

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										07/05/2024			
Generator Data																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1	24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		30.51	30.34	27.72	27.10	27.54	27.42	23.82	25.98	33.14	38.40	46.91	38.20	39.75	40.15	41.61	66.49	82.12	105.79	122.00	64.67	50.31	46.00	39.22	32.92
		1.96	1.80	1.45	1.31	1.30	1.34	1.53	1.91	2.35	2.69	2.70	3.03	3.38	3.57	3.73	6.07	7.58	9.52	6.62	3.72	3.72	3.45	2.89	2.43
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.12	-3.64	-12.83	-0.69	-0.48	-0.33	-0.38	0.00	0.00	0.00	-47.01	-17.12	0.00	0.00	-1.00	0.00
74TH STREET_GT_1	24260	30.59	30.42	27.80	27.18	27.64	27.51	23.88	26.01	33.18	38.46	46.98	38.29	39.85	40.26	41.73	66.62	82.26	106.04	122.14	64.77	50.43	46.11	39.32	32.99
		2.04	1.89	1.53	1.39	1.39	1.42	1.59	1.94	2.39	2.75	2.78	3.12	3.49	3.68	3.84	6.20	7.71	9.77	6.77	3.83	3.84	3.56	2.99	2.50
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.12	-3.64	-12.82	-0.69	-0.48	-0.33	-0.38	0.00	0.00	0.00	-47.00	-17.11	0.00	0.00	-1.00	0.00
74TH STREET_GT_2	24261	30.59	30.42	27.80	27.18	27.64	27.51	23.88	26.01	33.18	38.46	46.98	38.29	39.85	40.26	41.73	66.62	82.26	106.04	122.14	64.77	50.43	46.11	39.32	32.99
		2.04	1.89	1.53	1.39	1.39	1.42	1.59	1.94	2.39	2.75	2.78	3.12	3.49	3.68	3.84	6.20	7.71	9.77	6.77	3.83	3.84	3.56	2.99	2.50
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.12	-3.64	-12.82	-0.69	-0.48	-0.33	-0.38	0.00	0.00	0.00	-47.00	-17.11	0.00	0.00	-1.00	0.00
ADK HUDSON__FALLS	24011	30.53	30.35	27.81	27.32	27.80	27.65	23.79	25.78	30.78	34.66	35.13	35.85	37.63	38.10	39.24	64.18	79.25	103.44	81.98	48.58	50.77	46.07	38.16	32.81
		1.98	1.81	1.54	1.53	1.55	1.56	1.50	1.71	1.78	2.02	1.77	2.05	2.22	2.17	2.12	3.76	4.70	7.18	5.40	3.85	4.19	3.52	2.83	2.32
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.56	-1.98	0.67	0.47	0.32	0.37	0.00	0.00	0.00	-8.21	-0.90	0.00	0.00	0.00	0.00
ADK RESOURCE__RCVRY	23798	30.85	30.63	28.02	27.56	28.04	27.89	24.02	26.03	30.98	34.91	35.34	36.14	37.94	38.39	39.52	64.75	79.97	104.61	82.65	49.06	51.32	46.49	38.50	33.13
		2.30	2.10	1.75	1.77	1.79	1.80	1.72	1.96	1.98	2.28	2.00	2.33	2.53	2.46	2.39	4.33	5.42	8.34	6.10	4.34	4.73	3.94	3.17	2.65
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.56	-1.97	0.67	0.46	0.32	0.37	0.00	0.00	0.00	-8.17	-0.89	0.00	0.00	0.00	0.00
ADK S GLENS__FALLS	24028	30.53	30.35	27.81	27.32	27.80	27.65	23.79	25.78	30.78	34.66	35.13	35.85	37.63	38.10	39.24	64.18	79.25	103.44	81.98	48.58	50.77	46.07	38.16	32.81
		1.98	1.81	1.54	1.53	1.55	1.56	1.50	1.71	1.78	2.02	1.77	2.05	2.22	2.17	2.12	3.76	4.70	7.18	5.40	3.85	4.19	3.52	2.83	2.32
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.56	-1.98	0.67	0.47	0.32	0.37	0.00	0.00	0.00	-8.21	-0.90	0.00	0.00	0.00	0.00
ADK_NYS__DAM	23527	29.81	29.87	27.50	27.02	27.49	27.34	23.49	25.38	30.37	33.98	34.88	34.11	36.01	36.78	37.85	62.10	76.35	99.93	81.82	47.15	48.93	44.48	36.92	31.83
		1.26	1.33	1.23	1.24	1.25	1.25	1.20	1.31	1.30	1.21	1.06	1.09	1.14	1.23	1.17	1.68	1.80	3.67	2.85	2.16	2.34	1.92	1.59	1.35
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-0.69	-2.45	1.46	1.02	0.70	0.81	0.00	0.00	0.00	-10.60	-1.16	0.00	0.00	0.00	0.00
AIR_PRODUCTS__DRP	24190	28.86	28.82	26.48	26.00	26.47	26.29	22.69	24.54	29.43	33.05	33.79	34.20	35.84	36.44	37.64	61.15	75.18	97.55	78.01	45.46	47.28	43.11	35.79	30.90
		0.31	0.28	0.20	0.21	0.23	0.21	0.39	0.47	0.42	0.37	0.31	0.29	0.35	0.46	0.46	0.73	0.63	1.28	1.00	0.69	0.70	0.56	0.46	0.41
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-0.60	-2.11	0.57	0.39	0.27	0.31	0.00	0.00	0.00	-8.64	-0.94	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	355683	28.15	28.11	26.02	25.57	26.02	25.89	21.91	23.65	28.17	31.42	30.77	33.76	34.98	35.24	36.55	58.92	72.81	94.14	66.84	42.90	45.61	41.76	34.70	30.05
		-0.40	-0.42	-0.26	-0.22	-0.22	-0.20	-0.39	-0.42	-0.49	-0.66	-0.61	-0.71	-0.90	-1.01	-0.94	-1.50	-1.73	-2.13	-1.53	-0.93	-0.98	-0.80	-0.63	-0.43
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	323833	29.50	29.46	27.04	26.56	27.04	26.82	23.06	24.89	29.78	33.34	33.89	34.57	36.18	36.80	38.31	62.14	76.18	98.74	77.63	46.08	48.24	43.98	36.53	31.56
		0.95	0.93	0.77	0.77	0.80	0.74	0.77	0.82	0.81	0.74	0.66	0.46	0.55	0.72	1.02	1.72	1.64	2.48	1.98	1.46	1.66	1.43	1.21	1.08
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.53	-1.86	0.37	0.26	0.18	0.20	0.00	0.00	0.00	-7.28	-0.80	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	323834	29.49	29.45	27.04	26.56	27.04	26.82	23.05	24.88	29.78	33.32	33.88	34.56	36.17	36.79	38.29	62.11	76.16	98.68	77.63	46.07	48.22	43.97	36.52	31.56
		0.94	0.92	0.76	0.77	0.79	0.73	0.76	0.82	0.80	0.72	0.65	0.46	0.54	0.71	1.00	1.69	1.61	2.42	1.97	1.45	1.63	1.42	1.19	1.07
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.53	-1.86	0.37	0.26	0.18	0.20	0.00	0.00	0.00	-7.29	-0.80	0.00	0.00	0.00	0.00
ALBANY__1	23571	28.86	28.82	26.48	26.00	26.47	26.29	22.69	24.54	29.43	33.05	33.79	34.20	35.84	36.44	37.64	61.15	75.18	97.55	78.01	45.46	47.28	43.11	35.79	30.90
		0.31	0.28	0.20	0.21	0.23	0.21	0.39	0.47	0.42	0.37	0.31	0.29	0.35	0.46	0.46	0.73	0.63	1.28	1.00	0.69	0.70	0.56	0.46	0.41
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-0.60	-2.11	0.57	0.39	0.27	0.31	0.00	0.00	0.00	-8.64	-0.94	0.00	0.00	0.00	0.00

ALBANY___2 23572	28.86 0.31 0.00	28.82 0.28 0.00	26.48 0.20 0.00	26.00 0.21 0.00	26.47 0.23 0.00	26.29 0.21 0.00	22.69 0.39 0.00	24.54 0.47 0.00	29.43 0.42 -0.35	33.05 0.37 -0.60	33.79 0.31 -2.11	34.20 0.29 0.57	35.84 0.35 0.39	36.44 0.46 0.27	37.64 0.46 0.31	61.15 0.73 0.00	75.18 0.63 0.00	97.55 1.28 0.00	78.01 1.00 -8.64	45.46 0.69 -0.94	47.28 0.70 0.00	43.11 0.56 0.00	35.79 0.46 0.00	30.90 0.41 0.00
ALBANY___3 23573	28.86 0.31 0.00	28.82 0.28 0.00	26.48 0.20 0.00	26.00 0.21 0.00	26.47 0.23 0.00	26.29 0.21 0.00	22.69 0.39 0.00	24.54 0.47 0.00	29.43 0.42 -0.35	33.05 0.37 -0.60	33.79 0.31 -2.11	34.20 0.29 0.57	35.84 0.35 0.39	36.44 0.46 0.27	37.64 0.46 0.31	61.15 0.73 0.00	75.18 0.63 0.00	97.55 1.28 0.00	78.01 1.00 -8.64	45.46 0.69 -0.94	47.28 0.70 0.00	43.11 0.56 0.00	35.79 0.46 0.00	30.90 0.41 0.00
ALBANY___4 23574	28.86 0.31 0.00	28.82 0.28 0.00	26.48 0.20 0.00	26.00 0.21 0.00	26.47 0.23 0.00	26.29 0.21 0.00	22.69 0.39 0.00	24.54 0.47 0.00	29.43 0.42 -0.35	33.05 0.37 -0.60	33.79 0.31 -2.11	34.20 0.29 0.57	35.84 0.35 0.39	36.44 0.46 0.27	37.64 0.46 0.31	61.15 0.73 0.00	75.18 0.63 0.00	97.55 1.28 0.00	78.01 1.00 -8.64	45.46 0.69 -0.94	47.28 0.70 0.00	43.11 0.56 0.00	35.79 0.46 0.00	30.90 0.41 0.00
ALBANY___LFGE 323615	29.21 0.66 0.00	29.17 0.64 0.00	26.80 0.53 0.00	26.32 0.53 0.00	26.80 0.55 0.00	26.61 0.53 0.00	22.95 0.66 0.00	24.83 0.76 0.00	29.81 0.79 -0.35	33.48 0.81 -0.59	34.24 0.77 -2.09	34.68 0.82 0.62	36.35 0.89 0.43	36.98 1.02 0.29	38.20 1.04 0.34	62.07 1.65 0.00	76.33 1.79 0.00	99.00 2.74 0.00	79.04 2.03 -8.64	46.14 1.37 -0.94	47.98 1.40 0.00	43.73 1.18 0.00	36.29 0.96 0.00	31.31 0.82 0.00
ALCOA_PA_115KV_PL-6C 55860	28.07 -0.48 0.00	28.03 -0.51 0.00	25.94 -0.34 0.00	25.49 -0.30 0.00	25.95 -0.30 0.00	25.81 -0.27 0.00	21.84 -0.45 0.00	23.59 -0.48 0.00	28.09 -0.58 0.00	31.29 -0.78 0.00	30.66 -0.71 0.00	33.66 -0.82 0.00	34.85 -1.03 0.00	35.13 -1.13 0.00	36.44 -1.06 0.00	58.74 -1.68 0.00	72.59 -1.96 0.00	93.95 -2.32 0.00	66.75 -1.63 0.00	42.86 -0.97 0.00	45.59 -0.99 0.00	41.74 -0.81 0.00	34.68 -0.64 0.00	30.02 -0.46 0.00
ALCOA_RYNLDS___DRP 24188	28.07 -0.48 0.00	28.03 -0.51 0.00	25.94 -0.34 0.00	25.49 -0.30 0.00	25.95 -0.30 0.00	25.81 -0.27 0.00	21.84 -0.45 0.00	23.59 -0.48 0.00	28.09 -0.58 0.00	31.29 -0.78 0.00	30.66 -0.71 0.00	33.66 -0.82 0.00	34.85 -1.03 0.00	35.13 -1.13 0.00	36.44 -1.06 0.00	58.74 -1.68 0.00	72.59 -1.96 0.00	93.95 -2.32 0.00	66.75 -1.63 0.00	42.86 -0.97 0.00	45.59 -0.99 0.00	41.74 -0.81 0.00	34.68 -0.64 0.00	30.02 -0.46 0.00
ALCOA___DSASP 323711	28.07 -0.48 0.00	28.03 -0.51 0.00	25.94 -0.34 0.00	25.49 -0.30 0.00	25.95 -0.30 0.00	25.81 -0.27 0.00	21.84 -0.45 0.00	23.59 -0.48 0.00	28.09 -0.58 0.00	31.29 -0.78 0.00	30.66 -0.71 0.00	33.66 -0.82 0.00	34.85 -1.03 0.00	35.13 -1.13 0.00	36.44 -1.06 0.00	58.75 -1.67 0.00	72.59 -1.96 0.00	93.95 -2.32 0.00	66.74 -1.63 0.00	42.86 -0.97 0.00	45.59 -0.99 0.00	41.74 -0.81 0.00	34.68 -0.64 0.00	30.02 -0.46 0.00
ALLEGHENY___COGEN 23514	30.38 1.82 0.00	30.12 1.58 0.00	27.32 1.04 0.00	26.66 0.87 0.00	27.07 0.83 0.00	26.98 0.90 0.00	23.24 0.94 0.00	25.07 1.01 0.00	29.97 1.31 0.00	33.70 1.63 0.00	32.64 1.27 0.00	36.05 1.57 0.00	36.69 0.81 0.00	36.70 0.46 0.00	38.12 0.62 0.00	61.34 0.92 0.00	76.18 1.64 0.00	97.91 1.65 0.00	69.96 1.59 0.00	45.23 1.40 0.00	48.09 1.51 0.00	43.89 1.33 0.00	37.18 1.86 0.00	32.22 1.73 0.00
ALTAMONT_115KV_TB 2 55880	29.22 0.67 0.00	29.17 0.64 0.00	26.78 0.51 0.00	26.29 0.51 0.00	26.77 0.53 0.00	26.59 0.51 0.00	22.88 0.58 0.00	24.75 0.68 0.00	29.73 0.73 -0.33	33.42 0.77 -0.57	34.11 0.71 -2.02	34.86 0.76 0.38	36.46 0.83 0.26	37.01 0.94 0.18	38.22 0.94 0.21	61.90 1.48 0.00	76.20 1.66 0.00	98.67 2.40 0.00	78.25 1.78 -8.10	45.91 1.20 -0.89	47.85 1.27 0.00	43.66 1.10 0.00	36.24 0.92 0.00	31.27 0.79 0.00
ALTONA_WT_PWR 323606	28.70 0.15 0.00	28.66 0.13 0.00	26.31 0.04 0.00	25.92 0.13 0.00	26.44 0.20 0.00	26.38 0.29 0.00	22.44 0.14 0.00	24.25 0.18 0.00	28.80 0.14 0.00	32.09 0.02 0.00	31.47 0.09 0.00	34.57 0.09 0.00	35.84 -0.05 0.00	36.16 -0.09 0.00	37.28 -0.22 0.00	60.45 0.02 0.00	74.76 0.22 0.00	96.86 0.59 0.00	68.80 0.43 0.00	44.19 0.36 0.00	46.98 0.40 0.00	42.84 0.29 0.00	35.56 0.23 0.00	30.69 0.20 0.00
AMERICAN_REF_FUEL 24010	28.12 -0.43 0.00	27.87 -0.67 0.00	25.20 -1.07 0.00	24.58 -1.20 0.00	24.93 -1.32 0.00	24.84 -1.24 0.00	21.31 -0.99 0.00	22.77 -1.30 0.00	27.31 -1.35 0.00	31.07 -1.01 0.00	30.90 -0.47 0.00	34.12 -0.36 0.00	35.30 -0.58 0.00	35.04 -1.21 0.00	36.16 -1.34 0.00	58.19 -2.24 0.00	72.05 -2.50 0.00	90.66 -5.61 0.00	64.02 -4.35 0.00	41.24 -2.59 0.00	43.84 -2.75 0.00	40.07 -2.48 0.00	33.37 -1.95 0.00	29.30 -1.19 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.51 0.96 0.00	29.28 0.74 0.00	26.43 0.15 0.00	25.68 -0.11 0.00	26.08 -0.16 0.00	26.00 -0.09 0.00	22.36 0.06 0.00	24.09 0.02 0.00	28.88 0.21 0.00	33.00 0.92 0.00	32.66 1.28 0.00	36.32 1.84 0.00	37.85 1.96 0.00	37.82 1.57 0.00	39.02 1.52 0.00	62.99 2.56 0.00	78.00 3.45 -0.01	97.90 1.63 -0.01	69.06 0.69 -0.01	44.30 0.47 0.00	47.02 0.44 0.00	42.83 0.28 0.00	35.55 0.22 0.00	30.79 0.30 0.00
ARTHUR KILL_GT_1 23520	30.39 1.84 0.00	30.24 1.70 0.00	27.62 1.35 0.00	26.99 1.20 0.00	27.39 1.15 0.00	27.24 1.16 0.00	23.64 1.34 0.00	25.69 1.62 0.00	32.75 1.97 -2.12	37.95 2.25 -3.63	37.37 2.26 -3.73	37.63 2.47 -0.69	39.16 2.87 -0.40	39.39 3.04 -0.10	41.09 3.21 -0.38	65.65 5.23 0.00	80.98 6.45 0.01	104.72 8.45 0.00	121.20 5.83 -47.00	64.22 3.28 -17.11	49.89 3.31 0.00	45.67 3.11 0.00	38.96 2.64 -1.01	41.08 2.24 -8.36
ARTHUR_KILL_2 23512	30.28 1.73 0.00	30.13 1.59 0.00	27.53 1.25 0.00	26.90 1.11 0.00	27.30 1.06 0.00	27.16 1.07 0.00	23.56 1.26 0.00	25.61 1.54 0.00	32.65 1.86 -2.12	37.84 2.13 -3.63	37.26 2.15 -3.73	37.51 2.34 -0.69	39.00 2.72 -0.40	39.24 2.88 -0.10	40.93 3.05 -0.38	65.36 4.95 0.00	80.64 6.10 0.01	104.25 7.98 0.00	120.89 5.52 -47.00	64.02 3.07 -17.11	49.67 3.09 0.00	45.47 2.92 0.00	38.80 2.47 -1.01	40.94 2.11 -8.36
ARTHUR_KILL_3 23513	30.22 1.67 0.00	30.07 1.53 0.00	27.48 1.21 0.00	26.86 1.07 0.00	27.30 1.05 0.00	27.16 1.08 0.00	23.58 1.29 0.00	25.68 1.61 0.00	32.76 1.98 -2.12	37.97 2.26 -3.64	46.48 2.28 -12.83	37.71 2.54 -0.69	39.16 2.87 -0.41	39.66 3.07 -0.33	41.09 3.21 -0.38	65.65 5.24 0.00	81.04 6.50 0.00	104.50 8.23 0.00	121.09 5.71 -47.01	64.12 3.17 -17.11	49.73 3.14 0.00	45.53 2.98 0.00	38.86 2.53 -1.00	38.97 2.15 -6.33

