	36.57 2.70 -0.89	37.91 2.58 0.00	41.43 3.63 0.00	47.69 4.09 -3.11	52.00 4.40 -4.42	59.56 4.62 -8.28	69.01 5.30 -12.25	101.76 7.46 -29.41	142.65 9.90 -48.86	170.70 8.95 -83.96	138.74 6.88 -69.33	83.44 5.20 -28.73	60.49 4.74 -6.83	54.70 4.21 -4.75	43.61 3.49 0.00	39.15 2.62 -0.57
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00
GRISSOM___SOLAR 323813	34.59 3.93 0.00	31.56 3.56 0.00	28.16 2.99 0.00	27.17 2.80 0.00	27.29 2.88 0.00	29.29 3.18 0.00	32.08 3.64 0.00	35.17 3.82 0.00	36.74 3.76 0.00	38.90 3.57 0.00	41.89 4.08 0.00	45.06 4.57 0.00	48.23 5.05 0.00	52.11 5.46 0.00	57.89 6.43 0.00	77.45 8.24 -4.33	105.78 11.25 -10.64	155.03 12.06 -65.18	214.34 10.38 -141.43	118.47 8.12 -60.83	86.46 8.32 -29.23	53.38 7.64 0.00	45.89 5.78 0.00	40.74 4.78 0.00
GROVEVILLE___HYD 323602	32.93 2.27 0.00	29.99 1.99 0.00	26.98 1.81 0.00	26.05 1.68 0.00	26.12 1.71 0.00	27.88 1.77 0.00	30.40 1.96 0.00	33.48 2.13 0.00	35.45 2.47 0.00	38.02 2.69 0.00	41.36 3.55 0.00	44.33 3.85 0.00	47.45 4.27 0.00	51.18 4.53 0.00	56.70 5.25 0.00	74.10 7.20 -2.02	98.87 9.40 -5.57	114.16 8.56 -27.81	96.49 6.63 -27.33	69.60 5.10 -14.98	60.67 4.79 -6.96	49.90 4.16 0.00	43.69 3.57 0.00	38.44 2.48 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.76 0.09 0.00	28.03 0.03 0.00	25.17 0.00 0.00	24.37 0.00 0.00	24.44 0.02 0.00	26.13 0.03 0.00	28.50 0.06 0.00	31.44 0.09 0.00	33.01 0.03 0.00	35.71 0.04 -0.34	37.95 0.15 0.00	40.89 0.40 0.00	43.57 0.39 0.00	47.22 0.56 0.00	51.97 0.51 0.00	65.34 0.45 0.00	86.69 0.50 -2.29	80.82 0.47 -2.56	63.10 0.56 0.00	49.86 0.35 0.00	49.30 0.39 0.00	46.40 0.41 -0.25	40.47 0.28 -0.07	36.11 0.14 -0.01

HILLBURN___GT 23639	32.69 2.02 0.00	29.79 1.79 0.00	26.81 1.64 0.00	25.88 1.51 0.00	25.95 1.54 0.00	27.70 1.59 0.00	30.17 1.74 0.00	33.26 1.91 0.00	35.19 2.21 0.00	37.70 2.37 0.00	40.98 3.18 0.00	43.92 3.44 0.00	46.93 3.75 0.00	50.67 4.01 0.00	56.03 4.58 0.00	73.43 6.23 -2.32	98.13 8.23 -6.01	112.34 7.39 -27.15	94.62 5.63 -26.45	67.93 4.31 -14.11	59.28 3.96 -6.41	49.26 3.52 0.00	43.25 3.13 0.00	38.44 2.48 0.00
HILLSIDE_115KV_TB1 80332	30.97 0.31 0.00	28.11 0.11 0.00	25.25 0.08 0.00	24.51 0.15 0.00	24.49 0.07 0.00	26.31 0.21 0.00	28.58 0.14 0.00	31.34 0.00 0.00	32.94 -0.03 0.00	35.44 0.00 -0.11	37.92 0.11 0.00	41.09 0.61 0.00	43.65 0.47 0.00	47.22 0.56 0.00	51.66 0.21 0.00	62.79 -0.97 1.13	82.15 -1.26 0.49	82.59 -1.17 -5.96	68.23 -0.13 -5.82	52.90 -0.25 -3.64	50.80 0.05 -1.84	46.41 0.59 -0.08	40.70 0.56 -0.02	36.43 0.47 0.00
HISHELDN_WT_PWR 323625	30.88 0.22 0.00	27.94 -0.06 0.00	25.12 -0.05 0.00	24.42 0.05 0.00	24.34 -0.07 0.00	26.18 0.08 0.00	28.30 -0.14 0.00	30.72 -0.63 0.00	32.22 -0.76 0.00	34.70 -0.63 0.00	37.24 -0.57 0.00	40.36 -0.12 0.00	42.75 -0.43 0.00	46.15 -0.51 0.00	49.86 -1.60 0.00	59.32 -3.38 2.19	76.69 -4.45 2.75	77.43 -4.13 -3.76	62.82 -2.25 -2.54	50.14 -1.73 -2.36	48.70 -1.42 -1.21	45.24 -0.50 0.00	40.00 -0.12 0.00	36.46 0.50 0.00
HOLTSVILLE_IC_1 23690	36.48 2.70 -3.11	35.41 2.35 -5.05	32.61 2.24 -5.20	27.78 2.10 -1.31	27.02 2.15 -0.45	28.24 2.14 0.00	30.86 2.42 0.00	35.74 2.66 -1.73	36.90 3.03 -0.89	37.99 2.65 0.00	41.66 3.86 0.00	47.84 4.33 -3.02	51.38 4.75 -3.45	58.25 5.13 -6.46	66.82 5.81 -9.56	99.29 7.98 -26.43	137.35 10.40 -43.06	166.56 9.41 -79.36	137.33 7.38 -67.42	82.41 5.69 -27.20	60.88 5.13 -6.83	55.02 4.53 -4.76	43.77 3.65 0.00	39.80 3.27 -0.57
HOLTSVILLE_IC_10 23699	36.69 2.91 -3.11	35.57 2.52 -5.05	32.77 2.39 -5.20	27.92 2.24 -1.31	27.16 2.29 -0.45	28.40 2.30 0.00	31.03 2.59 0.00	35.93 2.85 -1.73	37.14 3.27 -0.89	38.23 2.90 0.00	42.00 4.20 0.00	48.31 4.77 -3.05	52.11 5.22 -3.70	59.24 5.64 -6.94	68.05 6.33 -10.27	100.67 8.56 -27.22	139.66 11.16 -44.60	168.50 10.11 -80.60	138.42 7.94 -67.94	83.37 6.24 -27.61	61.42 5.67 -6.83	55.48 4.99 -4.76	44.13 4.01 0.00	40.12 3.60 -0.57
HOLTSVILLE_IC_2 23691	36.48 2.70 -3.11	35.41 2.35 -5.05	32.61 2.24 -5.20	27.78 2.10 -1.31	27.02 2.15 -0.45	28.24 2.14 0.00	30.86 2.42 0.00	35.74 2.66 -1.73	36.90 3.03 -0.89	37.99 2.65 0.00	41.66 3.86 0.00	47.84 4.33 -3.02	51.38 4.75 -3.45	58.25 5.13 -6.46	66.82 5.81 -9.56	99.29 7.98 -26.43	137.35 10.40 -43.06	166.56 9.41 -79.36	137.33 7.38 -67.42	82.41 5.69 -27.20	60.88 5.13 -6.83	55.02 4.53 -4.76	43.77 3.65 0.00	39.80 3.27 -0.57
HOLTSVILLE_IC_3 23692	36.48 2.70 -3.11	35.41 2.35 -5.05	32.61 2.24 -5.20	27.78 2.10 -1.31	27.02 2.15 -0.45	28.24 2.14 0.00	30.86 2.42 0.00	35.74 2.66 -1.73	36.90 3.03 -0.89	37.99 2.65 0.00	41.66 3.86 0.00	47.84 4.33 -3.02	51.38 4.75 -3.45	58.25 5.13 -6.46	66.82 5.81 -9.56	99.29 7.98 -26.43	137.35 10.40 -43.06	166.56 9.41 -79.36	137.33 7.38 -67.42	82.41 5.69 -27.20	60.88 5.13 -6.83	55.02 4.53 -4.76	43.77 3.65 0.00	39.80 3.27 -0.57
HOLTSVILLE_IC_4 23693	36.48 2.70 -3.11	35.41 2.35 -5.05	32.61 2.24 -5.20	27.78 2.10 -1.31	27.02 2.15 -0.45	28.24 2.14 0.00	30.86 2.42 0.00	35.74 2.66 -1.73	36.90 3.03 -0.89	37.99 2.65 0.00	41.66 3.86 0.00	47.84 4.33 -3.02	51.38 4.75 -3.45	58.25 5.13 -6.46	66.82 5.81 -9.56	99.29 7.98 -26.43	137.35 10.40 -43.06	166.56 9.41 -79.36	137.33 7.38 -67.42	82.41 5.69 -27.20	60.88 5.13 -6.83	55.02 4.53 -4.76	43.77 3.65 0.00	39.80 3.27 -0.57
HOLTSVILLE_IC_5 23694	36.48 2.70 -3.11	35.41 2.35 -5.05	32.61 2.24 -5.20	27.78 2.10 -1.31	27.02 2.15 -0.45	28.24 2.14 0.00	30.86 2.42 0.00	35.74 2.66 -1.73	36.90 3.03 -0.89	37.99 2.65 0.00	41.66 3.86 0.00	47.84 4.33 -3.02	51.38 4.75 -3.45	58.25 5.13 -6.46	66.82 5.81 -9.56	99.29 7.98 -26.43	137.35 10.40 -43.06	166.56 9.41 -79.36	137.33 7.38 -67.42	82.41 5.69 -27.20	60.88 5.13 -6.83	55.02 4.53 -4.76	43.77 3.65 0.00	39.80 3.27 -0.57
HOLTSVILLE_IC_6 23695	36.69 2.91 -3.11	35.57 2.52 -5.05	32.77 2.39 -5.20	27.92 2.24 -1.31	27.16 2.29 -0.45	28.40 2.30 0.00	31.03 2.59 0.00	35.93 2.85 -1.73	37.14 3.27 -0.89	38.23 2.90 0.00	42.00 4.20 0.00	48.31 4.77 -3.05	52.11 5.22 -3.70	59.24 5.64 -6.94	68.05 6.33 -10.27	100.67 8.56 -27.22	139.66 11.16 -44.60	168.50 10.11 -80.60	138.42 7.94 -67.94	83.37 6.24 -27.61	61.42 5.67 -6.83	55.48 4.99 -4.76	44.13 4.01 0.00	40.12 3.60 -0.57
HOLTSVILLE_IC_7 23696	36.69 2.91 -3.11	35.57 2.52 -5.05	32.77 2.39 -5.20	27.92 2.24 -1.31	27.16 2.29 -0.45	28.40 2.30 0.00	31.03 2.59 0.00	35.93 2.85 -1.73	37.14 3.27 -0.89	38.23 2.90 0.00	42.00 4.20 0.00	48.31 4.77 -3.05	52.11 5.22 -3.70	59.24 5.64 -6.94	68.05 6.33 -10.27	100.67 8.56 -27.22	139.66 11.16 -44.60	168.50 10.11 -80.60	138.42 7.94 -67.94	83.37 6.24 -27.61	61.42 5.67 -6.83	55.48 4.99 -4.76	44.13 4.01 0.00	40.12 3.60 -0.57
HOLTSVILLE_IC_8 23697	36.69 2.91 -3.11	35.57 2.52 -5.05	32.77 2.39 -5.20	27.92 2.24 -1.31	27.16 2.29 -0.45	28.40 2.30 0.00	31.03 2.59 0.00	35.93 2.85 -1.73	37.14 3.27 -0.89	38.23 2.90 0.00	42.00 4.20 0.00	48.31 4.77 -3.05	52.11 5.22 -3.70	59.24 5.64 -6.94	68.05 6.33 -10.27	100.67 8.56 -27.22	139.66 11.16 -44.60	168.50 10.11 -80.60	138.42 7.94 -67.94	83.37 6.24 -27.61	61.42 5.67 -6.83	55.48 4.99 -4.76	44.13 4.01 0.00	40.12 3.60 -0.57
HOLTSVILLE_IC_9 23698	36.69 2.91 -3.11	35.57 2.52 -5.05	32.77 2.39 -5.20	27.92 2.24 -1.31	27.16 2.29 -0.45	28.40 2.30 0.00	31.03 2.59 0.00	35.93 2.85 -1.73	37.14 3.27 -0.89	38.23 2.90 0.00	42.00 4.20 0.00	48.31 4.77 -3.05	52.11 5.22 -3.70	59.24 5.64 -6.94	68.05 6.33 -10.27	100.67 8.56 -27.22	139.66 11.16 -44.60	168.50 10.11 -80.60	138.42 7.94 -67.94	83.37 6.24 -27.61	61.42 5.67 -6.83	55.48 4.99 -4.76	44.13 4.01 0.00	40.12 3.60 -0.57
HOMER_HL_115KV_TB2 355744	31.00 0.34 0.00	28.03 0.03 0.00	25.15 -0.03 0.00	24.46 0.10 0.00	24.37 -0.05 0.00	26.31 0.21 0.00	28.47 0.03 0.00	31.06 -0.28 0.00	32.68 -0.30 0.00	35.09 -0.25 0.00	37.73 -0.08 0.00	41.13 0.65 0.00	43.05 -0.13 0.00	46.61 -0.05 0.00	50.58 -0.87 0.00	58.63 -4.15 2.10	75.76 -5.54 2.59	76.63 -5.13 -3.97	63.22 -2.00 -2.69	49.94 -2.08 -2.51	48.92 -1.27 -1.28	45.56 -0.18 0.00	40.52 0.40 0.00	36.57 0.61 0.00
HOWARD_WT_PWR 323690	31.65 0.98 0.00	28.64 0.64 0.00	25.75 0.58 0.00	24.98 0.61 0.00	24.95 0.54 0.00	26.83 0.73 0.00	29.18 0.74 0.00	31.91 0.56 0.00	33.37 0.40 0.00	35.97 0.56 -0.08	38.44 0.64 0.00	41.62 1.13 0.00	44.00 0.82 0.00	47.40 0.74 0.00	51.45 0.00 1.59	62.06 -1.23 1.59	80.75 -1.68 1.47	81.03 -1.48 -4.72	65.71 0.13 -3.05	52.62 0.25 -2.86	50.90 0.54 -1.45	46.98 1.19 -0.06	41.41 1.28 -0.02	37.47 1.51 0.00

HQ_GEN_CEDARS 23644	30.05 -0.61 0.00	27.58 -0.42 0.00	24.77 -0.40 0.00	24.03 -0.34 0.00	24.05 -0.37 0.00	25.71 -0.39 0.00	28.10 -0.34 0.00	31.03 -0.31 0.00	32.55 -0.43 0.00	34.87 -0.46 0.00	36.93 -0.87 0.00	38.70 -1.78 0.00	41.15 -2.03 0.00	44.42 -2.24 0.00	47.42 -2.47 1.57	46.88 -2.98 15.02	47.79 -3.86 32.25	47.67 -3.66 26.47	52.21 -3.25 7.07	47.19 -2.33 0.00	46.52 -2.40 0.00	43.54 -2.20 0.00	38.27 -1.85 0.00	35.56 -0.40 0.00
HQ_GEN_CEDARS_PROXY 323590	30.05 -0.61 0.00	27.58 -0.42 0.00	24.77 -0.40 0.00	24.03 -0.34 0.00	24.05 -0.37 0.00	25.71 -0.39 0.00	28.10 -0.34 0.00	31.03 -0.31 0.00	32.55 -0.43 0.00	34.87 -0.46 0.00	36.70 -1.10 0.00	38.70 -1.78 0.00	41.15 -2.03 0.00	44.37 -2.29 0.00	47.47 -2.42 1.57	46.88 -2.98 15.02	47.79 -3.86 32.25	47.67 -3.66 26.47	52.39 -3.25 6.89	47.14 -2.38 0.00	46.57 -2.35 0.00	43.64 -2.10 0.00	38.23 -1.88 0.00	35.27 -0.68 0.00
HQ_GEN_IMPORT 323601	30.14 -0.52 0.00	27.58 -0.42 0.00	24.79 -0.38 0.00	24.00 -0.36 0.00	24.05 -0.37 0.00	25.68 -0.42 0.00	28.01 -0.43 0.00	30.91 -0.44 0.00	32.48 -0.49 0.00	34.80 -0.53 0.00	36.86 -0.94 0.00	39.35 -1.13 0.00	41.93 -1.25 0.00	45.26 -1.40 0.00	49.59 -1.49 0.37	59.52 -1.82 3.54	73.94 -2.35 7.61	69.29 -2.26 6.25	59.01 -1.87 1.65	48.08 -1.44 0.00	47.49 -1.42 0.00	44.46 -1.28 0.00	38.99 -1.12 0.00	35.20 -0.76 0.00
HQ_GEN_WHEEL 23651	30.14 -0.52 0.00	27.58 -0.42 0.00	24.79 -0.38 0.00	24.00 -0.36 0.00	24.05 -0.37 0.00	25.68 -0.42 0.00	28.01 -0.43 0.00	30.91 -0.44 0.00	32.48 -0.49 0.00	34.80 -0.53 0.00	36.86 -0.94 0.00	39.35 -1.13 0.00	41.93 -1.25 0.00	45.26 -1.40 0.00	49.59 -1.49 0.37	59.52 -1.82 3.54	73.94 -2.35 7.61	69.29 -2.26 6.25	59.01 -1.87 1.65	48.08 -1.44 0.00	47.49 -1.42 0.00	44.46 -1.28 0.00	38.99 -1.12 0.00	35.20 -0.76 0.00
HUDSON AVE_GT_3 23810	33.09 2.42 0.00	30.10 2.10 0.00	27.11 1.94 0.00	26.10 1.73 0.00	26.17 1.76 0.00	27.96 1.85 0.00	30.54 2.10 0.00	33.82 2.48 0.00	35.81 2.84 0.00	38.44 3.11 0.00	41.85 4.04 0.00	44.73 4.25 0.00	47.71 4.53 0.00	51.37 4.71 0.00	56.86 5.40 0.00	75.04 7.46 -2.70	100.61 9.90 -6.81	116.14 8.79 -29.55	98.21 6.75 -28.92	69.80 5.10 -15.18	60.54 4.79 -6.83	49.99 4.25 0.00	44.05 3.93 0.00	38.76 2.80 0.00
HUDSON AVE_GT_4 23540	33.09 2.42 0.00	30.10 2.10 0.00	27.11 1.94 0.00	26.10 1.73 0.00	26.17 1.76 0.00	27.96 1.85 0.00	30.54 2.10 0.00	33.82 2.48 0.00	35.81 2.84 0.00	38.44 3.11 0.00	41.85 4.04 0.00	44.73 4.25 0.00	47.71 4.53 0.00	51.37 4.71 0.00	56.86 5.40 0.00	75.04 7.46 -2.70	100.61 9.90 -6.81	116.14 8.79 -29.55	98.21 6.75 -28.92	69.80 5.10 -15.18	60.54 4.79 -6.83	49.99 4.25 0.00	44.05 3.93 0.00	38.76 2.80 0.00
HUDSON AVE_GT_5 23657	33.09 2.42 0.00	30.10 2.10 0.00	27.11 1.94 0.00	26.10 1.73 0.00	26.17 1.76 0.00	27.96 1.85 0.00	30.54 2.10 0.00	33.82 2.48 0.00	35.81 2.84 0.00	38.44 3.11 0.00	41.85 4.04 0.00	44.73 4.25 0.00	47.71 4.53 0.00	51.37 4.71 0.00	56.86 5.40 0.00	75.04 7.46 -2.70	100.61 9.90 -6.81	116.14 8.79 -29.55	98.21 6.75 -28.92	69.80 5.10 -15.18	60.54 4.79 -6.83	49.99 4.25 0.00	44.05 3.93 0.00	38.76 2.80 0.00
HUDSON_AVE_10 24168	32.96 2.30 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.02 1.66 0.00	26.10 1.68 0.00	27.88 1.77 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.34 3.00 0.00	41.73 3.93 0.00	44.61 4.13 0.00	47.58 4.40 0.00	51.28 4.62 0.00	56.70 5.25 0.00	74.91 7.33 -2.70	100.44 9.73 -6.81	115.98 8.64 -29.55	98.08 6.63 -28.92	69.70 5.00 -15.18	60.44 4.70 -6.83	49.86 4.12 0.00	43.93 3.81 0.00	38.65 2.70 0.00
HUDSON___115KV_TB 4 355613	31.92 1.26 0.00	29.18 1.18 0.00	26.23 1.06 0.00	25.39 1.02 0.00	25.42 1.00 0.00	27.12 1.02 0.00	29.58 1.14 0.00	32.50 1.16 0.00	34.16 1.19 0.00	36.46 1.13 0.00	39.24 1.44 0.00	42.06 1.58 0.00	44.82 1.64 0.00	48.43 1.77 0.00	53.72 2.26 0.00	37.37 3.31 30.82	34.69 4.53 53.74	35.23 4.51 47.07	35.38 3.75 30.91	66.60 2.77 -14.31	68.00 2.69 -16.40	48.25 2.52 0.00	42.44 2.33 0.00	37.47 1.51 0.00
HUNTER MOUNT___DRP 323613	31.98 1.32 0.00	29.20 1.20 0.00	26.25 1.08 0.00	25.46 1.10 0.00	25.49 1.07 0.00	27.17 1.07 0.00	29.61 1.17 0.00	32.44 1.10 0.00	34.10 1.12 0.00	36.36 1.02 0.00	39.16 1.36 0.00	42.02 1.54 0.00	44.73 1.55 0.00	48.34 1.68 0.00	53.62 2.16 0.00	45.17 3.44 23.15	48.73 4.70 39.86	53.63 4.82 28.99	50.64 4.06 15.95	67.49 2.87 -15.10	66.16 2.74 -14.51	48.35 2.61 0.00	42.64 2.53 0.00	37.61 1.65 0.00
HUNTINGTON_RES_REC 323705	36.44 2.67 -3.11	35.41 2.35 -5.05	32.56 2.19 -5.20	27.70 2.02 -1.31	26.94 2.07 -0.45	28.22 2.11 0.00	30.80 2.36 0.00	35.74 2.66 -1.73	36.84 2.97 -0.89	37.99 2.65 0.00	41.73 3.93 0.00	48.00 4.45 -3.07	51.92 4.84 -3.91	59.20 5.22 -7.32	68.25 5.97 -10.83	100.93 8.18 -27.87	140.47 10.74 -45.83	169.15 9.72 -81.63	138.51 7.56 -68.42	83.31 5.84 -27.96	61.03 5.28 -6.83	55.11 4.62 -4.75	43.89 3.77 0.00	39.80 3.27 -0.57
HUNTLEY___63 23557	30.73 0.06 0.00	27.78 -0.22 0.00	24.97 -0.20 0.00	24.27 -0.10 0.00	24.20 -0.22 0.00	26.08 -0.03 0.00	28.16 -0.28 0.00	30.44 -0.91 0.00	31.96 -1.02 0.00	34.20 -1.13 0.00	36.74 -1.06 0.00	40.12 -0.36 0.00	42.49 -0.69 0.00	46.28 -0.37 0.00	49.55 -1.90 0.00	58.25 -4.15 2.48	75.08 -5.62 3.20	75.77 -5.29 -3.27	61.21 -3.50 -2.18	48.77 -2.77 -2.02	47.75 -2.20 -1.04	44.69 -1.05 0.00	39.39 -0.72 0.00	36.10 0.14 0.00
HUNTLEY___64 23558	30.73 0.06 0.00	27.78 -0.22 0.00	24.97 -0.20 0.00	24.27 -0.10 0.00	24.20 -0.22 0.00	26.08 -0.03 0.00	28.16 -0.28 0.00	30.44 -0.91 0.00	31.96 -1.02 0.00	34.20 -1.13 0.00	36.74 -1.06 0.00	40.12 -0.36 0.00	42.49 -0.69 0.00	46.28 -0.37 0.00	49.55 -1.90 0.00	58.25 -4.15 2.48	75.08 -5.62 3.20	75.77 -5.29 -3.27	61.21 -3.50 -2.18	48.77 -2.77 -2.02	47.75 -2.20 -1.04	44.69 -1.05 0.00	39.39 -0.72 0.00	36.10 0.14 0.00
HUNTLEY___65 23559	30.73 0.06 0.00	27.78 -0.22 0.00	24.97 -0.20 0.00	24.27 -0.10 0.00	24.20 -0.22 0.00	26.08 -0.03 0.00	28.16 -0.28 0.00	30.44 -0.91 0.00	31.96 -1.02 0.00	34.20 -1.13 0.00	36.74 -1.06 0.00	40.12 -0.36 0.00	42.49 -0.69 0.00	46.28 -0.37 0.00	49.55 -1.90 0.00	58.25 -4.15 2.48	75.08 -5.62 3.20	75.77 -5.29 -3.27	61.21 -3.50 -2.18	48.77 -2.77 -2.02	47.75 -2.20 -1.04	44.69 -1.05 0.00	39.39 -0.72 0.00	36.10 0.14 0.00
HUNTLEY___66 23560	30.73 0.06 0.00	27.78 -0.22 0.00	24.97 -0.20 0.00	24.27 -0.10 0.00	24.20 -0.22 0.00	26.08 -0.03 0.00	28.16 -0.28 0.00	30.44 -0.91 0.00	31.96 -1.02 0.00	34.20 -1.13 0.00	36.74 -1.06 0.00	40.12 -0.36 0.00	42.49 -0.69 0.00	46.28 -0.37 0.00	49.55 -1.90 0.00	58.25 -4.15 2.48	75.08 -5.62 3.20	75.77 -5.29 -3.27	61.21 -3.50 -2.18	48.77 -2.77 -2.02	47.75 -2.20 -1.04	44.69 -1.05 0.00	39.39 -0.72 0.00	36.10 0.14 0.00

HUNTLEY___67 23561	30.57 -0.09 0.00	27.64 -0.36 0.00	24.84 -0.33 0.00	24.15 -0.22 0.00	24.07 -0.34 0.00	25.92 -0.18 0.00	27.98 -0.46 0.00	30.22 -1.13 0.00	31.72 -1.25 0.00	34.03 -1.31 0.00	36.55 -1.25 0.00	39.84 -0.65 0.00	42.19 -0.99 0.00	45.91 -0.75 0.00	49.40 -2.06 0.00	58.11 -4.28 2.49	75.12 -5.62 3.15	75.92 -5.21 -3.34	61.39 -3.38 -2.24	48.82 -2.77 -2.08	47.77 -2.20 -1.06	44.46 -1.28 0.00	39.23 -0.88 0.00	35.96 0.00 0.00
HUNTLEY___68 23562	30.57 -0.09 0.00	27.64 -0.36 0.00	24.84 -0.33 0.00	24.15 -0.22 0.00	24.07 -0.34 0.00	25.92 -0.18 0.00	27.98 -0.46 0.00	30.22 -1.13 0.00	31.72 -1.25 0.00	34.03 -1.31 0.00	36.55 -1.25 0.00	39.84 -0.65 0.00	42.19 -0.99 0.00	45.91 -0.75 0.00	49.40 -2.06 0.00	58.11 -4.28 2.49	75.12 -5.62 3.15	75.92 -5.21 -3.34	61.39 -3.38 -2.24	48.82 -2.77 -2.08	47.77 -2.20 -1.06	44.46 -1.28 0.00	39.23 -0.88 0.00	35.96 0.00 0.00
HYLAND___LFGE 323620	32.35 1.69 0.00	29.26 1.26 0.00	26.25 1.08 0.00	25.47 1.10 0.00	25.46 1.05 0.00	27.43 1.33 0.00	29.83 1.39 0.00	32.38 1.03 0.00	33.24 0.26 0.00	35.40 0.07 0.00	37.39 -0.41 0.00	40.32 -0.16 0.00	42.75 -0.43 0.00	44.84 -1.82 0.00	49.24 -2.21 0.00	59.82 -3.11 1.95	77.73 -3.44 2.72	78.98 -2.41 -3.60	64.83 -0.12 -2.43	52.27 0.50 -2.26	51.19 1.13 -1.15	47.38 1.64 0.00	42.72 2.61 0.00	38.51 2.55 0.00
INDECK___CORINTH 23802	33.61 2.94 0.00	30.75 2.75 0.00	27.54 2.37 0.00	26.56 2.19 0.00	26.64 2.22 0.00	28.48 2.38 0.00	30.17 1.74 0.00	33.23 1.88 0.00	34.63 1.65 0.00	36.89 1.55 0.00	39.46 1.66 0.00	42.43 1.94 0.00	45.38 2.20 0.00	49.13 2.47 0.00	54.54 3.09 0.00	80.72 3.96 -11.87	113.96 5.96 -24.11	168.71 6.30 -84.62	236.47 5.69 -168.24	121.21 4.46 -67.24	83.67 4.50 -30.26	49.81 4.07 0.00	43.08 2.97 0.00	38.15 2.19 0.00
INDECK___ILION 23567	31.09 0.43 0.00	28.36 0.36 0.00	25.50 0.33 0.00	24.68 0.32 0.00	24.73 0.32 0.00	26.49 0.39 0.00	28.89 0.46 0.00	31.82 0.47 0.00	33.47 0.49 0.00	35.90 0.57 0.00	38.52 0.72 0.00	41.25 0.77 0.00	44.04 0.86 0.00	47.59 0.93 0.00	52.46 0.93 -0.08	66.83 1.17 -0.78	86.99 1.43 -1.67	80.65 1.48 -1.37	64.09 1.19 -0.37	50.41 0.89 0.00	49.84 0.93 0.00	46.65 0.91 0.00	40.88 0.76 0.00	36.46 0.50 0.00
INDECK___OLEAN 23982	30.97 0.31 0.00	28.03 0.03 0.00	25.15 -0.03 0.00	24.51 0.15 0.00	24.42 0.00 0.00	26.31 0.21 0.00	28.47 0.03 0.00	31.06 -0.28 0.00	32.65 -0.33 0.00	35.23 -0.11 0.00	37.84 0.04 0.00	41.13 0.65 0.00	43.05 -0.13 0.00	46.47 -0.19 0.00	50.27 -1.18 0.00	58.63 -4.15 2.10	75.76 -5.54 2.59	76.55 -5.21 -3.97	63.28 -1.94 -2.69	50.59 -1.44 -2.51	48.87 -1.32 -1.28	45.51 -0.23 0.00	40.60 0.48 0.00	36.82 0.86 0.00
INDECK___OSWEGO 23783	30.11 -0.55 0.00	27.47 -0.53 0.00	24.67 -0.50 0.00	23.93 -0.44 0.00	23.95 -0.46 0.00	25.63 -0.47 0.00	27.93 -0.51 0.00	30.78 -0.56 0.00	32.32 -0.66 0.00	35.47 -0.67 -0.81	37.20 -0.61 0.00	39.96 -0.53 0.00	42.27 -0.91 0.00	45.72 -0.93 0.00	50.32 -1.13 0.00	66.39 -1.56 -3.06	91.90 -2.18 -10.19	79.72 -1.94 -3.87	60.97 -1.38 0.19	48.42 -1.14 -0.05	47.84 -1.08 0.00	45.42 -0.91 -0.60	39.76 -0.52 -0.17	35.47 -0.50 -0.01
INDECK___YERKES 23781	30.76 0.09 0.00	27.81 -0.19 0.00	25.00 -0.17 0.00	24.32 -0.05 0.00	24.25 -0.17 0.00	26.10 0.00 0.00	28.18 -0.26 0.00	30.47 -0.88 0.00	31.99 -0.99 0.00	34.45 -0.88 0.00	36.97 -0.83 0.00	40.16 -0.33 0.00	42.53 -0.65 0.00	46.00 -0.65 0.00	49.24 -2.21 0.00	58.25 -4.15 2.48	75.08 -5.62 3.20	75.77 -5.29 -3.27	61.21 -3.50 -2.18	48.91 -2.63 -2.02	47.70 -2.25 -1.04	44.73 -1.01 0.00	39.51 -0.60 0.00	36.24 0.29 0.00
INDIAN POINT_GT_1 24139	32.72 2.05 0.00	29.79 1.79 0.00	26.83 1.66 0.00	25.85 1.49 0.00	25.93 1.51 0.00	27.70 1.59 0.00	30.20 1.76 0.00	33.35 2.01 0.00	35.25 2.28 0.00	37.81 2.47 0.00	41.05 3.25 0.00	43.96 3.48 0.00	46.98 3.80 0.00	50.62 3.97 0.00	56.03 4.58 0.00	73.81 6.29 -2.63	98.95 8.39 -6.66	114.40 7.55 -29.06	96.78 5.82 -28.43	68.93 4.46 -14.96	59.81 4.16 -6.74	49.40 3.66 0.00	43.36 3.25 0.00	38.19 2.23 0.00
INDIAN POINT_GT_2 23659	32.72 2.05 0.00	29.79 1.79 0.00	26.83 1.66 0.00	25.85 1.49 0.00	25.93 1.51 0.00	27.70 1.59 0.00	30.20 1.76 0.00	33.35 2.01 0.00	35.25 2.28 0.00	37.81 2.47 0.00	41.05 3.25 0.00	43.96 3.48 0.00	46.98 3.80 0.00	50.62 3.97 0.00	56.03 4.58 0.00	73.81 6.29 -2.63	98.95 8.39 -6.66	114.40 7.55 -29.06	96.78 5.82 -28.43	68.93 4.46 -14.96	59.81 4.16 -6.74	49.40 3.66 0.00	43.36 3.25 0.00	38.19 2.23 0.00
INDIAN POINT_GT_3 24019	32.72 2.05 0.00	29.79 1.79 0.00	26.83 1.66 0.00	25.85 1.49 0.00	25.93 1.51 0.00	27.70 1.59 0.00	30.20 1.76 0.00	33.35 2.01 0.00	35.25 2.28 0.00	37.81 2.47 0.00	41.05 3.25 0.00	43.96 3.48 0.00	46.98 3.80 0.00	50.62 3.97 0.00	56.03 4.58 0.00	73.81 6.29 -2.63	98.95 8.39 -6.66	114.40 7.55 -29.06	96.78 5.82 -28.43	68.93 4.46 -14.96	59.81 4.16 -6.74	49.40 3.66 0.00	43.36 3.25 0.00	38.19 2.23 0.00
INDIAN POINT___2 23530	32.66 1.99 0.00	29.76 1.77 0.00	26.78 1.61 0.00	25.83 1.46 0.00	25.93 1.51 0.00	27.67 1.57 0.00	30.17 1.74 0.00	33.29 1.94 0.00	35.19 2.21 0.00	37.67 2.33 0.00	40.98 3.18 0.00	43.88 3.40 0.00	46.85 3.67 0.00	50.58 3.92 0.00	55.93 4.47 0.00	73.50 6.10 -2.51	98.45 8.14 -6.42	113.39 7.24 -28.36	95.79 5.56 -27.70	68.42 4.26 -14.65	59.45 3.91 -6.62	49.21 3.47 0.00	43.25 3.13 0.00	38.44 2.48 0.00
INDIAN POINT___3 23531	32.66 1.99 0.00	29.76 1.76 0.00	26.78 1.61 0.00	25.83 1.46 0.00	25.90 1.49 0.00	27.67 1.57 0.00	30.17 1.73 0.00	33.29 1.94 0.00	35.19 2.21 0.00	37.70 2.37 0.00	40.94 3.14 0.00	43.84 3.36 0.00	46.81 3.63 0.00	50.48 3.83 0.00	55.83 4.37 0.00	73.55 6.03 -2.63	98.63 8.05 -6.68	114.13 7.23 -29.10	96.56 5.57 -28.47	68.70 4.21 -14.98	59.62 3.96 -6.75	49.26 3.52 0.00	43.24 3.13 0.00	38.11 2.16 0.00
INGHAM_C_115KV_TB7 356103	31.25 0.58 0.00	28.53 0.53 0.00	25.62 0.45 0.00	24.83 0.46 0.00	24.88 0.46 0.00	26.70 0.60 0.00	29.09 0.65 0.00	32.07 0.72 0.00	33.74 0.76 0.00	36.18 0.85 0.00	38.78 0.98 0.00	41.54 1.05 0.00	44.35 1.17 0.00	47.92 1.26 0.00	52.62 1.08 -0.08	66.96 1.30 -0.78	87.16 1.59 -1.67	80.80 1.63 -1.37	64.28 1.38 -0.37	50.55 1.04 0.00	49.94 1.03 0.00	46.88 1.14 0.00	41.04 0.92 0.00	36.64 0.68 0.00
IP CORINTH___1 23988	33.61 2.94 0.00	30.74 2.74 0.00	27.54 2.37 0.00	26.56 2.19 0.00	26.61 2.20 0.00	28.48 2.38 0.00	30.32 1.88 0.00	33.38 2.04 0.00	34.82 1.85 0.00	37.10 1.77 0.00	39.69 1.89 0.00	42.67 2.19 0.00	45.60 2.42 0.00	49.36 2.71 0.00	54.80 3.34 0.00	81.04 4.28 -11.87	114.46 6.46 -24.11	169.10 6.69 -84.62	236.84 6.07 -168.24	121.45 4.70 -67.24	83.97 4.79 -30.26	50.13 4.39 0.00	43.32 3.21 0.00	38.22 2.27 0.00