ARTHUR_KILL_COGEN 323718	30.39 1.84 0.00	30.24 1.70 0.00	27.62 1.35 0.00	26.99 1.20 0.00	27.39 1.15 0.00	27.24 1.16 0.00	23.64 1.34 0.00	25.69 1.62 0.00	32.75 1.97 -2.12	37.95 2.25 -3.63	37.37 2.26 -3.73	37.63 2.47 -0.69	39.16 2.87 -0.40	39.39 3.04 -0.10	41.09 3.21 -0.38	65.65 5.23 0.00	80.98 6.45 0.01	104.72 8.45 0.00	121.20 5.83 -47.00	64.22 3.28 -17.11	49.89 3.31 0.00	45.67 3.11 0.00	38.96 2.64 -1.01	41.08 2.24 -8.36
ASHOKAN____ 23654	30.36 1.81 0.00	30.21 1.67 0.00	27.65 1.38 0.00	27.13 1.34 0.00	27.59 1.35 0.00	27.41 1.33 0.00	23.65 1.36 0.00	25.69 1.62 0.00	30.58 1.92 0.00	34.16 2.09 0.00	33.38 2.00 0.00	36.67 2.20 0.00	38.20 2.32 0.00	38.77 2.51 0.00	40.48 2.98 0.00	65.44 5.02 0.00	80.07 5.53 0.00	103.20 6.94 0.00	73.46 5.09 0.00	47.13 3.30 0.00	50.11 3.53 0.00	45.66 3.11 0.00	37.79 2.47 0.00	32.51 2.02 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.33 1.78 0.00	30.21 1.68 0.00	27.60 1.33 0.00	26.94 1.15 0.00	27.35 1.11 0.00	27.24 1.16 0.00	23.73 1.43 0.00	25.77 1.69 0.00	32.83 2.05 -2.12	37.98 2.28 -3.63	46.48 2.29 -12.81	37.69 2.52 -0.69	39.25 2.89 -0.47	39.62 3.05 -0.32	41.08 3.21 -0.38	65.63 5.21 0.01	80.98 6.44 0.00	104.54 8.28 0.00	121.08 5.71 -47.00	64.20 3.26 -17.11	49.83 3.24 0.00	45.55 3.00 0.00	38.88 2.55 -1.00	32.58 2.10 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.34 1.79 0.00	30.22 1.68 0.00	27.60 1.33 0.00	26.94 1.15 0.00	27.35 1.11 0.00	27.24 1.16 0.00	23.73 1.44 0.00	25.77 1.69 0.00	32.83 2.05 -2.12	37.98 2.28 -3.63	46.48 2.29 -12.81	37.69 2.52 -0.69	39.25 2.89 -0.47	39.62 3.05 -0.32	41.08 3.21 -0.38	65.63 5.21 0.01	80.98 6.44 0.00	104.54 8.28 0.00	121.08 5.70 -47.00	64.20 3.26 -17.11	49.83 3.24 0.00	45.55 3.00 0.00	38.88 2.55 -1.00	32.58 2.10 0.00
ASTORIA_GT2_1 24094	30.35 1.80 0.00	30.22 1.69 0.00	27.61 1.34 0.00	26.95 1.16 0.00	27.36 1.11 0.00	27.25 1.17 0.00	23.74 1.45 0.00	25.78 1.70 0.00	32.85 2.06 -2.12	38.01 2.30 -3.64	46.50 2.31 -12.82	37.71 2.54 -0.69	39.27 2.90 -0.48	39.65 3.07 -0.33	41.10 3.22 -0.38	65.68 5.25 0.00	81.05 6.51 0.00	104.59 8.33 0.00	121.12 5.75 -47.00	64.22 3.28 -17.11	49.85 3.27 0.00	45.57 3.02 0.00	38.90 2.57 -1.00	32.60 2.12 0.00
ASTORIA_GT2_2 24095	30.35 1.80 0.00	30.22 1.69 0.00	27.61 1.34 0.00	26.95 1.16 0.00	27.36 1.11 0.00	27.25 1.17 0.00	23.74 1.45 0.00	25.78 1.70 0.00	32.85 2.06 -2.12	38.01 2.30 -3.64	46.50 2.31 -12.82	37.71 2.54 -0.69	39.27 2.90 -0.48	39.65 3.07 -0.33	41.10 3.22 -0.38	65.68 5.25 0.00	81.05 6.51 0.00	104.59 8.33 0.00	121.12 5.75 -47.00	64.22 3.28 -17.11	49.85 3.27 0.00	45.57 3.02 0.00	38.90 2.57 -1.00	32.60 2.12 0.00
ASTORIA_GT2_3 24096	30.35 1.80 0.00	30.22 1.69 0.00	27.61 1.34 0.00	26.95 1.16 0.00	27.36 1.11 0.00	27.25 1.17 0.00	23.74 1.45 0.00	25.78 1.70 0.00	32.85 2.06 -2.12	38.01 2.30 -3.64	46.50 2.31 -12.82	37.71 2.54 -0.69	39.27 2.90 -0.48	39.65 3.07 -0.33	41.10 3.22 -0.38	65.68 5.25 0.00	81.05 6.51 0.00	104.59 8.33 0.00	121.12 5.75 -47.00	64.22 3.28 -17.11	49.85 3.27 0.00	45.57 3.02 0.00	38.90 2.57 -1.00	32.60 2.12 0.00
ASTORIA_GT2_4 24097	30.35 1.80 0.00	30.22 1.69 0.00	27.61 1.34 0.00	26.95 1.16 0.00	27.36 1.11 0.00	27.25 1.17 0.00	23.74 1.45 0.00	25.78 1.70 0.00	32.85 2.06 -2.12	38.01 2.30 -3.64	46.50 2.31 -12.82	37.71 2.54 -0.69	39.27 2.90 -0.48	39.65 3.07 -0.33	41.10 3.22 -0.38	65.68 5.25 0.00	81.05 6.51 0.00	104.59 8.33 0.00	121.12 5.75 -47.00	64.22 3.28 -17.11	49.85 3.27 0.00	45.57 3.02 0.00	38.90 2.57 -1.00	32.60 2.12 0.00
ASTORIA_GT3_1 24098	30.35 1.80 0.00	30.23 1.70 0.00	27.62 1.34 0.00	26.95 1.16 0.00	27.36 1.11 0.00	27.25 1.17 0.00	23.74 1.45 0.00	25.78 1.70 0.00	32.85 2.06 -2.12	38.01 2.30 -3.64	46.50 2.31 -12.82	37.71 2.54 -0.69	39.27 2.90 -0.48	39.65 3.07 -0.33	41.10 3.22 -0.38	65.68 5.25 0.00	81.05 6.51 0.00	104.59 8.33 0.00	121.12 5.75 -47.00	64.22 3.28 -17.11	49.85 3.27 0.00	45.57 3.02 0.00	38.90 2.57 -1.00	32.60 2.12 0.00
ASTORIA_GT3_2 24099	30.35 1.80 0.00	30.23 1.70 0.00	27.62 1.34 0.00	26.95 1.16 0.00	27.36 1.11 0.00	27.25 1.17 0.00	23.74 1.45 0.00	25.78 1.70 0.00	32.85 2.06 -2.12	38.01 2.30 -3.64	46.50 2.31 -12.82	37.71 2.54 -0.69	39.27 2.90 -0.48	39.65 3.07 -0.33	41.10 3.22 -0.38	65.68 5.25 0.00	81.05 6.51 0.00	104.59 8.33 0.00	121.12 5.75 -47.00	64.22 3.28 -17.11	49.85 3.27 0.00	45.57 3.02 0.00	38.90 2.57 -1.00	32.60 2.12 0.00
ASTORIA_GT3_3 24100	30.35 1.80 0.00	30.23 1.70 0.00	27.62 1.34 0.00	26.95 1.16 0.00	27.36 1.11 0.00	27.25 1.17 0.00	23.74 1.45 0.00	25.78 1.70 0.00	32.85 2.06 -2.12	38.01 2.30 -3.64	46.50 2.31 -12.82	37.71 2.54 -0.69	39.27 2.90 -0.48	39.65 3.07 -0.33	41.10 3.22 -0.38	65.68 5.25 0.00	81.05 6.51 0.00	104.59 8.33 0.00	121.12 5.75 -47.00	64.22 3.28 -17.11	49.85 3.27 0.00	45.57 3.02 0.00	38.90 2.57 -1.00	32.60 2.12 0.00
ASTORIA_GT3_4 24101	30.35 1.80 0.00	30.23 1.70 0.00	27.62 1.34 0.00	26.95 1.16 0.00	27.36 1.11 0.00	27.25 1.17 0.00	23.74 1.45 0.00	25.78 1.70 0.00	32.85 2.06 -2.12	38.01 2.30 -3.64	46.50 2.31 -12.82	37.71 2.54 -0.69	39.27 2.90 -0.48	39.65 3.07 -0.33	41.10 3.22 -0.38	65.68 5.25 0.00	81.05 6.51 0.00	104.59 8.33 0.00	121.12 5.75 -47.00	64.22 3.28 -17.11	49.85 3.27 0.00	45.57 3.02 0.00	38.90 2.57 -1.00	32.60 2.12 0.00
ASTORIA_GT4_1 24102	30.35 1.80 0.00	30.23 1.70 0.00	27.62 1.34 0.00	26.95 1.16 0.00	27.36 1.11 0.00	27.25 1.17 0.00	23.74 1.45 0.00	25.78 1.70 0.00	32.85 2.06 -2.12	38.01 2.30 -3.64	46.50 2.31 -12.82	37.71 2.54 -0.69	39.27 2.90 -0.48	39.65 3.07 -0.33	41.10 3.22 -0.38	65.68 5.25 0.00	81.05 6.51 0.00	104.59 8.33 0.00	121.12 5.75 -47.00	64.22 3.28 -17.11	49.85 3.27 0.00	45.57 3.02 0.00	38.90 2.57 -1.00	32.60 2.12 0.00
ASTORIA_GT4_2 24103	30.35 1.80 0.00	30.23 1.70 0.00	27.62 1.34 0.00	26.95 1.16 0.00	27.36 1.11 0.00	27.25 1.17 0.00	23.74 1.45 0.00	25.78 1.70 0.00	32.85 2.06 -2.12	38.01 2.30 -3.64	46.50 2.31 -12.82	37.71 2.54 -0.69	39.27 2.90 -0.48	39.65 3.07 -0.33	41.10 3.22 -0.38	65.68 5.25 0.00	81.05 6.51 0.00	104.59 8.33 0.00	121.12 5.75 -47.00	64.22 3.28 -17.11	49.85 3.27 0.00	45.57 3.02 0.00	38.90 2.57 -1.00	32.60 2.12 0.00
ASTORIA_GT4_3 24104	30.35 1.80 0.00	30.23 1.70 0.00	27.62 1.34 0.00	26.95 1.16 0.00	27.36 1.11 0.00	27.25 1.17 0.00	23.74 1.45 0.00	25.78 1.70 0.00	32.85 2.06 -2.12	38.01 2.30 -3.64	46.50 2.31 -12.82	37.71 2.54 -0.69	39.27 2.90 -0.48	39.65 3.07 -0.33	41.10 3.22 -0.38	65.68 5.25 0.00	81.05 6.51 0.00	104.59 8.33 0.00	121.12 5.75 -47.00	64.22 3.28 -17.11	49.85 3.27 0.00	45.57 3.02 0.00	38.90 2.57 -1.00	32.60 2.12 0.00

ASTORIA_GT4_4 24105	30.35 1.80 0.00	30.23 1.70 0.00	27.62 1.34 0.00	26.95 1.16 0.00	27.36 1.11 0.00	27.25 1.17 0.00	23.74 1.45 0.00	25.78 1.70 0.00	32.85 2.06 -2.12	38.01 2.30 -3.64	46.50 2.31 -12.82	37.71 2.54 -0.69	39.27 2.90 -0.48	39.65 3.07 -0.33	41.10 3.22 -0.38	65.68 5.25 0.00	81.05 6.51 0.00	104.59 8.33 0.00	121.12 5.75 -47.00	64.22 3.28 -17.11	49.85 3.27 0.00	45.57 3.02 0.00	38.90 2.57 -1.00	32.60 2.12 0.00
ASTORIA_GT_1 23523	30.41 1.86 0.00	30.29 1.76 0.00	27.67 1.40 0.00	27.00 1.21 0.00	27.43 1.18 0.00	27.31 1.23 0.00	23.79 1.50 0.00	25.83 1.76 0.00	32.92 2.14 -2.12	38.09 2.39 -3.63	46.59 2.40 -12.81	37.80 2.64 -0.69	39.39 3.03 -0.47	39.76 3.18 -0.32	41.23 3.35 -0.38	65.87 5.46 0.01	81.28 6.73 0.00	104.91 8.64 0.00	121.34 5.97 -47.00	64.36 3.42 -17.11	49.98 3.40 0.00	45.69 3.14 0.00	38.99 2.66 -1.00	32.68 2.19 0.00
ASTORIA_GT_10 24110	30.35 1.80 0.00	30.19 1.66 0.00	27.60 1.32 0.00	26.97 1.18 0.00	27.41 1.16 0.00	27.29 1.21 0.00	23.71 1.42 0.00	25.80 1.73 0.00	32.90 2.11 -2.12	38.10 2.39 -3.64	46.60 2.40 -12.82	37.83 2.66 -0.69	39.38 3.02 -0.48	39.76 3.18 -0.33	41.22 3.34 -0.38	65.82 5.40 0.00	81.25 6.71 0.00	104.81 8.54 0.00	121.26 5.88 -47.00	64.22 3.28 -17.11	49.87 3.28 0.00	45.62 3.06 0.00	38.92 2.59 -1.00	32.65 2.17 0.00
ASTORIA_GT_11 24225	30.35 1.80 0.00	30.19 1.66 0.00	27.60 1.32 0.00	26.97 1.18 0.00	27.41 1.16 0.00	27.29 1.21 0.00	23.71 1.42 0.00	25.80 1.73 0.00	32.90 2.11 -2.12	38.10 2.39 -3.64	46.60 2.40 -12.82	37.83 2.66 -0.69	39.38 3.02 -0.48	39.76 3.18 -0.33	41.22 3.34 -0.38	65.82 5.40 0.00	81.25 6.71 0.00	104.81 8.54 0.00	121.26 5.88 -47.00	64.22 3.28 -17.11	49.87 3.28 0.00	45.62 3.06 0.00	38.92 2.59 -1.00	32.65 2.17 0.00
ASTORIA_GT_12 24226	30.35 1.80 0.00	30.19 1.66 0.00	27.60 1.32 0.00	26.97 1.18 0.00	27.41 1.16 0.00	27.29 1.21 0.00	23.71 1.42 0.00	25.80 1.73 0.00	32.90 2.11 -2.12	38.10 2.39 -3.64	46.60 2.40 -12.82	37.83 2.66 -0.69	39.38 3.02 -0.48	39.76 3.18 -0.33	41.22 3.34 -0.38	65.82 5.40 0.00	81.25 6.71 0.00	104.81 8.54 0.00	121.26 5.88 -47.00	64.22 3.28 -17.11	49.87 3.28 0.00	45.62 3.06 0.00	38.92 2.59 -1.00	32.65 2.17 0.00
ASTORIA_GT_13 24227	30.35 1.80 0.00	30.19 1.66 0.00	27.60 1.32 0.00	26.97 1.18 0.00	27.41 1.16 0.00	27.29 1.21 0.00	23.71 1.42 0.00	25.80 1.73 0.00	32.90 2.11 -2.12	38.10 2.39 -3.64	46.60 2.40 -12.82	37.83 2.66 -0.69	39.38 3.02 -0.48	39.76 3.18 -0.33	41.22 3.34 -0.38	65.82 5.40 0.00	81.25 6.71 0.00	104.81 8.54 0.00	121.26 5.88 -47.00	64.22 3.28 -17.11	49.87 3.28 0.00	45.62 3.06 0.00	38.92 2.59 -1.00	32.65 2.17 0.00
ASTORIA_GT_5 24106	30.41 1.86 0.00	30.29 1.76 0.00	27.67 1.40 0.00	27.00 1.21 0.00	27.43 1.18 0.00	27.31 1.23 0.00	23.79 1.50 0.00	25.83 1.76 0.00	32.92 2.14 -2.12	38.10 2.39 -3.64	46.60 2.40 -12.82	37.81 2.64 -0.69	39.40 3.03 -0.48	39.76 3.18 -0.33	41.23 3.35 -0.38	65.88 5.46 0.00	81.28 6.74 0.00	104.91 8.64 0.00	121.34 5.97 -47.00	64.36 3.42 -17.11	49.99 3.41 0.00	45.69 3.14 0.00	38.99 2.66 -1.00	32.68 2.20 0.00
ASTORIA_GT_7 24107	30.41 1.86 0.00	30.29 1.76 0.00	27.67 1.40 0.00	27.00 1.21 0.00	27.43 1.18 0.00	27.31 1.23 0.00	23.79 1.50 0.00	25.83 1.76 0.00	32.92 2.14 -2.12	38.10 2.39 -3.64	46.60 2.40 -12.82	37.81 2.64 -0.69	39.40 3.03 -0.48	39.76 3.18 -0.33	41.23 3.35 -0.38	65.88 5.46 0.00	81.28 6.74 0.00	104.91 8.64 0.00	121.34 5.97 -47.00	64.36 3.42 -17.11	49.99 3.41 0.00	45.69 3.14 0.00	38.99 2.66 -1.00	32.68 2.20 0.00
ASTORIA_GT_8 24108	30.41 1.86 0.00	30.29 1.76 0.00	27.67 1.40 0.00	27.00 1.21 0.00	27.43 1.18 0.00	27.31 1.23 0.00	23.79 1.50 0.00	25.83 1.76 0.00	32.92 2.14 -2.12	38.10 2.39 -3.64	46.60 2.40 -12.82	37.81 2.64 -0.69	39.40 3.03 -0.48	39.76 3.18 -0.33	41.23 3.35 -0.38	65.88 5.46 0.00	81.28 6.74 0.00	104.91 8.64 0.00	121.34 5.97 -47.00	64.36 3.42 -17.11	49.99 3.41 0.00	45.69 3.14 0.00	38.99 2.66 -1.00	32.68 2.20 0.00
ASTORIA___2 24149	30.35 1.80 0.00	30.23 1.69 0.00	27.62 1.34 0.00	26.95 1.16 0.00	27.36 1.11 0.00	27.25 1.17 0.00	23.74 1.45 0.00	25.78 1.70 0.00	32.85 2.06 -2.12	38.00 2.30 -3.63	46.50 2.31 -12.81	37.70 2.53 -0.69	39.26 2.90 -0.47	39.64 3.07 -0.32	41.10 3.22 -0.38	65.67 5.25 0.01	81.04 6.49 0.00	104.59 8.33 0.00	121.12 5.75 -47.00	64.23 3.29 -17.11	49.85 3.27 0.00	45.57 3.01 0.00	38.90 2.57 -1.00	32.60 2.12 0.00
ASTORIA___3 23516	30.35 1.80 0.00	30.19 1.66 0.00	27.60 1.32 0.00	26.97 1.18 0.00	27.41 1.16 0.00	27.29 1.21 0.00	23.71 1.42 0.00	25.80 1.73 0.00	32.90 2.11 -2.12	38.10 2.39 -3.64	46.60 2.40 -12.82	37.83 2.66 -0.69	39.38 3.01 -0.48	39.75 3.17 -0.33	41.22 3.34 -0.38	65.82 5.40 0.00	81.24 6.70 0.00	104.81 8.54 0.00	121.25 5.88 -47.00	64.23 3.29 -17.11	49.87 3.28 0.00	45.62 3.06 0.00	38.92 2.59 -1.00	32.65 2.17 0.00
ASTORIA___4 23517	30.35 1.80 0.00	30.19 1.66 0.00	27.60 1.32 0.00	26.97 1.18 0.00	27.41 1.16 0.00	27.29 1.21 0.00	23.71 1.42 0.00	25.80 1.73 0.00	32.90 2.11 -2.12	38.10 2.39 -3.64	46.60 2.40 -12.82	37.83 2.66 -0.69	39.38 3.02 -0.48	39.76 3.18 -0.33	41.22 3.34 -0.38	65.82 5.40 0.00	81.25 6.71 0.00	104.81 8.54 0.00	121.26 5.88 -47.00	64.22 3.28 -17.11	49.87 3.28 0.00	45.62 3.06 0.00	38.92 2.59 -1.00	32.65 2.17 0.00
ASTORIA___5 23518	30.35 1.80 0.00	30.19 1.66 0.00	27.60 1.32 0.00	26.97 1.18 0.00	27.41 1.16 0.00	27.29 1.21 0.00	23.71 1.42 0.00	25.80 1.73 0.00	32.90 2.11 -2.12	38.10 2.39 -3.64	46.60 2.40 -12.82	37.83 2.66 -0.69	39.38 3.01 -0.48	39.75 3.17 -0.33	41.22 3.34 -0.38	65.82 5.40 0.00	81.23 6.69 0.00	104.81 8.54 0.00	121.25 5.88 -47.00	64.22 3.28 -17.11	49.87 3.28 0.00	45.62 3.06 0.00	38.92 2.59 -1.00	32.65 2.17 0.00
AST_ENERGY_2_CC3 323677	30.28 1.73 0.00	30.12 1.59 0.00	27.54 1.26 0.00	26.91 1.13 0.00	27.36 1.12 0.00	27.23 1.14 0.00	23.64 1.35 0.00	25.74 1.67 0.00	32.84 2.06 -2.12	38.05 2.34 -3.64	46.57 2.37 -12.83	37.82 2.65 -0.69	39.35 2.99 -0.48	39.76 3.18 -0.33	41.21 3.33 -0.38	65.81 5.39 0.00	81.27 6.72 0.00	104.80 8.53 0.00	121.27 5.90 -47.01	64.24 3.30 -17.11	49.86 3.27 0.00	45.60 3.04 0.00	38.91 2.58 -1.00	32.67 2.18 0.00
AST_ENERGY_2_CC4 323678	30.28 1.73 0.00	30.12 1.59 0.00	27.54 1.26 0.00	26.91 1.13 0.00	27.36 1.12 0.00	27.23 1.14 0.00	23.64 1.35 0.00	25.74 1.67 0.00	32.84 2.06 -2.12	38.05 2.34 -3.64	46.57 2.37 -12.83	37.82 2.65 -0.69	39.35 2.99 -0.48	39.76 3.18 -0.33	41.21 3.33 -0.38	65.81 5.39 0.00	81.27 6.72 0.00	104.80 8.53 0.00	121.27 5.90 -47.01	64.24 3.30 -17.11	49.86 3.27 0.00	45.60 3.04 0.00	38.91 2.58 -1.00	32.67 2.18 0.00

ATHENS_STG_1 23668	29.35 0.80 0.00	29.28 0.74 0.00	26.84 0.57 0.00	26.34 0.55 0.00	26.82 0.57 0.00	26.63 0.55 0.00	22.96 0.67 0.00	24.89 0.82 0.00	30.06 0.94 -0.45	33.90 1.04 -0.78	35.14 1.02 -2.75	35.87 1.13 -0.27	37.34 1.27 -0.19	37.76 1.38 -0.13	39.04 1.39 -0.15	62.55 2.13 0.00	77.00 2.46 0.00	99.62 3.35 0.00	81.56 2.39 -10.80	49.27 1.45 -4.00	48.08 1.50 0.00	43.91 1.35 0.00	36.68 1.12 -0.24	31.41 0.92 0.00
ATHENS_STG_2 23670	29.35 0.80 0.00	29.28 0.74 0.00	26.84 0.57 0.00	26.34 0.55 0.00	26.82 0.57 0.00	26.63 0.55 0.00	22.96 0.67 0.00	24.89 0.82 0.00	30.06 0.94 -0.45	33.90 1.04 -0.78	35.14 1.02 -2.75	35.87 1.13 -0.27	37.34 1.27 -0.19	37.76 1.38 -0.13	39.04 1.39 -0.15	62.55 2.13 0.00	77.00 2.46 0.00	99.62 3.35 0.00	81.56 2.39 -10.80	49.27 1.45 -4.00	48.08 1.50 0.00	43.91 1.35 0.00	36.68 1.12 -0.24	31.41 0.92 0.00
ATHENS_STG_3 23677	29.35 0.80 0.00	29.28 0.74 0.00	26.84 0.57 0.00	26.34 0.55 0.00	26.82 0.57 0.00	26.63 0.55 0.00	22.96 0.67 0.00	24.89 0.82 0.00	30.06 0.94 -0.45	33.90 1.04 -0.78	35.14 1.02 -2.75	35.87 1.13 -0.27	37.34 1.27 -0.19	37.76 1.38 -0.13	39.04 1.39 -0.15	62.55 2.13 0.00	77.00 2.46 0.00	99.62 3.35 0.00	81.56 2.39 -10.80	49.27 1.45 -4.00	48.08 1.50 0.00	43.91 1.35 0.00	36.68 1.12 -0.24	31.41 0.92 0.00
AUBURN___LFGE 323710	29.24 0.36 -0.33	28.89 0.36 0.00	26.43 0.15 0.00	25.88 0.09 0.00	26.34 0.09 0.00	26.19 0.11 0.00	22.49 0.20 0.00	24.24 0.17 0.00	29.29 0.40 -0.23	34.43 0.69 -1.67	33.79 0.83 -1.58	37.50 0.95 -2.08	39.10 0.93 -2.28	39.49 0.90 -2.34	41.00 0.94 -2.56	68.11 1.58 -6.11	84.15 2.02 -7.59	105.06 2.16 -6.63	74.61 1.48 -4.75	47.97 0.96 -3.19	51.72 1.18 -3.95	46.67 0.80 -3.31	38.08 0.57 -2.18	32.39 0.49 -1.42
BABYLON_RES_REC 323704	32.54 2.32 -1.66	30.66 2.13 0.00	30.48 1.81 -2.41	30.53 1.68 -3.06	32.25 1.68 -4.33	27.72 1.64 0.00	24.04 1.75 0.00	26.13 2.06 0.00	33.30 2.45 -2.18	38.16 2.41 -3.67	46.66 2.35 -12.94	37.58 2.44 -0.66	39.38 3.01 -0.49	39.75 3.17 -0.33	53.60 3.31 -12.79	65.22 4.80 0.00	88.96 6.28 -8.13	110.68 7.84 -6.58	121.20 5.45 -47.38	64.41 3.34 -17.24	50.14 3.47 -0.09	46.30 3.33 -0.42	39.43 3.09 -1.02	35.01 2.67 -1.85
BABYLON__69_KV_BK2 356345	32.91 2.70 -1.65	31.02 2.49 0.00	30.81 2.13 -2.40	30.85 2.01 -3.06	32.57 2.00 -4.33	28.03 1.94 0.00	24.31 2.02 0.00	26.41 2.34 0.00	33.72 2.87 -2.18	38.83 3.08 -3.67	47.34 3.02 -12.94	38.38 3.27 -0.64	40.25 3.89 -0.48	40.75 4.16 -0.33	54.98 4.32 -13.16	66.73 6.31 0.00	97.56 8.21 -14.81	114.90 10.21 -8.42	123.31 7.10 -47.84	65.47 4.40 -17.24	51.15 4.48 -0.09	47.15 4.18 -0.42	39.92 3.58 -1.02	35.44 3.10 -1.85
BALL_HILL_WT_PWR 323825	29.05 0.50 0.00	28.83 0.30 0.00	26.06 -0.22 0.00	25.39 -0.39 0.00	25.78 -0.46 0.00	25.68 -0.40 0.00	22.10 -0.19 0.00	23.74 -0.33 0.00	28.44 -0.23 0.00	32.43 0.36 0.00	32.11 0.74 0.00	35.64 1.16 0.00	37.03 1.15 0.00	36.96 0.71 0.00	38.14 0.64 0.00	61.56 1.14 0.00	76.16 1.62 0.00	95.73 -0.54 0.00	67.53 -0.84 0.00	43.38 -0.46 0.00	46.07 -0.51 0.00	42.02 -0.53 0.00	34.96 -0.37 0.00	30.36 -0.13 0.00
BARON_WINDS___WT_PWR 323822	29.18 0.54 -0.08	28.93 0.39 0.00	26.26 -0.01 0.00	25.66 -0.12 0.00	26.11 -0.13 0.00	25.99 -0.09 0.00	22.41 0.12 0.00	24.13 0.05 0.00	28.87 0.14 -0.06	33.08 0.60 -0.41	32.51 0.75 -0.39	36.04 1.05 -0.51	37.49 1.04 -0.56	37.54 0.71 -0.58	38.82 0.70 -0.63	63.15 1.22 -1.51	78.13 1.72 -1.88	98.16 0.25 -1.64	69.49 -0.06 -1.18	44.69 0.07 -0.79	47.71 0.15 -0.98	43.38 0.01 -0.82	36.00 0.13 -0.54	31.02 0.19 -0.35
BARRETT_IC_1 23704	32.27 2.06 -1.66	30.43 1.89 0.00	30.25 1.57 -2.41	30.29 1.44 -3.06	32.00 1.43 -4.33	27.50 1.41 0.00	23.81 1.52 0.00	25.91 1.84 0.00	33.10 2.25 -2.18	38.20 2.46 -3.67	46.74 2.43 -12.94	37.87 2.70 -0.69	39.48 3.11 -0.49	39.88 3.30 -0.33	53.50 3.35 -12.64	65.20 4.77 0.00	81.50 6.13 -0.82	104.78 7.68 -0.82	120.88 5.31 -47.20	64.34 3.27 -17.24	50.06 3.39 -0.09	46.18 3.21 -0.42	39.19 2.85 -1.02	34.82 2.48 -1.86
BARRETT_IC_10 23701	32.27 2.06 -1.66	30.43 1.89 0.00	30.25 1.57 -2.41	30.29 1.44 -3.06	32.00 1.43 -4.33	27.50 1.41 0.00	23.81 1.52 0.00	25.91 1.84 0.00	33.10 2.25 -2.18	38.20 2.46 -3.67	46.74 2.43 -12.94	37.87 2.70 -0.69	39.48 3.11 -0.49	39.88 3.30 -0.33	53.50 3.35 -12.64	65.20 4.77 0.00	81.50 6.13 -0.82	104.78 7.68 -0.82	120.88 5.31 -47.20	64.34 3.27 -17.24	50.06 3.39 -0.09	46.18 3.21 -0.42	39.19 2.85 -1.02	34.82 2.48 -1.86
BARRETT_IC_11 23702	32.27 2.06 -1.66	30.43 1.89 0.00	30.25 1.57 -2.41	30.29 1.44 -3.06	32.00 1.43 -4.33	27.50 1.41 0.00	23.81 1.52 0.00	25.91 1.84 0.00	33.10 2.25 -2.18	38.20 2.46 -3.67	46.74 2.43 -12.94	37.87 2.70 -0.69	39.48 3.11 -0.49	39.88 3.30 -0.33	53.50 3.35 -12.64	65.20 4.77 0.00	81.50 6.13 -0.82	104.78 7.68 -0.82	120.88 5.31 -47.20	64.34 3.27 -17.24	50.06 3.39 -0.09	46.18 3.21 -0.42	39.19 2.85 -1.02	34.82 2.48 -1.86
BARRETT_IC_12 23703	32.27 2.06 -1.66	30.43 1.89 0.00	30.25 1.57 -2.41	30.29 1.44 -3.06	32.00 1.43 -4.33	27.50 1.41 0.00	23.81 1.52 0.00	25.91 1.84 0.00	33.10 2.25 -2.18	38.20 2.46 -3.67	46.74 2.43 -12.94	37.87 2.70 -0.69	39.48 3.11 -0.49	39.88 3.30 -0.33	53.50 3.35 -12.64	65.20 4.77 0.00	81.50 6.13 -0.82	104.78 7.68 -0.82	120.88 5.31 -47.20	64.34 3.27 -17.24	50.06 3.39 -0.09	46.18 3.21 -0.42	39.19 2.85 -1.02	34.82 2.48 -1.86
BARRETT_IC_2 23705	32.27 2.06 -1.66	30.43 1.89 0.00	30.25 1.57 -2.41	30.29 1.44 -3.06	32.00 1.43 -4.33	27.50 1.41 0.00	23.81 1.52 0.00	25.91 1.84 0.00	33.10 2.25 -2.18	38.20 2.46 -3.67	46.74 2.43 -12.94	37.87 2.70 -0.69	39.48 3.11 -0.49	39.88 3.30 -0.33	53.50 3.35 -12.64	65.20 4.77 0.00	81.50 6.13 -0.82	104.78 7.68 -0.82	120.88 5.31 -47.20	64.34 3.27 -17.24	50.06 3.39 -0.09	46.18 3.21 -0.42	39.19 2.85 -1.02	34.82 2.48 -1.86
BARRETT_IC_3 23706	32.27 2.06 -1.66	30.43 1.89 0.00	30.25 1.57 -2.41	30.29 1.44 -3.06	32.00 1.43 -4.33	27.50 1.41 0.00	23.81 1.52 0.00	25.91 1.84 0.00	33.10 2.25 -2.18	38.20 2.46 -3.67	46.74 2.43 -12.94	37.87 2.70 -0.69	39.48 3.11 -0.49	39.88 3.30 -0.33	53.50 3.35 -12.64	65.20 4.77 0.00	81.50 6.13 -0.82	104.78 7.68 -0.82	120.88 5.31 -47.20	64.34 3.27 -17.24	50.06 3.39 -0.09	46.18 3.21 -0.42	39.19 2.85 -1.02	34.82 2.48 -1.86
BARRETT_IC_4 23707	32.27 2.06 -1.66	30.43 1.89 0.00	30.25 1.57 -2.41	30.29 1.44 -3.06	32.00 1.43 -4.33	27.50 1.41 0.00	23.81 1.52 0.00	25.91 1.84 0.00	33.10 2.25 -2.18	38.20 2.46 -3.67	46.74 2.43 -12.94	37.87 2.70 -0.69	39.48 3.11 -0.49	39.88 3.30 -0.33	53.50 3.35 -12.64	65.20 4.77 0.00	81.50 6.13 -0.82	104.78 7.68 -0.82	120.88 5.31 -47.20	64.34 3.27 -17.24	50.06 3.39 -0.09	46.18 3.21 -0.42	39.19 2.85 -1.02	34.82 2.48 -1.86

BARRETT_IC_5 23708	32.27 2.06 -1.66	30.43 1.89 0.00	30.25 1.57 -2.41	30.29 1.44 -3.06	32.00 1.43 -4.33	27.50 1.41 0.00	23.81 1.52 0.00	25.91 1.84 0.00	33.10 2.25 -2.18	38.20 2.46 -3.67	46.74 2.43 -12.94	37.87 2.70 -0.69	39.48 3.11 -0.49	39.88 3.30 -0.33	53.50 3.35 -12.64	65.20 4.77 0.00	81.50 6.13 -0.82	104.78 7.68 -0.82	120.88 5.31 -47.20	64.34 3.27 -17.24	50.06 3.39 -0.09	46.18 3.21 -0.42	39.19 2.85 -1.02	34.82 2.48 -1.86
BARRETT_IC_6 23709	32.27 2.06 -1.66	30.43 1.89 0.00	30.25 1.57 -2.41	30.29 1.44 -3.06	32.00 1.43 -4.33	27.50 1.41 0.00	23.81 1.52 0.00	25.91 1.84 0.00	33.10 2.25 -2.18	38.20 2.46 -3.67	46.74 2.43 -12.94	37.87 2.70 -0.69	39.48 3.11 -0.49	39.88 3.30 -0.33	53.50 3.35 -12.64	65.20 4.77 0.00	81.50 6.13 -0.82	104.78 7.68 -0.82	120.88 5.31 -47.20	64.34 3.27 -17.24	50.06 3.39 -0.09	46.18 3.21 -0.42	39.19 2.85 -1.02	34.82 2.48 -1.86
BARRETT_IC_7 23710	32.27 2.06 -1.65	30.43 1.89 0.00	30.24 1.57 -2.40	30.29 1.44 -3.06	32.00 1.43 -4.33	27.50 1.41 0.00	23.81 1.52 0.00	25.91 1.84 0.00	33.10 2.25 -2.18	38.20 2.46 -3.67	46.75 2.43 -12.94	37.87 2.70 -0.69	39.48 3.11 -0.48	39.88 3.30 -0.33	53.49 3.35 -12.64	65.19 4.78 0.00	81.51 6.14 -0.83	104.78 7.69 -0.83	120.88 5.31 -47.21	64.34 3.27 -17.24	50.06 3.39 -0.09	46.18 3.21 -0.42	39.18 2.85 -1.01	34.81 2.47 -1.85
BARRETT_IC_8 23711	32.27 2.06 -1.66	30.43 1.89 0.00	30.25 1.57 -2.41	30.29 1.44 -3.06	32.00 1.43 -4.33	27.50 1.41 0.00	23.81 1.52 0.00	25.91 1.84 0.00	33.10 2.25 -2.18	38.20 2.46 -3.67	46.74 2.43 -12.94	37.87 2.70 -0.69	39.48 3.11 -0.49	39.88 3.30 -0.33	53.50 3.35 -12.64	65.20 4.77 0.00	81.50 6.13 -0.82	104.78 7.68 -0.82	120.88 5.31 -47.20	64.34 3.27 -17.24	50.06 3.39 -0.09	46.18 3.21 -0.42	39.19 2.85 -1.02	34.82 2.48 -1.86
BARRETT_IC_9 23700	32.27 2.06 -1.66	30.43 1.89 0.00	30.25 1.57 -2.41	30.29 1.44 -3.06	32.00 1.43 -4.33	27.50 1.41 0.00	23.81 1.52 0.00	25.91 1.84 0.00	33.10 2.25 -2.18	38.20 2.46 -3.67	46.74 2.43 -12.94	37.87 2.70 -0.69	39.48 3.11 -0.49	39.88 3.30 -0.33	53.50 3.35 -12.64	65.20 4.77 0.00	81.50 6.13 -0.82	104.78 7.68 -0.82	120.88 5.31 -47.20	64.34 3.27 -17.24	50.06 3.39 -0.09	46.18 3.21 -0.42	39.19 2.85 -1.02	34.82 2.48 -1.86
BARRETT___1 23545	32.27 2.06 -1.66	30.43 1.89 0.00	30.25 1.57 -2.41	30.29 1.44 -3.06	32.00 1.43 -4.33	27.50 1.41 0.00	23.81 1.52 0.00	25.91 1.84 0.00	33.10 2.25 -2.18	38.20 2.46 -3.67	46.74 2.43 -12.94	37.87 2.70 -0.69	39.48 3.11 -0.49	39.88 3.30 -0.33	53.50 3.35 -12.64	65.20 4.77 0.00	81.50 6.13 -0.82	104.78 7.68 -0.82	120.88 5.31 -47.20	64.34 3.27 -17.24	50.06 3.39 -0.09	46.18 3.21 -0.42	39.19 2.85 -1.02	34.82 2.48 -1.86
BARRETT___2 23546	32.27 2.06 -1.66	30.43 1.89 0.00	30.25 1.57 -2.41	30.29 1.44 -3.06	32.00 1.43 -4.33	27.50 1.41 0.00	23.81 1.52 0.00	25.91 1.84 0.00	33.10 2.25 -2.18	38.20 2.46 -3.67	46.74 2.43 -12.94	37.87 2.70 -0.69	39.48 3.11 -0.49	39.88 3.30 -0.33	53.50 3.35 -12.64	65.20 4.77 0.00	81.50 6.13 -0.82	104.78 7.68 -0.82	120.88 5.31 -47.20	64.34 3.27 -17.24	50.06 3.39 -0.09	46.18 3.21 -0.42	39.19 2.85 -1.02	34.82 2.48 -1.86
BATAVIA__115KV_TB1 55881	29.48 0.93 0.00	29.18 0.65 0.00	26.41 0.13 0.00	25.74 -0.04 0.00	26.13 -0.12 0.00	26.04 -0.05 0.00	22.37 0.08 0.00	24.01 -0.07 0.00	28.81 0.15 0.00	32.80 0.73 0.00	32.43 1.05 0.00	35.78 1.30 0.00	37.09 1.21 0.00	37.00 0.75 0.00	38.34 0.84 0.00	61.89 1.47 0.00	77.06 2.51 -0.01	97.66 1.39 -0.01	69.09 0.71 -0.01	44.30 0.46 0.00	46.97 0.39 0.00	42.84 0.29 0.00	35.56 0.24 0.00	30.94 0.45 0.00
BAYONEEC___CTG1 323682	30.33 1.78 0.00	30.17 1.64 0.00	27.57 1.30 0.00	26.95 1.16 0.00	27.40 1.15 0.00	27.27 1.18 0.00	23.67 1.38 0.00	25.77 1.70 0.00	32.88 2.09 -2.12	38.10 2.39 -3.64	46.62 2.41 -12.83	37.86 2.69 -0.69	39.39 3.02 -0.48	39.81 3.23 -0.33	41.24 3.36 -0.38	65.87 5.45 0.00	81.32 6.78 0.00	104.83 8.56 0.00	121.32 5.94 -47.01	64.27 3.32 -17.11	49.88 3.29 0.00	45.63 3.08 0.00	38.96 2.63 -1.00	32.71 2.23 0.00
BAYONEEC___CTG10 323750	30.33 1.78 0.00	30.17 1.64 0.00	27.57 1.30 0.00	26.95 1.16 0.00	27.40 1.15 0.00	27.27 1.18 0.00	23.67 1.38 0.00	25.77 1.70 0.00	32.88 2.09 -2.12	38.10 2.39 -3.64	46.62 2.41 -12.83	37.86 2.69 -0.69	39.39 3.02 -0.48	39.81 3.23 -0.33	41.24 3.36 -0.38	65.87 5.45 0.00	81.32 6.78 0.00	104.83 8.56 0.00	121.32 5.94 -47.01	64.27 3.32 -17.11	49.88 3.29 0.00	45.63 3.08 0.00	38.96 2.63 -1.00	32.71 2.23 0.00
BAYONEEC___CTG2 323683	30.33 1.78 0.00	30.17 1.64 0.00	27.57 1.30 0.00	26.95 1.16 0.00	27.40 1.15 0.00	27.27 1.18 0.00	23.67 1.38 0.00	25.77 1.70 0.00	32.88 2.09 -2.12	38.10 2.39 -3.64	46.62 2.41 -12.83	37.86 2.69 -0.69	39.39 3.02 -0.48	39.81 3.23 -0.33	41.24 3.36 -0.38	65.87 5.45 0.00	81.32 6.78 0.00	104.83 8.56 0.00	121.32 5.94 -47.01	64.27 3.32 -17.11	49.88 3.29 0.00	45.63 3.08 0.00	38.96 2.63 -1.00	32.71 2.23 0.00
BAYONEEC___CTG3 323684	30.33 1.78 0.00	30.17 1.64 0.00	27.57 1.30 0.00	26.95 1.16 0.00	27.40 1.15 0.00	27.27 1.18 0.00	23.67 1.38 0.00	25.77 1.70 0.00	32.88 2.09 -2.12	38.10 2.39 -3.64	46.62 2.41 -12.83	37.86 2.69 -0.69	39.39 3.02 -0.48	39.81 3.23 -0.33	41.24 3.36 -0.38	65.87 5.45 0.00	81.32 6.78 0.00	104.83 8.56 0.00	121.32 5.94 -47.01	64.27 3.32 -17.11	49.88 3.29 0.00	45.63 3.08 0.00	38.96 2.63 -1.00	32.71 2.23 0.00
BAYONEEC___CTG4 323685	30.33 1.78 0.00	30.17 1.64 0.00	27.57 1.30 0.00	26.95 1.16 0.00	27.40 1.15 0.00	27.27 1.18 0.00	23.67 1.38 0.00	25.77 1.70 0.00	32.88 2.09 -2.12	38.10 2.39 -3.64	46.62 2.41 -12.83	37.86 2.69 -0.69	39.39 3.02 -0.48	39.81 3.23 -0.33	41.24 3.36 -0.38	65.87 5.45 0.00	81.32 6.78 0.00	104.83 8.56 0.00	121.32 5.94 -47.01	64.27 3.32 -17.11	49.88 3.29 0.00	45.63 3.08 0.00	38.96 2.63 -1.00	32.71 2.23 0.00
BAYONEEC___CTG5 323686	30.33 1.78 0.00	30.17 1.64 0.00	27.57 1.30 0.00	26.95 1.16 0.00	27.40 1.15 0.00	27.27 1.18 0.00	23.67 1.38 0.00	25.77 1.70 0.00	32.88 2.09 -2.12	38.10 2.39 -3.64	46.62 2.41 -12.83	37.86 2.69 -0.69	39.39 3.02 -0.48	39.81 3.23 -0.33	41.24 3.36 -0.38	65.87 5.45 0.00	81.32 6.78 0.00	104.83 8.56 0.00	121.32 5.94 -47.01	64.27 3.32 -17.11	49.88 3.29 0.00	45.63 3.08 0.00	38.96 2.63 -1.00	32.71 2.23 0.00
BAYONEEC___CTG6 323687	30.33 1.78 0.00	30.17 1.64 0.00	27.57 1.30 0.00	26.95 1.16 0.00	27.40 1.15 0.00	27.27 1.18 0.00	23.67 1.38 0.00	25.77 1.70 0.00	32.88 2.09 -2.12	38.10 2.39 -3.64	46.62 2.41 -12.83	37.86 2.69 -0.69	39.39 3.02 -0.48	39.81 3.23 -0.33	41.24 3.36 -0.38	65.87 5.45 0.00	81.32 6.78 0.00	104.83 8.56 0.00	121.32 5.94 -47.01	64.27 3.32 -17.11	49.88 3.29 0.00	45.63 3.08 0.00	38.96 2.63 -1.00	32.71 2.23 0.00