IP___TICONDEROGA 23804	35.20 4.54 0.00	32.28 4.28 0.00	28.82 3.65 0.00	27.78 3.41 0.00	27.83 3.42 0.00	29.84 3.73 0.00	32.02 3.58 0.00	35.26 3.92 0.00	36.80 3.83 0.00	39.11 3.78 0.00	41.92 4.12 0.00	45.18 4.70 0.00	48.23 5.05 0.00	52.26 5.60 0.00	58.04 6.59 0.00	85.57 8.31 -12.38	120.41 11.49 -25.02	175.35 11.82 -85.73	241.63 10.32 -168.78	124.75 8.12 -67.12	87.28 8.32 -30.05	53.42 7.68 0.00	45.77 5.66 0.00	40.34 4.39 0.00
ISLIP_RES_REC 323679	36.91 3.13 -3.11	35.72 2.66 -5.05	32.92 2.54 -5.20	28.04 2.36 -1.31	27.31 2.44 -0.45	28.56 2.45 0.00	31.20 2.76 0.00	36.15 3.07 -1.73	37.40 3.53 -0.89	38.52 3.18 0.00	42.37 4.57 0.00	48.77 5.22 -3.06	52.75 5.70 -3.87	60.06 6.16 -7.25	69.12 6.94 -10.72	102.01 9.41 -27.72	141.63 12.16 -45.57	170.20 11.04 -81.36	139.48 8.69 -68.26	84.17 6.78 -27.87	61.91 6.16 -6.83	55.94 5.44 -4.76	44.49 4.37 0.00	40.41 3.88 -0.57
JAMAICA__27_KV_LOAD 355505	33.12 2.45 0.00	30.18 2.18 0.00	27.18 2.01 0.00	26.15 1.78 0.00	26.25 1.83 0.00	28.03 1.93 0.00	30.71 2.28 0.00	33.95 2.60 0.00	35.98 3.00 0.00	38.62 3.29 0.00	42.07 4.27 0.00	45.02 4.53 0.00	48.02 4.84 0.00	51.74 5.09 0.00	57.27 5.81 0.00	75.69 8.11 -2.70	101.45 10.74 -6.81	116.99 9.65 -29.55	98.96 7.50 -28.92	70.34 5.64 -15.18	61.08 5.33 -6.83	50.40 4.67 0.00	44.33 4.21 0.00	38.94 2.98 0.00
JANIS___SOLAR 323808	32.35 1.69 0.00	29.43 1.43 0.00	26.38 1.21 0.00	25.56 1.19 0.00	25.61 1.20 0.00	27.54 1.43 0.00	30.12 1.68 0.00	33.10 1.75 0.00	34.53 1.55 0.00	37.04 1.55 -0.16	39.43 1.62 0.00	42.39 1.90 0.00	45.25 2.07 0.00	49.13 2.47 0.00	53.98 2.52 0.00	67.22 2.92 0.59	88.35 3.86 -0.59	88.91 4.28 -6.84	74.77 4.19 -8.05	57.60 3.37 -4.71	54.72 3.42 -2.38	49.10 3.25 -0.12	42.75 2.61 -0.03	38.26 2.30 0.00
JARVIS____ 23743	30.88 0.22 0.00	28.20 0.20 0.00	25.35 0.18 0.00	24.51 0.15 0.00	24.59 0.17 0.00	26.29 0.18 0.00	28.64 0.20 0.00	31.57 0.22 0.00	33.21 0.23 0.00	35.58 0.25 0.00	38.18 0.38 0.00	40.93 0.45 0.00	43.70 0.52 0.00	47.22 0.56 0.00	52.16 0.62 -0.08	66.44 0.78 -0.78	86.49 0.92 -1.67	80.10 0.94 -1.37	63.65 0.75 -0.36	50.11 0.60 0.00	49.50 0.59 0.00	46.29 0.55 0.00	40.60 0.48 0.00	36.28 0.32 0.00
JENNISON___1 23625	32.57 1.90 0.00	29.65 1.65 0.00	26.55 1.38 0.00	25.73 1.36 0.00	25.76 1.34 0.00	27.75 1.64 0.00	30.32 1.88 0.00	33.32 1.97 0.00	34.92 1.95 0.00	37.53 2.08 -0.11	40.15 2.34 0.00	43.16 2.67 0.00	46.16 2.98 0.00	50.11 3.45 0.00	55.11 3.65 0.00	68.42 4.09 0.55	89.59 5.20 -0.49	92.13 5.29 -9.04	79.86 4.75 -12.58	60.30 3.66 -7.13	56.33 3.82 -3.60	49.39 3.57 -0.08	43.03 2.89 -0.02	38.30 2.34 0.00
JENNISON___2 23626	32.57 1.90 0.00	29.65 1.65 0.00	26.55 1.38 0.00	25.73 1.36 0.00	25.76 1.34 0.00	27.75 1.64 0.00	30.32 1.88 0.00	33.32 1.97 0.00	34.92 1.95 0.00	37.53 2.08 -0.11	40.15 2.34 0.00	43.16 2.67 0.00	46.16 2.98 0.00	50.11 3.45 0.00	55.11 3.65 0.00	68.42 4.09 0.55	89.59 5.20 -0.49	92.13 5.29 -9.04	79.86 4.75 -12.58	60.30 3.66 -7.13	56.33 3.82 -3.60	49.39 3.57 -0.08	43.03 2.89 -0.02	38.30 2.34 0.00
JERICHO_RISE_WT_PWR 323719	30.11 -0.55 0.00	27.72 -0.28 0.00	24.92 -0.25 0.00	24.20 -0.17 0.00	24.27 -0.15 0.00	25.95 -0.16 0.00	28.30 -0.14 0.00	31.25 -0.09 0.00	32.81 -0.16 0.00	35.19 -0.14 0.00	37.31 -0.49 0.00	39.67 -0.81 0.00	42.10 -1.08 0.00	44.79 -1.87 0.00	47.88 -2.01 1.57	47.43 -2.40 15.05	48.30 -3.27 32.32	48.07 -3.19 26.53	52.87 -2.57 7.09	47.68 -1.83 0.00	47.35 -1.57 0.00	44.92 -0.82 0.00	39.31 -0.80 0.00	35.63 -0.32 0.00
KATONAH___115KV_46KV_TB4 355592	32.96 2.30 0.00	30.02 2.02 0.00	26.98 1.81 0.00	26.00 1.63 0.00	26.10 1.68 0.00	27.88 1.77 0.00	30.43 1.99 0.00	33.63 2.29 0.00	35.52 2.54 0.00	38.09 2.76 0.00	41.39 3.59 0.00	44.41 3.93 0.00	47.54 4.36 0.00	51.23 4.57 0.00	56.75 5.30 0.00	75.02 7.40 -2.74	100.89 10.07 -6.92	117.03 9.18 -30.05	99.07 7.07 -29.47	70.42 5.45 -15.46	60.96 5.09 -6.96	50.08 4.35 0.00	43.85 3.73 0.00	38.55 2.59 0.00
KCE_NY_1 323755	33.15 2.48 0.00	30.32 2.32 0.00	27.18 2.01 0.00	26.24 1.88 0.00	26.32 1.91 0.00	28.14 2.04 0.00	30.40 1.96 0.00	33.48 2.13 0.00	35.12 2.14 0.00	37.45 2.12 0.00	40.30 2.49 0.00	43.27 2.79 0.00	46.29 3.11 0.00	50.06 3.40 0.00	55.47 4.02 0.00	84.11 5.12 -14.10	119.00 6.96 -28.14	174.23 6.92 -89.52	239.02 5.88 -170.61	120.82 4.61 -66.70	82.84 4.60 -29.33	49.94 4.21 0.00	43.41 3.29 0.00	38.47 2.52 0.00
KCE_NY_6_ESR 323823	30.97 0.31 0.00	28.00 0.00 0.00	25.17 0.00 0.00	24.49 0.12 0.00	24.42 0.00 0.00	26.29 0.18 0.00	28.38 -0.06 0.00	30.75 -0.60 0.00	32.28 -0.69 0.00	34.84 -0.49 0.00	37.39 -0.41 0.00	40.65 0.16 0.00	43.01 -0.17 0.00	46.52 -0.14 0.00	50.12 -1.34 0.00	59.20 -3.31 2.38	76.53 -4.37 3.00	77.17 -4.13 -3.50	62.69 -2.19 -2.35	50.02 -1.68 -2.19	48.61 -1.42 -1.12	45.33 -0.41 0.00	40.04 -0.08 0.00	36.61 0.65 0.00
KEDC_PORT_JEFF_GT2 24210	36.63 2.85 -3.11	35.49 2.43 -5.05	32.72 2.34 -5.20	27.85 2.17 -1.31	27.09 2.22 -0.45	28.32 2.22 0.00	30.91 2.47 0.00	35.83 2.76 -1.73	37.00 3.13 -0.89	38.12 2.79 0.00	41.81 4.01 0.00	48.02 4.49 -3.04	51.60 4.79 -3.62	58.49 5.04 -6.79	67.26 5.76 -10.05	99.78 7.91 -26.98	138.17 10.15 -44.12	167.11 9.10 -80.22	137.45 7.13 -67.79	82.64 5.64 -27.49	60.83 5.09 -6.83	54.89 4.39 -4.76	43.93 3.81 0.00	39.94 3.42 -0.57
KEDC_PORT_JEFF_GT3 24211	36.63 2.85 -3.11	35.49 2.43 -5.05	32.72 2.34 -5.20	27.85 2.17 -1.31	27.09 2.22 -0.45	28.32 2.22 0.00	30.91 2.47 0.00	35.83 2.76 -1.73	37.00 3.13 -0.89	38.12 2.79 0.00	41.81 4.01 0.00	48.02 4.49 -3.04	51.60 4.79 -3.62	58.49 5.04 -6.79	67.26 5.76 -10.05	99.78 7.91 -26.98	138.17 10.15 -44.12	167.11 9.10 -80.22	137.45 7.13 -67.79	82.64 5.64 -27.49	60.83 5.09 -6.83	54.89 4.39 -4.76	43.93 3.81 0.00	39.94 3.42 -0.57
KEDC_GLWD_GT4 24219	36.69 2.91 -3.11	35.60 2.55 -5.06	32.69 2.31 -5.21	27.83 2.14 -1.31	27.04 2.17 -0.45	28.40 2.30 0.00	31.00 2.56 0.00	35.99 2.92 -1.73	37.17 3.30 -0.89	38.58 3.25 0.00	42.34 4.53 0.00	51.39 4.82 -6.09	84.76 5.01 -36.57	120.67 5.46 -68.55	159.04 6.17 -101.41	201.58 8.24 -128.45	335.89 10.90 -241.09	324.41 9.80 -236.82	203.26 7.63 -133.10	134.99 5.79 -79.68	61.08 5.33 -6.83	55.25 4.76 -4.75	44.53 4.41 0.00	40.26 3.74 -0.57
KEDC_GLWD_GT5 24220	36.69 2.91 -3.11	35.60 2.55 -5.06	32.69 2.31 -5.21	27.83 2.14 -1.31	27.04 2.17 -0.45	28.40 2.30 0.00	31.00 2.56 0.00	35.99 2.92 -1.73	37.17 3.30 -0.89	38.58 3.25 0.00	42.34 4.53 0.00	51.39 4.82 -6.09	84.76 5.01 -36.57	120.67 5.46 -68.55	159.04 6.17 -101.41	201.58 8.24 -128.45	335.89 10.90 -241.09	324.41 9.80 -236.82	203.26 7.63 -133.10	134.99 5.79 -79.68	61.08 5.33 -6.83	55.25 4.76 -4.75	44.53 4.41 0.00	40.26 3.74 -0.57

KENSICO____ 23655	32.81 2.15 0.00	29.88 1.88 0.00	26.91 1.74 0.00	25.93 1.56 0.00	26.00 1.59 0.00	27.77 1.67 0.00	30.32 1.88 0.00	33.51 2.16 0.00	35.42 2.44 0.00	37.95 2.61 0.00	41.24 3.44 0.00	44.17 3.68 0.00	47.15 3.97 0.00	50.81 4.15 0.00	56.24 4.79 0.00	74.19 6.62 -2.69	99.41 8.73 -6.79	115.12 7.86 -29.46	97.44 6.07 -28.84	69.26 4.60 -15.14	60.03 4.30 -6.82	49.58 3.84 0.00	43.53 3.41 0.00	38.37 2.41 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.84 2.18 0.00	29.88 1.88 0.00	26.88 1.71 0.00	25.95 1.58 0.00	26.03 1.61 0.00	27.80 1.70 0.00	30.29 1.85 0.00	33.32 1.97 0.00	35.25 2.28 0.00	37.81 2.47 0.00	41.05 3.25 0.00	44.01 3.52 0.00	47.20 4.02 0.00	50.90 4.25 0.00	56.39 4.94 0.00	70.43 6.81 1.27	92.54 9.14 0.51	104.68 8.40 -18.48	88.33 6.57 -19.23	68.12 5.00 -13.61	60.83 4.70 -7.23	49.81 4.07 0.00	43.48 3.37 0.00	38.29 2.34 0.00
KIAC_JFK_GT1 23816	32.81 2.15 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.00 1.63 0.00	26.08 1.66 0.00	27.88 1.77 0.00	30.52 2.08 0.00	33.63 2.29 0.00	35.65 2.67 0.00	38.27 2.93 0.00	41.66 3.86 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.23 4.57 0.00	56.70 5.25 0.00	74.98 7.40 -2.70	100.53 9.82 -6.81	116.14 8.79 -29.55	98.21 6.75 -28.92	69.80 5.10 -15.18	60.54 4.79 -6.83	49.86 4.12 0.00	43.89 3.77 0.00	38.55 2.59 0.00
KIAC_JFK_GT2 23817	32.81 2.15 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.00 1.63 0.00	26.08 1.66 0.00	27.88 1.77 0.00	30.52 2.08 0.00	33.63 2.29 0.00	35.65 2.67 0.00	38.27 2.93 0.00	41.66 3.86 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.23 4.57 0.00	56.70 5.25 0.00	74.98 7.40 -2.70	100.53 9.82 -6.81	116.14 8.79 -29.55	98.21 6.75 -28.92	69.80 5.10 -15.18	60.54 4.79 -6.83	49.86 4.12 0.00	43.89 3.77 0.00	38.55 2.59 0.00
KIAC_JFK____ 323774	32.81 2.15 0.00	30.02 2.02 0.00	27.03 1.86 0.00	26.00 1.63 0.00	26.12 1.71 0.00	27.88 1.78 0.00	30.51 2.07 0.00	33.63 2.29 0.00	35.68 2.70 0.00	38.23 2.90 0.00	41.70 3.89 0.00	44.57 4.09 0.00	47.59 4.41 0.00	51.37 4.71 0.00	56.81 5.35 0.00	74.98 7.39 -2.70	100.52 9.81 -6.81	116.13 8.79 -29.55	98.21 6.76 -28.92	69.80 5.10 -15.18	60.49 4.74 -6.83	49.76 4.03 0.00	43.85 3.73 0.00	38.94 2.98 0.00
KINTIGH____ 23543	30.39 -0.28 0.00	27.50 -0.50 0.00	24.74 -0.43 0.00	24.03 -0.34 0.00	24.00 -0.42 0.00	25.82 -0.29 0.00	27.90 -0.54 0.00	30.22 -1.13 0.00	31.69 -1.29 0.00	33.99 -1.34 0.00	36.48 -1.32 0.00	39.63 -0.85 0.00	42.10 -1.08 0.00	45.77 -0.89 0.00	49.45 -2.01 0.00	59.27 -3.44 2.17	75.67 -4.61 3.62	75.47 -4.20 -1.87	59.34 -3.19 0.00	47.00 -2.48 0.04	46.81 -2.10 0.00	44.41 -1.33 0.00	39.11 -1.00 0.00	35.71 -0.25 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.91 0.25 0.00	28.50 0.50 0.00	25.60 0.43 0.00	24.85 0.49 0.00	24.90 0.49 0.00	26.68 0.57 0.00	29.15 0.71 0.00	32.22 0.88 0.00	33.74 0.76 0.00	36.22 0.88 0.00	38.48 0.68 0.00	40.93 0.45 0.00	43.40 0.22 0.00	46.70 0.05 0.00	48.83 -1.03 1.60	48.36 -1.23 15.29	49.12 -1.93 32.84	48.89 -1.94 26.96	53.58 -1.75 7.20	48.97 -0.54 0.00	47.84 -1.08 0.00	45.42 -0.32 0.00	40.56 0.44 0.00	36.96 1.01 0.00
LACHUTE____HYDRO 323717	35.20 4.54 0.00	32.28 4.28 0.00	28.82 3.65 0.00	27.78 3.41 0.00	27.86 3.44 0.00	29.84 3.73 0.00	32.02 3.58 0.00	35.26 3.92 0.00	36.80 3.82 0.00	39.12 3.78 0.00	41.92 4.12 0.00	45.18 4.69 0.00	48.23 5.05 0.00	52.25 5.60 0.00	58.04 6.59 0.00	85.57 8.31 -12.38	120.41 11.49 -25.02	175.34 11.82 -85.73	241.63 10.32 -168.78	124.75 8.12 -67.12	87.28 8.32 -30.05	53.38 7.64 0.00	45.77 5.66 0.00	40.52 4.57 0.00
LAWRNCALV_115KV_TB1 80681	29.68 -0.98 0.00	27.27 -0.73 0.00	24.49 -0.68 0.00	23.76 -0.61 0.00	23.80 -0.61 0.00	25.48 -0.63 0.00	27.87 -0.57 0.00	30.59 -0.75 0.00	32.09 -0.89 0.00	34.38 -0.95 0.00	36.40 -1.40 0.00	38.14 -2.35 0.00	40.37 -2.81 0.00	43.58 -3.08 0.00	46.85 -3.40 1.21	48.98 -4.28 11.63	53.05 -5.87 24.97	51.93 -5.37 20.49	53.12 -3.94 5.48	46.69 -2.82 0.00	46.08 -2.84 0.00	43.13 -2.61 0.00	37.95 -2.17 0.00	35.38 -0.58 0.00
LEDERLE____ 23769	32.81 2.15 0.00	29.90 1.90 0.00	26.91 1.74 0.00	25.98 1.61 0.00	26.03 1.61 0.00	27.80 1.70 0.00	30.29 1.85 0.00	33.38 2.04 0.00	35.32 2.34 0.00	37.84 2.51 0.00	41.13 3.33 0.00	44.09 3.60 0.00	47.11 3.93 0.00	50.76 4.11 0.00	56.24 4.79 0.00	73.84 6.55 -2.40	98.73 8.64 -6.19	113.25 7.78 -27.67	95.46 5.94 -26.99	68.41 4.56 -14.34	59.67 4.26 -6.50	49.54 3.80 0.00	43.44 3.33 0.00	38.26 2.30 0.00
LIGHTHSE_115KV_TB6 355974	30.42 -0.25 0.00	27.75 -0.25 0.00	24.89 -0.28 0.00	24.15 -0.22 0.00	24.22 -0.20 0.00	25.97 -0.13 0.00	28.35 -0.09 0.00	31.25 -0.09 0.00	32.78 -0.20 0.00	35.56 -0.21 -0.44	37.65 -0.15 0.00	40.40 -0.08 0.00	43.01 -0.17 0.00	46.56 -0.09 0.00	51.09 -0.26 0.11	64.03 -0.65 0.20	84.61 -1.26 -1.98	77.49 -0.93 -0.63	61.60 -0.44 0.49	49.23 -0.30 -0.01	48.77 -0.15 0.00	46.15 0.09 -0.32	40.25 0.04 -0.09	35.89 -0.07 -0.01
LINDEN COGEN____ 23786	32.87 2.21 0.00	29.90 1.90 0.00	26.93 1.76 0.00	25.93 1.56 0.00	26.05 1.64 0.00	27.77 1.67 0.00	30.37 1.93 0.00	33.60 2.26 0.00	35.62 2.64 0.00	38.16 2.83 0.00	41.58 3.78 0.00	44.37 3.89 0.00	47.28 4.10 0.00	46.69 4.38 4.35	50.25 4.99 6.19	67.17 6.81 4.53	92.55 9.06 0.41	108.28 8.09 -22.39	83.63 6.13 -14.97	62.01 4.65 -7.84	51.12 4.25 2.05	49.13 3.70 0.31	43.68 3.57 0.00	38.91 2.95 0.00
LINDHRST_69_KV_BK1 356055	36.96 3.19 -3.11	35.83 2.77 -5.05	32.92 2.54 -5.20	28.05 2.36 -1.31	27.26 2.39 -0.45	28.61 2.51 0.00	31.23 2.79 0.00	36.21 3.13 -1.73	37.40 3.53 -0.89	38.80 3.46 0.00	42.34 4.54 0.00	48.96 5.06 -3.41	56.23 5.44 -7.61	66.57 5.65 -14.27	79.00 6.43 -21.11	113.16 9.02 -39.25	163.77 11.91 -67.96	187.76 10.81 -99.16	146.71 8.50 -75.67	89.75 6.44 -33.80	61.76 6.02 -6.83	55.98 5.49 -4.76	44.61 4.49 0.00	40.19 3.67 -0.57
LIPA_MISC_IPP 23656	36.38 2.61 -3.11	35.32 2.27 -5.05	32.59 2.22 -5.20	27.75 2.07 -1.31	26.97 2.10 -0.45	28.22 2.11 0.00	30.83 2.39 0.00	35.67 2.60 -1.73	36.87 3.00 -0.89	38.16 2.83 0.00	41.73 3.93 0.00	48.00 4.49 -3.03	51.63 4.97 -3.49	58.33 5.13 -6.54	66.89 5.76 -9.67	99.81 8.37 -26.55	138.19 10.99 -43.30	167.39 10.04 -79.56	137.85 7.82 -67.50	82.67 5.89 -27.27	61.12 5.38 -6.83	55.25 4.76 -4.76	43.85 3.73 0.00	39.47 2.95 -0.57
LISF____SOLAR 323691	36.50 2.73 -3.11	35.38 2.32 -5.05	32.64 2.27 -5.20	27.80 2.12 -1.31	27.07 2.20 -0.45	28.27 2.17 0.00	30.89 2.45 0.00	35.74 2.66 -1.73	36.94 3.07 -0.89	38.02 2.68 0.00	41.81 4.01 0.00	48.13 4.61 -3.03	51.72 5.01 -3.53	58.74 5.46 -6.62	67.48 6.22 -9.80	100.15 8.56 -26.70	138.72 11.25 -43.58	167.84 10.27 -79.78	138.20 8.07 -67.60	83.04 6.19 -27.34	61.32 5.57 -6.83	55.34 4.85 -4.76	43.93 3.81 0.00	39.90 3.38 -0.57

LITTLE FALLS___HYD 24013	31.25 0.58 0.00	28.53 0.53 0.00	25.62 0.45 0.00	24.83 0.46 0.00	24.88 0.46 0.00	26.70 0.60 0.00	29.09 0.65 0.00	32.07 0.72 0.00	33.74 0.76 0.00	36.18 0.85 0.00	38.78 0.98 0.00	41.54 1.05 0.00	44.35 1.17 0.00	47.92 1.26 0.00	52.62 1.08 -0.08	66.96 1.30 -0.78	87.16 1.59 -1.67	80.80 1.63 -1.37	64.28 1.38 -0.37	50.55 1.04 0.00	49.94 1.03 0.00	46.88 1.14 0.00	41.04 0.92 0.00	36.64 0.68 0.00
LITTLRIV_115KV_TB1 356100	29.99 -0.67 0.00	27.55 -0.45 0.00	24.72 -0.45 0.00	24.00 -0.37 0.00	24.02 -0.39 0.00	25.76 -0.34 0.00	28.18 -0.26 0.00	31.00 -0.34 0.00	32.48 -0.49 0.00	34.89 -0.49 -0.05	36.78 -1.02 0.00	38.54 -1.94 0.00	40.89 -2.29 0.00	44.18 -2.47 0.00	47.48 -2.73 1.25	49.45 -3.44 12.00	53.60 -4.87 25.43	52.48 -4.36 20.96	53.63 -3.25 5.65	47.34 -2.18 0.00	46.76 -2.15 0.00	43.77 -2.01 -0.04	38.36 -1.77 -0.01	35.78 -0.18 0.00
LI_NEWBRDGE___DRP 323616	36.29 2.51 -3.11	35.27 2.21 -5.05	32.39 2.01 -5.20	27.53 1.85 -1.31	26.75 1.88 -0.45	28.06 1.96 0.00	30.66 2.22 0.00	35.58 2.51 -1.73	36.71 2.84 -0.89	38.12 2.79 0.00	41.58 3.78 0.00	47.31 4.13 -2.70	47.63 4.45 0.00	51.28 4.62 0.00	56.70 5.25 0.00	88.02 7.33 -15.80	115.99 9.65 -22.45	149.48 8.71 -62.97	129.87 6.75 -60.58	76.40 5.15 -21.73	60.54 4.79 -6.83	54.79 4.30 -4.75	43.81 3.69 0.00	39.33 2.80 -0.57
LOCKPORT_115KV_TB60_63_64 80432	30.60 -0.06 0.00	27.66 -0.34 0.00	24.89 -0.28 0.00	24.20 -0.17 0.00	24.12 -0.29 0.00	26.00 -0.10 0.00	28.04 -0.40 0.00	30.28 -1.07 0.00	31.76 -1.22 0.00	33.88 -1.45 0.00	36.29 -1.51 0.00	39.59 -0.89 0.00	41.97 -1.21 0.00	45.68 -0.98 0.00	49.09 -2.37 0.00	57.80 -4.61 2.47	74.48 -6.12 3.30	75.23 -5.68 -3.11	60.73 -3.88 -2.07	48.36 -3.07 -1.92	47.35 -2.54 -0.98	44.23 -1.51 0.00	38.99 -1.12 0.00	35.78 -0.18 0.00
LOCKPORT___CC1 323769	30.57 -0.09 0.00	27.66 -0.33 0.00	24.87 -0.30 0.00	24.20 -0.17 0.00	24.12 -0.29 0.00	25.97 -0.13 0.00	28.01 -0.43 0.00	30.25 -1.10 0.00	31.72 -1.25 0.00	34.06 -1.27 0.00	36.40 -1.40 0.00	39.39 -1.09 0.00	41.76 -1.42 0.00	45.12 -1.54 0.00	48.57 -2.88 0.00	57.54 -4.87 2.48	74.07 -6.54 3.28	74.87 -6.07 -3.14	60.49 -4.13 -2.09	48.28 -3.17 -1.94	47.12 -2.79 -0.99	44.05 -1.69 0.00	38.91 -1.20 0.00	35.71 -0.25 0.00
LOCKPORT___CC2 323770	30.57 -0.09 0.00	27.66 -0.33 0.00	24.87 -0.30 0.00	24.20 -0.17 0.00	24.12 -0.29 0.00	25.97 -0.13 0.00	28.01 -0.43 0.00	30.25 -1.10 0.00	31.72 -1.25 0.00	34.06 -1.27 0.00	36.40 -1.40 0.00	39.39 -1.09 0.00	41.76 -1.42 0.00	45.12 -1.54 0.00	48.57 -2.88 0.00	57.54 -4.87 2.48	74.07 -6.54 3.28	74.87 -6.07 -3.14	60.49 -4.13 -2.09	48.28 -3.17 -1.94	47.12 -2.79 -0.99	44.05 -1.69 0.00	38.91 -1.20 0.00	35.71 -0.25 0.00
LOCKPORT___CC3 323771	30.57 -0.09 0.00	27.66 -0.33 0.00	24.87 -0.30 0.00	24.20 -0.17 0.00	24.12 -0.29 0.00	25.97 -0.13 0.00	28.01 -0.43 0.00	30.25 -1.10 0.00	31.72 -1.25 0.00	34.06 -1.27 0.00	36.40 -1.40 0.00	39.39 -1.09 0.00	41.76 -1.42 0.00	45.12 -1.54 0.00	48.57 -2.88 0.00	57.54 -4.87 2.48	74.07 -6.54 3.28	74.87 -6.07 -3.14	60.49 -4.13 -2.09	48.28 -3.17 -1.94	47.12 -2.79 -0.99	44.05 -1.69 0.00	38.91 -1.20 0.00	35.71 -0.25 0.00
LONG_LAKE_PHOENIX 24014	30.36 -0.31 0.00	27.66 -0.34 0.00	24.84 -0.33 0.00	24.08 -0.29 0.00	24.15 -0.27 0.00	25.82 -0.29 0.00	28.13 -0.31 0.00	31.03 -0.31 0.00	32.58 -0.40 0.00	35.52 -0.42 -0.61	37.42 -0.38 0.00	40.28 -0.20 0.00	42.92 -0.26 0.00	46.47 -0.19 0.00	51.15 -0.31 0.00	66.02 -0.58 -1.72	89.91 -0.76 -6.77	80.31 -0.70 -3.21	62.16 -0.38 0.00	49.19 -0.35 -0.03	48.62 -0.29 0.00	45.96 -0.23 -0.45	40.04 -0.20 -0.13	35.64 -0.32 -0.01
LOVETT___3 23632	32.60 1.93 0.00	29.71 1.71 0.00	26.76 1.59 0.00	25.81 1.44 0.00	25.86 1.44 0.00	27.62 1.51 0.00	30.09 1.65 0.00	33.16 1.82 0.00	35.06 2.08 0.00	37.56 2.23 0.00	40.79 2.99 0.00	43.68 3.20 0.00	46.68 3.50 0.00	50.25 3.59 0.00	55.67 4.22 0.00	73.16 5.84 -2.43	97.87 7.72 -6.25	112.58 6.92 -27.86	94.96 5.25 -27.18	67.95 4.01 -14.42	59.16 3.72 -6.53	49.08 3.34 0.00	43.08 2.97 0.00	37.94 1.98 0.00
LOVETT___4 23642	32.60 1.93 0.00	29.71 1.71 0.00	26.76 1.59 0.00	25.81 1.44 0.00	25.86 1.44 0.00	27.62 1.51 0.00	30.09 1.65 0.00	33.16 1.82 0.00	35.06 2.08 0.00	37.56 2.23 0.00	40.79 2.99 0.00	43.68 3.20 0.00	46.68 3.50 0.00	50.25 3.59 0.00	55.67 4.22 0.00	73.16 5.84 -2.43	97.87 7.72 -6.25	112.58 6.92 -27.86	94.96 5.25 -27.18	67.95 4.01 -14.42	59.16 3.72 -6.53	49.08 3.34 0.00	43.08 2.97 0.00	37.94 1.98 0.00
LOVETT___5 23593	32.60 1.93 0.00	29.71 1.71 0.00	26.76 1.59 0.00	25.81 1.44 0.00	25.86 1.44 0.00	27.62 1.51 0.00	30.09 1.65 0.00	33.16 1.82 0.00	35.06 2.08 0.00	37.56 2.23 0.00	40.79 2.99 0.00	43.68 3.20 0.00	46.68 3.50 0.00	50.25 3.59 0.00	55.67 4.22 0.00	73.16 5.84 -2.43	97.87 7.72 -6.25	112.58 6.92 -27.86	94.96 5.25 -27.18	67.95 4.01 -14.42	59.16 3.72 -6.53	49.08 3.34 0.00	43.08 2.97 0.00	37.94 1.98 0.00
LOWER RAQUET___HYD 24057	29.56 -1.10 0.00	27.19 -0.81 0.00	24.39 -0.78 0.00	23.69 -0.68 0.00	23.71 -0.71 0.00	25.42 -0.68 0.00	27.81 -0.63 0.00	30.59 -0.75 0.00	32.09 -0.89 0.00	34.44 -0.95 -0.06	36.25 -1.55 0.00	38.13 -2.35 0.00	40.37 -2.81 0.00	43.48 -3.17 0.00	46.84 -3.40 1.21	48.97 -4.28 11.63	53.41 -5.87 24.61	52.21 -5.29 20.29	52.54 -4.19 5.81	46.49 -3.02 0.00	46.03 -2.89 0.00	43.18 -2.61 -0.04	37.84 -2.28 -0.01	35.06 -0.90 0.00
LOWER___HUDSON 24059	32.23 1.56 0.00	29.43 1.43 0.00	26.45 1.28 0.00	25.56 1.19 0.00	25.64 1.22 0.00	27.38 1.28 0.00	29.75 1.31 0.00	32.82 1.47 0.00	34.53 1.55 0.00	36.89 1.55 0.00	39.77 1.96 0.00	42.63 2.14 0.00	45.55 2.37 0.00	49.27 2.61 0.00	54.49 3.04 0.00	89.14 3.89 -20.36	128.69 5.29 -39.51	185.76 4.98 -102.98	242.30 4.06 -175.71	117.26 3.17 -64.57	78.40 3.08 -26.41	48.53 2.79 0.00	42.40 2.29 0.00	37.58 1.62 0.00
LOWVILLE_115KV_TB2 356335	30.36 -0.31 0.00	27.80 -0.20 0.00	24.97 -0.20 0.00	24.29 -0.07 0.00	24.39 -0.02 0.00	26.44 0.34 0.00	28.92 0.48 0.00	31.82 0.47 0.00	33.37 0.40 0.00	35.89 0.42 -0.13	38.22 0.42 0.00	40.77 0.28 0.00	43.52 0.35 0.00	47.22 0.56 0.00	51.62 0.46 0.29	62.00 -0.06 2.82	77.88 -0.84 5.18	73.19 -0.54 4.06	61.20 0.00 1.33	49.81 0.30 0.00	49.50 0.59 0.00	46.84 1.01 -0.10	40.74 0.60 -0.03	36.57 0.61 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.15 2.48 0.00	30.30 2.30 0.00	27.18 2.01 0.00	26.22 1.85 0.00	26.29 1.88 0.00	28.11 2.01 0.00	30.40 1.96 0.00	33.45 2.10 0.00	35.09 2.11 0.00	37.45 2.12 0.00	40.26 2.46 0.00	43.24 2.75 0.00	46.25 3.07 0.00	50.02 3.36 0.00	55.42 3.96 0.00	84.05 5.06 -14.10	118.92 6.88 -28.14	174.16 6.85 -89.52	238.96 5.82 -170.61	120.72 4.51 -66.70	82.80 4.55 -29.33	49.95 4.21 0.00	43.36 3.25 0.00	38.29 2.34 0.00

LUTHERNY_35_KV_BK2 355980	33.15 2.48 0.00	30.32 2.32 0.00	27.18 2.01 0.00	26.24 1.88 0.00	26.29 1.88 0.00	28.14 2.04 0.00	30.40 1.96 0.00	33.48 2.13 0.00	35.12 2.14 0.00	37.49 2.16 0.00	40.30 2.49 0.00	43.28 2.79 0.00	46.25 3.07 0.00	50.06 3.41 0.00	55.47 4.01 0.00	84.11 5.13 -14.10	119.00 6.96 -28.14	174.24 6.92 -89.52	239.02 5.88 -170.61	120.77 4.56 -66.70	82.84 4.60 -29.33	49.99 4.25 0.00	43.40 3.29 0.00	38.29 2.34 0.00
LWR___OSWEGATCHIE_HYD 23850	29.84 -0.83 0.00	27.38 -0.62 0.00	24.57 -0.60 0.00	23.86 -0.51 0.00	23.93 -0.49 0.00	25.79 -0.31 0.00	28.21 -0.23 0.00	31.06 -0.28 0.00	32.58 -0.40 0.00	35.02 -0.42 -0.11	37.16 -0.64 0.00	39.31 -1.17 0.00	41.75 -1.42 0.00	45.21 -1.45 0.00	48.95 -1.70 0.80	54.78 -2.40 7.70	64.42 -3.69 15.79	61.78 -3.19 12.83	56.72 -2.19 3.63	48.13 -1.39 0.00	47.64 -1.27 0.00	44.82 -1.01 -0.08	39.18 -0.96 -0.02	35.82 -0.14 0.00
LYONS_FALL_HYD 23570	30.79 0.12 0.00	28.17 0.17 0.00	25.27 0.10 0.00	24.56 0.19 0.00	24.63 0.22 0.00	26.62 0.52 0.00	29.09 0.65 0.00	32.03 0.69 0.00	33.60 0.63 0.00	36.14 0.71 -0.10	38.56 0.76 0.00	41.21 0.73 0.00	44.04 0.86 0.00	47.73 1.07 0.00	52.42 1.13 0.16	64.29 0.97 1.57	81.85 0.67 2.72	76.72 0.94 2.01	62.79 1.06 0.80	50.50 0.99 0.00	50.08 1.17 0.00	47.14 1.33 -0.07	41.10 0.96 -0.02	36.82 0.86 0.00
MADISON___COUNTY_LFGE 323628	31.52 0.86 0.00	28.76 0.76 0.00	25.80 0.63 0.00	25.00 0.63 0.00	25.05 0.63 0.00	26.94 0.84 0.00	29.41 0.97 0.00	32.38 1.03 0.00	34.00 1.02 0.00	36.57 1.13 -0.10	39.09 1.29 0.00	41.94 1.46 0.00	44.86 1.68 0.00	48.66 2.01 0.00	53.62 2.16 0.00	66.85 2.47 0.50	86.84 3.02 0.08	82.02 3.11 -1.12	65.28 2.75 0.00	51.64 2.13 0.01	51.11 2.20 0.00	47.87 2.06 -0.07	41.74 1.60 -0.02	37.18 1.22 0.00
MALONE___115KV_TB1 356076	30.17 -0.49 0.00	27.80 -0.20 0.00	24.97 -0.20 0.00	24.25 -0.12 0.00	24.32 -0.10 0.00	26.02 -0.08 0.00	28.44 0.00 0.00	31.41 0.06 0.00	32.94 -0.03 0.00	35.33 0.00 0.00	37.46 -0.34 0.00	39.71 -0.77 0.00	42.06 -1.12 0.00	45.30 -1.35 0.00	48.12 -1.85 1.48	48.49 -2.21 14.19	50.40 -3.02 30.48	49.90 -2.88 25.01	53.47 -2.38 6.68	48.18 -1.34 0.00	47.35 -1.57 0.00	44.50 -1.23 0.00	39.31 -0.80 0.00	36.10 0.14 0.00
MAPLEWOD_115KV_TB3 80458	31.83 1.17 0.00	29.09 1.09 0.00	26.15 0.98 0.00	25.29 0.93 0.00	25.34 0.93 0.00	27.07 0.97 0.00	29.46 1.02 0.00	32.47 1.13 0.00	34.23 1.25 0.00	36.61 1.27 0.00	39.47 1.66 0.00	42.30 1.82 0.00	45.17 1.99 0.00	48.80 2.15 0.00	54.03 2.57 0.00	86.62 3.37 -18.36	124.27 4.53 -35.84	175.20 4.28 -93.13	216.07 3.38 -150.16	107.61 2.62 -55.47	73.90 2.59 -22.39	48.07 2.33 0.00	42.12 2.01 0.00	37.18 1.22 0.00
MAPLE_RIDGE_WT_1 323574	30.14 -0.52 0.00	27.61 -0.39 0.00	24.87 -0.30 0.00	24.10 -0.27 0.00	24.15 -0.27 0.00	25.48 -0.63 0.00	27.79 -0.65 0.00	30.72 -0.63 0.00	32.35 -0.63 0.00	34.70 -0.63 0.00	36.86 -0.94 0.00	39.23 -1.26 0.00	41.71 -1.47 0.00	44.84 -1.82 0.00	46.83 -2.11 2.52	38.15 -2.60 24.14	28.70 -3.36 51.84	32.37 -2.88 42.55	48.91 -2.31 11.31	47.83 -1.68 0.00	47.35 -1.57 0.00	44.37 -1.37 0.00	38.95 -1.16 0.00	35.20 -0.76 0.00
MAPLE_RIDGE_WT_2 323611	30.14 -0.52 0.00	27.61 -0.39 0.00	24.87 -0.30 0.00	24.10 -0.27 0.00	24.15 -0.27 0.00	25.48 -0.63 0.00	27.79 -0.65 0.00	30.72 -0.63 0.00	32.35 -0.63 0.00	34.70 -0.63 0.00	36.86 -0.94 0.00	39.23 -1.26 0.00	41.71 -1.47 0.00	44.84 -1.82 0.00	46.83 -2.11 2.52	38.15 -2.60 24.14	28.70 -3.36 51.84	32.37 -2.88 42.55	48.91 -2.31 11.31	47.83 -1.68 0.00	47.35 -1.57 0.00	44.37 -1.37 0.00	38.95 -1.16 0.00	35.20 -0.76 0.00
MARBLE_RIVER_WT_PWR 323696	30.36 -0.31 0.00	27.94 -0.06 0.00	25.12 -0.05 0.00	24.39 0.02 0.00	24.46 0.05 0.00	26.16 0.05 0.00	28.55 0.11 0.00	31.53 0.19 0.00	33.11 0.13 0.00	35.51 0.18 0.00	37.69 -0.11 0.00	40.08 -0.40 0.00	42.53 -0.65 0.00	45.16 -1.49 0.00	48.20 -1.65 1.61	47.45 -2.01 15.42	47.93 -2.85 33.11	47.82 -2.80 27.18	52.99 -2.31 7.23	47.88 -1.63 0.00	47.64 -1.27 0.00	45.33 -0.41 0.00	39.67 -0.44 0.00	35.96 0.00 0.00
MARSHVLE_115KV_TB1 80742	33.21 2.55 0.00	30.24 2.24 0.00	27.08 1.91 0.00	26.17 1.80 0.00	26.25 1.83 0.00	28.17 2.06 0.00	30.60 2.16 0.00	33.26 1.91 0.00	34.66 1.68 0.00	36.78 1.45 0.00	39.54 1.74 0.00	42.35 1.86 0.00	45.34 2.16 0.00	49.08 2.43 0.00	54.44 2.98 0.00	72.88 3.83 -4.17	99.68 5.37 -10.41	148.49 6.61 -64.09	205.50 6.63 -136.34	113.69 5.45 -58.73	82.11 5.58 -27.62	50.82 5.08 0.00	43.97 3.85 0.00	38.91 2.95 0.00
MARSH_HILL_WT_PWR 323713	31.62 0.95 0.00	28.64 0.64 0.00	25.72 0.55 0.00	24.98 0.61 0.00	24.95 0.54 0.00	26.81 0.71 0.00	29.15 0.71 0.00	31.84 0.50 0.00	33.34 0.36 0.00	35.94 0.53 -0.07	38.40 0.60 0.00	41.58 1.09 0.00	43.96 0.78 0.00	47.36 0.70 0.00	51.40 -0.05 0.00	61.94 -1.30 1.65	80.54 -1.77 1.59	80.86 -1.56 -4.62	65.59 0.06 -2.99	52.46 0.15 -2.80	50.82 0.49 -1.42	46.89 1.10 -0.05	41.38 1.24 -0.01	37.43 1.47 0.00
MCINTYRE_115KV_TB2 80467	30.24 -0.43 0.00	27.80 -0.20 0.00	24.92 -0.25 0.00	24.20 -0.17 0.00	24.22 -0.20 0.00	25.97 -0.13 0.00	28.41 -0.03 0.00	31.22 -0.13 0.00	32.68 -0.30 0.00	34.98 -0.35 0.00	36.89 -0.91 0.00	38.66 -1.82 0.00	41.06 -2.12 0.00	44.37 -2.29 0.00	47.62 -2.52 1.31	49.17 -3.11 12.60	52.57 -4.28 27.05	51.78 -3.81 22.20	53.85 -2.75 5.93	47.78 -1.73 0.00	47.20 -1.71 0.00	44.14 -1.60 0.00	38.67 -1.44 0.00	35.99 0.04 0.00
MECO_____69_KV_BK1 80468	34.59 3.93 0.00	31.56 3.56 0.00	28.17 3.00 0.00	27.17 2.80 0.00	27.27 2.86 0.00	29.29 3.18 0.00	32.08 3.64 0.00	35.17 3.82 0.00	36.74 3.76 0.00	38.90 3.57 0.00	41.88 4.08 0.00	45.06 4.57 0.00	48.23 5.05 0.00	52.12 5.46 0.00	57.89 6.43 0.00	77.45 8.24 -4.33	105.78 11.24 -10.64	155.03 12.06 -65.18	214.34 10.38 -141.43	118.42 8.07 -60.83	86.46 8.32 -29.23	53.38 7.64 0.00	45.85 5.74 0.00	40.56 4.60 0.00
MENANDS___115KV_TB5 355628	31.62 0.95 0.00	28.90 0.90 0.00	26.00 0.83 0.00	25.15 0.78 0.00	25.20 0.78 0.00	26.89 0.78 0.00	29.26 0.82 0.00	32.25 0.91 0.00	34.00 1.02 0.00	36.36 1.02 0.00	39.24 1.44 0.00	42.06 1.58 0.00	44.91 1.73 0.00	48.48 1.82 0.00	53.67 2.21 0.00	81.07 2.92 -13.26	114.41 3.94 -26.57	160.05 3.66 -78.60	196.58 2.88 -131.17	102.82 2.18 -51.13	72.76 2.15 -21.70	47.66 1.92 0.00	41.80 1.68 0.00	36.93 0.97 0.00
MG INDUSTRY___DRP 24185	31.49 0.83 0.00	28.81 0.81 0.00	25.90 0.73 0.00	25.05 0.68 0.00	25.10 0.68 0.00	26.78 0.68 0.00	29.18 0.74 0.00	32.10 0.75 0.00	33.77 0.79 0.00	36.00 0.67 0.00	38.75 0.95 0.00	41.50 1.01 0.00	43.44 0.26 0.00	46.89 0.23 0.00	51.92 0.46 0.00	43.12 0.78 22.54	46.42 1.17 38.65	53.54 1.24 25.50	53.49 1.00 10.04	67.69 0.79 -17.38	65.21 0.83 -15.47	46.52 0.78 0.00	41.76 1.64 0.00	36.96 1.01 0.00

MID___OSWEGATCHIE_HYD 23849	29.84 -0.83 0.00	27.38 -0.62 0.00	24.57 -0.60 0.00	23.86 -0.51 0.00	23.93 -0.49 0.00	25.79 -0.31 0.00	28.21 -0.23 0.00	31.06 -0.28 0.00	32.58 -0.40 0.00	35.02 -0.42 -0.11	37.16 -0.64 0.00	39.31 -1.17 0.00	41.75 -1.42 0.00	45.21 -1.45 0.00	48.95 -1.70 0.80	54.78 -2.40 7.70	64.42 -3.69 15.79	61.78 -3.19 12.83	56.72 -2.19 3.63	48.13 -1.39 0.00	47.64 -1.27 0.00	44.82 -1.01 -0.08	39.18 -0.96 -0.02	35.82 -0.14 0.00
MID___RAQUETTE_HYD 23851	29.56 -1.10 0.00	27.19 -0.81 0.00	24.39 -0.78 0.00	23.69 -0.68 0.00	23.71 -0.71 0.00	25.42 -0.68 0.00	27.81 -0.63 0.00	30.59 -0.75 0.00	32.09 -0.89 0.00	34.44 -0.95 -0.06	36.40 -1.40 0.00	38.14 -2.35 0.00	40.37 -2.81 0.00	43.58 -3.08 0.00	46.79 -3.45 1.21	48.98 -4.28 11.63	53.41 -5.87 24.61	52.13 -5.37 20.29	52.87 -4.19 5.48	46.54 -2.97 0.00	45.93 -2.98 0.00	43.04 -2.74 -0.04	37.84 -2.29 -0.01	35.35 -0.61 0.00
MILLIKEN___1 23584	31.49 0.83 0.00	28.67 0.67 0.00	25.72 0.55 0.00	24.90 0.54 0.00	24.98 0.56 0.00	26.76 0.65 0.00	29.21 0.77 0.00	32.19 0.85 0.00	33.74 0.76 0.00	36.32 0.78 -0.21	38.71 0.91 0.00	41.70 1.21 0.00	44.43 1.25 0.00	48.20 1.54 0.00	53.00 1.54 0.00	65.98 1.62 0.53	86.88 2.10 -0.88	85.05 2.18 -5.07	67.78 2.19 -3.05	54.02 1.63 -2.87	52.13 1.76 -1.45	47.63 1.74 -0.16	41.52 1.36 -0.04	37.04 1.08 0.00
MILLIKEN___2 23585	31.49 0.83 0.00	28.67 0.67 0.00	25.72 0.55 0.00	24.90 0.54 0.00	24.98 0.56 0.00	26.76 0.65 0.00	29.21 0.77 0.00	32.19 0.85 0.00	33.74 0.76 0.00	36.32 0.78 -0.21	38.71 0.91 0.00	41.70 1.21 0.00	44.43 1.25 0.00	48.20 1.54 0.00	53.00 1.54 0.00	65.98 1.62 0.53	86.88 2.10 -0.88	85.05 2.18 -5.07	67.78 2.19 -3.05	54.02 1.63 -2.87	52.13 1.76 -1.45	47.63 1.74 -0.16	41.52 1.36 -0.04	37.04 1.08 0.00
MILLIKEN___DIESEL 23629	31.49 0.83 0.00	28.67 0.67 0.00	25.72 0.55 0.00	24.90 0.54 0.00	24.98 0.56 0.00	26.76 0.65 0.00	29.21 0.77 0.00	32.19 0.85 0.00	33.74 0.76 0.00	36.32 0.78 -0.21	38.71 0.91 0.00	41.70 1.21 0.00	44.43 1.25 0.00	48.20 1.54 0.00	53.00 1.54 0.00	65.98 1.62 0.53	86.88 2.10 -0.88	85.05 2.18 -5.07	67.78 2.19 -3.05	54.02 1.63 -2.87	52.13 1.76 -1.45	47.63 1.74 -0.16	41.52 1.36 -0.04	37.04 1.08 0.00
MILLSEAT___LFGE 323607	31.06 0.40 0.00	28.08 0.08 0.00	25.25 0.08 0.00	24.54 0.17 0.00	24.49 0.07 0.00	26.39 0.29 0.00	28.50 0.06 0.00	30.94 -0.41 0.00	32.45 -0.53 0.00	34.91 -0.42 0.00	37.31 -0.49 0.00	40.44 -0.04 0.00	42.96 -0.21 0.00	46.52 -0.14 0.00	50.12 -1.34 0.00	59.71 -2.72 2.45	76.77 -3.77 3.36	76.35 -3.42 -1.98	60.47 -2.06 0.00	47.89 -1.59 0.03	47.74 -1.17 0.00	45.47 -0.27 0.00	40.00 -0.12 0.00	36.53 0.57 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.75 2.09 0.00	29.82 1.82 0.00	26.86 1.69 0.00	25.88 1.51 0.00	25.95 1.54 0.00	27.72 1.62 0.00	30.26 1.82 0.00	33.41 2.07 0.00	35.32 2.34 0.00	37.84 2.51 0.00	41.13 3.33 0.00	44.01 3.52 0.00	47.02 3.84 0.00	50.67 4.01 0.00	56.09 4.63 0.00	73.91 6.36 -2.66	99.11 8.47 -6.74	114.71 7.62 -29.29	97.08 5.88 -28.66	69.03 4.46 -15.06	59.90 4.21 -6.78	49.44 3.70 0.00	43.40 3.29 0.00	38.22 2.27 0.00
MILLWOOD_13_KV_LOAD 356217	32.87 2.21 0.00	29.93 1.93 0.00	26.93 1.76 0.00	25.95 1.58 0.00	26.05 1.64 0.00	27.83 1.72 0.00	30.35 1.91 0.00	33.51 2.16 0.00	35.45 2.47 0.00	37.98 2.65 0.00	41.32 3.52 0.00	44.25 3.76 0.00	47.28 4.10 0.00	50.95 4.29 0.00	56.39 4.94 0.00	74.43 6.88 -2.66	99.86 9.23 -6.74	115.41 8.32 -29.29	97.64 6.44 -28.66	69.48 4.90 -15.06	60.29 4.60 -6.78	49.76 4.03 0.00	43.65 3.53 0.00	38.40 2.45 0.00
MODEL_CITY_ENERGY 24167	30.30 -0.37 0.00	27.41 -0.59 0.00	24.64 -0.53 0.00	23.98 -0.39 0.00	23.93 -0.49 0.00	25.74 -0.37 0.00	27.73 -0.71 0.00	29.90 -1.44 0.00	31.36 -1.62 0.00	33.74 -1.59 0.00	36.14 -1.66 0.00	39.19 -1.30 0.00	41.54 -1.64 0.00	44.84 -1.82 0.00	48.26 -3.19 0.00	57.19 -5.19 2.50	73.76 -6.88 3.26	74.60 -6.38 -3.18	60.15 -4.50 -2.12	48.01 -3.47 -1.96	46.89 -3.03 -1.01	43.82 -1.92 0.00	38.71 -1.41 0.00	35.53 -0.43 0.00
MODERN_LFGE___ 323580	30.30 -0.37 0.00	27.41 -0.59 0.00	24.64 -0.53 0.00	23.98 -0.39 0.00	23.93 -0.49 0.00	25.74 -0.37 0.00	27.73 -0.71 0.00	29.90 -1.44 0.00	31.36 -1.62 0.00	33.74 -1.59 0.00	36.14 -1.66 0.00	39.19 -1.30 0.00	41.54 -1.64 0.00	44.84 -1.82 0.00	48.26 -3.19 0.00	57.19 -5.19 2.50	73.76 -6.88 3.26	74.60 -6.38 -3.18	60.15 -4.50 -2.12	48.01 -3.47 -1.96	46.89 -3.03 -1.01	43.82 -1.92 0.00	38.71 -1.41 0.00	35.53 -0.43 0.00
MOHAWK_PAPER___DRP 24187	31.83 1.17 0.00	29.09 1.09 0.00	26.15 0.98 0.00	25.29 0.93 0.00	25.34 0.93 0.00	27.07 0.97 0.00	29.46 1.02 0.00	32.47 1.13 0.00	34.23 1.25 0.00	36.61 1.27 0.00	39.47 1.66 0.00	42.30 1.82 0.00	45.17 1.99 0.00	48.80 2.15 0.00	54.03 2.57 0.00	86.62 3.37 -18.36	124.27 4.53 -35.84	175.20 4.28 -93.13	216.07 3.38 -150.16	107.61 2.62 -55.47	73.90 2.59 -22.39	48.07 2.33 0.00	42.12 2.01 0.00	37.18 1.22 0.00
MOHICAN___35_KV_115KV_LD 80490	33.67 3.01 0.00	30.80 2.80 0.00	27.59 2.42 0.00	26.61 2.24 0.00	26.66 2.25 0.00	28.53 2.43 0.00	30.54 2.10 0.00	33.63 2.29 0.00	35.12 2.14 0.00	37.45 2.12 0.00	40.11 2.31 0.00	43.11 2.63 0.00	46.12 2.94 0.00	49.88 3.22 0.00	55.37 3.91 0.00	82.55 5.00 -12.67	116.66 7.22 -25.55	171.56 7.39 -86.37	238.13 6.50 -169.09	121.66 5.10 -67.04	83.98 5.14 -29.93	50.45 4.71 0.00	43.65 3.53 0.00	38.47 2.52 0.00
MONGAUP___HYD 23641	32.57 1.90 0.00	29.65 1.65 0.00	26.68 1.51 0.00	25.78 1.41 0.00	25.86 1.44 0.00	27.59 1.49 0.00	30.06 1.62 0.00	33.01 1.66 0.00	34.86 1.88 0.00	37.28 1.94 0.00	40.41 2.61 0.00	43.27 2.79 0.00	46.29 3.11 0.00	49.97 3.31 0.00	55.21 3.75 0.00	71.36 4.41 -2.06	95.45 6.12 -5.44	108.86 5.76 -25.30	91.74 4.63 -24.58	66.44 3.66 -13.26	58.93 3.96 -6.06	49.26 3.52 0.00	43.13 3.01 0.00	38.33 2.37 0.00
MONTAUK___DIESEL 23721	36.78 3.01 -3.11	35.69 2.63 -5.05	32.97 2.59 -5.20	28.22 2.53 -1.31	27.53 2.66 -0.45	28.95 2.85 0.00	31.77 3.33 0.00	36.71 3.64 -1.73	38.29 4.42 -0.89	39.75 4.42 0.00	43.81 6.01 0.00	50.60 7.08 -3.03	54.28 7.60 -3.50	61.15 7.93 -6.56	69.86 8.70 -9.71	103.68 12.20 -26.60	143.48 16.19 -43.39	172.20 14.78 -79.63	141.51 11.44 -67.53	84.53 7.72 -27.29	62.64 6.90 -6.83	56.58 6.08 -4.76	44.57 4.45 0.00	40.05 3.52 -0.57
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.65 0.98 0.00	28.53 0.53 0.00	25.40 0.23 0.00	24.66 0.29 0.00	24.54 0.12 0.00	26.55 0.44 0.00	28.70 0.26 0.00	31.25 -0.09 0.00	33.04 0.07 0.00	35.62 0.28 0.00	38.41 0.60 0.00	41.90 1.42 0.00	44.13 0.95 0.00	47.87 1.21 0.00	51.56 0.10 0.00	60.56 -2.08 2.25	78.23 -2.85 2.82	78.87 -2.65 -3.72	64.48 -0.56 -2.51	51.21 -0.64 -2.34	50.15 0.05 -1.19	46.88 1.14 0.00	41.32 1.20 0.00	37.54 1.58 0.00

MORTIMER_115KV_TB3 55949	30.82 0.15 0.00	27.92 -0.08 0.00	25.07 -0.10 0.00	24.34 -0.02 0.00	24.34 -0.07 0.00	26.16 0.05 0.00	28.38 -0.06 0.00	31.03 -0.31 0.00	32.58 -0.40 0.00	34.98 -0.35 0.00	37.50 -0.30 0.00	40.69 0.20 0.00	43.40 0.22 0.00	47.12 0.47 0.00	51.25 -0.21 0.00	61.70 -0.84 2.34	78.91 -1.34 3.64	78.30 -1.17 -1.67	61.78 -0.75 0.00	48.83 -0.64 0.04	48.47 -0.44 0.00	45.78 0.05 0.00	40.12 0.00 0.00	36.32 0.36 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.71 2.74 0.00	38.30 2.97 0.00	41.66 3.86 0.00	44.53 4.05 0.00	47.54 4.36 0.00	51.18 4.53 0.00	56.60 5.15 0.00	74.72 7.14 -2.70	100.11 9.40 -6.81	115.75 8.40 -29.55	97.96 6.50 -28.92	69.55 4.85 -15.18	60.34 4.60 -6.83	49.86 4.12 0.00	43.89 3.77 0.00	38.65 2.70 0.00
MUNSVILLE_WIND_PWR 323609	33.43 2.76 0.00	30.43 2.43 0.00	27.18 2.01 0.00	26.39 2.02 0.00	26.42 2.00 0.00	28.53 2.43 0.00	31.23 2.79 0.00	34.29 2.95 0.00	35.78 2.80 0.00	38.51 3.04 -0.13	41.05 3.25 0.00	44.05 3.56 0.00	47.15 3.97 0.00	51.28 4.62 0.00	56.24 4.79 0.00	69.90 5.58 0.57	91.57 7.13 -0.54	93.28 7.54 -7.95	79.67 6.82 -10.32	60.84 5.40 -5.92	57.39 5.48 -3.00	50.91 5.08 -0.10	44.24 4.09 -0.03	39.52 3.56 0.00
N SALMON___HYD 24042	30.17 -0.49 0.00	27.81 -0.19 0.00	24.97 -0.20 0.00	24.25 -0.12 0.00	24.32 -0.10 0.00	26.02 -0.08 0.00	28.44 0.00 0.00	31.41 0.06 0.00	32.94 -0.03 0.00	35.33 0.00 0.00	37.39 -0.41 0.00	39.71 -0.77 0.00	42.06 -1.12 0.00	44.93 -1.73 0.00	48.12 -1.85 1.48	48.49 -2.21 14.19	50.40 -3.02 30.48	49.90 -2.88 25.01	53.39 -2.38 6.77	47.93 -1.59 0.00	47.54 -1.37 0.00	44.96 -0.78 0.00	39.31 -0.80 0.00	35.81 -0.14 0.00
N.AKRON__115KV_KNAPP 355671	31.09 0.43 0.00	28.08 0.08 0.00	25.25 0.08 0.00	24.54 0.17 0.00	24.46 0.05 0.00	26.39 0.29 0.00	28.52 0.09 0.00	30.94 -0.41 0.00	32.45 -0.53 0.00	34.66 -0.67 0.00	37.08 -0.72 0.00	40.44 -0.04 0.00	43.01 -0.17 0.00	46.84 0.19 0.00	50.43 -1.03 0.00	59.64 -2.79 2.46	76.69 -3.86 3.34	77.33 -3.50 -3.03	62.42 -2.13 -2.01	49.69 -1.68 -1.86	48.70 -1.17 -0.96	45.42 -0.32 0.00	39.91 -0.20 0.00	36.46 0.50 0.00
N.BELMOR_69_KV_BK1 55787	36.69 2.91 -3.11	35.60 2.55 -5.05	32.69 2.32 -5.20	27.80 2.12 -1.31	27.02 2.15 -0.45	28.37 2.27 0.00	30.97 2.53 0.00	35.93 2.85 -1.73	37.10 3.23 -0.89	38.58 3.25 0.00	42.15 4.35 0.00	49.49 4.78 -4.23	64.55 5.01 -16.36	82.46 5.13 -30.67	102.69 5.87 -45.37	139.26 8.18 -66.20	215.07 10.91 -120.27	228.35 9.80 -140.75	163.19 7.63 -93.02	102.97 5.79 -47.66	61.17 5.43 -6.83	55.48 4.99 -4.75	44.45 4.33 0.00	39.90 3.38 -0.57
N.E_GEN_SANDY PD 24062	32.29 1.62 0.00	29.45 1.46 0.00	27.40 1.36 -0.87	27.30 1.24 -1.69	28.68 1.27 -3.00	28.30 1.33 -0.87	29.86 1.42 0.00	36.01 1.60 -3.07	34.76 1.78 0.00	37.17 1.84 0.00	40.22 2.42 0.00	43.04 2.55 0.00	45.98 2.81 0.00	50.80 3.08 -1.06	74.70 3.50 -19.74	94.84 4.67 -25.28	116.58 6.21 -26.48	150.00 5.68 -66.53	137.18 4.38 -70.27	105.19 3.41 -52.26	67.70 3.23 -15.56	57.72 2.88 -9.10	42.60 2.49 0.00	37.72 1.76 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.69 2.02 0.00	29.76 1.76 0.00	26.81 1.64 0.00	25.85 1.49 0.00	25.93 1.51 0.00	27.70 1.59 0.00	30.15 1.71 0.00	33.23 1.88 0.00	35.12 2.14 0.00	37.67 2.33 0.00	40.90 3.10 0.00	43.84 3.36 0.00	46.85 3.67 0.00	50.48 3.83 0.00	55.88 4.43 0.00	73.40 6.10 -2.42	98.25 8.14 -6.22	112.79 7.23 -27.76	95.18 5.57 -27.08	68.11 4.21 -14.38	59.34 3.91 -6.51	49.26 3.52 0.00	43.20 3.09 0.00	38.04 2.09 0.00
N.QUEENS_27_KV_LOAD 356247	33.30 2.64 0.00	30.18 2.18 0.00	27.21 2.04 0.00	26.10 1.73 0.00	26.20 1.78 0.00	27.85 1.75 0.00	30.43 1.99 0.00	33.73 2.38 0.00	35.75 2.77 0.00	38.41 3.07 0.00	41.77 3.97 0.00	44.57 4.09 0.00	47.50 4.32 0.00	51.04 4.39 0.00	56.34 4.89 0.00	74.85 7.27 -2.70	100.27 9.56 -6.81	116.13 8.79 -29.54	98.20 6.75 -28.91	69.60 4.90 -15.18	60.43 4.70 -6.83	49.72 3.98 0.00	44.01 3.89 0.00	38.62 2.66 0.00
N.TROY___115KV_TB1 355778	32.23 1.56 0.00	29.43 1.43 0.00	26.45 1.28 0.00	25.56 1.19 0.00	25.64 1.22 0.00	27.38 1.28 0.00	29.75 1.31 0.00	32.82 1.47 0.00	34.53 1.55 0.00	36.89 1.55 0.00	39.77 1.97 0.00	42.63 2.15 0.00	45.55 2.37 0.00	49.22 2.57 0.00	54.44 2.98 0.00	89.14 3.89 -20.36	128.69 5.29 -39.51	185.75 4.98 -102.98	242.31 4.06 -175.71	117.25 3.17 -64.57	78.45 3.13 -26.41	48.57 2.84 0.00	42.44 2.33 0.00	37.40 1.44 0.00
NARROWS_GT1_1 24228	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NARROWS_GT1_2 24229	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NARROWS_GT1_3 24230	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NARROWS_GT1_4 24231	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NARROWS_GT1_5 24232	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00

NARROWS_GT1_6 24233	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NARROWS_GT1_7 24234	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NARROWS_GT1_8 24235	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NARROWS_GT2_1 24236	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NARROWS_GT2_2 24237	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NARROWS_GT2_3 24238	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NARROWS_GT2_4 24239	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NARROWS_GT2_5 24240	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NARROWS_GT2_6 24241	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NARROWS_GT2_7 24242	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NARROWS_GT2_8 24243	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.92 4.90 -19.36	142.58 5.51 -85.61	90.78 7.52 -18.38	101.00 9.89 -7.21	164.36 8.94 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.05 4.13 -1.80	39.34 3.38 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.98 1.32 0.00	29.20 1.20 0.00	26.25 1.08 0.00	25.46 1.10 0.00	25.49 1.07 0.00	27.17 1.07 0.00	29.61 1.17 0.00	32.44 1.10 0.00	34.10 1.12 0.00	36.36 1.02 0.00	39.16 1.36 0.00	42.02 1.54 0.00	44.73 1.55 0.00	48.34 1.68 0.00	53.62 2.16 0.00	45.17 3.44 23.15	48.73 4.70 39.86	53.63 4.82 28.99	50.64 4.06 15.95	67.49 2.87 -15.10	66.16 2.74 -14.51	48.35 2.61 0.00	42.64 2.53 0.00	37.61 1.65 0.00
NCHELSEA_115KV_TR2 355582	32.87 2.21 0.00	29.93 1.93 0.00	26.93 1.76 0.00	26.02 1.66 0.00	26.08 1.66 0.00	27.85 1.75 0.00	30.35 1.91 0.00	33.45 2.10 0.00	35.38 2.41 0.00	37.95 2.61 0.00	41.24 3.44 0.00	44.21 3.72 0.00	47.32 4.15 0.00	51.00 4.34 0.00	56.55 5.09 0.00	73.84 6.94 -2.02	98.62 9.14 -5.57	113.93 8.32 -27.81	96.30 6.44 -27.33	69.45 4.95 -14.98	60.51 4.65 -6.95	49.81 4.07 0.00	43.61 3.49 0.00	38.37 2.41 0.00
NEG CAPITAL___MECHNVIL 23645	33.03 2.36 0.00	30.19 2.19 0.00	27.08 1.91 0.00	26.12 1.76 0.00	26.20 1.78 0.00	28.01 1.90 0.00	30.35 1.91 0.00	33.41 2.07 0.00	35.12 2.14 0.00	37.45 2.12 0.00	40.33 2.53 0.00	43.32 2.83 0.00	46.29 3.11 0.00	50.11 3.45 0.00	55.52 4.06 0.00	85.80 5.19 -15.72	122.02 7.05 -31.08	177.79 6.92 -93.08	240.67 5.82 -172.32	120.34 4.51 -66.32	82.07 4.50 -28.66	49.86 4.12 0.00	43.33 3.21 0.00	38.40 2.45 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.33 -0.34 0.00	27.50 -0.50 0.00	24.69 -0.48 0.00	23.95 -0.41 0.00	23.98 -0.44 0.00	25.74 -0.37 0.00	27.98 -0.46 0.00	30.72 -0.63 0.00	32.22 -0.76 0.00	34.70 -0.63 0.00	37.20 -0.61 0.00	40.24 -0.24 0.00	42.92 -0.26 0.00	46.47 -0.19 0.00	50.68 -0.77 0.00	61.64 -1.17 2.08	78.89 -1.77 3.24	77.84 -1.56 -1.60	61.41 -1.12 0.00	48.49 -0.99 0.03	48.08 -0.83 0.00	45.28 -0.46 0.00	39.67 -0.44 0.00	35.81 -0.14 0.00

NEG CENTRAL___DRP 24199	31.06 0.40 0.00	28.22 0.22 0.00	25.35 0.18 0.00	24.54 0.17 0.00	24.59 0.17 0.00	26.39 0.29 0.00	28.78 0.34 0.00	31.69 0.34 0.00	33.24 0.26 0.00	35.83 0.28 -0.21	38.07 0.26 0.00	41.13 0.65 0.00	43.83 0.65 0.00	47.59 0.93 0.00	52.18 0.72 0.00	64.44 0.39 0.83	84.60 0.50 -0.20	80.81 0.54 -2.47	63.41 0.88 0.00	50.05 0.54 0.01	49.60 0.68 0.00	46.72 0.82 -0.16	40.76 0.60 -0.04	36.61 0.65 0.00
NEG CENTRAL___INDECK 23768	32.01 1.35 0.00	28.98 0.98 0.00	26.00 0.83 0.00	25.22 0.85 0.00	25.22 0.80 0.00	27.15 1.05 0.00	29.52 1.08 0.00	32.16 0.81 0.00	33.41 0.43 0.00	35.76 0.43 0.00	38.10 0.30 0.00	41.25 0.77 0.00	43.83 0.65 0.00	45.96 -0.70 0.00	50.17 -1.28 0.00	60.73 -2.21 1.95	78.49 -2.69 2.72	79.30 -2.10 -3.60	64.40 -0.56 -2.43	51.63 -0.15 -2.26	50.36 0.30 -1.16	46.56 0.82 0.00	42.08 1.97 0.00	38.01 2.05 0.00
NEG CENTRAL___SENECA 23627	31.31 0.64 0.00	28.39 0.39 0.00	25.50 0.33 0.00	24.68 0.32 0.00	24.73 0.32 0.00	26.57 0.47 0.00	28.98 0.54 0.00	31.88 0.53 0.00	33.41 0.43 0.00	35.91 0.46 -0.11	38.14 0.34 0.00	41.33 0.85 0.00	44.00 0.82 0.00	47.78 1.12 0.00	52.23 0.77 0.00	63.74 0.32 1.47	82.88 0.42 1.44	80.64 0.54 -2.30	63.47 0.94 0.00	50.09 0.59 0.02	49.69 0.78 0.00	46.83 1.01 -0.08	40.90 0.76 -0.02	36.93 0.97 0.00
NEG CENTRAL___STATE_STREET 24147	31.03 0.37 0.00	28.22 0.22 0.00	25.35 0.18 0.00	24.54 0.17 0.00	24.59 0.17 0.00	26.36 0.26 0.00	28.75 0.31 0.00	31.72 0.38 0.00	33.27 0.30 0.00	35.93 0.32 -0.28	38.22 0.42 0.00	41.25 0.77 0.00	43.96 0.78 0.00	47.73 1.07 0.00	52.43 0.98 0.00	65.86 0.97 0.00	87.07 1.17 -1.99	81.67 1.17 -2.71	63.78 1.25 0.00	50.41 0.89 0.00	49.84 0.93 0.00	46.91 0.96 -0.21	40.90 0.72 -0.06	36.47 0.50 0.00
NEG MILLWOOD___DRP 24198	33.09 2.42 0.00	30.10 2.10 0.00	27.06 1.89 0.00	26.10 1.73 0.00	26.17 1.76 0.00	27.96 1.85 0.00	30.52 2.08 0.00	33.70 2.35 0.00	35.68 2.70 0.00	38.27 2.93 0.00	41.62 3.82 0.00	44.69 4.21 0.00	47.76 4.58 0.00	51.46 4.81 0.00	57.06 5.61 0.00	75.12 7.79 -2.45	100.94 10.65 -6.39	116.79 9.72 -29.27	98.83 7.57 -28.73	70.66 5.79 -15.35	61.33 5.43 -6.99	50.36 4.62 0.00	44.01 3.89 0.00	38.65 2.70 0.00
NEG NORTH_FLCN_SEA 23793	31.00 0.34 0.00	28.59 0.59 0.00	25.67 0.50 0.00	24.95 0.58 0.00	25.00 0.59 0.00	26.78 0.68 0.00	29.26 0.82 0.00	32.32 0.97 0.00	33.87 0.89 0.00	36.36 1.02 0.00	38.67 0.87 0.00	41.13 0.65 0.00	43.61 0.43 0.00	46.89 0.23 0.00	48.77 -1.08 1.60	48.18 -1.36 15.34	48.61 -2.35 32.94	48.43 -2.33 27.04	53.31 -2.00 7.22	48.82 -0.69 0.00	47.64 -1.27 0.00	45.33 -0.41 0.00	40.68 0.56 0.00	37.07 1.11 0.00
NEG NORTH_KES_CHATEGAY 23792	30.17 -0.49 0.00	27.80 -0.20 0.00	24.97 -0.20 0.00	24.25 -0.12 0.00	24.32 -0.10 0.00	26.00 -0.10 0.00	28.38 -0.06 0.00	31.31 -0.03 0.00	32.85 -0.13 0.00	35.23 -0.11 0.00	37.39 -0.42 0.00	39.67 -0.81 0.00	42.10 -1.08 0.00	45.30 -1.35 0.00	47.93 -1.96 1.57	47.49 -2.34 15.06	48.37 -3.19 32.34	48.22 -3.03 26.54	53.00 -2.44 7.09	48.13 -1.39 0.00	47.25 -1.66 0.00	44.50 -1.23 0.00	39.43 -0.68 0.00	36.03 0.07 0.00
NEG NORTH___ALICE_FALLS 23915	30.91 0.25 0.00	28.50 0.50 0.00	25.60 0.43 0.00	24.85 0.49 0.00	24.90 0.49 0.00	26.68 0.57 0.00	29.15 0.71 0.00	32.22 0.88 0.00	33.74 0.76 0.00	36.22 0.88 0.00	38.48 0.68 0.00	40.93 0.45 0.00	43.40 0.22 0.00	46.70 0.05 0.00	48.83 -1.03 1.60	48.36 -1.23 15.29	49.12 -1.93 32.84	48.89 -1.94 26.96	53.58 -1.75 7.20	48.97 -0.54 0.00	47.84 -1.08 0.00	45.42 -0.32 0.00	40.56 0.44 0.00	36.96 1.01 0.00
NEG NORTH___LWR_SARANAC 23913	30.91 0.25 0.00	28.50 0.50 0.00	25.60 0.43 0.00	24.85 0.49 0.00	24.90 0.49 0.00	26.68 0.57 0.00	29.15 0.71 0.00	32.22 0.88 0.00	33.74 0.76 0.00	36.22 0.88 0.00	38.48 0.68 0.00	40.93 0.45 0.00	43.40 0.22 0.00	46.70 0.05 0.00	48.83 -1.03 1.60	48.36 -1.23 15.29	49.12 -1.93 32.84	48.89 -1.94 26.96	53.58 -1.75 7.20	48.97 -0.54 0.00	47.84 -1.08 0.00	45.42 -0.32 0.00	40.56 0.44 0.00	36.96 1.01 0.00
NEG NORTH___PLATTSBURG 23628	30.91 0.24 0.00	28.50 0.50 0.00	25.60 0.43 0.00	24.85 0.49 0.00	24.90 0.49 0.00	26.68 0.57 0.00	29.15 0.71 0.00	32.22 0.88 0.00	33.74 0.76 0.00	36.22 0.88 0.00	38.40 0.60 0.00	40.93 0.45 0.00	43.40 0.22 0.00	45.77 -0.89 0.00	48.83 -1.03 1.60	48.36 -1.23 15.29	49.13 -1.93 32.84	48.90 -1.94 26.96	53.60 -1.75 7.18	48.43 -1.09 0.00	48.33 -0.58 0.00	46.38 0.64 0.00	40.56 0.44 0.00	36.68 0.72 0.00
NEG WEST_LEA_LOCKPORT 23791	30.57 -0.09 0.00	27.66 -0.34 0.00	24.87 -0.30 0.00	24.17 -0.19 0.00	24.10 -0.32 0.00	25.97 -0.13 0.00	28.01 -0.43 0.00	30.25 -1.10 0.00	31.72 -1.25 0.00	33.74 -1.59 0.00	36.14 -1.66 0.00	39.39 -1.09 0.00	41.75 -1.42 0.00	45.49 -1.17 0.00	48.88 -2.57 0.00	57.47 -4.93 2.48	74.07 -6.54 3.28	74.87 -6.07 -3.14	60.49 -4.13 -2.09	48.18 -3.27 -1.94	47.17 -2.74 -0.99	44.05 -1.69 0.00	38.83 -1.28 0.00	35.63 -0.32 0.00
NEG WEST___LANCASTR 23811	30.79 0.12 0.00	27.80 -0.20 0.00	24.99 -0.18 0.00	24.29 -0.07 0.00	24.20 -0.22 0.00	26.10 0.00 0.00	28.21 -0.23 0.00	30.69 -0.66 0.00	32.25 -0.73 0.00	34.63 -0.71 0.00	37.23 -0.57 0.00	40.60 0.12 0.00	42.92 -0.26 0.00	46.61 -0.05 0.00	50.43 -1.03 0.00	58.15 -4.48 2.26	75.11 -5.96 2.83	75.99 -5.52 -3.72	62.85 -2.19 -2.51	49.52 -2.33 -2.34	48.69 -1.42 -1.19	45.28 -0.46 0.00	39.95 -0.16 0.00	36.28 0.32 0.00
NEG_PENN_ALLEGHNY 23528	31.34 0.67 0.00	28.50 0.50 0.00	25.60 0.43 0.00	24.81 0.44 0.00	24.83 0.41 0.00	26.62 0.52 0.00	28.98 0.54 0.00	31.88 0.53 0.00	33.50 0.53 0.00	36.10 0.64 -0.13	38.67 0.87 0.00	41.66 1.17 0.00	44.35 1.17 0.00	47.96 1.30 0.00	52.69 1.23 0.00	65.17 0.97 0.69	85.52 1.26 -0.37	86.41 1.17 -7.45	71.52 1.37 -7.62	55.32 1.09 -4.72	52.37 1.07 -2.38	47.07 1.24 -0.09	41.26 1.12 -0.03	36.96 1.01 0.00
NEG___GEN_MONROE 24207	30.85 0.18 0.00	27.92 -0.08 0.00	25.07 -0.10 0.00	24.34 -0.02 0.00	24.34 -0.07 0.00	26.18 0.08 0.00	28.44 0.00 0.00	31.03 -0.31 0.00	32.55 -0.43 0.00	34.91 -0.42 0.00	37.39 -0.42 0.00	40.60 0.12 0.00	43.31 0.13 0.00	47.03 0.37 0.00	50.99 -0.46 0.00	61.24 -1.30 2.35	78.51 -1.76 3.63	77.85 -1.63 -1.69	61.47 -1.06 0.00	48.69 -0.79 0.04	48.33 -0.59 0.00	45.74 0.00 0.00	40.16 0.04 0.00	36.42 0.47 0.00
NEPA___ENERGY 23901	31.12 0.46 0.00	28.14 0.14 0.00	25.25 0.08 0.00	24.56 0.19 0.00	24.44 0.02 0.00	26.39 0.29 0.00	28.50 0.06 0.00	31.00 -0.34 0.00	32.61 -0.36 0.00	35.05 -0.28 0.00	37.65 -0.15 0.00	41.09 0.61 0.00	43.48 0.30 0.00	47.12 0.47 0.00	51.04 -0.41 0.00	60.04 -2.60 2.25	77.66 -3.44 2.80	78.29 -3.27 -3.76	63.69 -1.38 -2.54	50.59 -1.29 -2.36	49.39 -0.73 -1.21	45.97 0.23 0.00	40.52 0.40 0.00	36.71 0.76 0.00