BAYONEEC___CTG7 323688	30.33 1.78 0.00	30.17 1.64 0.00	27.57 1.30 0.00	26.95 1.16 0.00	27.40 1.15 0.00	27.27 1.18 0.00	23.67 1.38 0.00	25.77 1.70 0.00	32.88 2.09 -2.12	38.10 2.39 -3.64	46.62 2.41 -12.83	37.86 2.69 -0.69	39.39 3.02 -0.48	39.81 3.23 -0.33	41.24 3.36 -0.38	65.87 5.45 0.00	81.32 6.78 0.00	104.83 8.56 0.00	121.32 5.94 -47.01	64.27 3.32 -17.11	49.88 3.29 0.00	45.63 3.08 0.00	38.96 2.63 -1.00	32.71 2.23 0.00
BAYONEEC___CTG8 323689	30.33 1.78 0.00	30.17 1.64 0.00	27.57 1.30 0.00	26.95 1.16 0.00	27.40 1.15 0.00	27.27 1.18 0.00	23.67 1.38 0.00	25.77 1.70 0.00	32.88 2.09 -2.12	38.10 2.39 -3.64	46.62 2.41 -12.83	37.86 2.69 -0.69	39.39 3.02 -0.48	39.81 3.23 -0.33	41.24 3.36 -0.38	65.87 5.45 0.00	81.32 6.78 0.00	104.83 8.56 0.00	121.32 5.94 -47.01	64.27 3.32 -17.11	49.88 3.29 0.00	45.63 3.08 0.00	38.96 2.63 -1.00	32.71 2.23 0.00
BAYONEEC___CTG9 323749	30.33 1.78 0.00	30.17 1.64 0.00	27.57 1.30 0.00	26.95 1.16 0.00	27.40 1.15 0.00	27.27 1.18 0.00	23.67 1.38 0.00	25.77 1.70 0.00	32.88 2.09 -2.12	38.10 2.39 -3.64	46.62 2.41 -12.83	37.86 2.69 -0.69	39.39 3.02 -0.48	39.81 3.23 -0.33	41.24 3.36 -0.38	65.87 5.45 0.00	81.32 6.78 0.00	104.83 8.56 0.00	121.32 5.94 -47.01	64.27 3.32 -17.11	49.88 3.29 0.00	45.63 3.08 0.00	38.96 2.63 -1.00	32.71 2.23 0.00
BEACON___LESR 323632	29.39 0.84 0.00	29.32 0.79 0.00	26.89 0.62 0.00	26.38 0.59 0.00	26.88 0.63 0.00	26.66 0.57 0.00	23.01 0.71 0.00	24.96 0.89 0.00	29.99 0.97 -0.35	33.65 0.97 -0.60	34.44 0.95 -2.12	34.85 0.98 0.60	36.55 1.09 0.42	37.18 1.22 0.29	38.43 1.26 0.33	62.65 2.23 0.00	76.99 2.45 0.00	99.71 3.44 0.00	79.64 2.54 -8.73	46.41 1.63 -0.96	48.21 1.63 0.00	43.88 1.33 0.00	36.45 1.13 0.00	31.46 0.97 0.00
BEAVER RIVER___HYD 24048	28.56 -0.18 -0.19	28.50 -0.04 0.00	26.21 -0.06 0.00	25.81 0.02 0.00	26.34 0.10 0.00	26.22 0.14 0.00	22.43 0.13 0.00	24.26 0.19 0.00	29.02 0.21 -0.14	33.39 0.34 -0.97	32.70 0.41 -0.92	36.03 0.35 -1.21	37.51 0.30 -1.33	38.17 0.55 -1.36	39.44 0.45 -1.49	64.74 0.77 -3.55	79.88 0.92 -4.41	102.33 2.21 -3.86	72.96 1.83 -2.77	47.00 1.31 -1.85	50.41 1.53 -2.30	46.03 1.55 -1.93	37.72 1.13 -1.27	32.06 0.75 -0.82
BEEBEE_GT_13 23619	28.97 0.42 0.00	28.80 0.27 0.00	26.19 -0.09 0.00	25.57 -0.22 0.00	25.96 -0.28 0.00	25.85 -0.23 0.00	22.18 -0.12 0.00	23.84 -0.23 0.00	28.60 -0.07 0.00	32.41 0.33 0.00	32.04 0.67 0.00	35.39 0.91 0.00	36.75 0.87 0.00	36.82 0.57 0.00	38.13 0.63 0.00	61.53 1.11 0.00	76.15 1.61 0.00	96.86 0.59 0.00	68.51 0.14 0.00	43.87 0.04 0.00	46.56 -0.03 0.00	42.46 -0.10 0.00	35.25 -0.08 0.00	30.51 0.02 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.69 2.13 0.00	30.51 1.97 0.00	27.86 1.59 0.00	27.22 1.43 0.00	27.65 1.40 0.00	27.52 1.44 0.00	23.91 1.61 0.00	26.01 1.94 0.00	33.17 2.38 -2.12	38.46 2.75 -3.64	47.01 2.81 -12.82	38.24 3.07 -0.69	39.87 3.50 -0.48	40.27 3.69 -0.33	41.76 3.88 -0.38	66.70 6.28 0.00	82.31 7.77 0.00	106.20 9.93 0.00	122.19 6.82 -47.00	64.82 3.87 -17.11	50.51 3.93 0.00	46.23 3.68 0.00	39.42 3.10 -1.01	41.42 2.59 -8.36
BETHLEHEM___GRP 23843	28.86 0.31 0.00	28.82 0.28 0.00	26.48 0.20 0.00	26.00 0.21 0.00	26.47 0.23 0.00	26.29 0.21 0.00	22.69 0.39 0.00	24.54 0.47 0.00	29.43 0.42 -0.35	33.05 0.37 -0.60	33.79 0.31 -2.11	34.20 0.29 0.57	35.84 0.35 0.39	36.44 0.46 0.27	37.64 0.46 0.31	61.15 0.73 0.00	75.18 0.63 0.00	97.55 1.28 0.00	78.01 1.00 -8.64	45.46 0.69 -0.94	47.28 0.70 0.00	43.11 0.56 0.00	35.79 0.46 0.00	30.90 0.41 0.00
BETHLEHEM___GS1 323560	28.86 0.31 0.00	28.82 0.28 0.00	26.48 0.20 0.00	26.00 0.21 0.00	26.47 0.22 0.00	26.29 0.21 0.00	22.69 0.39 0.00	24.54 0.47 0.00	29.43 0.42 -0.35	33.05 0.37 -0.60	33.79 0.31 -2.11	34.21 0.29 0.57	35.83 0.35 0.39	36.44 0.46 0.27	37.64 0.46 0.31	61.15 0.72 0.00	75.17 0.63 0.00	97.55 1.28 0.00	78.02 1.00 -8.64	45.46 0.69 -0.94	47.28 0.70 0.00	43.11 0.56 0.00	35.79 0.46 0.00	30.90 0.41 0.00
BETHLEHEM___GS2 323561	28.86 0.31 0.00	28.82 0.28 0.00	26.48 0.20 0.00	26.00 0.21 0.00	26.47 0.22 0.00	26.29 0.21 0.00	22.69 0.39 0.00	24.54 0.47 0.00	29.43 0.42 -0.35	33.05 0.37 -0.60	33.79 0.31 -2.11	34.21 0.29 0.57	35.83 0.35 0.39	36.44 0.46 0.27	37.64 0.46 0.31	61.15 0.72 0.00	75.17 0.63 0.00	97.55 1.28 0.00	78.02 1.00 -8.64	45.46 0.69 -0.94	47.28 0.70 0.00	43.11 0.56 0.00	35.79 0.46 0.00	30.90 0.41 0.00
BETHLEHEM___GS3 323562	28.86 0.31 0.00	28.82 0.28 0.00	26.48 0.20 0.00	26.00 0.21 0.00	26.47 0.22 0.00	26.29 0.21 0.00	22.69 0.39 0.00	24.54 0.47 0.00	29.43 0.42 -0.35	33.05 0.37 -0.60	33.79 0.31 -2.11	34.21 0.29 0.57	35.83 0.35 0.39	36.44 0.46 0.27	37.64 0.46 0.31	61.15 0.72 0.00	75.17 0.63 0.00	97.55 1.28 0.00	78.02 1.00 -8.64	45.46 0.69 -0.94	47.28 0.70 0.00	43.11 0.56 0.00	35.79 0.46 0.00	30.90 0.41 0.00
BETHLEHEM___STEEL 23779	28.97 0.42 0.00	28.73 0.20 0.00	25.97 -0.30 0.00	25.32 -0.47 0.00	25.70 -0.54 0.00	25.60 -0.49 0.00	22.00 -0.29 0.00	23.60 -0.47 0.00	28.31 -0.36 0.00	32.26 0.18 0.00	32.03 0.65 0.00	35.46 0.98 0.00	36.79 0.90 0.00	36.65 0.40 0.00	37.85 0.36 0.00	61.06 0.64 0.00	75.54 0.99 -0.01	95.02 -1.26 -0.01	67.04 -1.34 -0.01	43.06 -0.77 0.00	45.72 -0.86 0.00	41.73 -0.82 0.00	34.73 -0.60 0.00	30.24 -0.24 0.00
BETHLHEM_115KV_TB1 79974	28.93 0.38 0.00	28.89 0.36 0.00	26.54 0.26 0.00	26.06 0.27 0.00	26.54 0.29 0.00	26.35 0.27 0.00	22.73 0.43 0.00	24.58 0.51 0.00	29.50 0.49 -0.35	33.12 0.45 -0.59	33.87 0.40 -2.10	34.33 0.39 0.54	35.96 0.45 0.37	36.55 0.55 0.26	37.76 0.56 0.30	61.31 0.89 0.00	75.38 0.84 0.00	97.75 1.49 0.00	78.08 1.15 -8.56	45.55 0.78 -0.94	47.38 0.80 0.00	43.20 0.65 0.00	35.88 0.56 0.00	30.97 0.48 0.00
BETHPAGE_CC_5 323564	32.38 2.17 -1.66	30.52 1.98 0.00	30.34 1.66 -2.41	30.39 1.54 -3.06	32.11 1.53 -4.33	27.59 1.51 0.00	23.93 1.63 0.00	26.02 1.94 0.00	33.23 2.38 -2.18	38.33 2.59 -3.67	46.86 2.54 -12.94	37.86 2.71 -0.67	39.61 3.24 -0.49	40.04 3.45 -0.33	53.74 3.60 -12.64	65.72 5.30 0.00	88.53 6.88 -7.11	112.18 8.55 -7.36	121.48 5.90 -47.21	64.65 3.58 -17.24	50.28 3.60 -0.09	46.39 3.42 -0.42	39.27 2.94 -1.01	34.86 2.53 -1.85
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.04 0.49 0.00	28.80 0.26 0.00	26.04 -0.24 0.00	25.39 -0.40 0.00	25.77 -0.48 0.00	25.66 -0.43 0.00	22.06 -0.23 0.00	23.66 -0.41 0.00	28.39 -0.27 0.00	32.37 0.30 0.00	32.14 0.77 0.00	35.60 1.13 0.00	36.94 1.06 0.00	36.83 0.58 0.00	38.04 0.54 0.00	61.38 0.96 0.00	75.92 1.37 -0.01	95.49 -0.78 -0.01	67.36 -1.02 -0.01	43.26 -0.57 0.00	45.93 -0.66 0.00	41.90 -0.65 0.00	34.86 -0.46 0.00	30.34 -0.15 0.00

BINGHAMTON___COGEN 23790	29.15 0.45 -0.15	28.93 0.39 0.00	26.40 0.12 0.00	25.87 0.08 0.00	26.34 0.10 0.00	26.19 0.10 0.00	22.56 0.27 0.00	24.35 0.28 0.00	29.12 0.35 -0.10	33.46 0.64 -0.75	32.76 0.67 -0.71	36.31 0.91 -0.93	37.92 1.02 -1.02	38.24 0.95 -1.04	39.57 0.93 -1.14	64.73 1.58 -2.73	79.91 1.98 -3.39	100.85 1.62 -2.96	71.55 1.06 -2.12	45.95 0.70 -1.42	49.14 0.79 -1.76	44.67 0.63 -1.48	36.83 0.53 -0.97	31.48 0.37 -0.63
BIXINCNT_115KV_LOAD 355685	29.28 0.73 0.00	29.06 0.53 0.00	26.27 0.00 0.00	25.61 -0.18 0.00	26.02 -0.22 0.00	25.91 -0.17 0.00	22.32 0.03 0.00	23.94 -0.13 0.00	28.72 0.05 0.00	32.75 0.68 0.00	32.34 0.96 0.00	35.82 1.34 0.00	37.17 1.29 0.00	37.19 0.94 0.00	38.40 0.90 0.00	61.94 1.52 0.00	76.67 2.12 -0.01	96.34 0.07 -0.01	68.00 -0.38 -0.01	43.68 -0.15 0.00	46.42 -0.16 0.00	42.35 -0.21 0.00	35.20 -0.12 0.00	30.62 0.13 0.00
BLACK RIVER___HYD 24047	28.82 -0.05 -0.32	28.64 0.11 0.00	26.29 0.02 0.00	25.91 0.12 0.00	26.46 0.22 0.00	26.37 0.28 0.00	22.57 0.28 0.00	24.39 0.31 0.00	29.24 0.35 -0.23	34.33 0.61 -1.65	33.64 0.71 -1.56	37.11 0.59 -2.05	38.64 0.52 -2.25	39.46 0.90 -2.31	40.75 0.73 -2.52	67.62 1.18 -6.02	83.50 1.47 -7.49	105.69 2.88 -6.54	75.43 2.38 -4.69	48.66 1.70 -3.14	52.48 2.01 -3.89	47.90 2.08 -3.26	38.97 1.50 -2.15	32.89 1.01 -1.40
BLACKRVR_115KV_TB2 79977	28.82 -0.05 -0.32	28.64 0.11 0.00	26.29 0.02 0.00	25.91 0.12 0.00	26.46 0.22 0.00	26.37 0.28 0.00	22.57 0.27 0.00	24.39 0.31 0.00	29.24 0.35 -0.23	34.33 0.61 -1.65	33.64 0.71 -1.56	37.11 0.59 -2.05	38.65 0.52 -2.25	39.46 0.90 -2.31	40.75 0.73 -2.52	67.63 1.19 -6.02	83.50 1.47 -7.49	105.69 2.88 -6.54	75.43 2.38 -4.69	48.66 1.70 -3.14	52.49 2.01 -3.89	47.90 2.08 -3.26	38.97 1.50 -2.15	32.89 1.01 -1.40
BLISS_WT_PWR 323608	29.28 0.73 0.00	29.06 0.52 0.00	26.27 0.00 0.00	25.61 -0.18 0.00	26.02 -0.22 0.00	25.91 -0.17 0.00	22.32 0.03 0.00	23.93 -0.14 0.00	28.72 0.05 0.00	32.76 0.69 0.00	32.34 0.96 0.00	35.83 1.35 0.00	37.18 1.29 0.00	37.20 0.94 0.00	38.41 0.91 0.00	61.97 1.54 0.00	76.69 2.14 -0.01	96.36 0.09 -0.01	68.00 -0.37 -0.01	43.68 -0.15 0.00	46.44 -0.14 0.00	42.36 -0.20 0.00	35.20 -0.13 0.00	30.62 0.14 0.00
BLUESTONE___WT_PWR 323821	30.55 1.87 -0.13	30.29 1.76 0.00	27.64 1.37 0.00	27.09 1.31 0.00	27.58 1.33 0.00	27.45 1.37 0.00	23.67 1.37 0.00	25.61 1.54 0.00	30.61 1.86 -0.09	35.05 2.34 -0.64	34.40 2.42 -0.61	37.99 2.71 -0.80	39.69 2.93 -0.88	40.05 2.91 -0.90	41.55 3.07 -0.98	67.88 5.12 -2.34	83.86 6.39 -2.92	106.49 7.68 -2.55	75.72 5.53 -1.83	48.61 3.56 -1.22	51.93 3.83 -1.52	47.19 3.37 -1.27	38.87 2.71 -0.84	33.11 2.08 -0.54
BLUE_CIRC_CHEM_DRP 24182	29.25 0.70 0.00	29.22 0.68 0.00	26.83 0.56 0.00	26.36 0.57 0.00	26.85 0.60 0.00	26.64 0.55 0.00	22.91 0.62 0.00	24.74 0.67 0.00	29.64 0.66 -0.31	33.21 0.60 -0.54	33.78 0.51 -1.89	34.49 0.39 0.37	36.08 0.46 0.26	36.66 0.59 0.18	38.02 0.72 0.21	61.60 1.18 0.00	75.61 1.07 0.00	98.01 1.74 0.00	77.24 1.41 -7.46	45.69 1.04 -0.81	47.75 1.17 0.00	43.54 0.99 0.00	36.18 0.85 0.00	31.28 0.79 0.00
BOC_GAS_DRP 24189	29.08 0.53 0.00	29.03 0.50 0.00	26.66 0.38 0.00	26.18 0.39 0.00	26.66 0.42 0.00	26.47 0.39 0.00	22.78 0.49 0.00	24.65 0.58 0.00	29.62 0.62 -0.34	33.27 0.62 -0.58	33.98 0.57 -2.04	34.70 0.59 0.36	36.29 0.66 0.25	36.83 0.75 0.17	38.05 0.76 0.20	61.58 1.16 0.00	75.77 1.22 0.00	98.13 1.86 0.00	77.89 1.37 -8.14	45.61 0.89 -0.89	47.52 0.94 0.00	43.36 0.81 0.00	36.02 0.69 0.00	31.10 0.62 0.00
BOONVILLE_115KV_TB1 79983	29.16 0.51 -0.09	29.09 0.56 0.00	26.72 0.44 0.00	26.25 0.47 0.00	26.75 0.51 0.00	26.60 0.51 0.00	22.80 0.51 0.00	24.66 0.60 0.00	29.46 0.73 -0.06	33.46 0.92 -0.46	32.79 0.98 -0.44	36.13 1.08 -0.58	37.61 1.09 -0.63	38.07 1.18 -0.65	39.36 1.15 -0.71	64.06 1.95 -1.69	79.07 2.42 -2.11	101.74 3.63 -1.84	72.50 2.81 -1.32	46.57 1.85 -0.88	49.69 2.01 -1.10	45.32 1.84 -0.92	37.35 1.42 -0.61	31.94 1.06 -0.39
BORALEX_4TH_BRANCH 23824	29.81 1.26 0.00	29.87 1.33 0.00	27.50 1.23 0.00	27.02 1.24 0.00	27.49 1.25 0.00	27.34 1.26 0.00	23.49 1.20 0.00	25.38 1.31 0.00	30.37 1.30 -0.40	33.98 1.21 -0.69	34.88 1.06 -2.45	34.11 1.09 1.46	36.01 1.14 1.02	36.78 1.23 0.70	37.86 1.17 0.81	62.11 1.69 0.00	76.35 1.81 0.00	99.94 3.68 0.00	81.82 2.85 -10.60	47.15 2.16 -1.16	48.93 2.35 0.00	44.48 1.92 0.00	36.92 1.59 0.00	31.84 1.35 0.00
BOWLINE___1 23526	29.98 1.43 0.00	29.86 1.32 0.00	27.30 1.03 0.00	26.70 0.91 0.00	27.13 0.89 0.00	27.00 0.91 0.00	23.40 1.11 0.00	25.45 1.38 0.00	27.00 1.68 3.34	28.23 1.89 5.73	13.02 1.88 20.23	37.18 2.06 -0.64	38.61 2.28 -0.45	39.02 2.46 -0.31	40.42 2.57 -0.36	64.56 4.14 0.00	79.80 5.25 0.00	103.01 6.74 0.00	11.83 4.65 61.19	21.63 2.62 24.81	49.20 2.62 0.00	44.98 2.42 0.00	35.78 1.97 1.52	32.12 1.63 0.00
BOWLINE___2 23595	29.98 1.43 0.00	29.86 1.32 0.00	27.30 1.03 0.00	26.70 0.91 0.00	27.14 0.89 0.00	27.00 0.91 0.00	23.40 1.11 0.00	25.45 1.38 0.00	27.00 1.68 3.34	28.22 1.89 5.74	13.00 1.87 20.25	37.17 2.05 -0.64	38.62 2.29 -0.45	39.02 2.46 -0.31	40.43 2.58 -0.36	64.57 4.15 0.00	79.80 5.26 0.00	103.04 6.77 0.00	11.81 4.66 61.22	21.63 2.62 24.82	49.20 2.62 0.00	44.98 2.42 0.00	35.78 1.98 1.52	32.12 1.64 0.00
BRADY___115KV_TB2 356060	28.24 -0.31 0.00	28.17 -0.36 0.00	26.07 -0.20 0.00	25.63 -0.16 0.00	26.08 -0.17 0.00	25.96 -0.12 0.00	21.96 -0.34 0.00	23.72 -0.35 0.00	28.18 -0.49 0.00	31.19 -0.88 0.00	30.57 -0.81 0.00	33.58 -0.90 0.00	34.72 -1.16 0.00	35.02 -1.23 0.00	36.40 -1.10 0.00	58.79 -1.63 0.00	72.51 -2.03 0.00	94.35 -1.92 0.00	67.19 -1.18 0.00	43.37 -0.47 0.00	46.18 -0.40 0.00	42.29 -0.27 0.00	35.08 -0.24 0.00	30.33 -0.16 0.00
BRANSCOMB___SOLAR 323811	30.09 1.54 0.00	29.99 1.45 0.00	27.52 1.24 0.00	27.02 1.23 0.00	27.50 1.25 0.00	27.34 1.26 0.00	23.52 1.23 0.00	25.44 1.37 0.00	30.44 1.44 -0.34	34.20 1.54 -0.58	34.83 1.42 -2.04	35.30 1.57 0.75	37.06 1.69 0.52	37.60 1.71 0.36	38.75 1.67 0.41	63.34 2.92 0.00	78.01 3.47 0.00	101.70 5.43 0.00	80.95 4.09 -8.49	47.71 2.95 -0.93	49.78 3.20 0.00	45.25 2.70 0.00	37.51 2.18 0.00	32.27 1.79 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	32.67 2.47 -1.65	30.82 2.29 0.00	30.66 1.99 -2.40	30.71 1.87 -3.06	32.43 1.85 -4.33	27.88 1.80 0.00	24.17 1.88 0.00	26.26 2.20 0.00	33.52 2.67 -2.18	38.59 2.84 -3.67	47.07 2.75 -12.94	37.98 2.90 -0.60	39.81 3.44 -0.48	40.29 3.71 -0.33	54.46 3.86 -13.10	65.75 5.33 0.00	92.87 6.99 -11.34	111.16 8.63 -6.26	122.09 5.96 -47.76	64.81 3.74 -17.24	50.48 3.81 -0.09	46.59 3.62 -0.42	39.48 3.14 -1.02	35.12 2.79 -1.85