NEVERSINK___HYD 23608	32.47 1.81 0.00	29.57 1.57 0.00	26.58 1.41 0.00	25.71 1.34 0.00	25.76 1.34 0.00	27.51 1.41 0.00	29.97 1.53 0.00	32.97 1.63 0.00	34.86 1.88 0.00	37.38 2.05 0.00	40.60 2.80 0.00	43.48 3.00 0.00	46.59 3.41 0.00	50.34 3.69 0.00	55.72 4.27 0.00	70.72 5.84 0.01	93.36 7.80 -1.66	105.01 7.15 -20.06	88.48 5.69 -20.26	66.71 4.36 -12.84	59.39 4.01 -6.46	49.21 3.47 0.00	43.01 2.89 0.00	38.19 2.23 0.00
NEWKRMKL_115KV_TB1 55635	31.43 0.77 0.00	28.73 0.73 0.00	25.82 0.65 0.00	25.00 0.63 0.00	25.05 0.63 0.00	26.73 0.63 0.00	29.12 0.68 0.00	32.10 0.75 0.00	33.84 0.86 0.00	36.18 0.85 0.00	39.01 1.21 0.00	41.82 1.34 0.00	44.65 1.47 0.00	48.20 1.54 0.00	53.36 1.90 0.00	57.99 2.60 9.49	72.49 3.44 14.84	97.49 3.27 -16.43	122.80 2.50 -57.77	87.80 1.88 -36.40	71.88 1.86 -21.11	47.43 1.69 0.00	41.60 1.48 0.00	36.75 0.79 0.00
NEWTON___FALLS_HYD 23847	29.84 -0.83 0.00	27.38 -0.62 0.00	24.57 -0.60 0.00	23.86 -0.51 0.00	23.93 -0.49 0.00	25.79 -0.31 0.00	28.21 -0.23 0.00	31.06 -0.28 0.00	32.58 -0.40 0.00	35.02 -0.42 -0.11	37.16 -0.64 0.00	39.31 -1.17 0.00	41.75 -1.42 0.00	45.21 -1.45 0.00	48.95 -1.70 0.80	54.78 -2.40 7.70	64.42 -3.69 15.79	61.78 -3.19 12.83	56.72 -2.19 3.63	48.13 -1.39 0.00	47.64 -1.27 0.00	44.82 -1.01 -0.08	39.18 -0.96 -0.02	35.82 -0.14 0.00
NGRID_A1_DSASP 323792	29.84 -0.83 0.00	26.96 -1.04 0.00	24.27 -0.91 0.00	23.61 -0.76 0.00	23.56 -0.86 0.00	25.35 -0.76 0.00	27.33 -1.11 0.00	29.40 -1.94 0.00	30.80 -2.18 0.00	33.21 -2.12 0.00	35.61 -2.19 0.00	38.66 -1.82 0.00	40.93 -2.25 0.00	44.18 -2.47 0.00	47.54 -3.91 0.00	56.21 -6.10 2.57	72.57 -8.05 3.27	73.53 -7.47 -3.20	59.16 -5.50 -2.13	47.24 -4.26 -1.98	46.26 -3.67 -1.02	43.13 -2.61 0.00	38.15 -1.96 0.00	35.09 -0.86 0.00
NGRID_A2_DSASP 323793	29.84 -0.83 0.00	26.96 -1.04 0.00	24.27 -0.91 0.00	23.61 -0.76 0.00	23.56 -0.86 0.00	25.35 -0.76 0.00	27.33 -1.11 0.00	29.40 -1.94 0.00	30.80 -2.18 0.00	33.21 -2.12 0.00	35.61 -2.19 0.00	38.66 -1.82 0.00	40.93 -2.25 0.00	44.18 -2.47 0.00	47.54 -3.91 0.00	56.21 -6.10 2.57	72.57 -8.05 3.27	73.53 -7.47 -3.20	59.16 -5.50 -2.13	47.24 -4.26 -1.98	46.26 -3.67 -1.02	43.13 -2.61 0.00	38.15 -1.96 0.00	35.09 -0.86 0.00
NGRID_A4_DSASP 323807	29.84 -0.83 0.00	26.96 -1.04 0.00	24.27 -0.91 0.00	23.61 -0.76 0.00	23.56 -0.86 0.00	25.35 -0.76 0.00	27.33 -1.11 0.00	29.40 -1.94 0.00	30.80 -2.18 0.00	33.21 -2.12 0.00	35.61 -2.19 0.00	38.66 -1.82 0.00	40.93 -2.25 0.00	44.18 -2.47 0.00	47.54 -3.91 0.00	56.21 -6.10 2.57	72.57 -8.05 3.27	73.53 -7.47 -3.20	59.16 -5.50 -2.13	47.24 -4.26 -1.98	46.26 -3.67 -1.02	43.13 -2.61 0.00	38.15 -1.96 0.00	35.09 -0.86 0.00
NIAGARA_115E_LBMP 323715	30.11 -0.55 0.00	27.27 -0.73 0.00	24.52 -0.65 0.00	23.85 -0.51 0.00	23.81 -0.61 0.00	25.61 -0.50 0.00	27.59 -0.85 0.00	29.71 -1.63 0.00	31.13 -1.85 0.00	33.53 -1.80 0.00	35.91 -1.89 0.00	38.99 -1.50 0.00	41.28 -1.90 0.00	44.56 -2.10 0.00	48.01 -3.45 0.00	56.79 -5.58 2.51	73.35 -7.30 3.24	74.24 -6.77 -3.21	59.86 -4.81 -2.14	47.74 -3.77 -1.99	46.60 -3.33 -1.02	43.54 -2.19 0.00	38.51 -1.61 0.00	35.38 -0.58 0.00
NIAGARA_115W_LBMP 323714	29.75 -0.92 0.00	26.91 -1.09 0.00	24.21 -0.96 0.00	23.54 -0.83 0.00	23.49 -0.93 0.00	25.27 -0.84 0.00	27.25 -1.19 0.00	29.31 -2.04 0.00	30.70 -2.28 0.00	33.11 -2.22 0.00	35.49 -2.31 0.00	38.54 -1.94 0.00	40.80 -2.37 0.00	44.05 -2.61 0.00	47.39 -4.07 0.00	56.02 -6.29 2.58	72.31 -8.31 3.28	73.37 -7.62 -3.20	59.04 -5.63 -2.13	47.08 -4.41 -1.98	46.11 -3.82 -1.01	43.04 -2.70 0.00	38.07 -2.04 0.00	34.99 -0.97 0.00
NIAGARA_230_LBMP 323716	30.17 -0.49 0.00	27.30 -0.70 0.00	24.57 -0.60 0.00	23.88 -0.49 0.00	23.83 -0.59 0.00	25.63 -0.47 0.00	27.64 -0.80 0.00	29.78 -1.57 0.00	31.20 -1.78 0.00	33.64 -1.70 0.00	36.06 -1.74 0.00	39.11 -1.38 0.00	41.45 -1.73 0.00	44.70 -1.96 0.00	48.21 -3.24 0.00	57.12 -5.13 2.63	73.78 -6.79 3.33	74.72 -6.23 -3.15	60.19 -4.44 -2.10	47.99 -3.47 -1.94	46.88 -3.03 -1.00	43.73 -2.01 0.00	38.67 -1.44 0.00	35.49 -0.47 0.00
NIAGARA___115KV_198_GIBSON 55903	29.75 -0.92 0.00	26.91 -1.09 0.00	24.21 -0.96 0.00	23.54 -0.83 0.00	23.46 -0.95 0.00	25.27 -0.84 0.00	27.25 -1.19 0.00	29.31 -2.04 0.00	30.74 -2.24 0.00	32.93 -2.40 0.00	35.34 -2.46 0.00	38.54 -1.94 0.00	40.85 -2.33 0.00	44.42 -2.24 0.00	47.70 -3.76 0.00	56.01 -6.29 2.58	72.31 -8.31 3.28	73.37 -7.62 -3.20	59.04 -5.63 -2.13	47.08 -4.41 -1.98	46.16 -3.77 -1.01	43.04 -2.70 0.00	37.99 -2.13 0.00	34.95 -1.01 0.00
NIAGARA____ 23760	30.17 -0.49 0.00	27.30 -0.70 0.00	24.57 -0.60 0.00	23.88 -0.49 0.00	23.83 -0.59 0.00	25.63 -0.47 0.00	27.64 -0.80 0.00	29.78 -1.57 0.00	31.20 -1.78 0.00	33.64 -1.70 0.00	36.06 -1.74 0.00	39.11 -1.38 0.00	41.45 -1.73 0.00	44.70 -1.96 0.00	48.21 -3.24 0.00	57.16 -5.13 2.59	73.81 -6.79 3.30	74.74 -6.23 -3.18	60.21 -4.44 -2.12	48.01 -3.47 -1.96	46.89 -3.03 -1.01	43.73 -2.01 0.00	38.67 -1.44 0.00	35.49 -0.47 0.00
NINE_MILE_1 23575	29.87 -0.80 0.00	27.25 -0.75 0.00	24.49 -0.68 0.00	23.76 -0.61 0.00	23.78 -0.63 0.00	25.42 -0.68 0.00	27.70 -0.74 0.00	30.50 -0.84 0.00	32.05 -0.92 0.00	32.48 -0.95 1.90	36.86 -0.94 0.00	39.59 -0.89 0.00	42.19 -0.99 0.00	45.68 -0.98 0.00	50.22 -1.24 0.00	45.98 -1.69 17.22	41.93 -2.18 39.78	69.95 -2.02 5.83	61.03 -1.50 0.00	48.02 -1.24 0.26	47.74 -1.17 0.00	43.28 -1.05 1.41	38.80 -0.92 0.40	35.10 -0.83 0.03
NINE_MILE_2 23744	29.87 -0.80 0.00	27.25 -0.75 0.00	24.49 -0.68 0.00	23.76 -0.61 0.00	23.78 -0.63 0.00	25.42 -0.68 0.00	27.70 -0.74 0.00	30.50 -0.84 0.00	32.05 -0.92 0.00	32.45 -0.95 1.93	36.86 -0.94 0.00	39.59 -0.89 0.00	42.19 -0.99 0.00	45.68 -0.98 0.00	50.22 -1.24 0.00	45.75 -1.69 17.44	41.39 -2.18 40.33	69.84 -2.02 5.93	61.03 -1.50 0.00	48.01 -1.24 0.27	47.74 -1.17 0.00	43.26 -1.05 1.43	38.79 -0.92 0.41	35.10 -0.83 0.03
NM_CAPITAL___DRP 24208	31.52 0.86 0.00	28.81 0.81 0.00	25.93 0.76 0.00	25.10 0.73 0.00	25.12 0.71 0.00	26.81 0.70 0.00	29.21 0.77 0.00	32.16 0.81 0.00	33.90 0.92 0.00	36.25 0.92 0.00	39.09 1.29 0.00	41.90 1.42 0.00	44.73 1.55 0.00	48.29 1.63 0.00	53.46 2.01 0.00	69.79 2.73 -2.18	93.89 3.61 -6.39	128.86 3.35 -47.72	158.03 2.56 -92.94	94.44 1.98 -42.94	71.68 1.96 -20.81	47.48 1.74 0.00	41.68 1.56 0.00	36.78 0.83 0.00
NM_CENTRAL___DRP 24181	30.57 -0.09 0.00	27.86 -0.14 0.00	25.04 -0.13 0.00	24.25 -0.12 0.00	24.32 -0.10 0.00	26.00 -0.10 0.00	28.35 -0.09 0.00	31.25 -0.09 0.00	32.85 -0.13 0.00	35.41 -0.11 -0.18	37.76 -0.04 0.00	40.65 0.16 0.00	43.35 0.17 0.00	46.98 0.33 0.00	51.71 0.26 0.00	63.97 0.06 0.98	83.62 0.00 0.28	79.63 0.00 -1.84	62.66 0.13 0.00	49.55 0.05 0.01	49.01 0.10 0.00	46.01 0.14 -0.14	40.19 0.04 -0.04	35.89 -0.07 0.00

NM_FRONTIER___DRP 24179	29.75 -0.92 0.00	26.91 -1.09 0.00	24.21 -0.96 0.00	23.54 -0.83 0.00	23.46 -0.95 0.00	25.27 -0.84 0.00	27.25 -1.19 0.00	29.31 -2.04 0.00	30.74 -2.24 0.00	32.93 -2.40 0.00	35.34 -2.46 0.00	38.54 -1.94 0.00	40.85 -2.33 0.00	44.42 -2.24 0.00	47.70 -3.76 0.00	56.01 -6.29 2.58	72.31 -8.31 3.28	73.37 -7.62 -3.20	59.04 -5.63 -2.13	47.08 -4.41 -1.98	46.16 -3.77 -1.01	43.04 -2.70 0.00	37.99 -2.13 0.00	34.95 -1.01 0.00
NM_ST_REGIS___HYD 24053	29.68 -0.98 0.00	27.30 -0.70 0.00	24.52 -0.65 0.00	23.81 -0.56 0.00	23.83 -0.59 0.00	25.55 -0.55 0.00	27.93 -0.51 0.00	30.78 -0.56 0.00	32.25 -0.73 0.00	34.64 -0.74 -0.05	36.63 -1.17 0.00	38.46 -2.02 0.00	40.72 -2.46 0.00	43.95 -2.71 0.00	47.10 -3.09 1.27	48.90 -3.83 12.16	52.83 -5.29 25.78	51.73 -4.82 21.24	53.06 -3.75 5.72	46.89 -2.62 0.00	46.22 -2.69 0.00	43.40 -2.38 -0.04	38.20 -1.93 -0.01	35.49 -0.47 0.00
NORTHPORT___1 23551	36.38 2.61 -3.11	35.38 2.32 -5.05	32.56 2.19 -5.20	27.70 2.02 -1.31	26.94 2.07 -0.45	28.22 2.11 0.00	30.83 2.39 0.00	35.74 2.66 -1.73	36.77 2.90 -0.89	37.60 2.26 0.00	39.95 3.33 1.18	40.11 3.68 4.05	40.38 4.06 6.86	56.13 4.34 -5.14	64.04 4.99 -7.59	95.14 6.87 -23.38	114.38 8.98 -21.50	159.52 8.09 -73.64	132.58 6.31 -63.73	79.66 4.86 -25.29	59.52 4.35 -6.25	53.92 3.84 -4.34	40.14 3.09 3.06	39.36 2.84 -0.57
NORTHPORT___2 23552	36.38 2.61 -3.11	35.38 2.32 -5.05	32.56 2.19 -5.20	27.70 2.02 -1.31	26.94 2.07 -0.45	28.22 2.11 0.00	30.83 2.39 0.00	35.74 2.66 -1.73	36.77 2.90 -0.89	37.60 2.26 0.00	39.95 3.33 1.18	40.11 3.68 4.05	39.95 4.06 7.29	39.95 4.34 11.05	40.01 4.99 16.43	39.95 6.87 31.81	39.97 8.98 52.91	40.55 8.09 45.34	40.12 6.31 28.73	40.09 4.86 14.28	40.33 4.35 12.94	40.27 3.84 9.32	40.12 3.09 3.09	39.36 2.84 -0.57
NORTHPORT___3 23553	36.01 2.24 -3.11	35.10 2.04 -5.05	32.26 1.89 -5.20	27.41 1.73 -1.31	26.65 1.78 -0.45	27.93 1.83 0.00	30.49 2.05 0.00	35.43 2.35 -1.73	36.34 2.47 -0.89	37.48 2.16 0.01	39.98 3.36 1.19	40.19 3.72 4.02	40.44 4.06 6.80	40.91 4.38 10.13	41.43 5.05 15.07	41.46 6.87 30.30	43.08 9.15 49.96	42.96 8.17 43.00	41.09 6.31 27.76	40.81 4.80 13.51	40.32 4.35 12.94	40.21 3.79 9.32	40.19 3.17 3.09	39.21 2.70 -0.56
NORTHPORT___4 23650	36.01 2.24 -3.11	35.10 2.04 -5.05	32.26 1.89 -5.20	27.41 1.73 -1.31	26.65 1.78 -0.45	27.93 1.83 0.00	30.49 2.05 0.00	35.43 2.35 -1.73	36.34 2.47 -0.89	37.48 2.16 0.01	39.98 3.36 1.19	40.19 3.72 4.02	40.44 4.06 6.80	40.91 4.38 10.13	41.43 5.05 15.07	41.46 6.87 30.30	43.08 9.15 49.96	42.96 8.17 43.00	41.09 6.31 27.76	40.81 4.80 13.51	40.32 4.35 12.94	40.21 3.79 9.32	40.19 3.17 3.09	39.21 2.70 -0.56
NORTHPORT___IC 23718	36.38 2.61 -3.11	35.38 2.32 -5.05	32.56 2.19 -5.20	27.70 2.02 -1.31	26.92 2.05 -0.45	28.22 2.11 0.00	30.83 2.39 0.00	35.74 2.66 -1.73	36.77 2.90 -0.89	37.84 2.51 0.00	39.95 3.33 1.18	40.15 3.72 4.05	39.95 4.06 7.29	39.76 4.15 11.05	39.81 4.79 16.43	40.02 6.94 31.81	40.05 9.06 52.91	40.63 8.17 45.33	40.19 6.38 28.73	40.04 4.80 14.28	40.33 4.35 12.94	40.36 3.93 9.32	40.16 3.13 3.09	39.04 2.52 -0.57
NORTH___COUNTRY_ESR 323785	30.11 -0.55 0.00	27.72 -0.28 0.00	24.92 -0.25 0.00	24.20 -0.17 0.00	24.27 -0.15 0.00	25.95 -0.16 0.00	28.30 -0.14 0.00	31.25 -0.09 0.00	32.81 -0.16 0.00	35.19 -0.14 0.00	37.31 -0.49 0.00	39.67 -0.81 0.00	42.10 -1.08 0.00	44.79 -1.87 0.00	47.88 -2.01 1.57	47.43 -2.40 15.05	48.30 -3.27 32.32	48.07 -3.19 26.53	52.87 -2.57 7.09	47.68 -1.83 0.00	47.35 -1.57 0.00	44.92 -0.82 0.00	39.31 -0.80 0.00	35.63 -0.32 0.00
NPX_GEN_1385_PROXY 323591	36.35 2.58 -3.11	35.29 2.24 -5.05	32.49 2.11 -5.20	27.68 2.00 -1.31	26.92 2.05 -0.45	28.19 2.09 0.00	30.80 2.36 0.00	35.64 2.57 -1.73	36.57 2.70 -0.89	37.42 2.08 0.00	40.14 3.52 1.18	40.48 4.05 4.05	40.99 4.75 6.94	54.30 5.46 -2.19	66.11 6.54 -8.12	86.84 8.63 -13.32	102.50 10.66 -7.95	139.56 9.80 -51.96	120.20 8.01 -49.66	104.84 6.34 -48.99	75.20 5.77 -20.52	52.80 5.21 -1.85	40.50 3.45 3.07	39.26 2.73 -0.57
NPX_GEN_CSC 323557	36.32 2.54 -3.11	35.21 2.16 -5.05	32.49 2.11 -5.20	27.68 2.00 -1.31	26.92 2.05 -0.45	28.14 2.04 0.00	30.74 2.30 0.00	35.55 2.48 -1.73	36.77 2.90 -0.89	37.84 2.51 0.00	41.66 3.86 0.00	47.96 4.45 -3.03	51.55 4.88 -3.49	58.52 5.32 -6.54	67.20 6.07 -9.68	99.82 8.37 -26.56	138.20 10.99 -43.32	167.31 9.96 -79.56	137.85 7.82 -67.50	82.72 5.94 -27.27	61.03 5.28 -6.83	55.11 4.62 -4.76	43.68 3.57 0.00	39.69 3.17 -0.57
NSINS_S_GLNS_FALLS 23858	33.73 3.07 0.00	30.86 2.86 0.00	27.61 2.44 0.00	26.63 2.27 0.00	26.71 2.30 0.00	28.58 2.48 0.00	30.52 2.08 0.00	33.60 2.26 0.00	35.09 2.11 0.00	37.38 2.05 0.00	40.03 2.23 0.00	43.03 2.55 0.00	46.03 2.85 0.00	49.83 3.17 0.00	55.26 3.81 0.00	82.12 4.87 -12.37	116.03 7.13 -25.00	170.81 7.31 -85.70	237.80 6.50 -168.77	121.73 5.10 -67.12	84.10 5.14 -30.06	50.45 4.71 0.00	43.61 3.49 0.00	38.47 2.52 0.00
NUCOR_STEEL___DRP 24197	31.06 0.40 0.00	28.28 0.28 0.00	25.40 0.23 0.00	24.56 0.19 0.00	24.66 0.24 0.00	26.39 0.29 0.00	28.78 0.34 0.00	31.72 0.38 0.00	33.31 0.33 0.00	35.95 0.32 -0.30	38.22 0.42 0.00	41.25 0.77 0.00	43.96 0.78 0.00	47.64 0.98 0.00	52.38 0.93 0.00	65.79 0.91 0.00	87.10 1.09 -2.11	81.59 1.09 -2.71	63.66 1.13 0.00	50.31 0.79 0.00	49.79 0.88 0.00	46.88 0.91 -0.22	40.90 0.72 -0.06	36.50 0.54 -0.01
NUMBER_THREE_WT_PWR 323818	30.27 -0.40 0.00	27.75 -0.25 0.00	24.92 -0.25 0.00	24.25 -0.12 0.00	24.32 -0.10 0.00	26.42 0.31 0.00	28.87 0.43 0.00	31.78 0.44 0.00	33.34 0.36 0.00	35.86 0.39 -0.13	38.14 0.34 0.00	40.73 0.24 0.00	43.44 0.26 0.00	47.08 0.42 0.00	51.51 0.36 0.31	61.74 -0.19 2.95	77.37 -1.09 5.44	72.82 -0.70 4.27	60.86 -0.19 1.49	49.71 0.20 0.00	49.40 0.49 0.00	46.75 0.91 -0.10	40.66 0.52 -0.03	36.53 0.57 0.00
NYISO_LBMP_REFERENCE 24008	30.67 0.00 0.00	28.00 0.00 0.00	25.17 0.00 0.00	24.37 0.00 0.00	24.42 0.00 0.00	26.10 0.00 0.00	28.44 0.00 0.00	31.34 0.00 0.00	32.98 0.00 0.00	35.33 0.00 0.00	37.80 0.00 0.00	40.48 0.00 0.00	43.18 0.00 0.00	46.66 0.00 0.00	51.45 0.00 0.00	64.88 0.00 0.00	83.90 0.00 0.00	77.79 0.00 0.00	62.53 0.00 0.00	49.51 0.00 0.00	48.91 0.00 0.00	45.74 0.00 0.00	40.12 0.00 0.00	35.96 0.00 0.00
NYPA_BRENTWD____GT 24164	36.87 3.10 -3.11	35.77 2.72 -5.05	32.89 2.52 -5.20	28.02 2.34 -1.31	27.26 2.39 -0.45	28.58 2.48 0.00	31.20 2.76 0.00	36.18 3.10 -1.73	37.33 3.46 -0.89	38.37 3.04 0.00	42.11 4.31 0.00	48.26 4.69 -3.08	52.39 5.14 -4.08	59.53 5.22 -7.65	68.78 6.02 -11.31	101.43 8.18 -28.37	141.47 10.74 -46.83	169.88 9.72 -82.36	138.83 7.63 -68.67	83.55 5.84 -28.20	61.08 5.33 -6.83	55.55 5.03 -4.78	44.17 4.05 0.00	40.26 3.74 -0.57

NYPA_GOWANUS____GT5 24156	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.87 4.85 -19.36	142.52 5.45 -85.61	90.72 7.46 -18.38	101.00 9.89 -7.21	164.29 8.87 -77.63	120.06 6.82 -50.71	69.65 4.95 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.01 4.09 -1.80	39.34 3.38 0.00
NYPA_GOWANUS____GT6 24157	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.76 0.00	26.25 1.83 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.98 3.00 0.00	38.68 3.29 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.87 4.85 -19.36	142.52 5.45 -85.61	90.72 7.46 -18.38	101.00 9.89 -7.21	164.29 8.87 -77.63	120.06 6.82 -50.71	69.65 4.95 -15.18	67.45 4.74 -13.79	67.24 4.21 -17.30	46.01 4.09 -1.80	39.34 3.38 0.00
NYPA_HARLEM__RVR__GT1 24160	33.21 2.54 0.00	30.13 2.13 0.00	27.14 1.96 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.77 1.67 0.00	30.34 1.91 0.01	33.63 2.29 0.00	35.67 2.70 0.01	38.26 2.93 0.01	41.61 3.82 0.01	44.40 3.93 0.01	47.36 4.19 0.01	50.95 4.29 0.00	56.28 4.84 0.01	74.59 7.01 -2.70	99.93 9.23 -6.81	115.82 8.48 -29.54	97.95 6.50 -28.91	69.35 4.65 -15.18	60.19 4.45 -6.83	49.44 3.70 0.00	43.85 3.73 0.00	39.01 3.05 0.00
NYPA_HARLEM__RVR__GT2 24161	33.21 2.54 0.00	30.13 2.13 0.00	27.14 1.96 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.77 1.67 0.00	30.34 1.91 0.01	33.63 2.29 0.00	35.67 2.70 0.01	38.26 2.93 0.01	41.61 3.82 0.01	44.40 3.93 0.01	47.36 4.19 0.01	50.95 4.29 0.00	56.28 4.84 0.01	74.59 7.01 -2.70	99.93 9.23 -6.81	115.82 8.48 -29.54	97.95 6.50 -28.91	69.35 4.65 -15.18	60.19 4.45 -6.83	49.44 3.70 0.00	43.85 3.73 0.00	39.01 3.05 0.00
NYPA_KENT____GT 24152	33.21 2.54 0.00	30.16 2.16 0.00	27.18 2.01 0.00	26.10 1.73 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.85 2.51 0.00	35.91 2.93 0.00	38.55 3.18 -0.03	41.89 4.08 0.00	44.77 4.29 0.00	47.79 4.57 -0.03	62.45 4.71 -11.09	105.77 5.30 -49.01	83.82 7.27 -11.67	100.58 9.64 -7.04	143.50 8.63 -57.07	106.54 6.63 -37.38	69.55 4.86 -15.18	59.55 4.60 -6.04	49.73 4.03 0.03	44.06 3.97 0.03	39.26 3.31 0.00
NYPA_POUCH1____GT 24155	33.24 2.58 0.00	30.16 2.16 0.00	27.16 1.99 0.00	26.07 1.71 0.00	26.20 1.78 0.00	27.80 1.70 0.00	30.40 1.96 0.00	33.76 2.41 0.00	35.88 2.90 0.00	38.53 3.14 -0.06	41.85 4.05 0.00	44.77 4.29 0.00	51.72 4.62 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.72 7.46 -18.38	100.91 9.81 -7.21	164.29 8.87 -77.63	120.13 6.88 -50.71	69.65 4.95 -15.18	67.45 4.74 -13.79	67.20 4.16 -17.30	45.93 4.01 -1.80	39.26 3.31 0.00
NYPA_VERNON____GT2 24162	33.12 2.45 0.00	30.10 2.10 0.00	27.14 1.96 0.00	26.07 1.71 0.00	26.20 1.78 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.82 2.48 0.00	35.88 2.90 0.00	38.45 3.11 -0.01	41.81 4.01 0.00	44.69 4.21 0.00	47.64 4.45 -0.01	54.09 4.62 -2.81	69.07 5.19 -12.42	76.99 7.14 -4.97	100.16 9.39 -6.87	122.79 8.48 -36.52	93.04 6.44 -24.06	69.45 4.75 -15.18	58.92 4.45 -5.56	49.66 3.93 0.01	43.96 3.85 0.01	39.16 3.20 0.00
NYPA_VERNON____GT3 24163	33.12 2.45 0.00	30.10 2.10 0.00	27.14 1.96 0.00	26.07 1.71 0.00	26.20 1.78 0.00	27.90 1.80 0.00	30.51 2.07 0.00	33.82 2.48 0.00	35.88 2.90 0.00	38.45 3.11 -0.01	41.81 4.01 0.00	44.69 4.21 0.00	47.64 4.45 -0.01	54.09 4.62 -2.81	69.07 5.19 -12.42	76.99 7.14 -4.97	100.16 9.39 -6.87	122.79 8.48 -36.52	93.04 6.44 -24.06	69.45 4.75 -15.18	58.92 4.45 -5.56	49.66 3.93 0.01	43.96 3.85 0.01	39.16 3.20 0.00
NYPA____ASTORIA_CC1 323568	33.09 2.42 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.05 1.68 0.00	26.17 1.76 0.00	27.85 1.75 0.00	30.46 2.02 0.00	33.76 2.41 0.00	35.81 2.84 0.00	38.37 3.04 0.00	41.77 3.97 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.14 4.48 0.00	56.50 5.05 0.00	74.53 6.95 -2.70	99.93 9.23 -6.81	115.58 8.24 -29.54	86.38 6.31 -17.54	69.31 4.61 -15.18	58.30 4.31 -5.09	49.49 3.75 0.00	43.89 3.77 0.00	39.12 3.17 0.00
NYPA____ASTORIA_CC2 323569	33.09 2.42 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.05 1.68 0.00	26.17 1.76 0.00	27.85 1.75 0.00	30.46 2.02 0.00	33.76 2.41 0.00	35.81 2.84 0.00	38.37 3.04 0.00	41.77 3.97 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.14 4.48 0.00	56.50 5.05 0.00	74.53 6.95 -2.70	99.93 9.23 -6.81	115.58 8.24 -29.54	86.38 6.31 -17.54	69.31 4.61 -15.18	58.30 4.31 -5.09	49.49 3.75 0.00	43.89 3.77 0.00	39.12 3.17 0.00
NYPA____HOLTSVILL 23794	36.48 2.70 -3.11	35.38 2.32 -5.05	32.61 2.24 -5.20	27.78 2.10 -1.31	27.02 2.15 -0.45	28.24 2.14 0.00	30.86 2.42 0.00	35.74 2.66 -1.73	36.90 3.03 -0.89	37.99 2.65 0.00	41.66 3.86 0.00	47.84 4.33 -3.02	51.38 4.75 -3.45	58.20 5.09 -6.46	66.82 5.81 -9.56	99.29 7.98 -26.43	137.27 10.32 -43.06	166.49 9.33 -79.36	137.27 7.31 -67.42	82.36 5.64 -27.20	60.88 5.13 -6.83	54.98 4.48 -4.76	43.77 3.65 0.00	39.80 3.27 -0.57
NYPA____HELLGATE_GT1 24158	33.21 2.54 0.00	30.13 2.13 0.00	27.14 1.96 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.77 1.67 0.00	30.34 1.91 0.01	33.66 2.32 0.00	35.67 2.70 0.01	38.22 2.90 0.01	41.61 3.82 0.01	44.40 3.93 0.01	47.36 4.19 0.01	50.95 4.29 0.00	56.28 4.84 0.01	74.59 7.01 -2.70	99.93 9.23 -6.81	115.82 8.48 -29.54	97.95 6.50 -28.91	69.35 4.65 -15.18	60.19 4.45 -6.83	49.44 3.70 0.00	43.85 3.73 0.00	39.01 3.05 0.00
NYPA____HELLGATE_GT2 24159	33.21 2.54 0.00	30.13 2.13 0.00	27.14 1.96 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.77 1.67 0.00	30.34 1.91 0.01	33.66 2.32 0.00	35.67 2.70 0.01	38.22 2.90 0.01	41.61 3.82 0.01	44.40 3.93 0.01	47.36 4.19 0.01	50.95 4.29 0.00	56.28 4.84 0.01	74.59 7.01 -2.70	99.93 9.23 -6.81	115.82 8.48 -29.54	97.95 6.50 -28.91	69.35 4.65 -15.18	60.19 4.45 -6.83	49.44 3.70 0.00	43.85 3.73 0.00	39.01 3.05 0.00
NYS_BARGE____HYD 23848	30.60 -0.06 0.00	27.66 -0.33 0.00	24.89 -0.28 0.00	24.20 -0.17 0.00	24.15 -0.27 0.00	26.00 -0.10 0.00	28.04 -0.40 0.00	30.28 -1.07 0.00	31.76 -1.22 0.00	34.13 -1.20 0.00	36.52 -1.29 0.00	39.59 -0.89 0.00	41.93 -1.25 0.00	45.35 -1.31 0.00	48.78 -2.68 0.00	57.80 -4.61 2.47	74.48 -6.12 3.30	75.23 -5.68 -3.11	60.73 -3.88 -2.07	48.46 -2.97 -1.92	47.35 -2.55 -0.98	44.27 -1.47 0.00	39.07 -1.04 0.00	35.81 -0.14 0.00
OAK ORCHARD____HYD 24046	30.82 0.15 0.00	27.92 -0.08 0.00	25.07 -0.10 0.00	24.34 -0.02 0.00	24.34 -0.07 0.00	26.16 0.05 0.00	28.38 -0.06 0.00	31.03 -0.31 0.00	32.55 -0.43 0.00	35.09 -0.25 0.00	37.58 -0.23 0.00	40.69 0.20 0.00	43.35 0.17 0.00	46.94 0.28 0.00	51.04 -0.41 0.00	61.70 -0.85 2.34	78.91 -1.35 3.64	78.30 -1.16 -1.67	61.72 -0.81 0.00	48.78 -0.69 0.04	48.47 -0.44 0.00	45.74 0.00 0.00	40.20 0.08 0.00	36.39 0.43 0.00