BRISTLHL_115KV_TB1 79998	28.91 -0.36 -0.71	28.22 -0.31 0.00	25.87 -0.40 0.00	25.36 -0.43 0.00	25.80 -0.44 0.00	25.66 -0.42 0.00	22.01 -0.29 0.00	23.69 -0.37 0.00	28.78 -0.39 -0.51	35.42 -0.29 -3.62	34.57 -0.23 -3.43	38.79 -0.19 -4.50	40.64 -0.18 -4.94	41.07 -0.25 -5.07	42.76 -0.29 -5.55	73.30 -0.36 -13.24	90.67 -0.34 -16.46	109.96 -0.68 -14.38	78.22 -0.46 -10.31	50.44 -0.29 -6.91	54.85 -0.30 -8.56	49.41 -0.32 -7.17	39.74 -0.32 -4.73	33.20 -0.36 -3.07
BROOKHAVEN___DRP 24191	32.53 2.32 -1.65	30.67 2.14 0.00	30.51 1.84 -2.40	30.57 1.72 -3.06	32.27 1.69 -4.33	27.73 1.65 0.00	24.05 1.76 0.00	26.15 2.09 0.00	33.41 2.56 -2.18	38.49 2.74 -3.67	46.91 2.59 -12.94	37.90 2.80 -0.62	39.81 3.44 -0.48	40.32 3.74 -0.33	56.57 3.91 -15.16	66.19 5.77 0.00	134.58 7.55 -52.49	125.01 9.13 -19.61	124.92 6.26 -50.29	65.05 3.98 -17.24	50.70 4.03 -0.09	46.58 3.61 -0.42	39.42 3.08 -1.01	35.05 2.72 -1.85
BROOKLYN_NAVY_YARD 23515	30.31 1.76 0.00	30.17 1.63 0.00	27.57 1.30 0.00	26.95 1.16 0.00	27.36 1.12 0.00	27.24 1.16 0.00	23.65 1.36 0.00	25.78 1.71 0.00	32.89 2.11 -2.12	38.11 2.40 -3.64	46.64 2.44 -12.83	37.92 2.75 -0.69	39.43 3.07 -0.48	39.85 3.27 -0.33	41.32 3.44 -0.38	66.02 5.60 0.00	81.48 6.94 0.00	105.04 8.77 0.00	121.45 6.07 -47.01	64.32 3.37 -17.11	49.94 3.35 0.00	45.67 3.11 0.00	38.95 2.62 -1.00	32.71 2.22 0.00
BROOKLYN___ARMY_DRP 323595	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
BROOKVLE_69_KV_TB1 55790	32.61 2.40 -1.65	30.75 2.21 0.00	30.52 1.84 -2.40	30.57 1.72 -3.06	32.29 1.72 -4.33	27.78 1.70 0.00	24.09 1.79 0.00	26.23 2.16 0.00	33.51 2.66 -2.18	38.74 3.00 -3.67	47.35 3.04 -12.94	38.58 3.41 -0.69	40.26 3.89 -0.48	40.66 4.08 -0.33	54.37 4.23 -12.64	66.87 6.44 0.00	107.31 8.26 -24.51	131.09 10.31 -24.51	122.66 7.08 -47.21	65.30 4.23 -17.24	50.91 4.24 -0.09	46.88 3.91 -0.42	39.71 3.38 -1.01	35.20 2.86 -1.85
BROOME_2_LFGE 323671	29.14 0.45 -0.15	28.93 0.39 0.00	26.40 0.12 0.00	25.87 0.08 0.00	26.35 0.10 0.00	26.19 0.10 0.00	22.57 0.27 0.00	24.35 0.29 0.00	29.12 0.35 -0.10	33.46 0.64 -0.75	32.75 0.67 -0.71	36.31 0.91 -0.93	37.92 1.01 -1.02	38.24 0.95 -1.04	39.57 0.92 -1.14	64.73 1.59 -2.73	79.91 1.98 -3.39	100.85 1.62 -2.96	71.54 1.05 -2.12	45.95 0.70 -1.42	49.14 0.79 -1.76	44.65 0.62 -1.48	36.83 0.53 -0.97	31.48 0.36 -0.63
BROOME___LFGE 323600	29.14 0.45 -0.15	28.93 0.39 0.00	26.40 0.12 0.00	25.87 0.08 0.00	26.35 0.10 0.00	26.19 0.10 0.00	22.57 0.27 0.00	24.35 0.29 0.00	29.12 0.35 -0.10	33.46 0.64 -0.75	32.75 0.67 -0.71	36.31 0.91 -0.93	37.92 1.01 -1.02	38.24 0.95 -1.04	39.57 0.92 -1.14	64.73 1.59 -2.73	79.91 1.98 -3.39	100.85 1.62 -2.96	71.54 1.05 -2.12	45.95 0.70 -1.42	49.14 0.79 -1.76	44.65 0.62 -1.48	36.83 0.53 -0.97	31.48 0.36 -0.63
BROWNFLS_115KV_TB_3_5 80003	28.02 -0.66 -0.13	27.93 -0.60 0.00	25.76 -0.51 0.00	25.33 -0.46 0.00	25.82 -0.43 0.00	25.70 -0.38 0.00	21.89 -0.40 0.00	23.72 -0.35 0.00	28.34 -0.42 -0.09	32.30 -0.44 -0.66	31.69 -0.31 -0.63	34.87 -0.43 -0.83	36.26 -0.53 -0.90	36.85 -0.33 -0.93	38.08 -0.43 -1.02	62.21 -0.64 -2.42	76.74 -0.81 -3.02	98.78 -0.12 -2.63	70.36 0.10 -1.89	45.31 0.21 -1.27	48.53 0.37 -1.57	44.35 0.48 -1.31	36.46 0.27 -0.87	31.12 0.07 -0.56
BROWNSV1_27_KV_LOAD 356125	30.70 2.15 0.00	30.53 1.99 0.00	27.89 1.62 0.00	27.26 1.47 0.00	27.70 1.46 0.00	27.58 1.49 0.00	23.94 1.65 0.00	26.08 2.01 0.00	33.26 2.47 -2.12	38.56 2.85 -3.64	47.10 2.90 -12.83	38.42 3.25 -0.69	40.00 3.63 -0.48	40.42 3.83 -0.33	41.89 4.00 -0.38	66.93 6.51 0.00	82.64 8.10 0.00	106.49 10.23 0.00	122.47 7.09 -47.01	64.99 4.04 -17.11	50.64 4.05 0.00	46.32 3.77 0.00	39.50 3.17 -1.00	33.14 2.66 0.00
BURROWS___LYONSDAL 23803	29.01 0.34 -0.11	28.96 0.43 0.00	26.61 0.34 0.00	26.17 0.39 0.00	26.67 0.43 0.00	26.53 0.45 0.00	22.74 0.44 0.00	24.59 0.52 0.00	29.38 0.63 -0.08	33.44 0.80 -0.56	32.78 0.87 -0.53	36.11 0.94 -0.70	37.58 0.93 -0.77	38.09 1.05 -0.79	39.37 1.01 -0.87	64.20 1.72 -2.06	79.23 2.13 -2.56	101.91 3.41 -2.24	72.63 2.66 -1.60	46.67 1.77 -1.08	49.86 1.95 -1.33	45.50 1.83 -1.12	37.45 1.39 -0.73	31.97 1.01 -0.48
CAITHNESS_CC_1 323624	32.52 2.31 -1.66	30.66 2.12 0.00	30.51 1.83 -2.41	30.56 1.71 -3.06	32.26 1.69 -4.33	27.73 1.65 0.00	24.05 1.75 0.00	26.14 2.07 0.00	33.39 2.54 -2.18	38.45 2.71 -3.67	46.89 2.57 -12.94	37.88 2.78 -0.62	39.76 3.39 -0.49	40.28 3.69 -0.33	56.47 3.85 -15.12	66.07 5.65 0.00	133.52 7.37 -51.60	124.55 8.98 -19.30	124.76 6.16 -50.24	64.98 3.91 -17.24	50.60 3.92 -0.09	46.50 3.53 -0.42	39.37 3.03 -1.01	35.00 2.67 -1.85
CALPINE BETH_PAGE_GT4 24209	32.37 2.16 -1.65	30.51 1.97 0.00	30.33 1.65 -2.40	30.38 1.53 -3.06	32.09 1.52 -4.33	27.58 1.49 0.00	23.91 1.62 0.00	26.01 1.94 0.00	33.23 2.38 -2.18	38.35 2.61 -3.67	46.89 2.57 -12.94	37.86 2.70 -0.68	39.59 3.23 -0.48	40.01 3.43 -0.33	53.71 3.57 -12.64	65.70 5.28 0.00	90.62 6.84 -9.23	114.16 8.51 -9.38	121.46 5.89 -47.21	64.62 3.55 -17.24	50.24 3.57 -0.09	46.44 3.47 -0.42	39.28 2.95 -1.01	34.86 2.53 -1.85
CALPINE_BETH_PAGE_GT_4 323586	32.37 2.16 -1.66	30.51 1.97 0.00	30.33 1.65 -2.41	30.38 1.53 -3.06	32.09 1.52 -4.33	27.58 1.49 0.00	23.91 1.62 0.00	26.01 1.94 0.00	33.23 2.38 -2.18	38.35 2.61 -3.67	46.88 2.57 -12.94	37.86 2.70 -0.68	39.59 3.22 -0.49	40.01 3.43 -0.33	53.71 3.57 -12.64	65.70 5.28 0.00	90.62 6.84 -9.23	114.15 8.50 -9.38	121.46 5.89 -47.21	64.62 3.55 -17.24	50.24 3.57 -0.09	46.44 3.47 -0.42	39.28 2.94 -1.01	34.86 2.53 -1.85
CALPINE_BP_GT1 23823	32.37 2.16 -1.66	30.51 1.97 0.00	30.33 1.65 -2.41	30.38 1.53 -3.06	32.09 1.52 -4.33	27.58 1.49 0.00	23.91 1.62 0.00	26.01 1.94 0.00	33.23 2.38 -2.18	38.35 2.61 -3.67	46.88 2.57 -12.94	37.86 2.70 -0.68	39.59 3.22 -0.49	40.01 3.43 -0.33	53.71 3.57 -12.64	65.70 5.28 0.00	90.62 6.84 -9.23	114.15 8.50 -9.38	121.46 5.89 -47.21	64.62 3.55 -17.24	50.24 3.57 -0.09	46.44 3.47 -0.42	39.28 2.94 -1.01	34.86 2.53 -1.85
CALSPAN___DRP 24200	28.97 0.42 0.00	28.73 0.20 0.00	25.97 -0.30 0.00	25.32 -0.47 0.00	25.70 -0.54 0.00	25.60 -0.49 0.00	22.00 -0.29 0.00	23.60 -0.47 0.00	28.31 -0.36 0.00	32.26 0.18 0.00	32.03 0.65 0.00	35.46 0.98 0.00	36.79 0.90 0.00	36.65 0.40 0.00	37.85 0.36 0.00	61.06 0.64 0.00	75.54 0.99 -0.01	95.02 -1.26 -0.01	67.04 -1.34 -0.01	43.06 -0.77 0.00	45.72 -0.86 0.00	41.73 -0.82 0.00	34.73 -0.60 0.00	30.24 -0.24 0.00

CALVERTON___SOLAR 323806	32.57 2.36 -1.66	30.70 2.17 0.00	30.55 1.87 -2.41	30.60 1.75 -3.06	32.29 1.72 -4.33	27.75 1.67 0.00	24.07 1.78 0.00	26.19 2.12 0.00	33.45 2.61 -2.18	38.53 2.78 -3.67	46.95 2.64 -12.94	37.96 2.86 -0.62	39.90 3.53 -0.49	40.43 3.85 -0.33	56.68 4.01 -15.18	66.35 5.92 0.00	135.14 7.78 -52.82	125.41 9.42 -19.73	125.12 6.44 -50.31	65.18 4.11 -17.24	50.86 4.19 -0.09	46.70 3.73 -0.42	39.52 3.18 -1.01	35.14 2.80 -1.85
CANDIGU_WT_PWR 323617	29.18 0.54 -0.08	28.93 0.39 0.00	26.26 -0.01 0.00	25.66 -0.12 0.00	26.11 -0.13 0.00	25.99 -0.09 0.00	22.41 0.12 0.00	24.13 0.05 0.00	28.87 0.14 -0.06	33.08 0.60 -0.41	32.51 0.75 -0.39	36.04 1.05 -0.51	37.49 1.04 -0.56	37.54 0.71 -0.58	38.82 0.70 -0.63	63.15 1.22 -1.51	78.13 1.72 -1.88	98.16 0.25 -1.64	69.49 -0.06 -1.18	44.69 0.07 -0.79	47.71 0.15 -0.98	43.38 0.01 -0.82	36.00 0.13 -0.54	31.02 0.19 -0.35
CARR STREET_E_SYR 24060	28.69 -0.07 -0.21	28.49 -0.04 0.00	26.10 -0.17 0.00	25.57 -0.21 0.00	26.03 -0.21 0.00	25.87 -0.21 0.00	22.20 -0.09 0.00	23.92 -0.15 0.00	28.70 -0.12 -0.15	33.20 0.04 -1.09	32.52 0.11 -1.03	35.95 0.13 -1.35	37.51 0.14 -1.48	37.90 0.13 -1.52	39.30 0.13 -1.67	64.70 0.31 -3.98	79.97 0.49 -4.94	100.87 0.29 -4.32	71.61 0.15 -3.10	45.98 0.08 -2.07	49.22 0.06 -2.57	44.70 -0.01 -2.16	36.75 0.00 -1.42	31.34 -0.07 -0.92
CARTHAGE___PAPER 23857	28.88 0.06 -0.27	28.73 0.20 0.00	26.41 0.14 0.00	26.02 0.23 0.00	26.57 0.32 0.00	26.46 0.38 0.00	22.64 0.34 0.00	24.48 0.40 0.00	29.30 0.44 -0.19	34.06 0.60 -1.39	33.35 0.66 -1.31	36.79 0.59 -1.72	38.30 0.52 -1.89	39.09 0.90 -1.94	40.42 0.80 -2.13	66.73 1.24 -5.06	82.29 1.45 -6.30	104.83 3.06 -5.50	74.77 2.45 -3.94	48.22 1.75 -2.64	51.87 2.01 -3.28	47.35 2.05 -2.74	38.63 1.50 -1.81	32.70 1.04 -1.17
CASSADAGA_WT_PWR 323784	29.75 1.20 0.00	29.50 0.97 0.00	26.64 0.36 0.00	25.89 0.10 0.00	26.28 0.03 0.00	26.19 0.11 0.00	22.55 0.25 0.00	24.32 0.25 0.00	29.18 0.51 0.00	33.36 1.29 0.00	32.98 1.61 0.00	36.69 2.21 0.00	38.26 2.37 0.00	38.24 1.99 0.00	39.45 1.95 0.00	63.69 3.26 0.00	78.78 4.23 -0.01	98.86 2.59 -0.01	69.75 1.38 -0.01	44.75 0.92 0.00	47.51 0.93 0.00	43.27 0.72 0.00	35.90 0.57 0.00	31.06 0.58 0.00
CE_DUNWOOD___DRP 24194	30.17 1.62 0.00	30.03 1.49 0.00	27.46 1.18 0.00	26.86 1.07 0.00	27.30 1.05 0.00	27.16 1.08 0.00	23.55 1.25 0.00	25.62 1.55 0.00	32.83 1.90 -2.26	38.10 2.15 -3.88	47.21 2.15 -13.68	37.57 2.40 -0.69	39.08 2.71 -0.48	39.48 2.90 -0.33	40.90 3.02 -0.38	65.28 4.86 0.00	80.63 6.09 0.00	104.08 7.82 0.00	122.49 5.43 -48.69	65.41 3.09 -18.48	49.69 3.10 0.00	45.41 2.85 0.00	38.79 2.36 -1.10	32.46 1.97 0.00
CE_MILLWOOD___DRP 24193	30.10 1.55 0.00	29.96 1.43 0.00	27.40 1.13 0.00	26.80 1.02 0.00	27.24 1.00 0.00	27.10 1.02 0.00	23.50 1.21 0.00	25.56 1.49 0.00	32.85 1.82 -2.36	38.18 2.05 -4.06	47.75 2.06 -14.31	37.46 2.30 -0.69	38.95 2.58 -0.48	39.35 2.77 -0.33	40.77 2.90 -0.38	65.07 4.65 0.00	80.40 5.85 0.00	103.76 7.50 0.00	149.06 5.22 -75.47	122.70 2.97 -75.90	49.57 2.99 0.00	45.31 2.75 0.00	43.27 2.27 -5.67	32.37 1.88 0.00
CE_NYC2_DRP 24202	30.37 1.82 0.00	30.22 1.69 0.00	27.61 1.34 0.00	26.98 1.20 0.00	27.43 1.19 0.00	27.31 1.23 0.00	23.73 1.43 0.00	25.82 1.75 0.00	32.93 2.15 -2.12	38.14 2.43 -3.64	46.64 2.44 -12.82	37.87 2.70 -0.69	39.42 3.05 -0.48	39.80 3.22 -0.33	41.25 3.37 -0.38	65.90 5.48 0.00	81.34 6.80 0.00	104.91 8.65 0.00	121.33 5.96 -47.00	64.28 3.33 -17.11	49.91 3.33 0.00	45.66 3.11 0.00	38.95 2.63 -1.00	32.69 2.20 0.00
CE_NYC_DRP 24195	30.37 1.82 0.00	30.21 1.68 0.00	27.61 1.34 0.00	27.00 1.21 0.00	27.44 1.20 0.00	27.30 1.22 0.00	23.70 1.41 0.00	25.81 1.74 0.00	32.93 2.15 -2.12	38.17 2.46 -3.64	46.68 2.48 -12.83	37.94 2.77 -0.69	39.49 3.13 -0.48	39.90 3.32 -0.33	41.35 3.47 -0.38	66.04 5.62 0.00	81.53 6.98 0.00	105.10 8.84 0.00	121.52 6.13 -47.01	64.39 3.44 -17.12	50.01 3.43 0.00	45.74 3.18 0.00	39.02 2.69 -1.00	32.76 2.28 0.00
CHAFFEE___LFGE 323603	29.11 0.56 0.00	28.88 0.34 0.00	26.11 -0.17 0.00	25.44 -0.35 0.00	25.82 -0.42 0.00	25.72 -0.37 0.00	22.12 -0.17 0.00	23.74 -0.33 0.00	28.51 -0.15 0.00	32.47 0.39 0.00	32.19 0.82 0.00	35.68 1.20 0.00	37.02 1.14 0.00	36.92 0.67 0.00	38.13 0.63 0.00	61.54 1.11 0.00	76.19 1.64 -0.01	95.79 -0.48 -0.01	67.57 -0.80 -0.01	43.39 -0.44 0.00	46.07 -0.51 0.00	42.03 -0.52 0.00	34.96 -0.37 0.00	30.40 -0.09 0.00
CHATEAUG_35_KV_LOAD 355732	28.49 -0.06 0.00	28.46 -0.08 0.00	26.14 -0.13 0.00	25.76 -0.03 0.00	26.28 0.03 0.00	26.20 0.11 0.00	22.23 -0.07 0.00	24.00 -0.06 0.00	28.55 -0.12 0.00	31.80 -0.27 0.00	31.17 -0.21 0.00	34.17 -0.30 0.00	35.41 -0.48 0.00	35.71 -0.54 0.00	36.87 -0.62 0.00	59.77 -0.65 0.00	74.05 -0.49 0.00	95.83 -0.44 0.00	68.09 -0.28 0.00	43.76 -0.07 0.00	46.54 -0.05 0.00	42.49 -0.07 0.00	35.28 -0.05 0.00	30.47 -0.02 0.00
CHATEAUG_WT_PWR 323614	28.52 -0.03 0.00	28.50 -0.03 0.00	26.18 -0.10 0.00	25.78 0.00 0.00	26.31 0.07 0.00	26.23 0.15 0.00	22.28 -0.01 0.00	24.08 0.01 0.00	28.63 -0.03 0.00	31.90 -0.18 0.00	31.27 -0.10 0.00	34.34 -0.14 0.00	35.59 -0.30 0.00	35.91 -0.34 0.00	37.05 -0.45 0.00	60.01 -0.41 0.00	74.24 -0.30 0.00	96.13 -0.13 0.00	68.27 -0.10 0.00	43.86 0.03 0.00	46.62 0.04 0.00	42.53 -0.03 0.00	35.31 -0.01 0.00	30.48 0.00 0.00
CHAT_HIGH_FALL_HYD 323578	28.49 -0.06 0.00	28.46 -0.08 0.00	26.14 -0.13 0.00	25.76 -0.03 0.00	26.28 0.03 0.00	26.20 0.11 0.00	22.23 -0.07 0.00	24.00 -0.06 0.00	28.55 -0.12 0.00	31.80 -0.27 0.00	31.17 -0.21 0.00	34.17 -0.30 0.00	35.41 -0.48 0.00	35.71 -0.54 0.00	36.87 -0.62 0.00	59.77 -0.65 0.00	74.05 -0.49 0.00	95.83 -0.44 0.00	68.09 -0.28 0.00	43.76 -0.07 0.00	46.54 -0.05 0.00	42.49 -0.07 0.00	35.28 -0.05 0.00	30.47 -0.02 0.00
CHAUTAUQUA___LFGE 323629	29.36 0.81 0.00	29.14 0.60 0.00	26.32 0.05 0.00	25.62 -0.17 0.00	26.02 -0.23 0.00	25.92 -0.16 0.00	22.33 0.04 0.00	24.02 -0.05 0.00	28.75 0.09 0.00	32.83 0.75 0.00	32.46 1.09 0.00	36.10 1.63 0.00	37.58 1.70 0.00	37.55 1.30 0.00	38.74 1.24 0.00	62.57 2.14 0.00	77.50 2.95 -0.01	97.34 1.07 -0.01	68.62 0.25 -0.01	44.03 0.20 0.00	46.77 0.19 0.00	42.61 0.06 0.00	35.42 0.09 0.00	30.68 0.20 0.00
CHERRYST_13_KV_LD 356241	30.47 1.92 0.00	30.31 1.78 0.00	27.70 1.43 0.00	27.08 1.29 0.00	27.53 1.28 0.00	27.40 1.31 0.00	23.79 1.50 0.00	25.93 1.86 0.00	33.07 2.29 -2.12	38.33 2.62 -3.64	46.85 2.65 -12.83	38.14 2.97 -0.69	39.69 3.33 -0.48	40.11 3.52 -0.33	41.56 3.68 -0.38	66.38 5.96 0.00	81.95 7.40 0.00	105.61 9.34 0.00	121.84 6.46 -47.01	64.57 3.62 -17.12	50.20 3.62 0.00	45.90 3.35 0.00	39.15 2.82 -1.00	32.86 2.38 0.00

CHESTROR_138KV_BK263 355645	29.82 1.27 0.00	29.71 1.17 0.00	27.18 0.90 0.00	26.59 0.81 0.00	27.04 0.79 0.00	26.89 0.81 0.00	23.27 0.98 0.00	25.29 1.22 0.00	28.08 1.47 2.06	30.23 1.69 3.53	20.61 1.69 12.45	36.95 1.90 -0.57	38.42 2.13 -0.40	38.85 2.33 -0.27	40.24 2.42 -0.32	64.32 3.90 0.00	79.51 4.97 0.00	102.68 6.41 0.00	28.04 4.44 44.78	28.85 2.56 17.54	49.17 2.59 0.00	44.93 2.37 0.00	36.19 1.92 1.06	32.06 1.58 0.00
CH_MIDHUDSON___DRP 24192	30.05 1.50 0.00	29.91 1.37 0.00	27.36 1.09 0.00	26.79 1.00 0.00	27.24 1.00 0.00	27.09 1.01 0.00	23.46 1.17 0.00	25.51 1.44 0.00	30.75 1.72 -0.36	34.67 1.97 -0.62	35.54 1.97 -2.20	37.18 2.22 -0.49	38.71 2.49 -0.34	39.17 2.69 -0.23	40.56 2.80 -0.27	64.97 4.55 0.00	80.19 5.65 0.00	103.67 7.40 0.00	85.70 5.18 -12.15	48.16 3.00 -1.33	49.61 3.02 0.00	45.29 2.74 0.00	37.56 2.24 0.00	32.31 1.83 0.00
CH_MISC_IPPS 23765	30.28 1.73 0.00	30.12 1.59 0.00	27.54 1.27 0.00	26.95 1.17 0.00	27.41 1.16 0.00	27.26 1.18 0.00	23.60 1.31 0.00	25.67 1.60 0.00	30.62 1.96 0.00	34.33 2.25 0.00	33.65 2.27 0.00	37.58 2.57 -0.53	39.12 2.87 -0.37	39.57 3.07 -0.25	41.02 3.23 -0.30	65.68 5.26 0.00	81.16 6.62 0.00	104.82 8.56 0.00	80.30 5.96 -5.97	47.96 3.47 -0.65	50.08 3.50 0.00	45.72 3.16 0.00	37.90 2.57 0.00	32.59 2.10 0.00
CH_RES_BVR_FALLS 23983	28.28 -0.28 0.00	28.26 -0.27 0.00	26.09 -0.19 0.00	25.65 -0.14 0.00	26.11 -0.13 0.00	25.97 -0.12 0.00	22.11 -0.18 0.00	23.88 -0.19 0.00	28.44 -0.23 0.00	31.78 -0.29 0.00	31.10 -0.27 0.00	34.16 -0.32 0.00	35.50 -0.39 0.00	35.82 -0.43 0.00	37.09 -0.41 0.00	59.76 -0.66 0.00	73.78 -0.76 0.00	95.31 -0.96 0.00	67.70 -0.67 0.00	43.44 -0.39 0.00	46.16 -0.42 0.00	42.21 -0.34 0.00	35.02 -0.30 0.00	30.29 -0.19 0.00
CH_RES_NIAGARA 23895	28.11 -0.44 0.00	27.87 -0.67 0.00	25.20 -1.08 0.00	24.58 -1.21 0.00	24.93 -1.32 0.00	24.83 -1.25 0.00	21.29 -1.00 0.00	22.76 -1.31 0.00	27.31 -1.35 0.00	31.07 -1.00 0.00	30.91 -0.47 0.00	34.12 -0.36 0.00	35.27 -0.61 0.00	35.00 -1.25 0.00	36.10 -1.40 0.00	57.80 -2.62 0.01	71.45 -3.06 0.04	89.97 -6.26 0.04	63.49 -4.84 0.04	40.87 -2.95 0.01	43.49 -3.10 0.00	39.89 -2.67 0.00	33.29 -2.04 0.00	29.12 -1.36 0.00
CH_RES_SYRACUSE 23985	29.01 0.06 -0.40	28.62 0.09 0.00	26.22 -0.05 0.00	25.70 -0.09 0.00	26.15 -0.09 0.00	26.00 -0.08 0.00	22.31 0.02 0.00	24.04 -0.03 0.00	28.99 0.05 -0.28	34.29 0.21 -2.00	33.57 0.30 -1.90	37.36 0.39 -2.49	39.05 0.43 -2.73	39.47 0.41 -2.80	41.00 0.43 -3.07	68.53 0.80 -7.32	84.71 1.07 -9.10	105.27 1.06 -7.95	74.78 0.71 -5.70	48.09 0.44 -3.82	51.79 0.48 -4.73	46.85 0.33 -3.97	38.15 0.21 -2.61	32.28 0.10 -1.70
CLINTON_WT_PWR 323605	28.52 -0.03 0.00	28.50 -0.03 0.00	26.18 -0.10 0.00	25.78 0.00 0.00	26.31 0.07 0.00	26.23 0.15 0.00	22.28 -0.01 0.00	24.08 0.01 0.00	28.63 -0.03 0.00	31.90 -0.18 0.00	31.27 -0.10 0.00	34.34 -0.14 0.00	35.59 -0.30 0.00	35.91 -0.34 0.00	37.05 -0.45 0.00	60.01 -0.41 0.00	74.24 -0.30 0.00	96.13 -0.13 0.00	68.27 -0.10 0.00	43.86 0.03 0.00	46.62 0.04 0.00	42.53 -0.03 0.00	35.31 -0.01 0.00	30.48 0.00 0.00
CLINTON___LFGE 323618	28.95 0.40 0.00	28.90 0.37 0.00	26.50 0.22 0.00	26.09 0.31 0.00	26.63 0.38 0.00	26.55 0.47 0.00	22.59 0.30 0.00	24.43 0.36 0.00	29.02 0.35 0.00	32.31 0.23 0.00	31.74 0.37 0.00	34.85 0.37 0.00	36.18 0.30 0.00	36.54 0.29 0.00	37.61 0.12 0.00	61.07 0.64 0.00	75.51 0.96 0.00	97.96 1.70 0.00	69.65 1.28 0.00	44.77 0.94 0.00	47.58 1.00 0.00	43.39 0.83 0.00	35.99 0.67 0.00	31.03 0.54 0.00
COBBLENY_34_KV_TB1 80064	29.11 0.56 0.00	28.88 0.34 0.00	26.11 -0.17 0.00	25.44 -0.35 0.00	25.82 -0.42 0.00	25.72 -0.37 0.00	22.12 -0.17 0.00	23.74 -0.33 0.00	28.50 -0.16 0.00	32.47 0.39 0.00	32.19 0.81 0.00	35.66 1.19 0.00	37.02 1.13 0.00	36.90 0.65 0.00	38.13 0.63 0.00	61.53 1.10 0.00	76.16 1.61 -0.01	95.77 -0.50 -0.01	67.56 -0.81 -0.01	43.39 -0.44 0.00	46.06 -0.52 0.00	42.02 -0.53 0.00	34.95 -0.38 0.00	30.40 -0.09 0.00
COFFEEN___115KV_TB3 355620	29.07 0.19 -0.33	28.85 0.31 0.00	26.47 0.19 0.00	26.07 0.28 0.00	26.63 0.38 0.00	26.52 0.43 0.00	22.71 0.41 0.00	24.53 0.46 0.00	29.42 0.51 -0.24	34.62 0.84 -1.69	33.95 0.97 -1.60	37.40 0.82 -2.10	38.92 0.72 -2.31	39.80 1.18 -2.37	41.04 0.95 -2.60	68.17 1.56 -6.19	84.23 1.99 -7.70	106.56 3.57 -6.72	76.12 2.93 -4.82	49.15 2.09 -3.23	53.05 2.46 -4.00	48.45 2.54 -3.35	39.40 1.87 -2.21	33.20 1.28 -1.43
COLDSPRG_115KV_BK1 355956	29.83 1.28 0.00	29.59 1.06 0.00	26.72 0.45 0.00	26.01 0.23 0.00	26.43 0.19 0.00	26.35 0.26 0.00	22.75 0.46 0.00	24.53 0.46 0.00	29.40 0.73 0.00	33.58 1.50 0.00	33.13 1.75 0.00	36.81 2.33 0.00	38.34 2.46 0.00	38.34 2.09 0.00	39.56 2.06 0.00	63.84 3.42 0.00	79.02 4.47 0.00	99.13 2.85 0.00	69.90 1.52 0.00	44.85 1.02 0.00	47.65 1.07 0.00	43.40 0.85 0.00	36.07 0.75 0.00	31.20 0.72 0.00
COLONIE_LFGE___ 323577	29.56 1.01 0.00	29.51 0.98 0.00	27.12 0.84 0.00	26.63 0.84 0.00	27.10 0.86 0.00	26.94 0.86 0.00	23.18 0.89 0.00	25.07 1.01 0.00	30.06 1.04 -0.36	33.74 1.06 -0.61	34.50 0.97 -2.16	34.65 1.05 0.88	36.40 1.13 0.61	37.03 1.20 0.42	38.19 1.17 0.48	62.31 1.89 0.00	76.68 2.13 0.00	99.85 3.59 0.00	80.11 2.68 -9.06	46.72 1.90 -0.99	48.59 2.01 0.00	44.24 1.69 0.00	36.71 1.39 0.00	31.64 1.16 0.00
COOPERNY_115KV_TB1 80082	29.49 0.94 0.00	29.39 0.85 0.00	26.91 0.63 0.00	26.35 0.57 0.00	26.81 0.56 0.00	26.65 0.57 0.00	23.01 0.71 0.00	24.95 0.88 0.00	28.91 1.06 0.81	31.92 1.24 1.40	27.70 1.26 4.93	36.27 1.45 -0.35	37.75 1.62 -0.24	38.15 1.73 -0.17	39.47 1.78 -0.19	63.26 2.84 0.00	78.23 3.68 0.00	100.97 4.71 0.00	50.16 3.28 21.49	38.34 1.92 7.41	48.54 1.95 0.00	44.34 1.78 0.00	36.34 1.44 0.42	31.65 1.16 0.00
COPENHAGEN_WT_PWR 323753	28.66 -0.24 -0.35	28.51 -0.03 0.00	26.17 -0.10 0.00	25.80 0.02 0.00	26.36 0.12 0.00	26.28 0.20 0.00	22.50 0.21 0.00	24.31 0.24 0.00	29.18 0.26 -0.25	34.36 0.51 -1.78	33.68 0.62 -1.68	37.20 0.52 -2.21	38.75 0.45 -2.42	39.52 0.79 -2.49	40.84 0.63 -2.72	67.91 1.01 -6.49	83.87 1.26 -8.07	105.80 2.48 -7.05	75.46 2.04 -5.05	48.69 1.48 -3.39	52.55 1.77 -4.20	47.92 1.85 -3.52	38.94 1.30 -2.32	32.86 0.87 -1.50
CORNELL_____ 23752	29.62 0.86 -0.21	29.35 0.81 0.00	26.81 0.53 0.00	26.26 0.48 0.00	26.74 0.50 0.00	26.59 0.50 0.00	22.87 0.57 0.00	24.69 0.62 0.00	29.62 0.81 -0.15	34.23 1.11 -1.04	33.53 1.17 -0.99	37.10 1.33 -1.30	38.67 1.36 -1.42	39.07 1.36 -1.46	40.53 1.43 -1.60	66.67 2.44 -3.81	82.37 3.08 -4.74	103.83 3.43 -4.14	73.90 2.56 -2.97	47.56 1.75 -1.99	50.97 1.92 -2.46	46.25 1.63 -2.07	37.95 1.26 -1.36	32.32 0.95 -0.88