OAKDALE___35_KV_LOAD 356122	31.19 0.52 0.00	28.36 0.36 0.00	25.47 0.30 0.00	24.68 0.32 0.00	24.71 0.29 0.00	26.49 0.39 0.00	28.84 0.40 0.00	31.72 0.38 0.00	33.34 0.36 0.00	35.85 0.39 -0.12	38.41 0.60 0.00	41.37 0.89 0.00	44.09 0.91 0.00	47.68 1.03 0.00	52.43 0.98 0.00	64.75 0.58 0.72	84.86 0.67 -0.30	85.94 0.70 -7.45	71.28 0.94 -7.81	54.96 0.64 -4.80	52.17 0.83 -2.42	46.84 1.01 -0.09	41.02 0.88 -0.03	36.61 0.65 0.00
OCC_CHEM___DRP 24175	29.84 -0.83 0.00	26.96 -1.04 0.00	24.26 -0.91 0.00	23.59 -0.78 0.00	23.54 -0.88 0.00	25.35 -0.76 0.00	27.33 -1.11 0.00	29.40 -1.94 0.00	30.83 -2.14 0.00	33.04 -2.30 0.00	35.46 -2.34 0.00	38.66 -1.82 0.00	40.93 -2.25 0.00	44.56 -2.10 0.00	47.85 -3.60 0.00	56.22 -6.10 2.57	72.57 -8.05 3.27	73.53 -7.47 -3.20	59.17 -5.50 -2.13	47.19 -4.31 -1.98	46.26 -3.67 -1.02	43.13 -2.61 0.00	38.11 -2.01 0.00	35.06 -0.90 0.00
OH_GEN_PROXY 24063	30.17 -0.49 0.00	27.30 -0.70 0.00	24.57 -0.60 0.00	23.90 -0.46 0.00	23.83 -0.59 0.00	25.66 -0.44 0.00	27.67 -0.77 0.00	29.81 -1.54 0.00	31.26 -1.72 0.00	33.71 -1.62 0.00	36.14 -1.66 0.00	39.19 -1.30 0.00	41.54 -1.64 0.00	44.84 -1.82 0.00	48.37 -3.09 0.00	57.31 -4.93 2.64	74.12 -6.46 3.32	74.97 -5.99 -3.16	60.39 -4.25 -2.11	48.15 -3.32 -1.95	47.03 -2.89 -1.00	43.82 -1.92 0.00	38.75 -1.36 0.00	35.53 -0.43 0.00
OLIN_CORP_DRP 24177	30.17 -0.49 0.00	27.30 -0.70 0.00	24.57 -0.60 0.00	23.86 -0.51 0.00	23.80 -0.61 0.00	25.63 -0.47 0.00	27.61 -0.82 0.00	29.75 -1.60 0.00	31.20 -1.78 0.00	33.39 -1.94 0.00	35.80 -2.00 0.00	39.03 -1.46 0.00	41.37 -1.81 0.00	45.02 -1.63 0.00	48.37 -3.09 0.00	56.93 -5.45 2.51	73.54 -7.13 3.22	74.42 -6.61 -3.24	60.00 -4.69 -2.16	47.81 -3.71 -2.00	46.76 -3.18 -1.03	43.63 -2.10 0.00	38.51 -1.60 0.00	35.38 -0.58 0.00
OLIN_CORP_DSASP 323712	29.84 -0.83 0.00	26.96 -1.04 0.00	24.27 -0.91 0.00	23.61 -0.76 0.00	23.56 -0.86 0.00	25.35 -0.76 0.00	27.33 -1.11 0.00	29.40 -1.94 0.00	30.80 -2.18 0.00	33.21 -2.12 0.00	35.61 -2.19 0.00	38.66 -1.82 0.00	40.93 -2.25 0.00	44.18 -2.47 0.00	47.54 -3.91 0.00	56.21 -6.10 2.57	72.57 -8.05 3.27	73.53 -7.47 -3.20	59.16 -5.50 -2.13	47.24 -4.26 -1.98	46.26 -3.67 -1.02	43.13 -2.61 0.00	38.15 -1.96 0.00	35.09 -0.86 0.00
ONEIDA_HERK_LFGE 323681	31.03 0.37 0.00	28.36 0.36 0.00	25.45 0.28 0.00	24.68 0.32 0.00	24.76 0.34 0.00	26.70 0.60 0.00	29.18 0.74 0.00	32.13 0.78 0.00	33.74 0.76 0.00	36.25 0.85 -0.07	38.75 0.95 0.00	41.45 0.97 0.00	44.30 1.12 0.00	48.01 1.35 0.00	52.80 1.44 0.09	65.52 1.49 0.86	84.07 1.51 1.34	78.56 1.64 0.87	63.65 1.56 0.45	50.85 1.34 0.00	50.38 1.47 0.00	47.30 1.51 -0.05	41.25 1.12 -0.02	36.93 0.97 0.00
ONEIDA___115KV_TB4 55905	31.52 0.86 0.00	28.76 0.76 0.00	25.80 0.63 0.00	25.00 0.63 0.00	25.05 0.63 0.00	26.94 0.84 0.00	29.41 0.97 0.00	32.38 1.03 0.00	34.00 1.02 0.00	36.57 1.13 -0.10	39.09 1.29 0.00	41.94 1.46 0.00	44.86 1.68 0.00	48.66 2.01 0.00	53.62 2.16 0.00	66.85 2.47 0.50	86.84 3.02 0.08	82.02 3.11 -1.12	65.28 2.75 0.00	51.64 2.13 0.01	51.11 2.20 0.00	47.87 2.06 -0.07	41.74 1.60 -0.02	37.18 1.22 0.00
ONONDAGA_REF_OCCRA 23987	30.70 0.03 0.00	27.97 -0.03 0.00	25.12 -0.05 0.00	24.34 -0.02 0.00	24.39 -0.02 0.00	26.10 0.00 0.00	28.47 0.03 0.00	31.38 0.03 0.00	32.98 0.00 0.00	35.55 0.00 -0.22	37.92 0.11 0.00	40.81 0.32 0.00	43.52 0.35 0.00	47.17 0.51 0.00	51.92 0.46 0.00	64.49 0.32 0.72	84.72 0.42 -0.41	80.44 0.39 -2.26	63.03 0.50 0.00	49.80 0.30 0.01	49.25 0.34 0.00	46.31 0.41 -0.16	40.44 0.28 -0.05	36.03 0.07 0.00
ONONDAGA___COGEN 23986	30.76 0.09 0.00	28.03 0.03 0.00	25.17 0.00 0.00	24.37 0.00 0.00	24.44 0.02 0.00	26.13 0.03 0.00	28.50 0.06 0.00	31.44 0.09 0.00	33.01 0.03 0.00	35.71 0.04 -0.34	37.95 0.15 0.00	40.89 0.40 0.00	43.57 0.39 0.00	47.22 0.56 0.00	51.97 0.51 0.00	65.34 0.45 0.00	86.69 0.50 -2.29	80.82 0.47 -2.56	63.10 0.56 0.00	49.86 0.35 0.00	49.30 0.39 0.00	46.40 0.41 -0.25	40.47 0.28 -0.07	36.11 0.14 -0.01
ONTARIO___LFGE 23819	31.31 0.64 0.00	28.39 0.39 0.00	25.50 0.33 0.00	24.71 0.34 0.00	24.73 0.32 0.00	26.57 0.47 0.00	28.98 0.54 0.00	31.88 0.53 0.00	33.41 0.43 0.00	35.98 0.53 -0.11	38.22 0.42 0.00	41.33 0.85 0.00	44.00 0.82 0.00	47.64 0.98 0.00	52.12 0.67 0.00	63.74 0.33 1.47	82.88 0.42 1.44	80.64 0.55 -2.30	63.47 0.94 0.00	50.13 0.64 0.02	49.65 0.73 0.00	46.78 0.96 -0.08	40.94 0.80 -0.02	37.08 1.12 0.00
ORANGEVILLE_WT_PWR 323706	30.94 0.28 0.00	28.00 0.00 0.00	25.17 0.00 0.00	24.47 0.10 0.00	24.39 -0.02 0.00	26.21 0.10 0.00	28.35 -0.09 0.00	30.81 -0.53 0.00	32.32 -0.66 0.00	34.80 -0.53 0.00	37.31 -0.49 0.00	40.48 0.00 0.00	42.83 -0.35 0.00	46.24 -0.42 0.00	50.01 -1.44 0.00	59.60 -3.18 2.10	77.16 -4.11 2.63	77.87 -3.81 -3.89	63.16 -2.00 -2.63	50.48 -1.48 -2.45	48.99 -1.17 -1.25	45.42 -0.32 0.00	40.16 0.04 0.00	36.57 0.61 0.00
ORANGEVILLE___ESR 323794	30.94 0.28 0.00	28.00 0.00 0.00	25.17 0.00 0.00	24.47 0.10 0.00	24.39 -0.02 0.00	26.21 0.10 0.00	28.35 -0.09 0.00	30.81 -0.53 0.00	32.32 -0.66 0.00	34.80 -0.53 0.00	37.31 -0.49 0.00	40.48 0.00 0.00	42.83 -0.35 0.00	46.24 -0.42 0.00	50.01 -1.44 0.00	59.60 -3.18 2.10	77.16 -4.11 2.63	77.87 -3.81 -3.89	63.16 -2.00 -2.63	50.48 -1.48 -2.45	48.99 -1.17 -1.25	45.42 -0.32 0.00	40.16 0.04 0.00	36.57 0.61 0.00
OSWEGATCHIE___HYD 24044	29.84 -0.83 0.00	27.38 -0.62 0.00	24.57 -0.60 0.00	23.85 -0.51 0.00	23.93 -0.49 0.00	25.79 -0.31 0.00	28.21 -0.23 0.00	31.06 -0.28 0.00	32.58 -0.39 0.00	35.02 -0.42 -0.11	37.08 -0.72 0.00	39.31 -1.18 0.00	41.76 -1.42 0.00	45.16 -1.49 0.00	49.00 -1.65 0.80	54.78 -2.40 7.70	64.42 -3.69 15.79	61.85 -3.11 12.83	56.49 -2.19 3.85	48.08 -1.44 0.00	47.69 -1.22 0.00	44.91 -0.91 -0.08	39.18 -0.96 -0.02	35.67 -0.29 0.00
OSWEGO___5 23606	30.14 -0.52 0.00	27.47 -0.53 0.00	24.69 -0.48 0.00	23.93 -0.44 0.00	23.98 -0.44 0.00	25.63 -0.47 0.00	27.93 -0.51 0.00	30.75 -0.60 0.00	32.32 -0.66 0.00	36.08 -0.67 -1.42	37.16 -0.64 0.00	39.92 -0.57 0.00	42.53 -0.65 0.00	46.05 -0.61 0.00	50.63 -0.83 0.00	70.63 -1.17 -6.91	102.53 -1.60 -20.23	82.32 -1.40 -5.92	61.53 -1.00 0.00	48.78 -0.84 -0.11	48.13 -0.78 0.00	46.10 -0.68 -1.05	39.81 -0.60 -0.30	35.48 -0.50 -0.02
OSWEGO___6 23613	30.14 -0.52 0.00	27.47 -0.53 0.00	24.69 -0.48 0.00	23.93 -0.44 0.00	23.98 -0.44 0.00	25.63 -0.47 0.00	27.93 -0.51 0.00	30.75 -0.60 0.00	32.32 -0.66 0.00	36.08 -0.67 -1.42	37.16 -0.64 0.00	39.92 -0.57 0.00	42.53 -0.65 0.00	46.05 -0.61 0.00	50.63 -0.83 0.00	70.63 -1.17 -6.91	102.53 -1.60 -20.23	82.32 -1.40 -5.92	61.53 -1.00 0.00	48.78 -0.84 -0.11	48.13 -0.78 0.00	46.10 -0.68 -1.05	39.81 -0.60 -0.30	35.48 -0.50 -0.02

OUTOKUMPU-AB___DRP 24206	30.73 0.06 0.00	27.78 -0.22 0.00	24.97 -0.20 0.00	24.27 -0.10 0.00	24.20 -0.22 0.00	26.08 -0.03 0.00	28.16 -0.28 0.00	30.44 -0.91 0.00	31.96 -1.02 0.00	34.20 -1.13 0.00	36.74 -1.06 0.00	40.12 -0.36 0.00	42.49 -0.69 0.00	46.28 -0.37 0.00	49.55 -1.90 0.00	58.25 -4.15 2.48	75.08 -5.62 3.20	75.77 -5.29 -3.27	61.21 -3.50 -2.18	48.77 -2.77 -2.02	47.75 -2.20 -1.04	44.69 -1.05 0.00	39.39 -0.72 0.00	36.10 0.14 0.00
OXBOW___BTM 323836	30.30 -0.37 0.00	27.38 -0.62 0.00	24.64 -0.53 0.00	23.95 -0.41 0.00	23.90 -0.51 0.00	25.71 -0.39 0.00	27.76 -0.68 0.00	29.93 -1.41 0.00	31.40 -1.58 0.00	33.85 -1.48 0.00	36.33 -1.47 0.00	39.43 -1.05 0.00	41.80 -1.38 0.00	45.16 -1.49 0.00	48.47 -2.99 0.00	57.37 -4.99 2.52	73.62 -7.05 3.23	74.50 -6.53 -3.24	60.07 -4.63 -2.16	48.15 -3.37 -2.00	47.05 -2.89 -1.03	44.00 -1.74 0.00	38.87 -1.24 0.00	35.67 -0.29 0.00
OXBOW___ 24026	30.30 -0.37 0.00	27.38 -0.62 0.00	24.64 -0.53 0.00	23.95 -0.41 0.00	23.88 -0.54 0.00	25.71 -0.39 0.00	27.76 -0.68 0.00	29.93 -1.41 0.00	31.43 -1.55 0.00	33.64 -1.70 0.00	36.14 -1.66 0.00	39.43 -1.05 0.00	41.80 -1.38 0.00	45.49 -1.17 0.00	48.78 -2.68 0.00	57.36 -5.00 2.52	73.62 -7.05 3.23	74.50 -6.53 -3.24	60.06 -4.63 -2.16	48.05 -3.47 -2.00	47.05 -2.89 -1.03	43.95 -1.78 0.00	38.79 -1.32 0.00	35.60 -0.36 0.00
OXY_CHEM_DSASP 323612	29.84 -0.83 0.00	26.96 -1.04 0.00	24.26 -0.91 0.00	23.59 -0.78 0.00	23.54 -0.88 0.00	25.35 -0.76 0.00	27.33 -1.11 0.00	29.40 -1.94 0.00	30.83 -2.14 0.00	33.04 -2.30 0.00	35.46 -2.34 0.00	38.66 -1.82 0.00	40.93 -2.25 0.00	44.56 -2.10 0.00	47.85 -3.60 0.00	56.22 -6.10 2.57	72.57 -8.05 3.27	73.53 -7.47 -3.20	59.17 -5.50 -2.13	47.19 -4.31 -1.98	46.26 -3.67 -1.02	43.13 -2.61 0.00	38.11 -2.01 0.00	35.06 -0.90 0.00
OZONE_PARK_ESR 323760	33.36 2.70 0.00	30.32 2.32 0.00	27.31 2.14 0.00	26.29 1.93 0.00	26.37 1.95 0.00	28.17 2.06 0.00	30.77 2.33 0.00	34.07 2.73 0.00	36.11 3.13 0.00	38.76 3.43 0.00	42.19 4.39 0.00	45.14 4.66 0.00	48.10 4.92 0.00	51.88 5.23 0.00	57.37 5.92 0.00	75.76 8.18 -2.70	101.53 10.82 -6.81	116.99 9.65 -29.55	98.96 7.50 -28.92	70.34 5.64 -15.18	61.08 5.33 -6.83	50.45 4.71 0.00	44.49 4.37 0.00	39.12 3.16 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.84 -0.83 0.00	26.96 -1.04 0.00	24.26 -0.91 0.00	23.59 -0.78 0.00	23.54 -0.88 0.00	25.35 -0.76 0.00	27.33 -1.11 0.00	29.40 -1.94 0.00	30.83 -2.14 0.00	33.04 -2.30 0.00	35.46 -2.34 0.00	38.66 -1.82 0.00	40.93 -2.25 0.00	44.56 -2.10 0.00	47.85 -3.60 0.00	56.22 -6.10 2.57	72.57 -8.05 3.27	73.53 -7.47 -3.20	59.17 -5.50 -2.13	47.19 -4.31 -1.98	46.26 -3.67 -1.02	43.13 -2.61 0.00	38.11 -2.01 0.00	35.06 -0.90 0.00
PACKARD___115KV_DUPONT_184 80571	29.84 -0.83 0.00	26.96 -1.04 0.00	24.26 -0.91 0.00	23.59 -0.78 0.00	23.54 -0.88 0.00	25.35 -0.76 0.00	27.33 -1.11 0.00	29.40 -1.94 0.00	30.83 -2.14 0.00	33.04 -2.30 0.00	35.46 -2.34 0.00	38.66 -1.82 0.00	40.93 -2.25 0.00	44.56 -2.10 0.00	47.85 -3.60 0.00	56.22 -6.10 2.57	72.57 -8.05 3.27	73.53 -7.47 -3.20	59.17 -5.50 -2.13	47.19 -4.31 -1.98	46.26 -3.67 -1.02	43.13 -2.61 0.00	38.11 -2.01 0.00	35.06 -0.90 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.15 2.48 0.00	30.07 2.07 0.00	27.11 1.94 0.00	26.02 1.66 0.00	26.10 1.68 0.00	27.77 1.67 0.00	30.35 1.91 0.00	33.63 2.29 0.00	35.65 2.67 0.00	38.30 2.97 0.00	41.62 3.82 0.00	44.45 3.97 0.00	47.37 4.19 0.00	50.86 4.20 0.00	56.19 4.73 0.00	74.53 6.94 -2.70	99.85 9.14 -6.81	115.74 8.40 -29.54	97.89 6.44 -28.91	69.35 4.65 -15.18	60.19 4.45 -6.83	49.54 3.80 0.00	43.89 3.77 0.00	38.55 2.59 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.49 2.82 0.00	30.38 2.38 0.00	27.41 2.24 0.00	26.27 1.90 0.00	26.37 1.95 0.00	28.09 1.98 0.00	30.66 2.22 0.00	33.98 2.63 0.00	36.01 3.03 0.00	38.69 3.36 0.00	42.04 4.23 0.00	44.90 4.41 0.00	47.84 4.66 0.00	51.42 4.76 0.00	56.81 5.35 0.00	75.30 7.72 -2.70	100.94 10.24 -6.81	116.75 9.41 -29.54	98.76 7.32 -28.91	69.95 5.25 -15.18	60.83 5.09 -6.83	50.08 4.35 0.00	44.37 4.25 0.00	38.98 3.02 0.00
PATROON___115KV_TB1 80586	31.55 0.89 0.00	28.84 0.84 0.00	25.93 0.76 0.00	25.10 0.73 0.00	25.12 0.71 0.00	26.81 0.70 0.00	29.21 0.77 0.00	32.19 0.85 0.00	33.93 0.96 0.00	36.32 0.99 0.00	39.16 1.36 0.00	41.98 1.50 0.00	44.82 1.64 0.00	48.43 1.77 0.00	53.56 2.11 0.00	67.74 2.85 0.00	90.11 3.78 -2.44	124.88 3.58 -43.50	158.44 2.75 -93.16	96.09 2.08 -44.50	73.30 2.05 -22.34	47.61 1.88 0.00	41.76 1.64 0.00	36.89 0.93 0.00
PATTRSNVILLE___SOLAR 323815	32.23 1.56 0.00	29.37 1.37 0.00	26.38 1.21 0.00	25.49 1.12 0.00	25.56 1.15 0.00	27.36 1.25 0.00	29.72 1.28 0.00	32.63 1.29 0.00	34.23 1.25 0.00	36.46 1.13 0.00	39.24 1.44 0.00	42.02 1.54 0.00	44.91 1.73 0.00	48.57 1.91 0.00	53.72 2.26 0.00	72.68 2.99 -4.81	99.51 4.28 -11.33	150.69 4.43 -68.46	223.15 3.88 -156.74	119.82 3.12 -67.18	84.42 3.18 -32.33	48.62 2.88 0.00	42.40 2.29 0.00	37.75 1.80 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.94 0.28 0.00	27.94 -0.06 0.00	25.12 -0.05 0.00	24.42 0.05 0.00	24.32 -0.10 0.00	26.23 0.13 0.00	28.35 -0.09 0.00	30.81 -0.53 0.00	32.38 -0.59 0.00	34.77 -0.57 0.00	37.39 -0.42 0.00	40.81 0.32 0.00	43.18 0.00 0.00	46.98 0.33 0.00	50.73 -0.72 0.00	58.86 -3.70 2.33	76.10 -4.87 2.93	76.80 -4.59 -3.59	63.01 -1.94 -2.42	49.78 -1.98 -2.25	48.84 -1.22 -1.15	45.46 -0.27 0.00	40.08 -0.04 0.00	36.50 0.54 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.09 2.42 0.00	30.10 2.10 0.00	27.06 1.89 0.00	26.10 1.73 0.00	26.17 1.76 0.00	27.96 1.85 0.00	30.52 2.08 0.00	33.70 2.35 0.00	35.68 2.70 0.00	38.27 2.93 0.00	41.62 3.82 0.00	44.69 4.21 0.00	47.76 4.58 0.00	51.46 4.81 0.00	57.06 5.61 0.00	75.12 7.79 -2.45	100.94 10.65 -6.39	116.79 9.72 -29.27	98.83 7.57 -28.73	70.66 5.79 -15.35	61.33 5.43 -6.99	50.36 4.62 0.00	44.01 3.89 0.00	38.65 2.70 0.00
PEEKSKILL___ 23653	32.72 2.05 0.00	29.79 1.79 0.00	26.83 1.66 0.00	25.85 1.49 0.00	25.95 1.54 0.00	27.70 1.59 0.00	30.20 1.76 0.00	33.35 2.01 0.00	35.29 2.31 0.00	37.77 2.44 0.00	41.09 3.29 0.00	43.97 3.48 0.00	46.98 3.80 0.00	50.71 4.06 0.00	56.09 4.63 0.00	73.80 6.29 -2.63	98.95 8.39 -6.66	114.40 7.54 -29.06	96.78 5.82 -28.43	68.93 4.46 -14.96	59.76 4.11 -6.74	49.35 3.61 0.00	43.36 3.25 0.00	38.51 2.55 0.00
PGE MADISON___WINDPWR 24146	33.43 2.76 0.00	30.43 2.43 0.00	27.18 2.01 0.00	26.39 2.02 0.00	26.42 2.00 0.00	28.53 2.43 0.00	31.23 2.79 0.00	34.29 2.95 0.00	35.78 2.80 0.00	38.51 3.04 -0.13	41.05 3.25 0.00	44.05 3.56 0.00	47.15 3.97 0.00	51.28 4.62 0.00	56.24 4.79 0.00	69.90 5.58 0.57	91.57 7.13 -0.54	93.28 7.54 -7.95	79.67 6.82 -10.32	60.84 5.40 -5.92	57.39 5.48 -3.00	50.91 5.08 -0.10	44.24 4.09 -0.03	39.52 3.56 0.00

PIERCEFIELD___HYD 23852	29.56 -1.10 0.00	27.19 -0.81 0.00	24.39 -0.78 0.00	23.69 -0.68 0.00	23.71 -0.71 0.00	25.42 -0.68 0.00	27.81 -0.63 0.00	30.59 -0.75 0.00	32.09 -0.89 0.00	34.44 -0.95 -0.06	36.40 -1.40 0.00	38.14 -2.35 0.00	40.37 -2.81 0.00	43.58 -3.08 0.00	46.79 -3.45 1.21	48.98 -4.28 11.63	53.41 -5.87 24.61	52.13 -5.37 20.29	52.87 -4.19 5.48	46.54 -2.97 0.00	45.93 -2.98 0.00	43.04 -2.74 -0.04	37.84 -2.29 -0.01	35.35 -0.61 0.00
PINELAWN_CC_1 323563	36.75 2.97 -3.11	35.66 2.60 -5.05	32.77 2.39 -5.21	27.90 2.22 -1.31	27.14 2.27 -0.45	28.45 2.35 0.00	31.09 2.65 0.00	36.05 2.98 -1.73	37.20 3.33 -0.89	38.37 3.04 0.00	41.77 3.97 0.00	48.18 4.33 -3.36	54.81 4.53 -7.10	64.82 4.85 -13.31	76.75 5.61 -19.69	110.21 7.65 -37.68	158.94 10.15 -64.90	183.69 9.18 -96.72	144.38 7.19 -74.66	87.99 5.50 -32.98	60.74 4.99 -6.83	54.93 4.44 -4.76	43.97 3.85 0.00	40.23 3.70 -0.57
PJM_GEN_HTTP_PROXY 323702	32.97 2.30 0.00	29.99 1.99 0.00	27.01 1.84 0.00	26.03 1.66 0.00	26.12 1.71 0.00	27.88 1.78 0.00	30.46 2.02 0.00	33.70 2.35 0.00	35.68 2.70 0.00	38.23 2.90 0.00	41.66 3.86 0.00	44.53 4.05 0.00	47.54 4.36 0.00	51.32 4.67 0.00	56.76 5.30 0.00	74.78 7.20 -2.70	100.19 9.48 -6.81	115.82 8.48 -29.55	97.96 6.50 -28.92	69.60 4.90 -15.18	60.30 4.55 -6.83	49.72 3.98 0.00	43.80 3.69 0.00	38.98 3.02 0.00
PJM_GEN_KEystone 24065	31.55 0.89 0.00	28.70 0.70 0.00	25.80 0.63 0.00	25.00 0.63 0.00	25.00 0.59 0.00	26.78 0.68 0.00	29.06 0.62 0.00	31.88 0.53 0.00	33.60 0.63 0.00	36.11 0.78 0.00	39.01 1.21 0.00	42.02 1.54 0.00	44.69 1.51 0.00	47.94 1.59 0.30	52.46 1.44 0.43	66.13 1.36 0.12	87.50 1.84 -1.76	96.06 1.56 -16.71	80.09 1.62 -15.94	59.33 1.24 -8.57	53.58 1.13 -3.55	47.09 1.37 0.02	41.48 1.36 0.00	37.25 1.29 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.82 2.48 -1.67	32.90 2.19 -2.72	29.98 2.01 -2.80	26.90 1.83 -0.71	26.54 1.88 -0.24	28.06 1.96 0.00	30.63 2.19 0.00	34.75 2.48 -0.93	36.26 2.80 -0.48	37.95 2.61 0.00	41.58 3.78 0.00	46.02 4.09 -1.45	47.59 4.41 0.00	51.42 4.76 0.00	56.86 5.40 0.00	81.89 7.27 -9.74	108.67 9.56 -15.21	133.93 8.63 -47.50	115.16 6.69 -45.93	73.36 5.15 -18.70	60.49 4.74 -6.83	52.50 4.21 -2.55	43.77 3.65 0.00	39.35 3.09 -0.30
PJM_GEN_VFT_PROXY 323633	32.87 2.21 0.00	29.90 1.90 0.00	26.93 1.76 0.00	25.93 1.56 0.00	26.05 1.64 0.00	27.77 1.67 0.00	30.37 1.93 0.00	33.60 2.26 0.00	35.62 2.64 0.00	38.16 2.83 0.00	41.58 3.78 0.00	44.37 3.89 0.00	47.28 4.10 0.00	46.69 4.38 4.35	50.25 4.99 6.19	67.17 6.81 4.53	92.55 9.06 0.41	108.28 8.09 -22.39	83.63 6.13 -14.97	62.01 4.65 -7.84	51.12 4.25 2.05	49.13 3.70 0.31	43.68 3.57 0.00	38.91 2.95 0.00
PLATSBURG_115KV_PMLD1 355749	31.00 0.34 0.00	28.59 0.59 0.00	25.67 0.50 0.00	24.93 0.56 0.00	25.00 0.59 0.00	26.76 0.65 0.00	29.24 0.80 0.00	32.29 0.94 0.00	33.84 0.86 0.00	36.32 0.99 0.00	38.63 0.83 0.00	41.09 0.61 0.00	43.57 0.39 0.00	46.84 0.19 0.00	48.88 -0.98 1.60	48.31 -1.23 15.34	48.86 -2.10 32.94	48.66 -2.10 27.04	53.50 -1.81 7.22	48.92 -0.59 0.00	47.74 -1.17 0.00	45.37 -0.37 0.00	40.64 0.52 0.00	37.04 1.08 0.00
PLEASANTVLY___LBMP 24000	32.50 1.84 0.00	29.60 1.60 0.00	26.66 1.49 0.00	25.71 1.34 0.00	25.78 1.37 0.00	27.54 1.44 0.00	30.03 1.59 0.00	33.13 1.79 0.00	35.02 2.04 0.00	37.52 2.19 0.00	40.67 2.87 0.00	43.56 3.08 0.00	46.50 3.32 0.00	50.16 3.50 0.00	55.47 4.01 0.00	73.54 5.52 -3.14	98.92 7.30 -7.72	116.41 6.61 -32.00	99.15 5.07 -31.55	69.67 3.91 -16.25	59.82 3.67 -7.24	48.99 3.25 0.00	43.00 2.89 0.00	37.90 1.94 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.81 2.15 0.00	29.88 1.88 0.00	26.91 1.74 0.00	25.93 1.56 0.00	26.00 1.59 0.00	27.77 1.67 0.00	30.32 1.88 0.00	33.51 2.16 0.00	35.45 2.47 0.00	37.98 2.65 0.00	41.28 3.48 0.00	44.17 3.68 0.00	47.20 4.02 0.00	50.86 4.20 0.00	56.29 4.84 0.00	74.30 6.68 -2.73	99.68 8.89 -6.89	115.66 8.01 -29.85	97.93 6.19 -29.21	69.50 4.65 -15.33	60.21 4.40 -6.90	49.63 3.89 0.00	43.57 3.45 0.00	38.37 2.41 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	32.81 2.15 0.00	29.88 1.88 0.00	26.91 1.74 0.00	25.93 1.56 0.00	26.00 1.59 0.00	27.77 1.67 0.00	30.32 1.88 0.00	33.51 2.16 0.00	35.45 2.47 0.00	37.98 2.65 0.00	41.28 3.48 0.00	44.17 3.68 0.00	47.20 4.02 0.00	50.86 4.20 0.00	56.29 4.84 0.00	74.30 6.68 -2.73	99.68 8.89 -6.89	115.66 8.01 -29.85	97.93 6.19 -29.21	69.50 4.65 -15.33	60.21 4.40 -6.90	49.63 3.89 0.00	43.57 3.45 0.00	38.37 2.41 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.75 2.09 0.00	29.82 1.82 0.00	26.83 1.66 0.00	25.90 1.54 0.00	25.98 1.56 0.00	27.75 1.64 0.00	30.23 1.79 0.00	33.32 1.97 0.00	35.22 2.24 0.00	37.77 2.44 0.00	41.02 3.21 0.00	43.92 3.44 0.00	47.02 3.84 0.00	50.67 4.01 0.00	56.14 4.68 0.00	73.86 6.42 -2.55	99.05 8.56 -6.60	115.63 7.78 -30.06	98.80 6.00 -30.27	70.10 4.60 -15.98	60.54 4.35 -7.28	49.54 3.80 0.00	43.36 3.25 0.00	38.19 2.23 0.00
POLETTI_____ 23519	32.96 2.30 0.00	29.99 1.99 0.00	27.01 1.84 0.00	26.00 1.63 0.00	26.10 1.68 0.00	27.85 1.75 0.00	30.43 1.99 0.00	33.66 2.32 0.01	35.67 2.70 0.02	38.25 2.93 0.02	41.64 3.86 0.02	44.52 4.05 0.02	47.44 4.27 0.02	51.13 4.48 0.01	56.53 5.09 0.02	74.71 7.14 -2.69	100.09 9.40 -6.80	115.73 8.40 -29.53	97.82 6.38 -28.91	69.49 4.80 -15.18	60.23 4.50 -6.82	49.71 3.98 0.01	43.85 3.73 0.00	38.62 2.66 0.00
POMONA___ESR 323819	32.69 2.02 0.00	29.76 1.77 0.00	26.81 1.64 0.00	25.85 1.49 0.00	25.95 1.54 0.00	27.70 1.59 0.00	30.15 1.71 0.00	33.23 1.88 0.00	35.12 2.14 0.00	37.63 2.30 0.00	40.90 3.10 0.00	43.84 3.36 0.00	46.85 3.67 0.00	50.58 3.92 0.00	55.93 4.47 0.00	73.40 6.10 -2.42	98.25 8.14 -6.22	112.80 7.24 -27.76	95.18 5.56 -27.08	68.16 4.26 -14.38	59.34 3.91 -6.51	49.17 3.43 0.00	43.20 3.09 0.00	38.37 2.41 0.00
PORT_JEFF_3 23555	36.57 2.79 -3.11	35.46 2.41 -5.05	32.67 2.29 -5.20	27.83 2.14 -1.31	27.07 2.20 -0.45	28.27 2.17 0.00	30.89 2.45 0.00	35.77 2.70 -1.73	36.94 3.07 -0.89	38.02 2.68 0.00	41.70 3.89 0.00	47.80 4.29 -3.03	51.29 4.62 -3.49	58.15 4.94 -6.55	66.80 5.66 -9.68	99.24 7.78 -26.57	137.04 9.81 -43.33	166.16 8.79 -79.58	136.99 6.94 -67.52	82.33 5.54 -27.28	60.74 4.99 -6.83	54.84 4.35 -4.76	43.73 3.61 0.00	39.83 3.31 -0.57
PORT_JEFF_4 23616	36.57 2.79 -3.11	35.46 2.41 -5.05	32.67 2.29 -5.20	27.83 2.14 -1.31	27.07 2.20 -0.45	28.27 2.17 0.00	30.89 2.45 0.00	35.77 2.70 -1.73	36.94 3.07 -0.89	38.02 2.68 0.00	41.70 3.89 0.00	47.80 4.29 -3.03	51.29 4.62 -3.49	58.15 4.94 -6.55	66.80 5.66 -9.68	99.24 7.78 -26.57	137.04 9.81 -43.33	166.16 8.79 -79.58	136.99 6.94 -67.52	82.33 5.54 -27.28	60.74 4.99 -6.83	54.84 4.35 -4.76	43.73 3.61 0.00	39.83 3.31 -0.57