CORONA_69_KV_TB1 355595	32.50 2.29 -1.65	30.65 2.12 0.00	30.43 1.76 -2.40	30.47 1.62 -3.06	32.18 1.61 -4.33	27.68 1.60 0.00	23.99 1.69 0.00	26.11 2.04 0.00	33.35 2.50 -2.18	38.53 2.79 -3.67	47.12 2.81 -12.94	38.32 3.15 -0.69	39.98 3.61 -0.48	40.42 3.84 -0.33	54.06 3.92 -12.64	66.21 5.79 0.00	94.13 7.54 -12.04	117.78 9.47 -12.04	122.11 6.54 -47.21	64.98 3.91 -17.24	50.73 4.06 -0.09	46.69 3.72 -0.42	39.53 3.19 -1.01	35.08 2.75 -1.85
CORTLAND_115KV_TB3 80093	29.39 0.64 -0.20	29.14 0.60 0.00	26.64 0.36 0.00	26.12 0.33 0.00	26.59 0.35 0.00	26.43 0.35 0.00	22.73 0.43 0.00	24.53 0.46 0.00	29.39 0.58 -0.14	33.93 0.82 -1.04	33.27 0.91 -0.98	36.79 1.03 -1.28	38.38 1.09 -1.41	38.72 1.03 -1.45	40.17 1.09 -1.58	66.12 1.92 -3.78	81.59 2.35 -4.70	103.01 2.64 -4.10	73.27 1.96 -2.94	47.12 1.32 -1.97	50.49 1.47 -2.44	45.86 1.25 -2.05	37.65 0.97 -1.35	32.08 0.72 -0.88
COXSACKIE___GT 23611	30.54 1.99 0.00	30.44 1.91 0.00	27.92 1.65 0.00	27.42 1.63 0.00	27.90 1.65 0.00	27.70 1.62 0.00	23.84 1.55 0.00	25.77 1.70 0.00	30.60 1.93 0.00	34.02 1.95 0.00	33.17 1.79 0.00	35.92 1.69 0.25	37.60 1.89 0.17	38.12 1.99 0.12	39.98 2.62 0.14	65.35 4.93 0.00	79.44 4.90 0.00	102.29 6.02 0.00	78.43 4.90 -5.16	47.94 3.55 -0.56	50.46 3.88 0.00	45.94 3.38 0.00	38.04 2.71 0.00	32.80 2.31 0.00
CPV_VALLEY___CC1 323721	29.58 1.03 0.00	29.47 0.94 0.00	26.97 0.70 0.00	26.41 0.62 0.00	26.85 0.60 0.00	26.70 0.61 0.00	23.10 0.81 0.00	25.08 1.01 0.00	28.62 1.22 1.27	31.28 1.40 2.18	25.07 1.40 7.70	36.54 1.57 -0.49	38.01 1.78 -0.34	38.43 1.94 -0.24	39.79 2.02 -0.27	63.67 3.25 0.00	78.67 4.13 0.00	101.57 5.30 0.00	38.17 3.67 33.87	34.32 2.10 11.61	48.68 2.10 0.00	44.49 1.94 0.00	36.23 1.57 0.66	31.77 1.28 0.00
CPV_VALLEY___CC2 323722	29.58 1.03 0.00	29.47 0.94 0.00	26.97 0.70 0.00	26.41 0.62 0.00	26.85 0.60 0.00	26.70 0.61 0.00	23.10 0.81 0.00	25.08 1.01 0.00	28.62 1.22 1.27	31.28 1.40 2.18	25.07 1.40 7.70	36.54 1.57 -0.49	38.01 1.78 -0.34	38.43 1.94 -0.24	39.79 2.02 -0.27	63.67 3.25 0.00	78.67 4.13 0.00	101.57 5.30 0.00	38.17 3.67 33.87	34.32 2.10 11.61	48.68 2.10 0.00	44.49 1.94 0.00	36.23 1.57 0.66	31.77 1.28 0.00
CRESCENT___HYD 24018	29.56 1.01 0.00	29.51 0.98 0.00	27.12 0.84 0.00	26.63 0.84 0.00	27.10 0.86 0.00	26.94 0.86 0.00	23.18 0.89 0.00	25.07 1.01 0.00	30.06 1.04 -0.36	33.74 1.06 -0.61	34.50 0.97 -2.16	34.65 1.05 0.88	36.40 1.13 0.61	37.03 1.20 0.42	38.19 1.17 0.48	62.31 1.89 0.00	76.68 2.13 0.00	99.85 3.59 0.00	80.11 2.68 -9.06	46.72 1.90 -0.99	48.59 2.01 0.00	44.24 1.69 0.00	36.71 1.39 0.00	31.64 1.16 0.00
CRICKET___VALLEY_CC1 323756	29.58 1.03 0.00	29.48 0.94 0.00	26.98 0.70 0.00	26.43 0.64 0.00	26.87 0.63 0.00	26.74 0.66 0.00	23.16 0.87 0.00	25.18 1.11 0.00	30.79 1.26 -0.87	34.92 1.35 -1.50	37.97 1.32 -5.27	26.44 1.45 9.49	30.95 1.68 6.61	33.57 1.84 4.53	34.14 1.89 5.25	63.54 3.12 0.00	78.36 3.81 0.00	101.65 5.39 0.00	100.75 3.90 -28.48	54.59 2.22 -8.54	48.81 2.22 0.00	44.53 1.97 0.00	37.39 1.61 -0.45	31.79 1.31 0.00
CRICKET___VALLEY_CC2 323757	29.58 1.03 0.00	29.48 0.94 0.00	26.98 0.70 0.00	26.43 0.64 0.00	26.87 0.63 0.00	26.74 0.66 0.00	23.16 0.87 0.00	25.18 1.11 0.00	30.79 1.26 -0.87	34.92 1.35 -1.50	37.97 1.32 -5.27	26.44 1.45 9.49	30.95 1.68 6.61	33.57 1.84 4.53	34.14 1.89 5.25	63.54 3.12 0.00	78.36 3.81 0.00	101.65 5.39 0.00	100.75 3.90 -28.48	54.59 2.22 -8.54	48.81 2.22 0.00	44.53 1.97 0.00	37.39 1.61 -0.45	31.79 1.31 0.00
CRICKET___VALLEY_CC3 323758	29.58 1.03 0.00	29.48 0.94 0.00	26.98 0.70 0.00	26.43 0.64 0.00	26.87 0.63 0.00	26.74 0.66 0.00	23.16 0.87 0.00	25.18 1.11 0.00	30.79 1.26 -0.87	34.92 1.35 -1.50	37.97 1.32 -5.27	26.44 1.45 9.49	30.95 1.68 6.61	33.57 1.84 4.53	34.14 1.89 5.25	63.54 3.12 0.00	78.36 3.81 0.00	101.65 5.39 0.00	100.75 3.90 -28.48	54.59 2.22 -8.54	48.81 2.22 0.00	44.53 1.97 0.00	37.39 1.61 -0.45	31.79 1.31 0.00
CRUCIBLE_METL_DRP 24180	29.01 0.06 -0.40	28.62 0.09 0.00	26.22 -0.05 0.00	25.70 -0.09 0.00	26.15 -0.09 0.00	26.00 -0.08 0.00	22.31 0.02 0.00	24.04 -0.03 0.00	28.99 0.04 -0.28	34.29 0.21 -2.00	33.57 0.30 -1.90	37.35 0.39 -2.49	39.04 0.43 -2.73	39.46 0.41 -2.80	41.01 0.44 -3.07	68.53 0.80 -7.32	84.71 1.07 -9.10	105.26 1.05 -7.95	74.78 0.71 -5.70	48.09 0.44 -3.82	51.79 0.48 -4.73	46.85 0.33 -3.97	38.14 0.21 -2.61	32.29 0.11 -1.70
DAHOWA___HYDRO 323763	30.27 1.71 0.00	30.15 1.61 0.00	27.65 1.37 0.00	27.16 1.37 0.00	27.63 1.39 0.00	27.47 1.39 0.00	23.64 1.35 0.00	25.59 1.52 0.00	30.60 1.60 -0.33	34.39 1.75 -0.57	34.98 1.58 -2.02	35.52 1.77 0.72	37.28 1.90 0.50	37.81 1.90 0.34	38.97 1.87 0.40	63.70 3.27 0.00	78.51 3.96 0.00	102.39 6.12 0.00	81.38 4.62 -8.38	48.06 3.32 -0.92	50.17 3.58 0.00	45.58 3.03 0.00	37.77 2.45 0.00	32.48 2.00 0.00
DANC___LFGE 323619	28.72 -0.27 -0.44	28.40 -0.14 0.00	26.06 -0.22 0.00	25.63 -0.16 0.00	26.14 -0.10 0.00	26.02 -0.07 0.00	22.28 -0.02 0.00	24.04 -0.04 0.00	28.95 -0.03 -0.31	34.49 0.19 -2.23	33.78 0.30 -2.11	37.47 0.23 -2.77	39.13 0.21 -3.03	39.76 0.39 -3.11	41.18 0.27 -3.41	68.96 0.40 -8.13	85.14 0.49 -10.11	106.21 1.11 -8.83	75.68 0.98 -6.33	48.82 0.74 -4.24	52.78 0.93 -5.26	47.99 1.03 -4.41	38.93 0.70 -2.90	32.78 0.41 -1.89
DANSKAMMER___1 23586	30.28 1.73 0.00	30.12 1.59 0.00	27.54 1.27 0.00	26.95 1.17 0.00	27.41 1.16 0.00	27.26 1.18 0.00	23.60 1.31 0.00	25.67 1.60 0.00	30.62 1.96 0.00	34.33 2.25 0.00	33.65 2.27 0.00	37.58 2.57 -0.53	39.12 2.87 -0.37	39.57 3.07 -0.25	41.02 3.23 -0.30	65.68 5.26 0.00	81.16 6.62 0.00	104.82 8.56 0.00	80.30 5.96 -5.97	47.96 3.47 -0.65	50.08 3.50 0.00	45.72 3.16 0.00	37.90 2.57 0.00	32.59 2.10 0.00
DANSKAMMER___2 23589	30.28 1.73 0.00	30.12 1.59 0.00	27.54 1.27 0.00	26.95 1.17 0.00	27.41 1.16 0.00	27.26 1.18 0.00	23.60 1.31 0.00	25.67 1.60 0.00	30.62 1.96 0.00	34.33 2.25 0.00	33.65 2.27 0.00	37.58 2.57 -0.53	39.12 2.87 -0.37	39.57 3.07 -0.25	41.02 3.23 -0.30	65.68 5.26 0.00	81.16 6.62 0.00	104.82 8.56 0.00	80.30 5.96 -5.97	47.96 3.47 -0.65	50.08 3.50 0.00	45.72 3.16 0.00	37.90 2.57 0.00	32.59 2.10 0.00
DANSKAMMER___3 23590	30.28 1.73 0.00	30.12 1.59 0.00	27.54 1.27 0.00	26.95 1.17 0.00	27.41 1.16 0.00	27.26 1.18 0.00	23.60 1.31 0.00	25.67 1.60 0.00	30.62 1.96 0.00	34.33 2.25 0.00	33.65 2.27 0.00	37.58 2.57 -0.53	39.12 2.87 -0.37	39.57 3.07 -0.25	41.02 3.23 -0.30	65.68 5.26 0.00	81.16 6.62 0.00	104.82 8.56 0.00	80.30 5.96 -5.97	47.96 3.47 -0.65	50.08 3.50 0.00	45.72 3.16 0.00	37.90 2.57 0.00	32.59 2.10 0.00

DANSKAMMER___4 23591	30.28 1.73 0.00	30.12 1.59 0.00	27.54 1.27 0.00	26.95 1.17 0.00	27.41 1.16 0.00	27.26 1.18 0.00	23.60 1.31 0.00	25.67 1.60 0.00	30.62 1.96 0.00	34.33 2.25 0.00	33.65 2.27 0.00	37.58 2.57 -0.53	39.12 2.87 -0.37	39.57 3.07 -0.25	41.02 3.23 -0.30	65.68 5.26 0.00	81.16 6.62 0.00	104.82 8.56 0.00	80.30 5.96 -5.97	47.96 3.47 -0.65	50.08 3.50 0.00	45.72 3.16 0.00	37.90 2.57 0.00	32.59 2.10 0.00
DANSKAMMER___DIESEL 23592	30.28 1.73 0.00	30.12 1.59 0.00	27.54 1.27 0.00	26.95 1.17 0.00	27.41 1.16 0.00	27.26 1.18 0.00	23.60 1.31 0.00	25.67 1.60 0.00	30.62 1.95 0.00	34.33 2.25 0.00	33.65 2.27 0.00	37.58 2.57 -0.53	39.12 2.87 -0.37	39.57 3.07 -0.25	41.02 3.23 -0.30	65.68 5.26 0.00	81.16 6.62 0.00	104.83 8.57 0.00	80.30 5.96 -5.97	47.96 3.48 -0.65	50.09 3.50 0.00	45.72 3.17 0.00	37.89 2.57 0.00	32.59 2.10 0.00
DARBY___SOLAR 323810	30.10 1.55 0.00	29.99 1.46 0.00	27.52 1.24 0.00	27.02 1.23 0.00	27.50 1.25 0.00	27.34 1.26 0.00	23.52 1.23 0.00	25.45 1.38 0.00	30.44 1.44 -0.34	34.21 1.56 -0.58	34.83 1.42 -2.04	35.31 1.58 0.75	37.07 1.70 0.52	37.61 1.72 0.36	38.76 1.68 0.41	63.35 2.93 0.00	78.07 3.53 0.00	101.79 5.53 0.00	81.01 4.16 -8.48	47.74 2.98 -0.93	49.80 3.22 0.00	45.28 2.72 0.00	37.52 2.20 0.00	32.30 1.81 0.00
DASHVILLE___HYD 23610	29.98 1.43 0.00	29.82 1.29 0.00	27.28 1.00 0.00	26.69 0.91 0.00	27.14 0.90 0.00	26.99 0.91 0.00	23.38 1.08 0.00	25.44 1.37 0.00	30.37 1.71 0.00	34.06 1.99 0.00	33.36 1.99 0.00	37.08 2.31 -0.29	38.66 2.58 -0.20	39.14 2.75 -0.14	40.50 2.84 -0.16	64.96 4.54 0.00	80.30 5.76 0.00	103.57 7.31 0.00	73.32 4.95 0.00	46.60 2.77 0.00	49.36 2.78 0.00	45.14 2.58 0.00	37.42 2.10 0.00	32.17 1.68 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	32.79 2.58 -1.65	30.93 2.40 0.00	30.81 2.13 -2.40	30.85 2.01 -3.06	32.51 1.94 -4.33	27.98 1.89 0.00	24.26 1.97 0.00	26.48 2.41 0.00	33.78 2.93 -2.18	38.88 3.14 -3.67	47.36 3.05 -12.94	38.47 3.37 -0.62	40.59 4.22 -0.48	41.12 4.54 -0.33	57.28 4.58 -15.20	67.29 6.86 0.00	137.05 9.14 -53.36	127.31 11.13 -19.91	126.13 7.42 -50.34	65.70 4.63 -17.24	51.66 4.99 -0.09	47.23 4.25 -0.42	39.95 3.61 -1.01	35.64 3.31 -1.85
DELAWARE___LFGE 323621	29.57 0.95 -0.07	29.41 0.87 0.00	26.94 0.66 0.00	26.44 0.65 0.00	26.94 0.69 0.00	26.74 0.66 0.00	22.99 0.69 0.00	24.89 0.82 0.00	29.72 1.00 -0.05	33.64 1.23 -0.33	32.97 1.27 -0.32	36.35 1.46 -0.41	37.93 1.60 -0.46	38.37 1.65 -0.47	39.70 1.70 -0.51	64.35 2.72 -1.22	79.29 3.23 -1.52	101.47 3.88 -1.33	72.06 2.74 -0.95	46.17 1.70 -0.64	49.22 1.85 -0.79	44.89 1.67 -0.66	37.12 1.37 -0.44	31.87 1.11 -0.28
DERFIELD_115KV_TB7 355931	28.70 0.14 0.00	28.69 0.15 0.00	26.38 0.10 0.00	25.89 0.10 0.00	26.35 0.11 0.00	26.19 0.10 0.00	22.44 0.15 0.00	24.24 0.17 0.00	28.84 0.17 0.00	32.29 0.22 0.00	31.59 0.21 0.00	34.73 0.25 0.00	36.17 0.28 0.00	36.56 0.31 0.00	37.80 0.30 0.00	60.90 0.48 0.00	75.07 0.52 0.00	96.99 0.72 0.00	68.92 0.55 0.00	44.18 0.35 0.00	46.96 0.38 0.00	42.90 0.34 0.00	35.57 0.25 0.00	30.70 0.21 0.00
DOGLEVILLE___HYD 23807	29.18 0.63 0.00	29.11 0.58 0.00	26.68 0.40 0.00	26.15 0.36 0.00	26.64 0.39 0.00	26.44 0.36 0.00	22.83 0.53 0.00	24.71 0.65 0.00	29.27 0.61 0.00	32.61 0.54 0.00	31.76 0.38 0.00	35.01 0.54 0.00	36.65 0.77 0.00	37.08 0.83 0.00	37.97 0.47 0.00	61.33 0.91 0.00	76.07 1.52 0.00	98.86 2.60 0.00	70.22 1.85 0.00	45.51 1.69 0.00	48.49 1.91 0.00	44.13 1.57 0.00	36.55 1.23 0.00	31.27 0.78 0.00
DUNKIRK___115KV_TB_200 55889	29.29 0.74 0.00	29.07 0.54 0.00	26.27 -0.01 0.00	25.57 -0.21 0.00	25.98 -0.27 0.00	25.88 -0.20 0.00	22.29 -0.01 0.00	23.97 -0.10 0.00	28.70 0.03 0.00	32.75 0.67 0.00	32.40 1.02 0.00	36.01 1.54 0.00	37.49 1.60 0.00	37.46 1.21 0.00	38.65 1.15 0.00	62.43 2.00 0.00	77.28 2.74 -0.01	97.08 0.80 -0.01	68.44 0.07 -0.01	43.92 0.09 0.00	46.66 0.07 0.00	42.51 -0.05 0.00	35.34 0.01 0.00	30.62 0.14 0.00
DUNKIRK___1 23563	29.29 0.74 0.00	29.07 0.54 0.00	26.27 -0.01 0.00	25.57 -0.21 0.00	25.98 -0.27 0.00	25.88 -0.20 0.00	22.29 -0.01 0.00	23.97 -0.10 0.00	28.70 0.03 0.00	32.75 0.67 0.00	32.40 1.02 0.00	36.01 1.54 0.00	37.49 1.60 0.00	37.46 1.21 0.00	38.65 1.15 0.00	62.43 2.00 0.00	77.28 2.74 -0.01	97.08 0.80 -0.01	68.44 0.07 -0.01	43.92 0.09 0.00	46.66 0.07 0.00	42.51 -0.05 0.00	35.34 0.01 0.00	30.62 0.14 0.00
DUNKIRK___2 23564	29.29 0.74 0.00	29.07 0.54 0.00	26.27 -0.01 0.00	25.57 -0.21 0.00	25.98 -0.27 0.00	25.88 -0.20 0.00	22.29 -0.01 0.00	23.97 -0.10 0.00	28.70 0.03 0.00	32.75 0.67 0.00	32.40 1.02 0.00	36.01 1.54 0.00	37.49 1.60 0.00	37.46 1.21 0.00	38.65 1.15 0.00	62.43 2.00 0.00	77.28 2.74 -0.01	97.08 0.80 -0.01	68.44 0.07 -0.01	43.92 0.09 0.00	46.66 0.07 0.00	42.51 -0.05 0.00	35.34 0.01 0.00	30.62 0.14 0.00
DUNKIRK___3 23565	29.11 0.56 0.00	28.90 0.36 0.00	26.11 -0.16 0.00	25.45 -0.34 0.00	25.84 -0.40 0.00	25.74 -0.34 0.00	22.17 -0.12 0.00	23.82 -0.25 0.00	28.52 -0.14 0.00	32.52 0.45 0.00	32.18 0.81 0.00	35.74 1.26 0.00	37.16 1.28 0.00	37.12 0.87 0.00	38.31 0.81 0.00	61.83 1.40 0.00	76.52 1.98 0.00	96.17 -0.10 0.00	67.82 -0.55 0.00	43.55 -0.28 0.00	46.27 -0.32 0.00	42.17 -0.38 0.00	35.08 -0.24 0.00	30.43 -0.05 0.00
DUNKIRK___4 23566	29.11 0.56 0.00	28.90 0.36 0.00	26.11 -0.16 0.00	25.45 -0.34 0.00	25.84 -0.40 0.00	25.74 -0.34 0.00	22.17 -0.12 0.00	23.82 -0.25 0.00	28.52 -0.14 0.00	32.52 0.45 0.00	32.18 0.81 0.00	35.74 1.26 0.00	37.16 1.28 0.00	37.12 0.87 0.00	38.31 0.81 0.00	61.83 1.40 0.00	76.52 1.98 0.00	96.17 -0.10 0.00	67.82 -0.55 0.00	43.55 -0.28 0.00	46.27 -0.32 0.00	42.17 -0.38 0.00	35.08 -0.24 0.00	30.43 -0.05 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.25 1.70 0.00	30.11 1.57 0.00	27.52 1.25 0.00	26.92 1.13 0.00	27.36 1.11 0.00	27.22 1.13 0.00	23.61 1.32 0.00	25.70 1.63 0.00	32.77 1.99 -2.12	37.96 2.25 -3.63	46.45 2.26 -12.81	37.69 2.51 -0.69	39.21 2.85 -0.48	39.61 3.03 -0.33	41.05 3.17 -0.38	65.52 5.09 0.00	80.92 6.38 0.00	104.41 8.14 0.00	121.01 5.66 -46.98	64.15 3.23 -17.10	49.81 3.23 0.00	45.53 2.98 0.00	38.82 2.49 -1.00	32.56 2.08 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.04 1.48 0.00	29.89 1.35 0.00	27.34 1.06 0.00	26.75 0.96 0.00	27.20 0.95 0.00	27.05 0.96 0.00	23.42 1.13 0.00	25.46 1.39 0.00	29.73 1.70 0.63	32.94 1.95 1.09	29.51 1.96 3.83	37.22 2.21 -0.53	38.73 2.48 -0.37	39.16 2.66 -0.25	40.59 2.80 -0.29	64.96 4.54 0.00	80.32 5.77 0.00	103.67 7.41 0.00	59.19 5.15 14.33	41.30 2.98 5.51	49.58 3.00 0.00	45.30 2.74 0.00	37.22 2.23 0.33	32.30 1.82 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	30.32 1.77 0.00	30.19 1.65 0.00	27.59 1.32 0.00	26.95 1.16 0.00	27.39 1.15 0.00	27.28 1.19 0.00	23.71 1.42 0.00	25.72 1.65 0.00	32.78 1.99 -2.12	37.94 2.24 -3.64	46.45 2.26 -12.82	37.66 2.49 -0.69	39.21 2.84 -0.48	39.58 3.00 -0.33	41.03 3.15 -0.38	65.55 5.13 0.00	80.93 6.39 0.00	104.48 8.21 0.00	121.06 5.69 -47.00	64.20 3.26 -17.11	49.83 3.24 0.00	45.54 2.99 0.00	38.84 2.51 -1.00	32.56 2.08 0.00
E179THST_13_KV_LOAD 356214	30.50 1.94 0.00	30.36 1.83 0.00	27.75 1.47 0.00	27.09 1.31 0.00	27.54 1.30 0.00	27.43 1.35 0.00	23.85 1.56 0.00	25.88 1.81 0.00	32.97 2.19 -2.12	38.17 2.46 -3.64	46.68 2.48 -12.82	37.93 2.76 -0.69	39.49 3.12 -0.48	39.86 3.28 -0.33	41.33 3.45 -0.38	66.05 5.63 0.00	81.54 7.00 0.00	105.25 8.99 0.00	121.60 6.22 -47.00	64.53 3.59 -17.11	50.18 3.60 0.00	45.86 3.31 0.00	39.10 2.78 -1.00	32.78 2.30 0.00
EAST HAMPTON___GT 23717	32.56 2.35 -1.66	30.76 2.22 0.00	30.75 2.07 -2.41	30.82 1.97 -3.06	32.42 1.85 -4.33	27.89 1.81 0.00	24.18 1.89 0.00	26.47 2.41 0.00	33.67 2.83 -2.18	38.57 2.82 -3.67	47.08 2.76 -12.94	38.21 3.11 -0.62	40.43 4.06 -0.49	40.93 4.34 -0.33	56.87 4.17 -15.21	66.57 6.15 0.00	136.40 8.45 -53.40	126.66 10.46 -19.93	125.39 6.67 -50.35	65.10 4.02 -17.24	51.39 4.72 -0.09	46.88 3.91 -0.42	39.70 3.37 -1.01	35.65 3.31 -1.85
EAST RIVER___6 23660	30.40 1.85 0.00	30.24 1.71 0.00	27.64 1.36 0.00	27.02 1.23 0.00	27.46 1.22 0.00	27.31 1.23 0.00	23.70 1.40 0.00	25.83 1.76 0.00	32.95 2.16 -2.12	38.18 2.47 -3.64	46.71 2.51 -12.83	37.98 2.81 -0.69	39.53 3.16 -0.48	39.94 3.36 -0.33	41.40 3.52 -0.38	66.12 5.70 0.00	81.65 7.10 0.00	105.21 8.94 0.00	121.58 6.20 -47.01	64.44 3.50 -17.12	50.09 3.51 0.00	45.79 3.23 0.00	39.01 2.68 -1.00	32.79 2.31 0.00
EAST RIVER___7 23524	30.40 1.85 0.00	30.24 1.71 0.00	27.64 1.36 0.00	27.02 1.23 0.00	27.46 1.22 0.00	27.31 1.23 0.00	23.70 1.40 0.00	25.83 1.76 0.00	32.95 2.16 -2.12	38.18 2.47 -3.64	46.71 2.51 -12.83	37.98 2.81 -0.69	39.53 3.16 -0.48	39.94 3.36 -0.33	41.40 3.52 -0.38	66.12 5.70 0.00	81.65 7.10 0.00	105.21 8.94 0.00	121.58 6.20 -47.01	64.44 3.50 -17.12	50.09 3.51 0.00	45.79 3.23 0.00	39.01 2.68 -1.00	32.79 2.31 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.17 1.62 0.00	30.03 1.49 0.00	27.46 1.18 0.00	26.86 1.07 0.00	27.30 1.05 0.00	27.16 1.08 0.00	23.55 1.25 0.00	25.62 1.55 0.00	32.83 1.90 -2.26	38.10 2.15 -3.88	47.21 2.15 -13.68	37.57 2.40 -0.69	39.08 2.71 -0.48	39.48 2.90 -0.33	40.90 3.02 -0.38	65.28 4.86 0.00	80.63 6.09 0.00	104.08 7.82 0.00	122.49 5.43 -48.69	65.41 3.09 -18.48	49.69 3.10 0.00	45.41 2.85 0.00	38.79 2.36 -1.10	32.46 1.97 0.00
EAST_HAMPTON___DIESEL 23722	32.48 2.27 -1.66	30.68 2.15 0.00	30.69 2.01 -2.41	30.76 1.92 -3.06	32.36 1.79 -4.33	27.83 1.75 0.00	24.13 1.84 0.00	26.43 2.36 0.00	33.62 2.77 -2.18	38.50 2.76 -3.67	47.00 2.69 -12.94	38.13 3.03 -0.62	40.38 4.01 -0.49	40.88 4.30 -0.33	56.79 4.08 -15.21	66.41 5.99 0.00	136.24 8.30 -53.40	126.45 10.26 -19.93	125.23 6.51 -50.35	64.98 3.91 -17.24	51.33 4.65 -0.09	46.74 3.77 -0.42	39.61 3.27 -1.01	35.59 3.25 -1.85
EAST_POINT___SOLAR 323840	30.87 2.31 0.00	30.72 2.19 0.00	28.16 1.88 0.00	27.62 1.83 0.00	28.11 1.86 0.00	27.98 1.89 0.00	23.86 1.57 0.00	25.73 1.66 0.00	30.57 1.90 0.00	34.13 2.06 0.00	33.45 2.08 0.00	36.41 2.36 0.43	37.94 2.36 0.30	38.08 2.03 0.20	39.02 1.76 0.24	63.91 3.49 0.00	80.22 5.67 0.00	103.27 7.00 0.00	79.32 4.99 -5.96	48.44 3.96 -0.65	51.12 4.54 0.00	46.72 4.16 0.00	38.68 3.36 0.00	33.19 2.70 0.00
EAST_PULASKI___ESR 323781	28.91 -0.27 -0.63	28.33 -0.20 0.00	25.98 -0.29 0.00	25.51 -0.28 0.00	25.97 -0.27 0.00	25.81 -0.27 0.00	22.11 -0.18 0.00	23.84 -0.23 0.00	28.86 -0.25 -0.45	35.19 -0.07 -3.19	34.44 0.04 -3.02	38.45 0.02 -3.96	40.25 0.02 -4.35	40.73 0.02 -4.46	42.32 -0.06 -4.88	71.92 -0.14 -11.64	88.82 -0.21 -14.48	108.81 -0.11 -12.65	77.45 0.01 -9.07	49.99 0.08 -6.08	54.35 0.24 -7.53	49.18 0.32 -6.31	39.66 0.18 -4.16	33.20 0.02 -2.70
EAST_RIVER___1 323558	30.37 1.82 0.00	30.21 1.68 0.00	27.61 1.34 0.00	27.00 1.21 0.00	27.44 1.20 0.00	27.30 1.22 0.00	23.70 1.41 0.00	25.81 1.74 0.00	32.93 2.14 -2.12	38.17 2.46 -3.64	46.68 2.48 -12.83	37.94 2.77 -0.69	39.49 3.12 -0.48	39.90 3.32 -0.33	41.35 3.47 -0.38	66.04 5.61 0.00	81.52 6.98 0.00	105.10 8.84 0.00	121.51 6.13 -47.01	64.38 3.44 -17.12	50.01 3.43 0.00	45.74 3.19 0.00	39.01 2.69 -1.00	32.76 2.28 0.00
EAST_RIVER___2 323559	30.40 1.85 0.00	30.24 1.71 0.00	27.64 1.36 0.00	27.02 1.23 0.00	27.46 1.22 0.00	27.31 1.23 0.00	23.70 1.40 0.00	25.83 1.76 0.00	32.95 2.16 -2.12	38.18 2.47 -3.64	46.71 2.51 -12.83	37.98 2.81 -0.69	39.53 3.16 -0.48	39.94 3.36 -0.33	41.40 3.52 -0.38	66.12 5.70 0.00	81.65 7.10 0.00	105.21 8.94 0.00	121.58 6.20 -47.01	64.44 3.50 -17.12	50.09 3.51 0.00	45.79 3.23 0.00	39.01 2.68 -1.00	32.79 2.31 0.00
EAST___DELAWARE_HYD 23607	29.32 0.77 0.00	29.15 0.62 0.00	26.64 0.37 0.00	26.06 0.28 0.00	26.49 0.24 0.00	26.35 0.27 0.00	22.79 0.50 0.00	24.78 0.71 0.00	29.14 0.91 0.44	32.44 1.12 0.76	29.86 1.15 2.67	36.27 1.40 -0.40	37.72 1.56 -0.28	37.35 0.91 -0.19	38.72 1.00 -0.22	62.09 1.66 0.00	77.09 2.54 0.00	99.49 3.22 0.00	58.95 2.16 11.58	40.99 1.17 4.01	47.80 1.21 0.00	44.57 2.01 0.00	36.64 1.55 0.23	31.65 1.17 0.00
EIGHT_POINT___WT_PWR 323820	29.63 1.00 -0.08	29.35 0.81 0.00	26.61 0.34 0.00	26.00 0.21 0.00	26.44 0.19 0.00	26.33 0.24 0.00	22.69 0.39 0.00	24.40 0.33 0.00	29.28 0.55 -0.06	33.59 1.10 -0.42	33.03 1.26 -0.39	36.58 1.59 -0.52	38.06 1.61 -0.57	38.10 1.27 -0.58	39.45 1.31 -0.64	64.13 2.19 -1.52	79.56 3.13 -1.89	100.14 2.22 -1.65	70.94 1.39 -1.19	45.59 0.97 -0.79	48.76 1.20 -0.98	44.30 0.92 -0.82	36.76 0.89 -0.54	31.66 0.82 -0.35
ELBRIDGE_115KV_TB2 80188	28.90 -0.07 -0.42	28.49 -0.05 0.00	26.09 -0.19 0.00	25.57 -0.22 0.00	26.02 -0.23 0.00	25.87 -0.21 0.00	22.20 -0.09 0.00	23.91 -0.16 0.00	28.87 -0.09 -0.30	34.26 0.06 -2.12	33.55 0.16 -2.01	37.34 0.23 -2.64	39.03 0.25 -2.89	39.44 0.22 -2.97	40.98 0.23 -3.25	68.62 0.45 -7.75	84.78 0.59 -9.64	105.07 0.38 -8.42	74.63 0.23 -6.03	48.01 0.13 -4.04	51.79 0.19 -5.01	46.80 0.04 -4.20	38.09 -0.01 -2.77	32.23 -0.05 -1.80
ELEC_TRO_TEK 24086	32.28 2.08 -1.65	30.45 1.91 0.00	30.25 1.58 -2.40	30.30 1.46 -3.06	32.02 1.45 -4.33	27.52 1.44 0.00	23.86 1.56 0.00	25.95 1.88 0.00	33.16 2.31 -2.18	38.31 2.56 -3.67	46.88 2.56 -12.94	38.01 2.84 -0.69	39.66 3.29 -0.48	40.07 3.49 -0.33	53.77 3.63 -12.64	65.88 5.45 0.00	94.93 6.98 -13.41	118.42 8.74 -13.41	121.63 6.05 -47.21	64.68 3.61 -17.24	50.31 3.64 -0.09	46.33 3.36 -0.42	39.21 2.87 -1.01	34.80 2.46 -1.85