PORT_JEFF_IC 23713	36.57 2.79 -3.11	35.49 2.44 -5.05	32.72 2.34 -5.20	27.85 2.17 -1.31	27.06 2.20 -0.45	28.32 2.22 0.00	30.91 2.47 0.00	35.83 2.76 -1.73	37.00 3.13 -0.89	38.30 2.97 0.00	41.81 4.01 0.00	48.02 4.49 -3.04	51.81 5.01 -3.62	58.30 4.85 -6.79	67.01 5.51 -10.05	99.84 7.98 -26.98	138.34 10.32 -44.12	167.19 9.18 -80.22	137.57 7.25 -67.79	82.60 5.60 -27.49	60.83 5.09 -6.83	54.98 4.48 -4.76	43.93 3.81 0.00	39.62 3.09 -0.57
PPL PILGRIM_ST_GT1 24216	36.87 3.10 -3.11	35.77 2.72 -5.05	32.89 2.52 -5.20	28.02 2.34 -1.31	27.26 2.39 -0.45	28.58 2.48 0.00	31.20 2.76 0.00	36.18 3.10 -1.73	37.33 3.46 -0.89	38.37 3.04 0.00	42.11 4.31 0.00	48.26 4.69 -3.08	52.39 5.14 -4.08	59.53 5.22 -7.65	68.78 6.02 -11.31	101.43 8.18 -28.37	141.47 10.74 -46.83	169.88 9.72 -82.36	138.83 7.63 -68.67	83.55 5.84 -28.20	61.08 5.33 -6.83	55.55 5.03 -4.78	44.17 4.05 0.00	40.26 3.74 -0.57
PPL PILGRIM_ST_GT2 24217	36.87 3.10 -3.11	35.77 2.72 -5.05	32.89 2.52 -5.20	28.02 2.34 -1.31	27.26 2.39 -0.45	28.58 2.48 0.00	31.20 2.76 0.00	36.18 3.10 -1.73	37.33 3.46 -0.89	38.37 3.04 0.00	42.11 4.31 0.00	48.26 4.69 -3.08	52.39 5.14 -4.08	59.53 5.22 -7.65	68.78 6.02 -11.31	101.43 8.18 -28.37	141.47 10.74 -46.83	169.88 9.72 -82.36	138.83 7.63 -68.67	83.55 5.84 -28.20	61.08 5.33 -6.83	55.55 5.03 -4.78	44.17 4.05 0.00	40.26 3.74 -0.57
PPL_SHRM_GT3 24213	36.35 2.58 -3.11	35.21 2.16 -5.05	32.51 2.14 -5.20	27.70 2.02 -1.31	26.94 2.07 -0.45	28.14 2.04 0.00	30.77 2.33 0.00	35.55 2.48 -1.73	36.77 2.90 -0.89	37.84 2.51 0.00	41.66 3.86 0.00	47.97 4.45 -3.03	51.61 4.88 -3.55	58.67 5.36 -6.65	67.42 6.12 -9.84	100.13 8.50 -26.75	138.64 11.07 -43.68	167.76 10.11 -79.85	138.11 7.94 -67.63	82.92 6.04 -27.37	61.17 5.43 -6.83	55.21 4.71 -4.76	43.73 3.61 0.00	39.72 3.20 -0.57
PPL_SHRM_GT4 24214	36.35 2.58 -3.11	35.21 2.16 -5.05	32.51 2.14 -5.20	27.70 2.02 -1.31	26.94 2.07 -0.45	28.14 2.04 0.00	30.77 2.33 0.00	35.55 2.48 -1.73	36.77 2.90 -0.89	37.84 2.51 0.00	41.66 3.86 0.00	47.97 4.45 -3.03	51.61 4.88 -3.55	58.67 5.36 -6.65	67.42 6.12 -9.84	100.13 8.50 -26.75	138.64 11.07 -43.68	167.76 10.11 -79.85	138.11 7.94 -67.63	82.92 6.04 -27.37	61.17 5.43 -6.83	55.21 4.71 -4.76	43.73 3.61 0.00	39.72 3.20 -0.57
PROJECT___ORANGE 1 24174	30.60 -0.06 0.00	27.89 -0.11 0.00	25.04 -0.13 0.00	24.27 -0.10 0.00	24.32 -0.10 0.00	26.02 -0.08 0.00	28.38 -0.06 0.00	31.28 -0.06 0.00	32.88 -0.10 0.00	35.41 -0.11 -0.18	37.76 -0.04 0.00	40.69 0.20 0.00	43.40 0.22 0.00	47.03 0.37 0.00	51.76 0.31 0.00	64.02 0.13 0.99	83.67 0.08 0.31	79.73 0.08 -1.85	62.72 0.19 0.00	49.55 0.05 0.02	49.06 0.15 0.00	46.06 0.18 -0.13	40.23 0.08 -0.04	35.89 -0.07 0.00
PROJECT___ORANGE 2 24166	30.60 -0.06 0.00	27.89 -0.11 0.00	25.04 -0.13 0.00	24.27 -0.10 0.00	24.32 -0.10 0.00	26.02 -0.08 0.00	28.38 -0.06 0.00	31.28 -0.06 0.00	32.88 -0.10 0.00	35.41 -0.11 -0.18	37.76 -0.04 0.00	40.69 0.20 0.00	43.40 0.22 0.00	47.03 0.37 0.00	51.76 0.31 0.00	64.02 0.13 0.99	83.67 0.08 0.31	79.73 0.08 -1.85	62.72 0.19 0.00	49.55 0.05 0.02	49.06 0.15 0.00	46.06 0.18 -0.13	40.23 0.08 -0.04	35.89 -0.07 0.00
PUCKETT___SOLAR 323809	31.71 1.04 0.00	28.87 0.87 0.00	25.90 0.73 0.00	25.10 0.73 0.00	25.12 0.71 0.00	26.96 0.86 0.00	29.41 0.97 0.00	32.32 0.97 0.00	33.87 0.89 0.00	36.41 0.95 -0.12	38.90 1.10 0.00	41.86 1.38 0.00	44.60 1.42 0.00	48.33 1.68 0.00	53.10 1.65 0.00	65.86 1.62 0.64	86.48 2.18 -0.41	88.00 2.26 -7.95	74.07 2.38 -9.17	56.91 1.93 -5.47	53.64 1.96 -2.77	47.84 2.01 -0.09	41.83 1.68 -0.03	37.43 1.47 0.00
PYRITES___HYD 24023	30.11 -0.55 0.00	27.69 -0.31 0.00	24.82 -0.35 0.00	24.12 -0.24 0.00	24.15 -0.27 0.00	25.89 -0.21 0.00	28.35 -0.09 0.00	31.19 -0.16 0.00	32.65 -0.33 0.00	35.03 -0.35 -0.05	36.93 -0.87 0.00	38.70 -1.78 0.00	41.11 -2.07 0.00	44.42 -2.24 0.00	47.72 -2.47 1.26	49.66 -3.11 12.11	53.78 -4.45 25.67	52.67 -3.97 21.16	53.95 -2.88 5.70	47.63 -1.88 0.00	47.05 -1.86 0.00	44.04 -1.74 -0.04	38.56 -1.56 -0.01	35.92 -0.04 0.00
QUAKERRD_115KV_BK1 80622	30.17 -0.49 0.00	27.36 -0.64 0.00	24.57 -0.60 0.00	23.83 -0.54 0.00	23.85 -0.56 0.00	25.61 -0.50 0.00	27.81 -0.63 0.00	30.50 -0.85 0.00	32.02 -0.96 0.00	34.38 -0.95 0.00	36.86 -0.95 0.00	39.96 -0.53 0.00	42.57 -0.60 0.00	46.28 -0.37 0.00	50.43 -1.03 0.00	60.84 -1.75 2.29	77.87 -2.43 3.59	77.22 -2.18 -1.60	60.84 -1.69 0.00	48.09 -1.39 0.04	47.74 -1.17 0.00	44.96 -0.78 0.00	39.35 -0.76 0.00	35.53 -0.43 0.00
QUENSBRY_115KV_TB8 356137	33.79 3.13 0.00	30.91 2.91 0.00	27.66 2.49 0.00	26.68 2.31 0.00	26.76 2.34 0.00	28.63 2.53 0.00	30.54 2.10 0.00	33.63 2.29 0.00	35.09 2.11 0.00	37.42 2.08 0.00	40.03 2.23 0.00	43.03 2.55 0.00	46.03 2.85 0.00	49.83 3.17 0.00	55.31 3.86 0.00	81.92 4.93 -12.10	115.63 7.22 -24.52	170.38 7.47 -85.12	237.71 6.69 -168.48	121.89 5.20 -67.18	84.31 5.23 -30.17	50.54 4.80 0.00	43.65 3.53 0.00	38.47 2.52 0.00
RAMAPO___LBMP 323565	32.54 1.87 0.00	29.65 1.65 0.00	26.71 1.54 0.00	25.76 1.39 0.00	25.81 1.39 0.00	27.59 1.49 0.00	30.06 1.62 0.00	33.13 1.79 0.00	35.02 2.04 0.00	37.52 2.19 0.00	40.75 2.95 0.00	43.64 3.16 0.00	46.63 3.45 0.00	50.25 3.59 0.00	55.62 4.17 0.00	72.99 5.71 -2.39	97.70 7.63 -6.17	112.16 6.77 -27.60	94.63 5.19 -26.91	67.78 3.96 -14.31	59.11 3.72 -6.48	49.08 3.34 0.00	43.04 2.93 0.00	37.94 1.98 0.00
RANKINE___ 23646	30.97 0.31 0.00	27.97 -0.03 0.00	25.15 -0.03 0.00	24.44 0.07 0.00	24.37 -0.05 0.00	26.26 0.16 0.00	28.35 -0.09 0.00	30.72 -0.63 0.00	32.29 -0.69 0.00	34.63 -0.71 0.00	37.20 -0.60 0.00	40.60 0.12 0.00	43.01 -0.17 0.00	46.75 0.09 0.00	50.37 -1.08 0.00	59.13 -3.37 2.38	76.44 -4.45 3.00	77.10 -4.20 -3.50	62.63 -2.25 -2.35	49.72 -1.98 -2.19	48.61 -1.42 -1.12	45.28 -0.46 0.00	39.91 -0.20 0.00	36.46 0.50 0.00
RAVENSWOOD_GT2_1 24244	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.12 1.71 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.71 2.74 0.00	38.34 3.00 0.00	41.70 3.89 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.18 4.53 0.00	56.60 5.15 0.00	74.72 7.14 -2.70	100.19 9.48 -6.81	115.82 8.48 -29.55	97.96 6.50 -28.92	69.55 4.85 -15.18	60.34 4.60 -6.83	49.81 4.07 0.00	43.93 3.81 0.00	38.65 2.70 0.00
RAVENSWOOD_GT2_2 24245	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.12 1.71 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.71 2.74 0.00	38.34 3.00 0.00	41.70 3.89 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.18 4.53 0.00	56.60 5.15 0.00	74.72 7.14 -2.70	100.19 9.48 -6.81	115.82 8.48 -29.55	97.96 6.50 -28.92	69.55 4.85 -15.18	60.34 4.60 -6.83	49.81 4.07 0.00	43.93 3.81 0.00	38.65 2.70 0.00

RAVENSWOOD_GT2_3 24246	33.03 2.36 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.07 1.71 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.76 2.41 0.00	35.75 2.77 0.00	38.37 3.04 0.00	41.73 3.93 0.00	44.61 4.13 0.00	47.58 4.40 0.00	51.23 4.57 0.00	56.65 5.20 0.00	74.78 7.20 -2.70	100.27 9.56 -6.81	115.90 8.56 -29.55	98.02 6.57 -28.92	69.60 4.90 -15.18	60.34 4.60 -6.83	49.86 4.12 0.00	43.97 3.85 0.00	38.69 2.73 0.00
RAVENSWOOD_GT2_4 24247	33.03 2.36 0.00	30.04 2.04 0.00	27.08 1.91 0.00	26.07 1.71 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.76 2.41 0.00	35.75 2.77 0.00	38.37 3.04 0.00	41.73 3.93 0.00	44.61 4.13 0.00	47.58 4.40 0.00	51.23 4.57 0.00	56.65 5.20 0.00	74.78 7.20 -2.70	100.27 9.56 -6.81	115.90 8.56 -29.55	98.02 6.57 -28.92	69.60 4.90 -15.18	60.34 4.60 -6.83	49.86 4.12 0.00	43.97 3.85 0.00	38.69 2.73 0.00
RAVENSWOOD_GT3_1 24248	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.76 2.41 0.00	35.75 2.77 0.00	38.34 3.00 0.00	41.70 3.89 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.18 4.53 0.00	56.60 5.15 0.00	74.78 7.20 -2.70	100.19 9.48 -6.81	115.82 8.48 -29.55	97.96 6.50 -28.92	69.60 4.90 -15.18	60.34 4.60 -6.83	49.86 4.12 0.00	43.93 3.81 0.00	38.69 2.73 0.00
RAVENSWOOD_GT3_2 24249	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.76 2.41 0.00	35.75 2.77 0.00	38.34 3.00 0.00	41.70 3.89 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.18 4.53 0.00	56.60 5.15 0.00	74.78 7.20 -2.70	100.19 9.48 -6.81	115.82 8.48 -29.55	97.96 6.50 -28.92	69.60 4.90 -15.18	60.34 4.60 -6.83	49.86 4.12 0.00	43.93 3.81 0.00	38.69 2.73 0.00
RAVENSWOOD_GT3_3 24250	33.09 2.42 0.00	30.10 2.10 0.00	27.11 1.94 0.00	26.10 1.73 0.00	26.17 1.76 0.00	27.96 1.85 0.00	30.54 2.10 0.00	33.79 2.44 0.00	35.81 2.84 0.00	38.41 3.07 0.00	41.77 3.97 0.00	44.69 4.21 0.00	47.67 4.49 0.00	51.32 4.67 0.00	56.75 5.30 0.00	74.91 7.33 -2.70	100.36 9.65 -6.81	115.98 8.64 -29.55	98.08 6.63 -28.92	69.70 5.00 -15.18	60.44 4.70 -6.83	49.95 4.21 0.00	44.01 3.89 0.00	38.76 2.80 0.00
RAVENSWOOD_GT3_4 24251	33.09 2.42 0.00	30.10 2.10 0.00	27.11 1.94 0.00	26.10 1.73 0.00	26.17 1.76 0.00	27.96 1.85 0.00	30.54 2.10 0.00	33.79 2.44 0.00	35.81 2.84 0.00	38.41 3.07 0.00	41.77 3.97 0.00	44.69 4.21 0.00	47.67 4.49 0.00	51.32 4.67 0.00	56.75 5.30 0.00	74.91 7.33 -2.70	100.36 9.65 -6.81	115.98 8.64 -29.55	98.08 6.63 -28.92	69.70 5.00 -15.18	60.44 4.70 -6.83	49.95 4.21 0.00	44.01 3.89 0.00	38.76 2.80 0.00
RAVENSWOOD_GT_1 23729	33.12 2.45 0.00	30.10 2.10 0.00	27.13 1.96 0.00	26.07 1.71 0.00	26.17 1.76 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.82 2.48 0.00	35.85 2.87 0.00	38.49 3.14 -0.01	41.81 4.01 0.00	44.69 4.21 0.00	47.64 4.45 -0.01	53.99 4.53 -2.81	68.96 5.09 -12.42	76.99 7.14 -4.97	100.16 9.40 -6.87	122.79 8.48 -36.52	93.10 6.50 -24.06	69.45 4.75 -15.18	58.97 4.50 -5.56	49.76 4.03 0.01	44.00 3.89 0.01	38.73 2.77 0.00
RAVENSWOOD_GT_10 24258	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.76 2.41 0.00	35.75 2.77 0.00	38.34 3.00 0.00	41.70 3.89 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.18 4.53 0.00	56.65 5.20 0.00	74.78 7.20 -2.70	100.19 9.48 -6.81	115.82 8.48 -29.55	97.96 6.50 -28.92	69.60 4.90 -15.18	60.34 4.60 -6.83	49.86 4.12 0.00	43.93 3.81 0.00	38.69 2.73 0.00
RAVENSWOOD_GT_11 24259	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.76 2.41 0.00	35.75 2.77 0.00	38.34 3.00 0.00	41.70 3.89 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.18 4.53 0.00	56.65 5.20 0.00	74.78 7.20 -2.70	100.19 9.48 -6.81	115.82 8.48 -29.55	97.96 6.50 -28.92	69.60 4.90 -15.18	60.34 4.60 -6.83	49.86 4.12 0.00	43.93 3.81 0.00	38.69 2.73 0.00
RAVENSWOOD_GT_4 24252	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.93 1.83 0.00	30.52 2.08 0.00	33.76 2.41 0.00	35.71 2.74 0.00	38.31 2.97 -0.01	41.70 3.89 0.00	44.57 4.09 0.00	47.55 4.36 -0.01	53.37 4.57 -2.14	66.11 5.20 -9.45	76.52 7.20 -4.43	100.31 9.56 -6.85	121.21 8.56 -34.85	94.32 6.57 -25.22	69.65 4.95 -15.18	59.42 4.65 -5.86	49.85 4.12 0.01	43.92 3.81 0.01	38.69 2.73 0.00
RAVENSWOOD_GT_5 24254	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.93 1.83 0.00	30.52 2.08 0.00	33.76 2.41 0.00	35.71 2.74 0.00	38.31 2.97 -0.01	41.70 3.89 0.00	44.57 4.09 0.00	47.55 4.36 -0.01	53.37 4.57 -2.14	66.11 5.20 -9.45	76.52 7.20 -4.43	100.31 9.56 -6.85	121.21 8.56 -34.85	94.32 6.57 -25.22	69.65 4.95 -15.18	59.42 4.65 -5.86	49.85 4.12 0.01	43.92 3.81 0.01	38.69 2.73 0.00
RAVENSWOOD_GT_6 24253	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.93 1.83 0.00	30.52 2.08 0.00	33.76 2.41 0.00	35.71 2.74 0.00	38.31 2.97 -0.01	41.70 3.89 0.00	44.57 4.09 0.00	47.55 4.36 -0.01	53.37 4.57 -2.14	66.11 5.20 -9.45	76.52 7.20 -4.43	100.31 9.56 -6.85	121.21 8.56 -34.85	94.32 6.57 -25.22	69.65 4.95 -15.18	59.42 4.65 -5.86	49.85 4.12 0.01	43.92 3.81 0.01	38.69 2.73 0.00
RAVENSWOOD_GT_7 24255	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.93 1.83 0.00	30.52 2.08 0.00	33.76 2.41 0.00	35.71 2.74 0.00	38.31 2.97 -0.01	41.70 3.89 0.00	44.57 4.09 0.00	47.55 4.36 -0.01	53.37 4.57 -2.14	66.11 5.20 -9.45	76.52 7.20 -4.43	100.31 9.56 -6.85	121.21 8.56 -34.85	94.32 6.57 -25.22	69.65 4.95 -15.18	59.42 4.65 -5.86	49.85 4.12 0.01	43.92 3.81 0.01	38.69 2.73 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.76 2.41 0.00	35.75 2.77 0.00	38.34 3.00 0.00	41.70 3.89 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.18 4.53 0.00	56.65 5.20 0.00	74.78 7.20 -2.70	100.19 9.48 -6.81	115.82 8.48 -29.55	97.96 6.50 -28.92	69.60 4.90 -15.18	60.34 4.60 -6.83	49.86 4.12 0.00	43.93 3.81 0.00	38.69 2.73 0.00
RAVENSWOOD_GT_9 24257	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.76 2.41 0.00	35.75 2.77 0.00	38.34 3.00 0.00	41.70 3.89 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.18 4.53 0.00	56.65 5.20 0.00	74.78 7.20 -2.70	100.19 9.48 -6.81	115.82 8.48 -29.55	97.96 6.50 -28.92	69.60 4.90 -15.18	60.34 4.60 -6.83	49.86 4.12 0.00	43.93 3.81 0.00	38.69 2.73 0.00

RAVENSWOOD___1 23533	33.12 2.45 0.00	30.07 2.07 0.00	27.11 1.94 0.00	26.07 1.71 0.00	26.17 1.76 0.00	27.88 1.78 0.00	30.49 2.05 0.00	33.79 2.45 0.00	35.85 2.87 0.00	38.44 3.11 0.00	41.81 4.01 0.00	44.65 4.17 0.00	47.63 4.45 0.00	51.23 4.58 0.00	56.60 5.14 0.00	74.66 7.07 -2.70	100.10 9.39 -6.81	115.74 8.40 -29.54	86.51 6.38 -17.60	69.41 4.71 -15.18	58.41 4.40 -5.10	49.62 3.89 0.00	43.93 3.81 0.00	39.12 3.17 0.00
RAVENSWOOD___2 23534	33.03 2.36 0.00	30.02 2.02 0.00	27.06 1.89 0.00	26.00 1.63 0.00	26.12 1.71 0.00	27.83 1.72 0.00	30.43 1.99 0.00	33.73 2.38 0.00	35.78 2.80 0.00	38.34 3.00 0.00	41.73 3.93 0.00	44.57 4.09 0.00	47.54 4.36 0.00	50.95 4.29 0.00	56.19 4.73 0.00	74.13 6.55 -2.70	99.35 8.64 -6.81	115.04 7.70 -29.54	85.83 5.88 -17.42	69.06 4.36 -15.18	58.04 4.06 -5.07	49.44 3.70 0.00	43.85 3.73 0.00	39.05 3.09 0.00
RAVENSWOOD___3 23535	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.17 1.76 0.00	27.90 1.80 0.00	30.49 2.05 0.00	33.76 2.41 0.00	35.75 2.77 0.00	38.30 2.97 0.00	41.70 3.89 0.00	44.57 4.09 0.00	47.54 4.36 0.00	51.32 4.67 0.00	56.71 5.25 0.00	74.78 7.20 -2.70	100.19 9.48 -6.81	115.83 8.48 -29.55	97.96 6.50 -28.92	69.60 4.90 -15.18	60.30 4.55 -6.83	49.76 4.03 0.00	43.89 3.77 0.00	39.05 3.09 0.00
RAVENSWOOD___4 23820	33.09 2.42 0.00	30.07 2.07 0.00	27.08 1.91 0.00	26.05 1.68 0.00	26.17 1.76 0.00	27.85 1.75 0.00	30.46 2.02 0.00	33.76 2.41 0.00	35.81 2.84 0.00	38.40 3.07 0.01	41.77 3.97 0.00	44.61 4.13 0.00	47.58 4.41 0.01	48.47 4.58 2.77	44.37 5.14 12.23	72.42 7.07 -0.46	99.96 9.31 -6.75	108.80 8.33 -22.67	79.95 6.38 -11.04	69.35 4.65 -15.18	57.87 4.35 -4.61	49.59 3.84 -0.01	43.94 3.81 -0.01	39.12 3.17 0.00
RCPL_TRUST___DRP 24196	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.93 1.83 0.00	30.52 2.08 0.00	33.79 2.44 0.00	35.78 2.80 0.00	38.37 3.04 0.00	41.77 3.97 0.00	44.69 4.21 0.00	47.63 4.45 0.00	51.32 4.67 0.00	56.81 5.35 0.00	74.98 7.40 -2.70	100.44 9.73 -6.81	116.06 8.71 -29.55	98.08 6.63 -28.92	69.75 5.05 -15.18	60.49 4.74 -6.83	49.90 4.16 0.00	43.97 3.85 0.00	38.69 2.73 0.00
RED___ROCHESTER 323720	31.03 0.37 0.00	28.11 0.11 0.00	25.25 0.08 0.00	24.49 0.12 0.00	24.49 0.07 0.00	26.31 0.21 0.00	28.55 0.11 0.00	31.25 -0.09 0.00	32.81 -0.16 0.00	35.37 0.04 0.00	37.92 0.11 0.00	41.09 0.61 0.00	43.83 0.65 0.00	47.45 0.79 0.00	51.61 0.15 0.00	62.32 -0.19 2.37	79.69 -0.50 3.70	79.07 -0.39 -1.66	62.35 -0.19 0.00	49.28 -0.20 0.04	48.96 0.05 0.00	46.20 0.46 0.00	40.52 0.40 0.00	36.68 0.72 0.00
REGAN___SOLAR 323812	34.59 3.93 0.00	31.56 3.56 0.00	28.16 2.99 0.00	27.17 2.80 0.00	27.29 2.88 0.00	29.29 3.18 0.00	32.08 3.64 0.00	35.17 3.82 0.00	36.74 3.76 0.00	38.90 3.57 0.00	41.89 4.08 0.00	45.06 4.57 0.00	48.23 5.05 0.00	52.11 5.46 0.00	57.89 6.43 0.00	77.45 8.24 -4.33	105.78 11.25 -10.64	155.03 12.06 -65.18	214.34 10.38 -141.43	118.47 8.12 -60.83	86.46 8.32 -29.23	53.38 7.64 0.00	45.89 5.78 0.00	40.74 4.78 0.00
RENSSELAER___COGEN 23796	31.31 0.64 0.00	28.61 0.62 0.00	25.75 0.58 0.00	24.90 0.54 0.00	24.98 0.56 0.00	26.62 0.52 0.00	29.01 0.57 0.00	31.97 0.63 0.00	33.70 0.72 0.00	36.00 0.67 0.00	38.86 1.06 0.00	41.62 1.13 0.00	44.39 1.21 0.00	48.01 1.35 0.00	53.10 1.65 0.00	22.58 2.21 44.51	8.33 3.02 78.58	-0.01 2.80 80.60	4.20 2.13 60.46	62.70 1.63 -11.55	69.63 1.61 -19.10	47.16 1.42 0.00	41.48 1.36 0.00	36.82 0.86 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.54 4.88 0.00	32.56 4.56 0.00	29.07 3.90 0.00	28.00 3.63 0.00	28.08 3.66 0.00	30.10 3.99 0.00	32.34 3.90 0.00	35.64 4.29 0.00	37.23 4.25 0.00	39.54 4.20 0.00	42.38 4.57 0.00	45.67 5.18 0.00	48.75 5.57 0.00	52.82 6.16 0.00	58.71 7.26 0.00	86.35 9.08 -12.38	121.42 12.50 -25.02	176.36 12.84 -85.73	242.44 11.13 -168.78	125.34 8.71 -67.12	87.92 8.95 -30.05	54.06 8.32 0.00	46.25 6.14 0.00	40.78 4.82 0.00
REVERE_CPPR_DRP 24186	31.68 1.01 0.00	28.90 0.90 0.00	25.93 0.76 0.00	25.12 0.76 0.00	25.20 0.78 0.00	27.15 1.04 0.00	29.63 1.19 0.00	32.63 1.29 0.00	34.26 1.29 0.00	36.84 1.41 -0.09	39.35 1.55 0.00	42.18 1.70 0.00	45.17 1.99 0.00	49.08 2.43 0.00	53.99 2.57 0.04	67.03 2.92 0.77	86.63 3.52 0.79	81.75 3.66 -0.30	65.60 3.25 0.18	52.08 2.57 0.01	51.55 2.64 0.00	48.32 2.52 -0.07	42.06 1.93 -0.02	37.51 1.55 0.00
REYNOLDS_115KV_TB3 80639	31.65 0.98 0.00	28.92 0.92 0.00	26.03 0.86 0.00	25.17 0.80 0.00	25.22 0.81 0.00	26.94 0.84 0.00	29.29 0.85 0.00	32.32 0.97 0.00	34.07 1.09 0.00	36.43 1.10 0.00	39.31 1.51 0.00	42.10 1.62 0.00	44.95 1.77 0.00	48.57 1.91 0.00	53.72 2.26 0.00	100.52 3.05 -32.59	149.65 4.03 -61.72	210.95 3.73 -129.42	250.67 2.94 -185.20	111.97 2.23 -60.23	71.71 2.20 -20.59	47.71 1.97 0.00	41.84 1.72 0.00	36.93 0.97 0.00
RIVERBAY____ 323610	33.49 2.82 0.00	30.38 2.38 0.00	27.41 2.24 0.00	26.27 1.90 0.00	26.37 1.95 0.00	28.09 1.98 0.00	30.66 2.22 0.00	33.98 2.63 0.00	36.01 3.03 0.00	38.69 3.36 0.00	42.04 4.23 0.00	44.90 4.41 0.00	47.84 4.66 0.00	51.42 4.76 0.00	56.81 5.35 0.00	75.30 7.72 -2.70	100.94 10.24 -6.81	116.75 9.41 -29.54	98.76 7.32 -28.91	69.95 5.25 -15.18	60.83 5.09 -6.83	50.08 4.35 0.00	44.37 4.25 0.00	38.98 3.02 0.00
RIVERSIDE_115KV_TB3 55908	31.52 0.86 0.00	28.81 0.81 0.00	25.93 0.76 0.00	25.10 0.73 0.00	25.12 0.71 0.00	26.81 0.70 0.00	29.21 0.77 0.00	32.16 0.81 0.00	33.90 0.92 0.00	36.25 0.92 0.00	39.09 1.29 0.00	41.90 1.42 0.00	44.73 1.55 0.00	48.29 1.63 0.00	53.46 2.01 0.00	69.79 2.73 -2.18	93.89 3.61 -6.39	128.86 3.35 -47.72	158.03 2.56 -92.94	94.44 1.98 -42.94	71.68 1.96 -20.81	47.48 1.74 0.00	41.68 1.56 0.00	36.78 0.83 0.00
ROARING___BROOK_WT_PWR 323790	30.14 -0.52 0.00	27.61 -0.39 0.00	24.87 -0.30 0.00	24.10 -0.27 0.00	24.15 -0.27 0.00	25.48 -0.63 0.00	27.79 -0.65 0.00	30.72 -0.63 0.00	32.35 -0.63 0.00	34.70 -0.63 0.00	36.86 -0.94 0.00	39.23 -1.26 0.00	41.71 -1.47 0.00	44.84 -1.82 0.00	46.83 -2.11 0.00	38.15 -2.60 2.52	28.70 -3.36 24.14	32.37 -2.88 51.84	48.91 -2.31 42.55	47.83 -1.68 11.31	47.35 -1.57 0.00	44.37 -1.37 0.00	38.95 -1.16 0.00	35.20 -0.76 0.00
ROCHESRG_115KV_T4 355643	30.67 0.00 0.00	27.80 -0.20 0.00	24.97 -0.20 0.00	24.25 -0.12 0.00	24.24 -0.17 0.00	26.05 -0.05 0.00	28.24 -0.20 0.00	30.84 -0.50 0.00	32.42 -0.56 0.00	34.77 -0.57 0.00	37.31 -0.49 0.00	40.48 0.00 0.00	43.09 -0.09 0.00	46.84 0.19 0.00	50.89 -0.57 0.00	61.19 -1.30 2.40	78.28 3.77 -1.65	77.81 -1.63 0.00	61.35 -1.19 0.04	48.54 -0.94 0.00	48.18 -0.73 0.00	45.46 -0.27 0.00	39.91 -0.20 0.00	36.14 0.18 0.00

ROCHESTER_9_IC 23652	30.88 0.21 0.00	27.97 -0.03 0.00	25.12 -0.05 0.00	24.37 0.00 0.00	24.37 -0.05 0.00	26.18 0.08 0.00	28.41 -0.03 0.00	31.06 -0.28 0.00	32.65 -0.33 0.00	35.05 -0.28 0.00	37.58 -0.23 0.00	40.81 0.32 0.00	43.48 0.30 0.00	47.26 0.61 0.00	51.35 -0.10 0.00	61.80 -0.71 2.37	79.10 -1.09 3.71	78.44 -1.01 -1.66	61.91 -0.63 0.00	48.93 -0.54 0.04	48.62 -0.29 0.00	45.88 0.14 0.00	40.20 0.08 0.00	36.39 0.43 0.00
ROCKVIEW_13_KV_LD 356306	33.00 2.33 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.12 1.71 0.00	27.93 1.83 0.00	30.49 2.05 0.00	33.73 2.38 0.00	35.65 2.67 0.00	38.23 2.90 0.00	41.58 3.78 0.00	44.49 4.01 0.00	47.54 4.36 0.00	51.23 4.57 0.00	56.70 5.25 0.00	74.85 7.27 -2.70	100.36 9.65 -6.82	115.98 8.64 -29.55	98.15 6.69 -28.92	69.80 5.10 -15.19	60.54 4.79 -6.83	49.95 4.21 0.00	43.89 3.77 0.00	38.65 2.70 0.00
ROME____115KV_TB2 80656	31.68 1.01 0.00	28.90 0.90 0.00	25.93 0.76 0.00	25.12 0.76 0.00	25.20 0.78 0.00	27.15 1.04 0.00	29.63 1.19 0.00	32.63 1.29 0.00	34.26 1.29 0.00	36.84 1.41 -0.09	39.35 1.55 0.00	42.18 1.70 0.00	45.17 1.99 0.00	49.08 2.43 0.00	53.99 2.57 0.04	67.03 2.92 0.77	86.63 3.52 0.79	81.75 3.66 -0.30	65.60 3.25 0.18	52.08 2.57 0.01	51.55 2.64 0.00	48.32 2.52 -0.07	42.06 1.93 -0.02	37.51 1.55 0.00
ROSETON____1 23587	32.41 1.75 0.00	29.54 1.54 0.00	26.58 1.41 0.00	25.66 1.29 0.00	25.73 1.32 0.00	27.46 1.36 0.00	29.95 1.51 0.00	33.04 1.69 0.00	34.92 1.95 0.00	37.38 2.05 0.00	40.56 2.76 0.00	43.36 2.87 0.00	46.33 3.15 0.00	50.02 3.36 0.00	55.32 3.86 0.00	72.53 5.25 -2.39	97.11 6.96 -6.25	112.66 6.23 -28.64	94.99 4.82 -27.64	68.10 3.72 -14.87	59.10 3.42 -6.77	48.76 3.02 0.00	42.80 2.69 0.00	38.08 2.12 0.00
ROSETON____2 23588	32.41 1.75 0.00	29.54 1.54 0.00	26.58 1.41 0.00	25.66 1.29 0.00	25.73 1.32 0.00	27.46 1.36 0.00	29.95 1.51 0.00	33.04 1.69 0.00	34.92 1.95 0.00	37.38 2.05 0.00	40.56 2.76 0.00	43.36 2.87 0.00	46.33 3.15 0.00	50.02 3.36 0.00	55.32 3.86 0.00	72.53 5.25 -2.39	97.11 6.96 -6.25	112.66 6.23 -28.64	94.99 4.82 -27.64	68.10 3.72 -14.87	59.10 3.42 -6.77	48.76 3.02 0.00	42.80 2.69 0.00	38.08 2.12 0.00
ROTTDAM_115KV_TB3 80664	31.89 1.23 0.00	29.12 1.12 0.00	26.15 0.98 0.00	25.29 0.93 0.00	25.34 0.93 0.00	27.09 0.99 0.00	29.46 1.02 0.00	32.44 1.10 0.00	34.10 1.12 0.00	36.46 1.13 0.00	39.24 1.44 0.00	42.02 1.54 0.00	44.91 1.73 0.00	48.52 1.87 0.00	53.62 2.16 0.00	72.68 2.85 -4.94	99.28 3.86 -11.52	150.88 3.73 -69.35	226.54 3.13 -160.88	120.89 2.48 -68.90	84.51 2.45 -33.15	48.03 2.29 0.00	41.96 1.85 0.00	37.22 1.26 0.00
RUSSELL____1 23602	31.03 0.37 0.00	28.11 0.11 0.00	25.25 0.08 0.00	24.49 0.12 0.00	24.46 0.05 0.00	26.31 0.21 0.00	28.55 0.11 0.00	31.25 -0.09 0.00	32.81 -0.16 0.00	35.26 -0.07 0.00	37.84 0.04 0.00	41.09 0.61 0.00	43.83 0.65 0.00	47.64 0.98 0.00	51.76 0.31 0.00	62.32 -0.19 2.37	79.69 -0.50 3.70	79.06 -0.39 -1.66	62.35 -0.19 0.00	49.33 -0.15 0.04	48.96 0.05 0.00	46.20 0.46 0.00	40.48 0.36 0.00	36.60 0.65 0.00
RUSSELL____2 23532	31.03 0.37 0.00	28.11 0.11 0.00	25.25 0.08 0.00	24.49 0.12 0.00	24.46 0.05 0.00	26.31 0.21 0.00	28.55 0.11 0.00	31.25 -0.09 0.00	32.81 -0.16 0.00	35.26 -0.07 0.00	37.84 0.04 0.00	41.09 0.61 0.00	43.83 0.65 0.00	47.64 0.98 0.00	51.76 0.31 0.00	62.32 -0.19 2.37	79.69 -0.50 3.70	79.06 -0.39 -1.66	62.35 -0.19 0.00	49.33 -0.15 0.04	48.96 0.05 0.00	46.20 0.46 0.00	40.48 0.36 0.00	36.60 0.65 0.00
RUSSELL____3 23549	31.03 0.37 0.00	28.11 0.11 0.00	25.25 0.08 0.00	24.49 0.12 0.00	24.46 0.05 0.00	26.31 0.21 0.00	28.55 0.11 0.00	31.25 -0.09 0.00	32.81 -0.16 0.00	35.26 -0.07 0.00	37.84 0.04 0.00	41.09 0.61 0.00	43.83 0.65 0.00	47.64 0.98 0.00	51.76 0.31 0.00	62.32 -0.19 2.37	79.69 -0.50 3.70	79.06 -0.39 -1.66	62.35 -0.19 0.00	49.33 -0.15 0.04	48.96 0.05 0.00	46.20 0.46 0.00	40.48 0.36 0.00	36.60 0.65 0.00
RUSSELL____4 23556	31.03 0.37 0.00	28.11 0.11 0.00	25.25 0.08 0.00	24.49 0.12 0.00	24.46 0.05 0.00	26.31 0.21 0.00	28.55 0.11 0.00	31.25 -0.09 0.00	32.81 -0.16 0.00	35.26 -0.07 0.00	37.84 0.04 0.00	41.09 0.61 0.00	43.83 0.65 0.00	47.64 0.98 0.00	51.76 0.31 0.00	62.32 -0.19 2.37	79.69 -0.50 3.70	79.06 -0.39 -1.66	62.35 -0.19 0.00	49.33 -0.15 0.04	48.96 0.05 0.00	46.20 0.46 0.00	40.48 0.36 0.00	36.60 0.65 0.00
RUSSELL____STATION 23914	31.03 0.37 0.00	28.11 0.11 0.00	25.25 0.08 0.00	24.49 0.12 0.00	24.46 0.05 0.00	26.31 0.21 0.00	28.55 0.11 0.00	31.25 -0.09 0.00	32.81 -0.16 0.00	35.26 -0.07 0.00	37.84 0.04 0.00	41.09 0.61 0.00	43.83 0.65 0.00	47.64 0.98 0.00	51.76 0.31 0.00	62.32 -0.19 2.37	79.69 -0.50 3.70	79.06 -0.39 -1.66	62.35 -0.19 0.00	49.33 -0.15 0.04	48.96 0.05 0.00	46.20 0.46 0.00	40.48 0.36 0.00	36.60 0.65 0.00
S SALMON____HYD 24043	30.42 -0.25 0.00	27.75 -0.25 0.00	24.89 -0.28 0.00	24.15 -0.22 0.00	24.19 -0.22 0.00	25.97 -0.13 0.00	28.35 -0.09 0.00	31.25 -0.09 0.00	32.78 -0.20 0.00	35.59 -0.18 -0.44	37.65 -0.15 0.00	40.40 -0.08 0.00	43.01 -0.17 0.00	46.52 -0.14 0.00	51.09 -0.26 0.11	64.03 -0.65 0.20	84.62 -1.26 -1.98	77.49 -0.93 -0.63	61.57 -0.43 0.53	49.28 -0.25 -0.01	48.77 -0.15 0.00	46.15 0.09 -0.32	40.29 0.08 -0.09	36.00 0.04 -0.01
S.PERRY__115KV_TB1 80734	32.01 1.35 0.00	28.98 0.98 0.00	26.00 0.83 0.00	25.20 0.83 0.00	25.20 0.78 0.00	27.15 1.04 0.00	29.52 1.08 0.00	32.16 0.81 0.00	33.41 0.43 0.00	35.65 0.32 0.00	38.03 0.23 0.00	41.25 0.77 0.00	43.83 0.65 0.00	46.14 -0.51 0.00	50.37 -1.08 0.00	60.73 -2.21 1.95	78.50 -2.68 2.72	79.30 -2.10 -3.60	64.40 -0.56 -2.43	51.58 -0.20 -2.26	50.36 0.29 -1.16	46.56 0.82 0.00	42.04 1.93 0.00	37.90 1.94 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.67 0.00 0.00	27.69 -0.31 0.00	24.92 -0.25 0.00	24.20 -0.17 0.00	24.15 -0.27 0.00	26.00 -0.10 0.00	28.07 -0.37 0.00	30.31 -1.03 0.00	31.82 -1.15 0.00	34.13 -1.20 0.00	36.67 -1.13 0.00	40.00 -0.49 0.00	42.36 -0.82 0.00	46.10 -0.56 0.00	49.60 -1.85 0.00	58.37 -4.02 2.50	75.46 -5.29 3.15	76.23 -4.90 -3.34	61.58 -3.19 -2.23	48.97 -2.62 -2.07	47.92 -2.05 -1.06	44.64 -1.10 0.00	39.39 -0.72 0.00	36.07 0.11 0.00
SAWYER____23_KV_LOAD 55526	30.67 0.00 0.00	27.69 -0.31 0.00	24.92 -0.25 0.00	24.20 -0.17 0.00	24.15 -0.27 0.00	26.00 -0.10 0.00	28.07 -0.37 0.00	30.31 -1.03 0.00	31.82 -1.15 0.00	34.13 -1.20 0.00	36.67 -1.13 0.00	40.00 -0.49 0.00	42.36 -0.82 0.00	46.10 -0.56 0.00	49.60 -1.85 0.00	58.37 -4.02 2.50	75.46 -5.29 3.15	76.23 -4.90 -3.34	61.58 -3.19 -2.23	48.97 -2.62 -2.07	47.92 -2.05 -1.06	44.64 -1.10 0.00	39.39 -0.72 0.00	36.07 0.11 0.00

SELKIRK___I 23801	31.49 0.83 0.00	28.81 0.81 0.00	25.90 0.73 0.00	25.05 0.68 0.00	25.10 0.68 0.00	26.78 0.68 0.00	29.18 0.74 0.00	32.10 0.75 0.00	33.77 0.79 0.00	36.00 0.67 0.00	38.75 0.95 0.00	41.50 1.01 0.00	43.44 0.26 0.00	46.94 0.28 0.00	51.92 0.46 0.00	43.12 0.78 22.54	46.42 1.17 38.65	53.54 1.24 25.50	53.49 1.00 10.04	67.68 0.79 -17.38	65.21 0.83 -15.47	46.47 0.73 0.00	41.76 1.65 0.00	37.14 1.18 0.00
SELKIRK___II 23799	31.22 0.55 0.00	28.50 0.50 0.00	25.65 0.48 0.00	24.81 0.44 0.00	24.88 0.46 0.00	26.52 0.42 0.00	28.89 0.45 0.00	31.84 0.50 0.00	33.57 0.59 0.00	35.86 0.53 0.00	38.71 0.91 0.00	41.45 0.97 0.00	44.09 0.91 0.00	47.68 1.03 0.00	52.69 1.23 0.00	40.37 1.75 26.27	40.85 2.35 45.40	45.59 2.18 34.38	46.68 1.69 17.54	67.68 1.29 -16.88	66.46 1.22 -16.33	46.79 1.05 0.00	41.56 1.44 0.00	36.93 0.97 0.00
SENECA OSWGO___HYD 24041	30.36 -0.31 0.00	27.66 -0.33 0.00	24.84 -0.33 0.00	24.08 -0.29 0.00	24.12 -0.29 0.00	25.82 -0.29 0.00	28.13 -0.31 0.00	31.03 -0.31 0.00	32.58 -0.39 0.00	35.56 -0.39 -0.61	37.46 -0.34 0.00	40.28 -0.20 0.00	42.88 -0.30 0.00	46.43 -0.23 0.00	51.15 -0.31 0.00	66.02 -0.59 -1.72	89.91 -0.76 -6.77	80.31 -0.70 -3.21	62.16 -0.37 0.00	49.20 -0.34 -0.03	48.62 -0.29 0.00	45.96 -0.23 -0.45	40.04 -0.20 -0.13	35.75 -0.21 -0.01
SENECA___115KV_TB3 355854	31.00 0.34 0.00	28.03 0.03 0.00	25.20 0.03 0.00	24.49 0.12 0.00	24.39 -0.02 0.00	26.29 0.18 0.00	28.41 -0.03 0.00	30.78 -0.56 0.00	32.35 -0.63 0.00	34.70 -0.64 0.00	37.31 -0.49 0.00	40.69 0.20 0.00	43.09 -0.09 0.00	46.89 0.23 0.00	50.53 -0.93 0.00	59.26 -3.24 2.38	76.61 -4.28 3.00	77.25 -4.05 -3.50	62.76 -2.13 -2.35	49.77 -1.93 -2.19	48.71 -1.32 -1.12	45.37 -0.37 0.00	39.99 -0.12 0.00	36.53 0.58 0.00
SENECA___ENERGY 23797	30.85 0.19 0.00	28.03 0.03 0.00	25.17 0.00 0.00	24.37 0.00 0.00	24.42 0.00 0.00	26.21 0.10 0.00	28.58 0.14 0.00	31.47 0.13 0.00	33.04 0.07 0.00	35.72 0.14 -0.24	37.92 0.11 0.00	40.93 0.45 0.00	43.61 0.43 0.00	47.22 0.56 0.00	51.77 0.31 0.00	64.34 0.06 0.61	84.74 0.08 -0.76	80.53 0.16 -2.58	63.03 0.50 0.00	49.80 0.30 0.01	49.26 0.34 0.00	46.42 0.50 -0.18	40.57 0.40 -0.05	36.46 0.50 0.00
SHOEMAKER___GT 23640	32.23 1.56 0.00	29.37 1.37 0.00	26.43 1.26 0.00	25.54 1.17 0.00	25.61 1.20 0.00	27.33 1.23 0.00	29.78 1.34 0.00	32.82 1.47 0.00	34.63 1.65 0.00	37.10 1.77 0.00	40.22 2.42 0.00	43.04 2.55 0.00	45.98 2.81 0.00	49.69 3.03 0.00	54.90 3.45 0.00	71.62 4.67 -2.06	95.54 6.21 -5.44	108.70 5.60 -25.30	91.49 4.38 -24.58	66.19 3.41 -13.26	58.15 3.18 -6.06	48.53 2.79 0.00	42.56 2.45 0.00	37.86 1.90 0.00
SHOEMAKR_138KV_BK 111 55601	32.23 1.56 0.00	29.37 1.37 0.00	26.43 1.26 0.00	25.51 1.15 0.00	25.59 1.17 0.00	27.33 1.23 0.00	29.78 1.34 0.00	32.82 1.47 0.00	34.63 1.65 0.00	37.14 1.80 0.00	40.22 2.42 0.00	43.07 2.59 0.00	46.03 2.85 0.00	49.60 2.94 0.00	54.90 3.45 0.00	71.58 4.67 -2.02	95.46 6.21 -5.36	108.50 5.68 -25.03	91.21 4.38 -24.30	66.01 3.37 -13.13	58.09 3.18 -6.00	48.57 2.84 0.00	42.60 2.49 0.00	37.61 1.65 0.00
SHOREHAM_IC_1 23715	36.35 2.58 -3.11	35.21 2.16 -5.05	32.51 2.14 -5.20	27.70 2.02 -1.31	26.94 2.07 -0.45	28.14 2.04 0.00	30.77 2.33 0.00	35.55 2.48 -1.73	36.77 2.90 -0.89	37.84 2.51 0.00	41.66 3.86 0.00	47.97 4.45 -3.03	51.61 4.88 -3.55	58.67 5.36 -6.65	67.42 6.12 -9.84	100.13 8.50 -26.75	138.64 11.07 -43.68	167.76 10.11 -79.85	138.11 7.94 -67.63	82.92 6.04 -27.37	61.17 5.43 -6.83	55.21 4.71 -4.76	43.73 3.61 0.00	39.72 3.20 -0.57
SHOREHAM_IC_2 23716	36.35 2.58 -3.11	35.21 2.16 -5.05	32.51 2.14 -5.20	27.70 2.02 -1.31	26.94 2.07 -0.45	28.14 2.04 0.00	30.77 2.33 0.00	35.55 2.48 -1.73	36.77 2.90 -0.89	37.84 2.51 0.00	41.66 3.86 0.00	47.97 4.45 -3.03	51.61 4.88 -3.55	58.67 5.36 -6.65	67.42 6.12 -9.84	100.13 8.50 -26.75	138.64 11.07 -43.68	167.76 10.11 -79.85	138.11 7.94 -67.63	82.92 6.04 -27.37	61.17 5.43 -6.83	55.21 4.71 -4.76	43.73 3.61 0.00	39.72 3.20 -0.57
SISSONVILLE____ 23735	29.56 -1.10 0.00	27.19 -0.81 0.00	24.39 -0.78 0.00	23.69 -0.68 0.00	23.71 -0.71 0.00	25.42 -0.68 0.00	27.81 -0.63 0.00	30.59 -0.75 0.00	32.09 -0.89 0.00	34.44 -0.95 -0.06	36.40 -1.40 0.00	38.14 -2.35 0.00	40.37 -2.81 0.00	43.58 -3.08 0.00	46.79 -3.45 1.21	48.98 -4.28 11.63	53.41 -5.87 24.61	52.13 -5.37 20.29	52.87 -4.19 5.48	46.54 -2.97 0.00	45.93 -2.98 0.00	43.04 -2.74 -0.04	37.84 -2.29 -0.01	35.35 -0.61 0.00
SITHE_IND_GS1 24169	29.87 -0.80 0.00	27.25 -0.75 0.00	24.47 -0.70 0.00	23.73 -0.63 0.00	23.76 -0.66 0.00	25.42 -0.68 0.00	27.67 -0.77 0.00	30.50 -0.84 0.00	32.02 -0.96 0.00	32.57 -0.99 1.78	36.82 -0.98 0.00	39.55 -0.93 0.00	42.14 -1.04 0.00	45.63 -1.03 0.00	50.22 -1.24 0.00	46.96 -1.69 16.24	44.24 -2.26 37.40	70.32 -2.10 5.38	60.97 -1.56 0.00	47.98 -1.29 0.25	47.69 -1.22 0.00	43.33 -1.10 1.31	38.78 -0.96 0.37	35.06 -0.86 0.03
SITHE_IND_GS2 24170	29.87 -0.80 0.00	27.25 -0.75 0.00	24.47 -0.70 0.00	23.73 -0.63 0.00	23.76 -0.66 0.00	25.42 -0.68 0.00	27.67 -0.77 0.00	30.50 -0.84 0.00	32.02 -0.96 0.00	32.57 -0.99 1.78	36.82 -0.98 0.00	39.55 -0.93 0.00	42.14 -1.04 0.00	45.63 -1.03 0.00	50.22 -1.24 0.00	46.96 -1.69 16.24	44.24 -2.26 37.40	70.32 -2.10 5.38	60.97 -1.56 0.00	47.98 -1.29 0.25	47.69 -1.22 0.00	43.33 -1.10 1.31	38.78 -0.96 0.37	35.06 -0.86 0.03
SITHE_IND_GS3 24171	29.87 -0.80 0.00	27.25 -0.75 0.00	24.47 -0.70 0.00	23.73 -0.63 0.00	23.76 -0.66 0.00	25.42 -0.68 0.00	27.67 -0.77 0.00	30.50 -0.84 0.00	32.02 -0.96 0.00	32.57 -0.99 1.78	36.82 -0.98 0.00	39.55 -0.93 0.00	42.14 -1.04 0.00	45.63 -1.03 0.00	50.22 -1.24 0.00	46.96 -1.69 16.24	44.24 -2.26 37.40	70.32 -2.10 5.38	60.97 -1.56 0.00	47.98 -1.29 0.25	47.69 -1.22 0.00	43.33 -1.10 1.31	38.78 -0.96 0.37	35.06 -0.86 0.03
SITHE_IND_GS4 24172	29.87 -0.80 0.00	27.25 -0.75 0.00	24.47 -0.70 0.00	23.73 -0.63 0.00	23.76 -0.66 0.00	25.42 -0.68 0.00	27.67 -0.77 0.00	30.50 -0.84 0.00	32.02 -0.96 0.00	32.57 -0.99 1.78	36.82 -0.98 0.00	39.55 -0.93 0.00	42.14 -1.04 0.00	45.63 -1.03 0.00	50.22 -1.24 0.00	46.96 -1.69 16.24	44.24 -2.26 37.40	70.32 -2.10 5.38	60.97 -1.56 0.00	47.98 -1.29 0.25	47.69 -1.22 0.00	43.33 -1.10 1.31	38.78 -0.96 0.37	35.06 -0.86 0.03
SITHE___BATAVIA 24024	31.34 0.67 0.00	28.31 0.31 0.00	25.45 0.28 0.00	24.73 0.37 0.00	24.68 0.27 0.00	26.60 0.49 0.00	28.78 0.34 0.00	31.31 -0.03 0.00	32.85 -0.13 0.00	35.33 0.00 0.00	37.76 -0.04 0.00	40.93 0.45 0.00	43.52 0.34 0.00	47.17 0.51 0.00	50.89 -0.56 0.00	60.83 -1.62 2.43	78.14 -2.35 3.40	77.62 -2.10 -1.93	61.53 -1.00 0.00	48.74 -0.74 0.03	48.52 -0.39 0.00	46.15 0.41 0.00	40.52 0.40 0.00	36.93 0.97 0.00

SITHE___INDEPEND 23800	29.87 -0.80 0.00	27.24 -0.76 0.00	24.47 -0.70 0.00	23.73 -0.63 0.00	23.78 -0.63 0.00	25.42 -0.68 0.00	27.67 -0.77 0.00	30.50 -0.85 0.00	32.02 -0.96 0.00	32.53 -1.02 1.78	36.78 -1.02 0.00	39.55 -0.93 0.00	42.14 -1.04 0.00	45.68 -0.98 0.00	50.22 -1.23 0.00	46.96 -1.69 16.24	44.23 -2.27 37.40	70.32 -2.10 5.38	60.97 -1.56 0.00	47.98 -1.29 0.25	47.69 -1.22 0.00	43.33 -1.10 1.31	38.78 -0.96 0.37	34.99 -0.93 0.03
SITHE___MASSENA 23902	30.11 -0.55 0.00	27.63 -0.36 0.00	24.82 -0.35 0.00	24.08 -0.29 0.00	24.10 -0.32 0.00	25.76 -0.34 0.00	28.13 -0.31 0.00	31.06 -0.28 0.00	32.58 -0.39 0.00	34.91 -0.42 0.00	36.82 -0.98 0.00	38.94 -1.54 0.00	41.45 -1.73 0.00	44.65 -2.00 0.00	47.75 -2.11 1.59	47.09 -2.53 15.26	47.77 -3.36 32.77	47.79 -3.11 26.89	52.68 -2.81 7.05	47.48 -2.03 0.00	46.90 -2.01 0.00	43.95 -1.78 0.00	38.51 -1.61 0.00	35.31 -0.65 0.00
SITHE___OGDNSBRG 24021	30.24 -0.43 0.00	27.78 -0.22 0.00	24.92 -0.25 0.00	24.20 -0.17 0.00	24.22 -0.20 0.00	25.95 -0.16 0.00	28.38 -0.06 0.00	31.22 -0.13 0.00	32.65 -0.33 0.00	34.98 -0.35 0.00	36.93 -0.87 0.00	38.70 -1.78 0.00	41.15 -2.03 0.00	44.42 -2.24 0.00	47.63 -2.47 1.36	48.86 -2.98 13.04	51.79 -4.11 28.00	51.08 -3.73 22.98	53.70 -2.69 6.14	47.78 -1.73 0.00	47.20 -1.71 0.00	44.14 -1.60 0.00	38.67 -1.44 0.00	35.96 0.00 0.00
SITHE___STERLING 23777	31.52 0.86 0.00	28.76 0.76 0.00	25.80 0.63 0.00	25.00 0.63 0.00	25.05 0.63 0.00	26.94 0.84 0.00	29.41 0.97 0.00	32.38 1.03 0.00	34.00 1.02 0.00	36.56 1.13 -0.10	39.09 1.29 0.00	41.94 1.46 0.00	44.86 1.68 0.00	48.66 2.00 0.00	53.57 2.11 0.00	66.85 2.46 0.50	86.84 3.02 0.08	82.03 3.12 -1.12	65.28 2.75 0.00	51.63 2.13 0.01	51.12 2.20 0.00	47.87 2.06 -0.07	41.74 1.61 -0.02	37.29 1.33 0.00
SLEIGHT___34_KV_TB1 80719	30.70 0.03 0.00	27.86 -0.14 0.00	25.02 -0.15 0.00	24.25 -0.12 0.00	24.27 -0.15 0.00	26.08 -0.03 0.00	28.38 -0.06 0.00	31.22 -0.13 0.00	32.75 -0.23 0.00	35.22 -0.18 -0.07	37.73 -0.08 0.00	40.85 0.36 0.00	43.57 0.39 0.00	47.36 0.70 0.00	51.71 0.26 0.00	62.99 -0.06 1.83	81.16 -0.34 2.40	79.41 -0.23 -1.85	62.53 0.00 0.00	49.34 -0.15 0.03	48.91 0.00 0.00	46.06 0.27 -0.05	40.25 0.12 -0.01	36.21 0.25 0.00
SOUTH CAIRO___GT 23612	32.35 1.69 0.00	29.51 1.51 0.00	26.53 1.36 0.00	25.76 1.39 0.00	25.78 1.37 0.00	27.49 1.38 0.00	29.92 1.48 0.00	32.72 1.38 0.00	34.43 1.45 0.00	36.68 1.34 0.00	39.50 1.70 0.00	42.43 1.94 0.00	45.21 2.03 0.00	48.90 2.24 0.00	54.28 2.83 0.00	46.02 4.28 23.15	49.91 5.87 39.86	54.87 6.07 28.99	51.71 5.13 15.95	68.33 3.71 -15.10	66.99 3.57 -14.51	49.03 3.29 0.00	43.16 3.05 0.00	38.04 2.09 0.00
SOUTH HAMPTN___IC 23720	36.81 3.04 -3.11	35.63 2.57 -5.05	32.87 2.49 -5.20	28.07 2.39 -1.31	27.33 2.46 -0.45	28.61 2.51 0.00	31.28 2.84 0.00	36.18 3.10 -1.73	37.56 3.69 -0.89	38.73 3.39 0.00	42.75 4.95 0.00	49.30 5.79 -3.03	52.94 6.26 -3.50	60.03 6.81 -6.56	68.83 7.67 -9.71	101.93 10.45 -26.59	140.96 13.68 -43.38	169.79 12.37 -79.62	139.82 9.75 -67.53	83.98 7.18 -27.29	62.15 6.41 -6.83	56.12 5.62 -4.76	44.45 4.33 0.00	40.30 3.77 -0.57
SOUTHDOW___115KV_TB1 355954	31.89 1.23 0.00	28.76 0.76 0.00	25.70 0.53 0.00	24.95 0.58 0.00	24.85 0.44 0.00	26.91 0.81 0.00	29.12 0.68 0.00	31.82 0.47 0.00	33.57 0.59 0.00	36.15 0.81 0.00	38.97 1.17 0.00	42.59 2.11 0.00	44.82 1.64 0.00	48.62 1.96 0.00	52.43 0.98 0.00	61.39 -1.30 2.20	79.31 -1.85 2.74	79.81 -1.79 -3.81	65.23 0.13 -2.57	51.71 -0.20 -2.40	50.62 0.49 -1.22	47.25 1.51 0.00	41.68 1.56 0.00	37.79 1.83 0.00
SOUTHOLD_69_KV_BK 2 55809	37.00 3.22 -3.11	35.85 2.80 -5.05	33.09 2.72 -5.20	28.34 2.66 -1.31	27.63 2.76 -0.45	29.00 2.90 0.00	31.80 3.36 0.00	36.74 3.67 -1.73	38.29 4.42 -0.89	39.75 4.42 0.00	43.77 5.97 0.00	50.56 7.04 -3.03	54.28 7.60 -3.50	61.20 7.98 -6.57	69.97 8.80 -9.71	103.81 12.33 -26.60	143.65 16.36 -43.40	172.36 14.94 -79.63	141.64 11.57 -67.54	84.88 8.07 -27.29	63.03 7.29 -6.83	56.94 6.45 -4.76	44.89 4.77 0.00	40.34 3.81 -0.57
SOUTHOLD___IC 23719	37.06 3.28 -3.11	35.85 2.80 -5.05	33.09 2.72 -5.20	28.34 2.66 -1.31	27.65 2.78 -0.45	29.00 2.90 0.00	31.79 3.35 0.00	36.74 3.67 -1.73	38.29 4.42 -0.89	39.57 4.24 0.00	43.81 6.01 0.00	50.56 7.04 -3.03	54.24 7.55 -3.50	61.39 8.16 -6.57	70.28 9.11 -9.71	103.82 12.33 -26.60	143.49 16.19 -43.40	172.05 14.62 -79.63	141.64 11.57 -67.54	84.97 8.17 -27.29	62.98 7.24 -6.83	56.85 6.36 -4.76	44.89 4.77 0.00	40.69 4.17 -0.57
SOUTH_FORK_WT_PWR 323839	36.78 3.01 -3.11	35.63 2.57 -5.05	32.92 2.54 -5.20	28.19 2.51 -1.31	27.53 2.66 -0.45	28.92 2.82 0.00	31.74 3.30 0.00	36.68 3.60 -1.73	38.26 4.39 -0.89	39.54 4.20 0.00	43.81 6.01 0.00	50.56 7.04 -3.03	54.19 7.51 -3.50	61.29 8.07 -6.56	70.12 8.95 -9.71	103.61 12.13 -26.60	143.23 15.94 -43.39	171.73 14.31 -79.63	141.32 11.25 -67.53	84.48 7.67 -27.29	62.50 6.75 -6.83	56.35 5.86 -4.76	44.41 4.29 0.00	40.30 3.77 -0.57
SPIERFLS_115KV_TB 1 80737	33.61 2.94 0.00	30.74 2.74 0.00	27.54 2.37 0.00	26.56 2.19 0.00	26.61 2.20 0.00	28.48 2.38 0.00	30.32 1.88 0.00	33.38 2.04 0.00	34.82 1.85 0.00	37.10 1.77 0.00	39.69 1.89 0.00	42.67 2.19 0.00	45.60 2.42 0.00	49.36 2.71 0.00	54.80 3.34 0.00	81.04 4.28 -11.87	114.46 6.46 -24.11	169.10 6.69 -84.62	236.84 6.07 -168.24	121.45 4.70 -67.24	83.97 4.79 -30.26	50.13 4.39 0.00	43.32 3.21 0.00	38.22 2.27 0.00
ST LAWRENCE____ 23600	29.93 -0.74 0.00	27.41 -0.59 0.00	24.64 -0.53 0.00	23.88 -0.49 0.00	23.93 -0.49 0.00	25.55 -0.55 0.00	27.87 -0.57 0.00	30.75 -0.60 0.00	32.32 -0.66 0.00	34.63 -0.71 0.00	36.63 -1.17 0.00	39.03 -1.46 0.00	41.54 -1.64 0.00	44.79 -1.87 0.00	47.79 -2.01 1.66	46.54 -2.47 15.88	46.67 -3.19 34.04	46.90 -2.96 27.94	52.65 -2.50 7.38	47.58 -1.93 0.00	47.05 -1.86 0.00	44.05 -1.69 0.00	38.63 -1.48 0.00	34.99 -0.97 0.00
STATE_CA_115KV_115_LB 55624	31.55 0.89 0.00	28.84 0.84 0.00	25.93 0.76 0.00	25.10 0.73 0.00	25.12 0.71 0.00	26.81 0.70 0.00	29.21 0.77 0.00	32.19 0.85 0.00	33.97 0.99 0.00	36.32 0.99 0.00	39.16 1.36 0.00	41.98 1.50 0.00	44.82 1.64 0.00	48.43 1.77 0.00	53.56 2.11 0.00	67.74 2.85 0.00	90.12 3.78 -2.44	125.15 3.58 -43.78	159.61 2.75 -94.32	96.57 2.08 -44.97	73.54 2.05 -22.58	47.61 1.88 0.00	41.76 1.64 0.00	36.89 0.93 0.00
STATE_ST_34_KV_LOAD 55959	31.03 0.37 0.00	28.22 0.22 0.00	25.35 0.18 0.00	24.54 0.17 0.00	24.59 0.17 0.00	26.36 0.26 0.00	28.75 0.31 0.00	31.72 0.38 0.00	33.27 0.30 0.00	35.93 0.32 -0.28	38.22 0.42 0.00	41.25 0.77 0.00	43.96 0.78 0.00	47.73 1.07 0.00	52.43 0.98 0.00	65.86 0.97 0.00	87.07 1.17 -1.99	81.67 1.17 -2.71	63.78 1.25 0.00	50.41 0.89 0.00	49.84 0.93 0.00	46.91 0.96 -0.21	40.90 0.72 -0.06	36.47 0.50 0.00

STATION 5_MISC_HYD 23604	30.88 0.22 0.00	27.97 -0.03 0.00	25.12 -0.05 0.00	24.39 0.02 0.00	24.37 -0.05 0.00	26.18 0.08 0.00	28.41 -0.03 0.00	31.06 -0.28 0.00	32.62 -0.36 0.00	35.16 -0.18 0.00	37.69 -0.11 0.00	40.81 0.32 0.00	43.48 0.30 0.00	47.08 0.42 0.00	51.20 -0.26 0.00	61.80 -0.71 2.37	79.10 -1.09 3.71	78.44 -1.01 -1.66	61.91 -0.63 0.00	48.93 -0.54 0.04	48.57 -0.34 0.00	45.88 0.14 0.00	40.28 0.16 0.00	36.46 0.50 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.06 0.40 0.00	28.17 0.17 0.00	25.30 0.13 0.00	24.51 0.15 0.00	24.54 0.12 0.00	26.36 0.26 0.00	28.70 0.26 0.00	31.56 0.22 0.00	33.14 0.16 0.00	35.65 0.25 -0.07	38.07 0.26 0.00	41.29 0.81 0.00	44.04 0.86 0.00	47.87 1.21 0.00	52.23 0.77 0.00	63.61 0.52 1.80	82.02 0.42 2.30	80.16 0.47 -1.90	63.16 0.63 0.00	49.83 0.35 0.03	49.40 0.49 0.00	46.57 0.78 -0.05	40.69 0.56 -0.02	36.64 0.68 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.70 0.03 0.00	27.83 -0.17 0.00	24.99 -0.18 0.00	24.25 -0.12 0.00	24.24 -0.17 0.00	26.05 -0.05 0.00	28.27 -0.17 0.00	30.97 -0.38 0.00	32.55 -0.43 0.00	34.94 -0.39 0.00	37.46 -0.34 0.00	40.69 0.20 0.00	43.35 0.17 0.00	47.12 0.47 0.00	51.25 -0.21 0.00	61.76 -0.78 2.34	79.07 -1.17 3.65	78.35 -1.09 -1.64	61.78 -0.75 0.00	48.83 -0.64 0.04	48.47 -0.44 0.00	45.69 -0.05 0.00	40.04 -0.08 0.00	36.17 0.22 0.00
STA_56____34_KV_BUS2 355983	30.70 0.03 0.00	27.83 -0.17 0.00	24.99 -0.18 0.00	24.25 -0.12 0.00	24.24 -0.17 0.00	26.05 -0.05 0.00	28.27 -0.17 0.00	30.97 -0.38 0.00	32.55 -0.43 0.00	34.94 -0.39 0.00	37.46 -0.34 0.00	40.69 0.20 0.00	43.35 0.17 0.00	47.12 0.47 0.00	51.25 -0.21 0.00	61.76 -0.78 2.34	79.07 -1.17 3.65	78.35 -1.09 -1.64	61.78 -0.75 0.00	48.83 -0.64 0.04	48.47 -0.44 0.00	45.69 -0.05 0.00	40.04 -0.08 0.00	36.17 0.22 0.00
STA_67____115KV_BK2 355882	30.79 0.12 0.00	27.92 -0.08 0.00	25.07 -0.10 0.00	24.32 -0.05 0.00	24.32 -0.10 0.00	26.13 0.03 0.00	28.35 -0.09 0.00	31.00 -0.34 0.00	32.55 -0.43 0.00	34.94 -0.39 0.00	37.46 -0.34 0.00	40.69 0.20 0.00	43.35 0.17 0.00	47.08 0.42 0.00	51.20 -0.26 0.00	61.60 -0.91 2.38	78.75 -1.43 3.71	78.21 -1.24 -1.66	61.72 -0.81 0.00	48.78 -0.69 0.04	48.42 -0.49 0.00	45.74 0.00 0.00	40.08 -0.04 0.00	36.28 0.32 0.00
STA_7____115KV_9TRANS 80674	31.03 0.37 0.00	28.11 0.11 0.00	25.25 0.08 0.00	24.49 0.12 0.00	24.46 0.05 0.00	26.31 0.21 0.00	28.55 0.11 0.00	31.25 -0.09 0.00	32.81 -0.16 0.00	35.26 -0.07 0.00	37.84 0.04 0.00	41.09 0.61 0.00	43.83 0.65 0.00	47.64 0.98 0.00	51.76 0.31 0.00	62.32 -0.19 2.37	79.69 -0.50 3.70	79.06 -0.39 -1.66	62.35 -0.19 0.00	49.33 -0.15 0.04	48.96 0.05 0.00	46.20 0.46 0.00	40.48 0.36 0.00	36.60 0.65 0.00
STA_82____115KV_TB1 80780	30.82 0.15 0.00	27.92 -0.08 0.00	25.07 -0.10 0.00	24.32 -0.05 0.00	24.32 -0.10 0.00	26.13 0.03 0.00	28.35 -0.09 0.00	31.00 -0.34 0.00	32.55 -0.43 0.00	34.94 -0.39 0.00	37.50 -0.30 0.00	40.69 0.20 0.00	43.35 0.17 0.00	47.12 0.47 0.00	51.20 -0.26 0.00	61.63 -0.91 2.35	78.89 -1.34 3.66	78.29 -1.17 -1.67	61.72 -0.81 0.00	48.83 -0.64 0.04	48.47 -0.44 0.00	45.74 0.00 0.00	40.12 0.00 0.00	36.32 0.36 0.00
STEEL____WIND 323596	30.97 0.31 0.00	28.00 0.00 0.00	25.17 0.00 0.00	24.49 0.12 0.00	24.42 0.00 0.00	26.29 0.18 0.00	28.38 -0.06 0.00	30.75 -0.60 0.00	32.28 -0.69 0.00	34.84 -0.49 0.00	37.39 -0.41 0.00	40.65 0.16 0.00	43.01 -0.17 0.00	46.52 -0.14 0.00	50.12 -1.34 0.00	59.20 -3.31 2.38	76.53 -4.37 3.00	77.17 -4.13 -3.50	62.69 -2.19 -2.35	50.02 -1.68 -2.19	48.61 -1.42 -1.12	45.33 -0.41 0.00	40.04 -0.08 0.00	36.61 0.65 0.00
STEPHTWN_115KV_BK_2 55603	31.68 1.01 0.00	28.92 0.92 0.00	26.00 0.83 0.00	25.17 0.80 0.00	25.20 0.78 0.00	26.91 0.81 0.00	29.35 0.91 0.00	32.35 1.00 0.00	34.10 1.12 0.00	36.46 1.13 0.00	39.35 1.55 0.00	42.18 1.70 0.00	44.99 1.81 0.00	48.62 1.96 0.00	53.82 2.37 0.00	23.55 3.18 44.51	9.59 4.28 78.58	1.32 4.12 80.60	5.26 3.19 60.46	63.49 2.43 -11.55	70.41 2.40 -19.10	47.93 2.20 0.00	42.04 1.93 0.00	37.14 1.19 0.00
STEUBEN_REC_LFGE 323667	31.77 1.10 0.00	28.76 0.76 0.00	25.82 0.65 0.00	25.05 0.68 0.00	25.00 0.59 0.00	26.94 0.84 0.00	29.29 0.85 0.00	32.07 0.72 0.00	33.54 0.56 0.00	36.03 0.60 -0.09	38.48 0.68 0.00	41.82 1.34 0.00	44.22 1.04 0.00	47.82 1.17 0.00	51.97 0.51 0.00	62.62 -0.84 1.42	81.62 -1.17 1.10	81.79 -1.01 -5.01	66.26 0.50 -3.23	52.79 0.25 -3.02	51.28 0.83 -1.53	47.22 1.42 -0.07	41.54 1.40 -0.02	37.47 1.51 0.00
STILLWATER____SOLAR 323814	33.06 2.39 0.00	30.21 2.21 0.00	27.11 1.94 0.00	26.17 1.80 0.00	26.25 1.83 0.00	28.06 1.96 0.00	30.32 1.88 0.00	33.38 2.04 0.00	35.02 2.05 0.00	37.35 2.01 0.00	40.18 2.38 0.00	43.15 2.67 0.00	46.12 2.94 0.00	49.92 3.26 0.00	55.26 3.81 0.00	84.44 4.87 -14.69	119.82 6.71 -29.21	175.21 6.61 -90.81	239.39 5.63 -171.23	120.48 4.41 -66.56	82.41 4.40 -29.09	49.76 4.03 0.00	43.25 3.13 0.00	38.37 2.41 0.00
STONY____BROOK 24151	36.69 2.91 -3.11	35.57 2.52 -5.05	32.77 2.39 -5.20	27.90 2.22 -1.31	27.14 2.27 -0.45	28.37 2.27 0.00	31.00 2.56 0.00	35.90 2.82 -1.73	37.10 3.23 -0.89	38.23 2.90 0.00	41.96 4.16 0.00	48.22 4.69 -3.04	51.89 5.05 -3.67	58.94 5.41 -6.87	67.74 6.12 -10.16	100.42 8.43 -27.11	139.10 10.83 -44.37	168.02 9.80 -80.42	138.10 7.69 -67.87	83.06 5.99 -27.55	61.17 5.43 -6.83	55.21 4.71 -4.75	44.09 3.97 0.00	40.08 3.56 -0.57
STURGEON_POOL_HYD 23609	32.60 1.93 0.00	29.65 1.65 0.00	26.71 1.54 0.00	25.76 1.39 0.00	25.83 1.42 0.00	27.56 1.46 0.00	30.06 1.62 0.00	33.13 1.79 0.00	35.06 2.08 0.00	37.63 2.30 0.00	40.94 3.14 0.00	43.80 3.32 0.00	46.98 3.80 0.00	50.62 3.97 0.00	56.03 4.58 0.00	67.27 6.62 4.23	86.90 8.73 5.72	98.81 7.78 -13.23	83.96 6.00 -15.43	68.30 4.31 -14.48	61.32 3.86 -8.55	49.31 3.57 0.00	43.08 2.97 0.00	37.97 2.01 0.00
ST_LAW_115_BK7_LBMP 345037	29.87 -0.80 0.00	27.38 -0.62 0.00	24.62 -0.55 0.00	23.83 -0.54 0.00	23.88 -0.54 0.00	25.50 -0.60 0.00	27.84 -0.60 0.00	30.72 -0.63 0.00	32.28 -0.69 0.00	34.59 -0.74 0.00	36.56 -1.25 0.00	38.90 -1.58 0.00	41.41 -1.77 0.00	44.65 -2.00 0.00	47.66 -2.16 1.64	46.56 -2.60 15.73	46.67 -3.44 33.78	46.87 -3.19 27.73	52.48 -2.75 7.30	47.44 -2.08 0.00	46.90 -2.01 0.00	43.91 -1.83 0.00	38.47 -1.65 0.00	34.95 -1.01 0.00
ST_LAW_115_BK8_LBMP 345038	29.87 -0.80 0.00	27.38 -0.62 0.00	24.62 -0.55 0.00	23.83 -0.54 0.00	23.88 -0.54 0.00	25.50 -0.60 0.00	27.84 -0.60 0.00	30.72 -0.63 0.00	32.28 -0.69 0.00	34.59 -0.74 0.00	36.56 -1.25 0.00	38.90 -1.58 0.00	41.41 -1.77 0.00	44.65 -2.00 0.00	47.66 -2.16 1.64	46.56 -2.60 15.73	46.67 -3.44 33.78	46.87 -3.19 27.73	52.48 -2.75 7.30	47.44 -2.08 0.00	46.90 -2.01 0.00	43.91 -1.83 0.00	38.47 -1.65 0.00	34.95 -1.01 0.00

ST_LAW_230_BK5_LBMP 345035	29.93 -0.74 0.00	27.41 -0.59 0.00	24.64 -0.53 0.00	23.88 -0.49 0.00	23.93 -0.49 0.00	25.55 -0.55 0.00	27.87 -0.57 0.00	30.75 -0.60 0.00	32.32 -0.66 0.00	34.63 -0.71 0.00	36.63 -1.17 0.00	39.03 -1.46 0.00	41.54 -1.64 0.00	44.79 -1.87 0.00	47.78 -2.01 1.67	46.40 -2.47 16.02	46.31 -3.19 34.39	46.61 -2.96 28.23	52.58 -2.50 7.45	47.58 -1.93 0.00	47.05 -1.86 0.00	44.05 -1.69 0.00	38.63 -1.48 0.00	34.99 -0.97 0.00
ST_LAW_230_BK6_LBMP 345036	29.93 -0.74 0.00	27.41 -0.59 0.00	24.64 -0.53 0.00	23.88 -0.49 0.00	23.93 -0.49 0.00	25.55 -0.55 0.00	27.87 -0.57 0.00	30.75 -0.60 0.00	32.32 -0.66 0.00	34.63 -0.71 0.00	36.63 -1.17 0.00	39.03 -1.46 0.00	41.54 -1.64 0.00	44.79 -1.87 0.00	47.78 -2.01 1.67	46.40 -2.47 16.02	46.31 -3.19 34.39	46.61 -2.96 28.23	52.58 -2.50 7.45	47.58 -1.93 0.00	47.05 -1.86 0.00	44.05 -1.69 0.00	38.63 -1.48 0.00	34.99 -0.97 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.44 1.78 0.00	29.54 1.54 0.00	26.58 1.41 0.00	25.66 1.29 0.00	25.73 1.32 0.00	27.49 1.38 0.00	29.95 1.51 0.00	33.01 1.66 0.00	34.89 1.91 0.00	37.38 2.05 0.00	40.56 2.76 0.00	43.44 2.96 0.00	46.42 3.24 0.00	50.06 3.41 0.00	55.42 3.96 0.00	72.51 5.45 -2.17	96.81 7.22 -5.69	110.46 6.46 -26.21	93.03 5.00 -25.50	67.02 3.81 -13.70	58.73 3.57 -6.24	48.89 3.16 0.00	42.88 2.77 0.00	37.83 1.87 0.00
SWANROAD_115KV_TB1 355699	30.17 -0.49 0.00	27.33 -0.67 0.00	24.57 -0.60 0.00	23.88 -0.49 0.00	23.83 -0.59 0.00	25.66 -0.44 0.00	27.64 -0.80 0.00	29.78 -1.57 0.00	31.23 -1.75 0.00	33.39 -1.94 0.00	35.80 -2.00 0.00	39.07 -1.42 0.00	41.41 -1.77 0.00	45.02 -1.63 0.00	48.42 -3.04 0.00	56.93 -5.45 2.50	73.43 -7.22 3.25	74.38 -6.61 -3.20	59.97 -4.69 -2.13	47.78 -3.71 -1.98	46.75 -3.18 -1.01	43.63 -2.10 0.00	38.51 -1.60 0.00	35.38 -0.58 0.00
SYNERGY___BIOGAS 323694	31.34 0.67 0.00	28.31 0.31 0.00	25.45 0.28 0.00	24.73 0.37 0.00	24.68 0.27 0.00	26.60 0.49 0.00	28.78 0.34 0.00	31.31 -0.03 0.00	32.85 -0.13 0.00	35.33 0.00 0.00	37.76 -0.04 0.00	40.93 0.45 0.00	43.52 0.34 0.00	47.17 0.51 0.00	50.89 -0.56 0.00	60.83 -1.62 2.43	78.14 -2.35 3.40	77.62 -2.10 -1.93	61.53 -1.00 0.00	48.74 -0.74 0.03	48.52 -0.39 0.00	46.15 0.41 0.00	40.52 0.40 0.00	36.93 0.97 0.00
SYRACUSE___ENERGY_ST1 323597	30.76 0.09 0.00	28.03 0.03 0.00	25.17 0.00 0.00	24.37 0.00 0.00	24.44 0.02 0.00	26.13 0.03 0.00	28.50 0.06 0.00	31.44 0.09 0.00	33.01 0.03 0.00	35.71 0.04 -0.34	37.95 0.15 0.00	40.89 0.39 0.00	43.57 0.56 0.00	47.22 0.51 0.00	51.97 0.51 0.00	65.34 0.45 0.00	86.69 0.50 -2.29	80.82 0.47 -2.56	63.10 0.56 0.00	49.86 0.35 0.00	49.30 0.39 0.00	46.40 0.41 -0.25	40.47 0.28 -0.07	36.11 0.14 -0.01
SYRACUSE___ENERGY_ST2 323598	30.76 0.09 0.00	28.03 0.03 0.00	25.17 0.00 0.00	24.37 0.00 0.00	24.44 0.02 0.00	26.13 0.03 0.00	28.50 0.06 0.00	31.44 0.09 0.00	33.01 0.03 0.00	35.71 0.04 -0.34	37.95 0.15 0.00	40.89 0.40 0.00	43.57 0.39 0.00	47.22 0.56 0.00	51.97 0.51 0.00	65.34 0.45 0.00	86.69 0.50 -2.29	80.82 0.47 -2.56	63.10 0.56 0.00	49.86 0.35 0.00	49.30 0.39 0.00	46.40 0.41 -0.25	40.47 0.28 -0.07	36.11 0.14 -0.01
SYRACUSE___POWER 24017	30.70 0.03 0.00	27.97 -0.03 0.00	25.12 -0.05 0.00	24.32 -0.05 0.00	24.37 -0.05 0.00	26.08 -0.03 0.00	28.44 0.00 0.00	31.38 0.03 0.00	32.94 -0.03 0.00	35.56 0.00 -0.22	37.88 0.08 0.00	40.81 0.32 0.00	43.48 0.30 0.00	47.12 0.47 0.00	51.92 0.46 0.00	64.48 0.32 0.73	84.63 0.34 -0.40	80.32 0.31 -2.21	62.97 0.44 0.00	49.75 0.25 0.01	49.25 0.34 0.00	46.27 0.37 -0.16	40.40 0.24 -0.05	36.03 0.07 0.00
TALLMAN___138KV_BK151 55660	32.66 1.99 0.00	29.76 1.76 0.00	26.78 1.61 0.00	25.83 1.46 0.00	25.90 1.49 0.00	27.67 1.57 0.00	30.15 1.71 0.00	33.23 1.88 0.00	35.12 2.14 0.00	37.67 2.33 0.00	40.90 3.10 0.00	43.84 3.36 0.00	46.81 3.63 0.00	50.44 3.78 0.00	55.88 4.43 0.00	73.36 6.10 -2.37	98.08 8.05 -6.13	112.52 7.23 -27.49	94.83 5.50 -26.80	67.93 4.16 -14.26	59.29 3.91 -6.47	49.21 3.48 0.00	43.20 3.09 0.00	38.04 2.09 0.00
TEALLAVE_115KV_TB7 355573	30.57 -0.09 0.00	27.86 -0.14 0.00	25.04 -0.13 0.00	24.25 -0.12 0.00	24.32 -0.10 0.00	26.00 -0.10 0.00	28.35 -0.09 0.00	31.25 -0.09 0.00	32.85 -0.13 0.00	35.41 -0.11 -0.18	37.76 -0.04 0.00	40.65 0.16 0.00	43.35 0.17 0.00	46.98 0.33 0.00	51.71 0.26 0.00	63.97 0.06 0.98	83.62 0.00 0.28	79.63 0.00 -1.84	62.66 0.13 0.00	49.55 0.05 0.01	49.01 0.10 0.00	46.01 0.14 -0.14	40.19 0.04 -0.04	35.89 -0.07 0.00
TELGRAPH_34_KV_EAST 80808	30.91 0.25 0.00	27.94 -0.06 0.00	25.12 -0.05 0.00	24.39 0.02 0.00	24.34 -0.07 0.00	26.23 0.13 0.00	28.33 -0.11 0.00	30.72 -0.63 0.00	32.22 -0.76 0.00	34.38 -0.95 0.00	36.82 -0.98 0.00	40.16 -0.32 0.00	42.66 -0.52 0.00	46.47 -0.19 0.00	50.01 -1.44 0.00	59.12 -3.31 2.46	76.10 -4.45 3.34	76.70 -4.12 -3.03	61.91 -2.63 -2.01	49.25 -2.13 -1.86	48.25 -1.61 -0.96	45.05 -0.69 0.00	39.59 -0.52 0.00	36.21 0.25 0.00
TEMPLE___115KV_TB 2 55572	30.60 -0.06 0.00	27.89 -0.11 0.00	25.04 -0.13 0.00	24.27 -0.10 0.00	24.32 -0.10 0.00	26.02 -0.08 0.00	28.38 -0.06 0.00	31.28 -0.06 0.00	32.88 -0.10 0.00	35.41 -0.11 -0.18	37.76 -0.04 0.00	40.69 0.20 0.00	43.40 0.22 0.00	47.03 0.37 0.00	51.76 0.31 0.00	64.02 0.13 0.99	83.67 0.08 0.31	79.73 0.08 -1.85	62.72 0.19 0.00	49.55 0.05 0.02	49.06 0.15 0.00	46.06 0.18 -0.13	40.23 0.08 -0.04	35.89 -0.07 0.00
TIANA___69_KV_BK 1 55817	36.69 2.91 -3.11	35.57 2.52 -5.05	32.82 2.44 -5.20	28.00 2.31 -1.31	27.24 2.37 -0.45	28.50 2.40 0.00	31.17 2.73 0.00	36.05 2.98 -1.73	37.40 3.53 -0.89	38.76 3.43 0.00	42.49 4.69 0.00	49.02 5.51 -3.03	52.68 6.00 -3.50	59.47 6.25 -6.57	68.22 7.05 -9.71	101.48 9.99 -26.60	140.55 13.26 -43.39	169.48 12.06 -79.63	139.51 9.44 -67.54	83.74 6.93 -27.29	62.05 6.31 -6.83	56.07 5.58 -4.76	44.37 4.25 0.00	39.90 3.38 -0.57
TILDEN___115KV_TB1 80814	30.70 0.03 0.00	27.97 -0.03 0.00	25.12 -0.05 0.00	24.32 -0.05 0.00	24.37 -0.05 0.00	26.08 -0.03 0.00	28.44 0.00 0.00	31.38 0.03 0.00	32.94 -0.03 0.00	35.56 0.00 -0.22	37.88 0.08 0.00	40.81 0.32 0.00	43.48 0.30 0.00	47.12 0.47 0.00	51.92 0.46 0.00	64.48 0.32 0.73	84.63 0.34 -0.40	80.32 0.31 -2.21	62.97 0.44 0.00	49.75 0.25 0.01	49.25 0.34 0.00	46.27 0.37 -0.16	40.40 0.24 -0.05	36.03 0.07 0.00
TRIGEN___CC 323695	36.44 2.67 -3.11	35.41 2.35 -5.05	32.51 2.14 -5.20	27.63 1.95 -1.31	26.84 1.98 -0.45	28.19 2.09 0.00	30.77 2.33 0.00	35.74 2.66 -1.73	36.87 3.00 -0.89	38.37 3.04 0.00	41.88 4.08 0.00	49.17 4.41 -4.27	64.81 4.71 -16.92	83.27 4.90 -31.72	103.93 5.56 -46.92	140.53 7.72 -67.92	217.74 10.24 -123.61	230.38 9.18 -143.40	163.79 7.13 -94.13	103.50 5.45 -48.54	60.88 5.14 -6.83	55.11 4.62 -4.75	44.13 4.01 0.00	39.54 3.02 -0.57

TRINITY__115KV__4 BK 55933	31.40 0.74 0.00	28.70 0.70 0.00	25.82 0.65 0.00	25.00 0.63 0.00	25.05 0.63 0.00	26.70 0.60 0.00	29.09 0.65 0.00	32.03 0.69 0.00	33.77 0.79 0.00	36.15 0.81 0.00	38.97 1.17 0.00	41.78 1.30 0.00	44.56 1.38 0.00	48.15 1.49 0.00	53.26 1.80 0.00	52.47 2.47 14.88	62.50 3.27 24.66	81.11 3.11 -0.20	99.01 2.38 -34.10	81.64 1.78 -30.35	70.31 1.76 -19.63	47.34 1.60 0.00	41.56 1.44 0.00	36.71 0.76 0.00
UNION__PROCESSING_DRP 323587	30.82 0.15 0.00	27.92 -0.08 0.00	25.07 -0.10 0.00	24.34 -0.02 0.00	24.34 -0.07 0.00	26.16 0.05 0.00	28.38 -0.06 0.00	31.03 -0.31 0.00	32.58 -0.40 0.00	34.98 -0.35 0.00	37.50 -0.30 0.00	40.69 0.20 0.00	43.40 0.22 0.00	47.12 0.47 0.00	51.25 -0.21 0.00	61.70 -0.84 2.34	78.91 -1.34 3.64	78.30 -1.17 -1.67	61.78 -0.75 0.00	48.83 -0.64 0.04	48.47 -0.44 0.00	45.78 0.05 0.00	40.12 0.00 0.00	36.32 0.36 0.00
UPPER HUDSON__HYD 24058	33.61 2.94 0.00	30.75 2.75 0.00	27.54 2.37 0.00	26.56 2.19 0.00	26.64 2.22 0.00	28.48 2.38 0.00	30.32 1.88 0.00	33.38 2.04 0.00	34.82 1.85 0.00	37.10 1.77 0.00	39.69 1.89 0.00	42.67 2.18 0.00	45.64 2.46 0.00	49.41 2.75 0.00	54.80 3.34 0.00	81.04 4.28 -11.87	114.46 6.46 -24.11	169.10 6.69 -84.62	236.84 6.06 -168.24	121.50 4.75 -67.24	83.97 4.80 -30.26	50.09 4.35 0.00	43.33 3.21 0.00	38.37 2.41 0.00
UPPER RAQUET__HYD 24056	29.56 -1.10 0.00	27.19 -0.81 0.00	24.39 -0.78 0.00	23.69 -0.68 0.00	23.71 -0.71 0.00	25.42 -0.68 0.00	27.81 -0.63 0.00	30.59 -0.75 0.00	32.09 -0.89 0.00	34.44 -0.95 -0.06	36.25 -1.55 0.00	38.13 -2.35 0.00	40.37 -2.81 0.00	43.48 -3.17 0.00	46.84 -3.40 1.21	48.97 -4.28 11.63	53.41 -5.87 24.61	52.21 -5.29 20.29	52.54 -4.19 5.81	46.49 -3.02 0.00	46.03 -2.89 0.00	43.18 -2.61 -0.04	37.84 -2.28 -0.01	35.06 -0.90 0.00
VALLEY44_115KV_TB2 355964	30.94 0.28 0.00	27.97 -0.03 0.00	25.12 -0.05 0.00	24.44 0.07 0.00	24.32 -0.10 0.00	26.26 0.16 0.00	28.41 -0.03 0.00	30.97 -0.38 0.00	32.58 -0.40 0.00	34.98 -0.35 0.00	37.58 -0.23 0.00	41.01 0.53 0.00	43.14 -0.04 0.00	46.70 0.05 0.00	50.68 -0.77 0.00	58.80 -3.96 2.13	76.06 -5.20 2.64	76.83 -4.90 -3.93	63.32 -1.88 -2.66	50.02 -1.98 -2.48	48.96 -1.22 -1.27	45.56 -0.18 0.00	40.36 0.24 0.00	36.50 0.54 0.00
VALLEY__115KV_TB 1-4 80826	31.19 0.52 0.00	28.48 0.48 0.00	25.57 0.40 0.00	24.78 0.41 0.00	24.83 0.42 0.00	26.62 0.52 0.00	29.04 0.60 0.00	32.00 0.66 0.00	33.70 0.73 0.00	36.15 0.81 0.00	38.78 0.98 0.00	41.54 1.05 0.00	44.35 1.17 0.00	47.92 1.26 0.00	52.72 1.18 -0.08	67.03 1.36 -0.78	87.16 1.59 -1.67	80.80 1.63 -1.37	64.28 1.38 -0.37	50.50 0.99 0.00	49.89 0.98 0.00	46.79 1.05 0.00	41.00 0.88 0.00	36.57 0.61 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.32 1.66 0.00	29.46 1.46 0.00	26.40 1.23 0.00	25.56 1.19 0.00	25.61 1.20 0.00	27.49 1.38 0.00	29.98 1.54 0.00	33.01 1.66 0.00	34.76 1.78 0.00	37.37 1.98 -0.06	40.15 2.34 0.00	43.03 2.55 0.00	46.03 2.85 0.00	49.83 3.17 0.00	54.90 3.45 0.00	69.07 4.22 0.03	90.29 5.29 -1.11	95.17 5.06 -12.31	87.78 4.19 -21.06	64.13 3.22 -11.40	57.95 3.28 -5.77	48.80 3.02 -0.04	42.61 2.49 -0.01	37.83 1.87 0.00
VISCHER__FERRY HYD 24020	32.23 1.56 0.00	29.43 1.43 0.00	26.45 1.28 0.00	25.56 1.19 0.00	25.64 1.22 0.00	27.38 1.28 0.00	29.75 1.31 0.00	32.82 1.47 0.00	34.53 1.55 0.00	36.89 1.55 0.00	39.77 1.96 0.00	42.63 2.14 0.00	45.55 2.37 0.00	49.27 2.61 0.00	54.49 3.04 0.00	89.14 3.89 -20.36	128.69 5.29 -39.51	185.76 4.98 -102.98	242.30 4.06 -175.71	117.26 3.17 -64.57	78.40 3.08 -26.41	48.53 2.79 0.00	42.40 2.29 0.00	37.58 1.62 0.00
V_A_10_SYNC_DSASP 323832	30.39 -0.28 0.00	27.50 -0.50 0.00	24.74 -0.43 0.00	24.05 -0.32 0.00	24.00 -0.42 0.00	25.82 -0.29 0.00	27.90 -0.54 0.00	30.22 -1.13 0.00	31.69 -1.29 0.00	34.13 -1.20 0.00	36.59 -1.21 0.00	39.63 -0.85 0.00	42.10 -1.08 0.00	45.44 -1.21 0.00	49.19 -2.26 0.00	59.27 -3.44 2.17	75.67 -4.61 3.62	75.47 -4.20 -1.87	59.35 -3.19 0.00	47.00 -2.47 0.04	46.76 -2.15 0.00	44.41 -1.33 0.00	39.19 -0.92 0.00	35.78 -0.18 0.00
V_CMM_10_SYNC_DSASP 323787	29.99 -0.67 0.00	27.50 -0.50 0.00	24.72 -0.45 0.00	23.95 -0.41 0.00	23.98 -0.44 0.00	25.63 -0.47 0.00	27.96 -0.48 0.00	30.88 -0.47 0.00	32.42 -0.56 0.00	34.73 -0.60 0.00	36.70 -1.10 0.00	39.11 -1.38 0.00	41.63 -1.55 0.00	44.84 -1.82 0.00	47.91 -1.90 1.64	46.82 -2.33 15.73	47.01 -3.10 33.78	47.19 -2.88 27.73	52.73 -2.50 7.30	47.63 -1.88 0.00	47.10 -1.81 0.00	44.09 -1.64 0.00	38.67 -1.44 0.00	35.09 -0.86 0.00
V_CMP_10_SYNC_DSASP 323788	31.00 0.34 0.00	28.59 0.59 0.00	25.67 0.50 0.00	24.93 0.56 0.00	25.00 0.59 0.00	26.76 0.65 0.00	29.23 0.80 0.00	32.28 0.94 0.00	33.83 0.86 0.00	36.32 0.99 0.00	38.56 0.76 0.00	41.09 0.61 0.00	43.57 0.39 0.00	45.82 -0.84 0.00	48.83 -1.03 1.60	48.31 -1.23 15.34	48.66 -2.10 32.94	53.52 -1.82 27.04	48.33 -1.19 7.20	48.28 -0.64 0.00	46.43 0.69 0.00	40.64 0.52 0.00	36.79 0.83 0.00	
V_D_10_SYNC_DSASP 323841	30.11 -0.55 0.00	27.66 -0.33 0.00	24.84 -0.33 0.00	24.08 -0.29 0.00	24.10 -0.32 0.00	25.76 -0.34 0.00	28.13 -0.31 0.00	31.06 -0.28 0.00	32.58 -0.39 0.00	34.91 -0.42 0.00	36.82 -0.98 0.00	38.99 -1.50 0.00	41.45 -1.73 0.00	44.70 -1.96 0.00	47.80 -2.06 1.59	47.06 -2.53 15.29	47.78 -3.27 32.84	47.73 -3.11 26.95	52.72 -2.75 7.06	47.48 -2.03 0.00	46.95 -1.96 0.00	44.00 -1.74 0.00	38.55 -1.57 0.00	35.31 -0.65 0.00
V_E_10_SYNC_DSASP 323830	33.43 2.76 0.00	30.43 2.43 0.00	27.18 2.01 0.00	26.39 2.02 0.00	26.42 2.00 0.00	28.53 2.43 0.00	31.23 2.79 0.00	34.29 2.95 0.00	35.78 2.80 0.00	38.51 3.04 -0.13	41.05 3.25 0.00	44.05 3.56 0.00	47.15 3.97 0.00	51.28 4.62 0.00	56.24 4.79 0.00	69.90 5.58 0.57	91.57 7.13 -0.54	93.28 7.54 -7.95	79.67 6.82 -10.32	60.84 5.40 -5.92	57.39 5.48 -3.00	50.91 5.08 -0.10	44.24 4.09 -0.03	39.52 3.56 0.00
V_F_30_NSYNC__DSASP 323816	33.15 2.48 0.00	30.30 2.30 0.00	27.18 2.01 0.00	26.22 1.85 0.00	26.30 1.88 0.00	28.11 2.01 0.00	30.40 1.96 0.00	33.45 2.10 0.00	35.09 2.11 0.00	37.45 2.12 0.00	40.30 2.49 0.00	43.24 2.75 0.00	46.25 3.07 0.00	50.02 3.36 0.00	55.42 3.96 0.00	84.05 5.06 -14.10	118.92 6.88 -28.14	174.16 6.85 -89.52	238.96 5.82 -170.61	120.77 4.55 -66.70	82.80 4.55 -29.33	49.90 4.16 0.00	43.36 3.25 0.00	38.44 2.48 0.00
V_F_30_SYNC_DSASP 323786	31.55 0.89 0.00	28.84 0.84 0.00	25.93 0.76 0.00	25.10 0.73 0.00	25.12 0.71 0.00	26.81 0.70 0.00	29.21 0.77 0.00	32.19 0.85 0.00	33.93 0.96 0.00	36.32 0.99 0.00	39.16 1.36 0.00	41.98 1.50 0.00	44.82 1.64 0.00	48.43 1.77 0.00	53.56 2.11 0.00	67.74 2.85 0.00	90.11 3.78 -2.44	124.88 3.58 -43.50	158.44 2.75 -93.16	96.09 2.08 -44.50	73.30 2.05 -22.34	47.61 1.88 0.00	41.76 1.64 0.00	36.89 0.93 0.00

V_XM10_SYNC_DSASP 323789	31.00 0.34 0.00	28.59 0.59 0.00	25.67 0.50 0.00	24.93 0.56 0.00	25.00 0.59 0.00	26.76 0.65 0.00	29.23 0.80 0.00	32.28 0.94 0.00	33.83 0.86 0.00	36.32 0.99 0.00	38.56 0.76 0.00	41.09 0.61 0.00	43.57 0.39 0.00	45.82 -0.84 0.00	48.83 -1.03 1.60	48.31 -1.23 15.34	48.86 -2.09 32.94	48.66 -2.10 27.04	53.52 -1.82 7.20	48.33 -1.19 0.00	48.28 -0.64 0.00	46.43 0.69 0.00	40.64 0.52 0.00	36.79 0.83 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.75 2.09 0.00	29.85 1.85 0.00	26.88 1.71 0.00	25.93 1.56 0.00	25.98 1.56 0.00	27.75 1.64 0.00	30.23 1.79 0.00	33.32 1.97 0.00	35.25 2.28 0.00	37.77 2.44 0.00	41.05 3.25 0.00	43.96 3.48 0.00	46.98 3.80 0.00	50.67 4.01 0.00	56.09 4.63 0.00	73.67 6.36 -2.42	98.51 8.39 -6.23	113.12 7.55 -27.78	95.45 5.82 -27.10	68.31 4.41 -14.39	59.54 4.11 -6.52	49.40 3.66 0.00	43.32 3.21 0.00	38.15 2.19 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.03 2.36 0.00	30.04 2.04 0.00	27.06 1.89 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.93 1.83 0.00	30.52 2.08 0.00	33.79 2.44 0.00	35.78 2.80 0.00	38.37 3.04 0.00	41.77 3.97 0.00	44.69 4.21 0.00	47.63 4.45 0.00	51.32 4.67 0.00	56.81 5.35 0.00	74.98 7.40 -2.70	100.44 9.73 -6.81	116.06 8.71 -29.55	98.08 6.63 -28.92	69.75 5.05 -15.18	60.49 4.74 -6.83	49.90 4.16 0.00	43.97 3.85 0.00	38.69 2.73 0.00
W50THST__13_KV_LOAD 356117	33.18 2.51 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.20 1.83 0.00	26.29 1.88 0.00	28.09 1.98 0.00	30.71 2.28 0.00	34.01 2.66 0.00	36.04 3.07 0.00	38.65 3.32 0.00	42.11 4.31 0.00	45.06 4.57 0.00	48.06 4.88 0.00	51.74 5.09 0.00	57.22 5.76 0.00	75.50 7.92 -2.70	101.20 10.49 -6.81	116.68 9.34 -29.55	98.58 7.13 -28.92	70.15 5.45 -15.18	60.88 5.14 -6.83	50.27 4.53 0.00	44.25 4.13 0.00	38.91 2.95 0.00
WADING RIVER_IC_1 23522	36.32 2.54 -3.11	35.18 2.13 -5.05	32.49 2.11 -5.20	27.68 2.00 -1.31	26.92 2.05 -0.45	28.14 2.04 0.00	30.74 2.30 0.00	35.55 2.48 -1.73	36.77 2.90 -0.89	37.84 2.51 0.00	41.66 3.86 0.00	48.00 4.49 -3.03	51.55 4.88 -3.49	58.51 5.32 -6.54	67.20 6.07 -9.67	99.82 8.37 -26.56	138.19 10.99 -43.31	167.40 10.04 -79.56	137.92 7.88 -67.51	82.72 5.94 -27.27	61.08 5.33 -6.83	55.11 4.62 -4.76	43.68 3.57 0.00	39.69 3.17 -0.57
WADING RIVER_IC_2 23547	36.32 2.54 -3.11	35.18 2.13 -5.05	32.49 2.11 -5.20	27.68 2.00 -1.31	26.92 2.05 -0.45	28.14 2.04 0.00	30.74 2.30 0.00	35.55 2.48 -1.73	36.77 2.90 -0.89	37.84 2.51 0.00	41.66 3.86 0.00	48.00 4.49 -3.03	51.55 4.88 -3.49	58.51 5.32 -6.54	67.20 6.07 -9.67	99.82 8.37 -26.56	138.19 10.99 -43.31	167.40 10.04 -79.56	137.92 7.88 -67.51	82.72 5.94 -27.27	61.08 5.33 -6.83	55.11 4.62 -4.76	43.68 3.57 0.00	39.69 3.17 -0.57
WADING RIVER_IC_3 23601	36.32 2.54 -3.11	35.18 2.13 -5.05	32.49 2.11 -5.20	27.68 2.00 -1.31	26.92 2.05 -0.45	28.14 2.04 0.00	30.74 2.30 0.00	35.55 2.48 -1.73	36.77 2.90 -0.89	37.84 2.51 0.00	41.66 3.86 0.00	48.00 4.49 -3.03	51.55 4.88 -3.49	58.51 5.32 -6.54	67.20 6.07 -9.67	99.82 8.37 -26.56	138.19 10.99 -43.31	167.40 10.04 -79.56	137.92 7.88 -67.51	82.72 5.94 -27.27	61.08 5.33 -6.83	55.11 4.62 -4.76	43.68 3.57 0.00	39.69 3.17 -0.57
WALDENNY_12_KV_BK2 80841	31.00 0.34 0.00	28.00 0.00 0.00	25.20 0.03 0.00	24.46 0.10 0.00	24.39 -0.02 0.00	26.29 0.18 0.00	28.41 -0.03 0.00	30.78 -0.56 0.00	32.35 -0.63 0.00	34.66 -0.67 0.00	37.31 -0.49 0.00	40.69 0.20 0.00	43.09 -0.09 0.00	46.94 0.28 0.00	50.53 -0.93 0.00	59.38 -3.11 2.39	76.67 -4.19 3.03	77.30 -3.97 -3.47	62.67 -2.19 -2.33	49.75 -1.93 -2.16	48.65 -1.37 -1.11	45.33 -0.41 0.00	39.95 -0.16 0.00	36.53 0.58 0.00
WALDEN__HYDRO 24148	32.60 1.93 0.00	29.71 1.71 0.00	26.73 1.56 0.00	25.81 1.44 0.00	25.86 1.44 0.00	27.62 1.51 0.00	30.12 1.68 0.00	33.16 1.82 0.00	35.06 2.08 0.00	37.59 2.26 0.00	40.79 2.99 0.00	43.68 3.20 0.00	46.72 3.54 0.00	50.39 3.73 0.00	55.78 4.32 0.00	72.59 5.97 -1.73	96.85 7.97 -4.98	111.17 7.23 -26.14	93.71 5.57 -25.61	68.04 4.26 -14.26	59.59 4.01 -6.66	49.26 3.52 0.00	43.16 3.05 0.00	38.04 2.09 0.00
WARRENSBURG____ 23737	33.61 2.94 0.00	30.75 2.75 0.00	27.54 2.37 0.00	26.56 2.19 0.00	26.64 2.22 0.00	28.48 2.38 0.00	30.32 1.88 0.00	33.38 2.04 0.00	34.82 1.85 0.00	37.10 1.77 0.00	39.69 1.89 0.00	42.67 2.18 0.00	45.64 2.46 0.00	49.41 2.75 0.00	54.80 3.34 0.00	81.04 4.28 -11.87	114.46 6.46 -24.11	169.10 6.69 -84.62	236.84 6.06 -168.24	121.50 4.75 -67.24	83.97 4.80 -30.26	50.09 4.35 0.00	43.33 3.21 0.00	38.37 2.41 0.00
WATERSIDE____6 8 9 23538	33.09 2.42 0.00	30.07 2.07 0.00	27.08 1.91 0.00	26.05 1.68 0.00	26.15 1.73 0.00	27.85 1.75 0.00	30.46 2.02 0.00	33.76 2.41 0.00	35.78 2.80 0.00	38.43 3.11 0.01	41.77 3.97 0.00	44.61 4.13 0.00	47.58 4.40 0.01	48.37 4.48 2.77	44.27 5.04 12.23	72.42 7.07 -0.46	99.97 9.31 -6.76	108.81 8.32 -22.69	102.04 6.38 -33.13	69.35 4.65 -15.18	61.32 4.40 -8.00	49.73 3.98 -0.01	43.93 3.81 -0.01	38.69 2.73 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.09 0.43 0.00	28.36 0.36 0.00	25.50 0.33 0.00	24.68 0.32 0.00	24.73 0.32 0.00	26.49 0.39 0.00	28.89 0.46 0.00	31.82 0.47 0.00	33.47 0.49 0.00	35.90 0.57 0.00	38.52 0.72 0.00	41.25 0.77 0.00	44.04 0.86 0.00	47.59 0.93 0.00	52.46 0.93 -0.08	66.83 1.17 -0.78	86.99 1.43 -1.67	80.65 1.48 -1.37	64.09 1.19 -0.37	50.41 0.89 0.00	49.84 0.93 0.00	46.65 0.91 0.00	40.88 0.76 0.00	36.46 0.50 0.00
WATSON__69_KV_BK 1 55734	37.15 3.37 -3.11	35.99 2.94 -5.05	33.09 2.72 -5.20	28.22 2.53 -1.31	27.43 2.56 -0.45	28.77 2.66 0.00	31.43 2.99 0.00	36.40 3.32 -1.73	37.63 3.76 -0.89	38.97 3.64 0.00	42.60 4.80 0.00	49.04 5.42 -3.13	53.78 5.96 -4.64	61.47 6.11 -8.70	71.21 6.89 -12.86	104.65 9.67 -30.10	146.84 12.75 -50.19	174.42 11.59 -85.03	141.45 9.13 -69.78	85.53 6.93 -29.09	62.20 6.46 -6.83	56.41 5.90 -4.77	44.81 4.69 0.00	40.41 3.88 -0.57
WDELAWARE__HYD 323627	32.41 1.75 0.00	29.48 1.48 0.00	26.50 1.33 0.00	25.63 1.27 0.00	25.71 1.29 0.00	27.43 1.33 0.00	29.89 1.45 0.00	32.88 1.54 0.00	34.79 1.81 0.00	37.31 1.98 0.00	40.49 2.68 0.00	43.36 2.87 0.00	46.50 3.33 0.00	50.20 3.54 0.00	55.57 4.12 0.00	70.59 5.71 0.01	93.20 7.63 -1.67	104.99 7.00 -20.20	88.47 5.50 -20.43	66.71 4.26 -12.93	59.34 3.91 -6.51	49.08 3.34 0.00	42.92 2.81 0.00	38.08 2.12 0.00
WEST BABYLON__IC 23714	37.06 3.28 -3.11	35.94 2.88 -5.05	33.02 2.64 -5.20	28.14 2.46 -1.31	27.36 2.49 -0.45	28.71 2.61 0.00	31.34 2.90 0.00	36.33 3.26 -1.73	37.53 3.66 -0.89	38.90 3.57 0.00	42.45 4.65 0.00	49.07 5.22 -3.36	55.87 5.61 -7.08	65.71 5.79 -13.26	77.66 6.59 -19.62	111.76 9.28 -37.60	160.89 12.25 -64.75	185.52 11.12 -96.60	145.90 8.75 -74.61	89.09 6.63 -32.94	61.91 6.16 -6.83	56.17 5.67 -4.76	44.73 4.61 0.00	40.34 3.81 -0.57

WEST CANADA___HYD 24049	30.88 0.22 0.00	28.20 0.20 0.00	25.35 0.18 0.00	24.51 0.15 0.00	24.59 0.17 0.00	26.29 0.18 0.00	28.64 0.20 0.00	31.57 0.22 0.00	33.21 0.23 0.00	35.58 0.25 0.00	38.18 0.38 0.00	40.93 0.45 0.00	43.70 0.52 0.00	47.22 0.56 0.00	52.16 0.62 -0.08	66.44 0.78 -0.78	86.49 0.92 -1.67	80.10 0.94 -1.37	63.65 0.75 -0.36	50.11 0.60 0.00	49.50 0.59 0.00	46.29 0.55 0.00	40.60 0.48 0.00	36.28 0.32 0.00
WESTERN_NY_WIND 24143	31.31 0.64 0.00	28.28 0.28 0.00	25.42 0.25 0.00	24.68 0.32 0.00	24.63 0.22 0.00	26.57 0.47 0.00	28.75 0.31 0.00	31.28 -0.06 0.00	32.78 -0.20 0.00	35.02 -0.32 0.00	37.46 -0.34 0.00	40.85 0.36 0.00	43.48 0.30 0.00	47.36 0.70 0.00	51.04 -0.41 0.00	60.62 -1.82 2.44	77.92 -2.60 3.38	77.49 -2.26 -1.95	61.35 -1.19 0.00	48.54 -0.94 0.03	48.42 -0.49 0.00	46.01 0.27 0.00	40.36 0.24 0.00	36.82 0.86 0.00
WESTOVER___LESR 323668	31.28 0.61 0.00	28.45 0.45 0.00	25.57 0.40 0.00	24.78 0.41 0.00	24.78 0.37 0.00	26.57 0.47 0.00	28.92 0.48 0.00	31.82 0.47 0.00	33.44 0.46 0.00	35.99 0.53 -0.13	38.52 0.72 0.00	41.54 1.05 0.00	44.22 1.04 0.00	47.87 1.21 0.00	52.59 1.13 0.00	64.96 0.78 0.71	85.15 0.92 -0.34	86.13 0.93 -7.40	71.29 1.19 -7.56	55.04 0.84 -4.69	52.26 0.98 -2.37	47.02 1.19 -0.09	41.18 1.04 -0.03	36.75 0.79 0.00
WETHRSFD_WT_PWR 323626	30.97 0.31 0.00	28.03 0.03 0.00	25.20 0.03 0.00	24.47 0.10 0.00	24.39 -0.02 0.00	26.23 0.13 0.00	28.38 -0.06 0.00	30.84 -0.50 0.00	32.35 -0.63 0.00	34.84 -0.49 0.00	37.35 -0.45 0.00	40.48 0.00 0.00	42.88 -0.30 0.00	46.28 -0.37 0.00	50.07 -1.39 0.00	59.69 -3.11 2.08	77.27 -4.03 2.60	77.98 -3.73 -3.92	63.25 -1.94 -2.66	50.55 -1.44 -2.48	49.05 -1.12 -1.26	45.47 -0.27 0.00	40.20 0.08 0.00	36.57 0.61 0.00
WHAVSTOR_138KV_BK127 55557	32.60 1.93 0.00	29.71 1.71 0.00	26.76 1.59 0.00	25.81 1.44 0.00	25.86 1.44 0.00	27.62 1.51 0.00	30.09 1.65 0.00	33.16 1.82 0.00	35.06 2.08 0.00	37.56 2.23 0.00	40.79 2.99 0.00	43.68 3.20 0.00	46.68 3.50 0.00	50.30 3.64 0.00	55.67 4.22 0.00	73.16 5.84 -2.43	97.86 7.72 -6.25	112.56 6.92 -27.84	95.01 5.32 -27.16	67.94 4.01 -14.41	59.16 3.72 -6.53	49.08 3.34 0.00	43.08 2.97 0.00	37.94 1.98 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.60 1.93 0.00	29.71 1.71 0.00	26.76 1.59 0.00	25.81 1.44 0.00	25.86 1.44 0.00	27.62 1.51 0.00	30.09 1.65 0.00	33.16 1.82 0.00	35.06 2.08 0.00	37.56 2.23 0.00	40.79 2.99 0.00	43.68 3.20 0.00	46.68 3.50 0.00	50.30 3.64 0.00	55.67 4.22 0.00	73.16 5.84 -2.43	97.86 7.72 -6.25	112.56 6.92 -27.84	95.01 5.32 -27.16	67.94 4.01 -14.41	59.16 3.72 -6.53	49.08 3.34 0.00	43.08 2.97 0.00	37.94 1.98 0.00
WHITEHAL_115KV_TB1 80871	34.28 3.62 0.00	31.36 3.36 0.00	28.07 2.89 0.00	27.05 2.68 0.00	27.13 2.71 0.00	29.05 2.95 0.00	31.08 2.64 0.00	34.23 2.88 0.00	35.71 2.74 0.00	38.02 2.69 0.00	40.71 2.91 0.00	43.80 3.32 0.00	46.85 3.67 0.00	50.72 4.06 0.00	56.34 4.89 0.00	83.43 6.16 -12.38	117.72 8.81 -25.02	172.70 9.18 -85.73	239.38 8.07 -168.78	122.97 6.34 -67.12	85.42 6.46 -30.05	51.68 5.95 0.00	44.45 4.33 0.00	39.19 3.24 0.00
WHITEPLN_13_KV_LOAD 356215	33.21 2.55 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.17 1.80 0.00	26.27 1.86 0.00	28.09 1.98 0.00	30.69 2.25 0.00	33.98 2.63 0.00	35.95 2.97 0.00	38.51 3.18 0.00	41.92 4.12 0.00	44.90 4.41 0.00	47.97 4.79 0.00	51.74 5.09 0.00	57.27 5.81 0.00	75.68 8.11 -2.69	101.51 10.82 -6.79	117.06 9.80 -29.46	98.94 7.57 -28.84	70.35 5.69 -15.14	61.11 5.38 -6.82	50.40 4.67 0.00	44.21 4.09 0.00	38.91 2.95 0.00
WM_FLOYD_69_KV_BK2 356380	36.57 2.79 -3.11	35.46 2.41 -5.05	32.72 2.34 -5.20	27.87 2.19 -1.31	27.09 2.22 -0.45	28.35 2.24 0.00	30.97 2.53 0.00	35.83 2.76 -1.73	37.04 3.17 -0.89	38.34 3.00 0.00	41.92 4.12 0.00	48.29 4.78 -3.03	52.01 5.27 -3.56	58.80 5.46 -6.68	67.51 6.17 -9.88	100.50 8.82 -26.79	139.32 11.66 -43.76	168.38 10.66 -79.92	138.57 8.38 -67.66	83.24 6.34 -27.39	61.56 5.82 -6.83	55.62 5.12 -4.76	44.09 3.97 0.00	39.69 3.16 -0.57
WOODARD__115KV_TB2 355635	30.54 -0.12 0.00	27.83 -0.17 0.00	24.99 -0.18 0.00	24.22 -0.15 0.00	24.27 -0.15 0.00	25.95 -0.16 0.00	28.30 -0.14 0.00	31.19 -0.16 0.00	32.78 -0.20 0.00	35.37 -0.21 -0.24	37.69 -0.11 0.00	40.56 0.08 0.00	43.27 0.09 0.00	46.89 0.23 0.00	51.61 0.15 0.00	64.17 -0.06 0.65	84.36 -0.17 -0.63	79.71 -0.16 -2.07	62.60 0.06 0.00	49.46 -0.05 0.01	48.91 0.00 0.00	45.96 0.05 -0.18	40.17 0.00 -0.05	35.82 -0.14 0.00
YORK___WARBASSE 23770	33.27 2.61 0.00	30.21 2.21 0.00	27.21 2.04 0.00	26.12 1.75 0.00	26.22 1.81 0.00	27.90 1.80 0.00	30.52 2.08 0.00	33.85 2.51 0.00	35.91 2.94 0.00	38.71 3.32 -0.06	41.96 4.16 0.00	44.90 4.41 0.00	51.85 4.75 -3.92	70.78 4.76 -19.36	142.47 5.40 -85.61	90.79 7.53 -18.38	101.00 9.90 -7.21	164.37 8.95 -77.63	120.13 6.88 -50.71	69.70 5.00 -15.18	67.50 4.79 -13.79	67.38 4.35 -17.30	46.05 4.13 -1.80	38.91 2.95 0.00