ELLENBURG_WT_PWR 323604	28.52 -0.03 0.00	28.50 -0.03 0.00	26.18 -0.10 0.00	25.78 0.00 0.00	26.31 0.07 0.00	26.23 0.15 0.00	22.28 -0.01 0.00	24.08 0.01 0.00	28.63 -0.03 0.00	31.90 -0.18 0.00	31.27 -0.10 0.00	34.34 -0.14 0.00	35.59 -0.30 0.00	35.91 -0.34 0.00	37.05 -0.45 0.00	60.01 -0.41 0.00	74.24 -0.30 0.00	96.13 -0.13 0.00	68.27 -0.10 0.00	43.86 0.03 0.00	46.62 0.04 0.00	42.53 -0.03 0.00	35.31 -0.01 0.00	30.48 0.00 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.81 0.26 0.00	28.57 0.04 0.00	25.84 -0.44 0.00	25.20 -0.59 0.00	25.57 -0.68 0.00	25.46 -0.63 0.00	21.88 -0.41 0.00	23.46 -0.61 0.00	28.14 -0.52 0.00	32.06 -0.02 0.00	31.83 0.45 0.00	35.22 0.74 0.00	36.50 0.61 0.00	36.33 0.08 0.00	37.51 0.01 0.00	60.47 0.04 0.00	74.82 0.27 0.00	94.13 -2.13 0.00	66.44 -1.94 0.00	42.68 -1.15 0.00	45.33 -1.25 0.00	41.39 -1.16 0.00	34.46 -0.87 0.00	30.04 -0.45 0.00
EMPIRE_CC_1 323656	29.07 0.52 0.00	29.08 0.55 0.00	26.77 0.50 0.00	26.31 0.52 0.00	26.76 0.52 0.00	26.57 0.49 0.00	22.92 0.62 0.00	24.70 0.63 0.00	29.74 0.62 -0.46	33.40 0.54 -0.79	34.60 0.44 -2.77	33.76 0.46 1.17	35.54 0.48 0.82	36.27 0.58 0.56	37.38 0.54 0.65	61.20 0.77 0.00	75.26 0.72 0.00	98.02 1.75 0.00	83.26 1.36 -13.53	49.11 0.95 -4.33	47.55 0.97 0.00	43.34 0.79 0.00	36.22 0.66 -0.24	31.07 0.59 0.00
EMPIRE_CC_2 323658	29.07 0.52 0.00	29.08 0.55 0.00	26.77 0.50 0.00	26.31 0.52 0.00	26.76 0.52 0.00	26.57 0.49 0.00	22.92 0.62 0.00	24.70 0.63 0.00	29.74 0.62 -0.46	33.40 0.54 -0.79	34.60 0.44 -2.77	33.76 0.46 1.17	35.54 0.48 0.82	36.27 0.58 0.56	37.38 0.54 0.65	61.20 0.77 0.00	75.26 0.72 0.00	98.02 1.75 0.00	83.26 1.36 -13.53	49.11 0.95 -4.33	47.55 0.97 0.00	43.34 0.79 0.00	36.22 0.66 -0.24	31.07 0.59 0.00
ENORWICH_115KV_TB1 80156	31.09 2.39 -0.15	30.80 2.26 0.00	28.09 1.81 0.00	27.52 1.73 0.00	28.00 1.76 0.00	27.89 1.81 0.00	24.04 1.74 0.00	26.02 1.95 0.00	31.12 2.34 -0.11	35.76 2.91 -0.78	35.04 2.93 -0.73	38.62 3.18 -0.97	40.26 3.32 -1.06	40.72 3.38 -1.09	42.30 3.61 -1.19	69.13 5.87 -2.84	85.56 7.49 -3.53	108.37 9.02 -3.09	77.40 6.82 -2.21	49.87 4.56 -1.48	53.38 4.96 -1.84	48.46 4.37 -1.54	39.80 3.46 -1.01	33.84 2.70 -0.66
ERIE_ST_34_KV_TB1-2 80199	29.12 0.56 0.00	28.86 0.33 0.00	26.09 -0.18 0.00	25.44 -0.35 0.00	25.82 -0.43 0.00	25.71 -0.37 0.00	22.12 -0.18 0.00	23.74 -0.33 0.00	28.51 -0.15 0.00	32.52 0.44 0.00	32.27 0.89 0.00	35.76 1.28 0.00	37.11 1.23 0.00	37.02 0.76 0.00	38.26 0.76 0.00	61.76 1.34 0.00	76.43 1.88 -0.01	96.08 -0.20 -0.01	67.73 -0.65 -0.01	43.51 -0.32 0.00	46.19 -0.40 0.00	42.11 -0.45 0.00	35.00 -0.33 0.00	30.44 -0.05 0.00
ERIE_WT_PWR 323693	29.00 0.45 0.00	28.74 0.21 0.00	25.99 -0.29 0.00	25.34 -0.45 0.00	25.72 -0.52 0.00	25.62 -0.47 0.00	22.02 -0.28 0.00	23.62 -0.45 0.00	28.33 -0.34 0.00	32.28 0.21 0.00	32.06 0.68 0.00	35.49 1.02 0.00	36.81 0.92 0.00	36.68 0.43 0.00	37.87 0.37 0.00	61.11 0.69 0.00	75.60 1.05 -0.01	95.09 -1.19 -0.01	67.08 -1.30 -0.01	43.09 -0.74 0.00	45.76 -0.82 0.00	41.77 -0.79 0.00	34.77 -0.55 0.00	30.26 -0.22 0.00
ESPRGFLD_115KV_TB1 80157	30.31 1.76 0.00	30.17 1.64 0.00	27.64 1.37 0.00	27.11 1.32 0.00	27.59 1.35 0.00	27.44 1.35 0.00	23.48 1.19 0.00	25.38 1.31 0.00	30.36 1.69 0.00	34.14 2.07 0.00	33.56 2.18 0.00	36.66 2.45 0.27	38.27 2.57 0.19	38.67 2.55 0.13	39.87 2.52 0.15	64.69 4.26 0.00	80.24 5.70 0.00	102.94 6.67 0.00	73.07 4.70 0.00	46.93 3.10 0.00	49.92 3.34 0.00	45.64 3.08 0.00	37.82 2.49 0.00	32.49 2.01 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.57 0.81 -0.21	29.29 0.76 0.00	26.77 0.50 0.00	26.22 0.44 0.00	26.70 0.45 0.00	26.55 0.47 0.00	22.83 0.54 0.00	24.64 0.57 0.00	29.57 0.75 -0.15	34.20 1.05 -1.08	33.50 1.11 -1.02	37.07 1.25 -1.34	38.64 1.28 -1.47	39.04 1.28 -1.51	40.50 1.35 -1.66	66.67 2.31 -3.95	82.36 2.91 -4.91	103.76 3.21 -4.29	73.84 2.40 -3.07	47.52 1.63 -2.06	50.95 1.82 -2.55	46.23 1.54 -2.14	37.91 1.18 -1.41	32.29 0.90 -0.91
ETNA____115KV_TB2 80207	29.57 0.81 -0.21	29.29 0.76 0.00	26.77 0.50 0.00	26.22 0.44 0.00	26.70 0.45 0.00	26.55 0.47 0.00	22.83 0.54 0.00	24.64 0.57 0.00	29.57 0.75 -0.15	34.20 1.05 -1.08	33.50 1.11 -1.02	37.07 1.25 -1.34	38.64 1.28 -1.47	39.04 1.28 -1.51	40.50 1.35 -1.66	66.67 2.31 -3.95	82.36 2.91 -4.91	103.76 3.21 -4.29	73.84 2.40 -3.07	47.52 1.63 -2.06	50.95 1.82 -2.55	46.23 1.54 -2.14	37.91 1.18 -1.41	32.29 0.90 -0.91
EUCLID____115KV_TB2 356179	28.50 -0.23 -0.18	28.33 -0.20 0.00	25.97 -0.31 0.00	25.45 -0.34 0.00	25.90 -0.34 0.00	25.74 -0.34 0.00	22.08 -0.21 0.00	23.78 -0.29 0.00	28.50 -0.29 -0.13	32.82 -0.17 -0.91	32.16 -0.08 -0.87	35.56 -0.05 -1.14	37.10 -0.04 -1.25	37.48 -0.06 -1.28	38.84 -0.06 -1.40	63.73 -0.03 -3.34	78.73 0.03 -4.16	99.62 -0.28 -3.63	70.74 -0.23 -2.60	45.42 -0.16 -1.74	48.56 -0.19 -2.16	44.13 -0.23 -1.81	36.30 -0.22 -1.19	31.00 -0.26 -0.78
E_CANADA_CAP_HY 24051	30.58 2.03 0.00	30.47 1.93 0.00	27.94 1.67 0.00	27.42 1.63 0.00	27.89 1.65 0.00	27.75 1.67 0.00	23.69 1.39 0.00	25.54 1.47 0.00	30.53 1.86 0.00	34.19 2.11 0.00	33.56 2.19 0.00	36.49 2.41 0.39	38.09 2.48 0.27	38.46 2.39 0.19	39.52 2.24 0.22	64.35 3.92 0.00	80.15 5.61 0.00	103.06 6.79 0.00	78.45 4.83 -5.25	47.80 3.40 -0.57	50.34 3.76 0.00	46.04 3.49 0.00	38.18 2.86 0.00	32.81 2.32 0.00
E_CANADA_MHWK_HY 24050	29.18 0.63 0.00	29.11 0.58 0.00	26.68 0.40 0.00	26.15 0.36 0.00	26.64 0.39 0.00	26.44 0.36 0.00	22.83 0.53 0.00	24.71 0.65 0.00	29.27 0.61 0.00	32.61 0.54 0.00	31.76 0.38 0.00	35.01 0.54 0.00	36.65 0.77 0.00	37.08 0.83 0.00	37.97 0.47 0.00	61.33 0.91 0.00	76.07 1.52 0.00	98.86 2.60 0.00	70.22 1.85 0.00	45.51 1.69 0.00	48.49 1.91 0.00	44.13 1.57 0.00	36.55 1.23 0.00	31.27 0.78 0.00
E_FISHKILL____LBMP 23776	29.89 1.33 0.00	29.76 1.23 0.00	27.24 0.96 0.00	26.66 0.87 0.00	27.11 0.87 0.00	26.97 0.88 0.00	23.35 1.06 0.00	25.38 1.31 0.00	30.97 1.57 -0.74	35.10 1.76 -1.27	37.59 1.75 -4.46	37.14 1.95 -0.72	38.59 2.21 -0.50	38.97 2.38 -0.34	40.36 2.47 -0.40	64.38 3.96 0.00	79.47 4.92 0.00	102.73 6.46 0.00	105.48 4.54 -32.57	54.40 2.60 -7.97	49.20 2.61 0.00	44.93 2.38 0.00	37.66 1.97 -0.37	32.11 1.63 0.00
FALCON____SEABRD_CC1 323796	28.92 0.37 0.00	28.89 0.35 0.00	26.48 0.21 0.00	26.09 0.30 0.00	26.61 0.36 0.00	26.54 0.45 0.00	22.59 0.30 0.00	24.42 0.35 0.00	28.99 0.32 0.00	32.28 0.21 0.00	31.67 0.30 0.00	34.81 0.33 0.00	36.10 0.21 0.00	36.42 0.17 0.00	37.54 0.04 0.00	60.92 0.50 0.00	75.32 0.78 0.00	97.62 1.35 0.99	69.36 0.99 0.00	44.55 0.72 0.00	47.38 0.79 0.00	43.17 0.61 0.00	35.82 0.50 0.00	30.90 0.41 0.00

FALCON___SEABRD_CC2 323797	28.92 0.37 0.00	28.89 0.35 0.00	26.48 0.21 0.00	26.09 0.30 0.00	26.61 0.36 0.00	26.54 0.45 0.00	22.59 0.30 0.00	24.42 0.35 0.00	28.99 0.32 0.00	32.28 0.21 0.00	31.67 0.30 0.00	34.81 0.33 0.00	36.10 0.21 0.00	36.42 0.17 0.00	37.54 0.04 0.00	60.92 0.50 0.00	75.32 0.78 0.00	97.62 1.35 0.00	69.36 0.99 0.00	44.55 0.72 0.00	47.38 0.79 0.00	43.17 0.61 0.00	35.82 0.50 0.00	30.90 0.41 0.00
FAR ROCKAWAY___4 23548	32.74 2.54 -1.65	30.88 2.34 0.00	30.64 1.96 -2.40	30.67 1.82 -3.06	32.39 1.81 -4.33	27.88 1.79 0.00	24.16 1.86 0.00	26.31 2.24 0.00	33.59 2.75 -2.18	38.85 3.10 -3.67	47.47 3.16 -12.94	38.74 3.57 -0.69	40.42 4.05 -0.48	40.84 4.26 -0.33	54.36 4.22 -12.64	66.36 5.94 0.00	92.53 8.02 -9.96	116.33 10.09 -9.96	122.56 6.98 -47.21	65.13 4.06 -17.24	51.14 4.47 -0.09	47.03 4.05 -0.42	39.85 3.51 -1.01	35.37 3.03 -1.85
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.38 1.83 0.00	30.23 1.69 0.00	27.62 1.35 0.00	27.00 1.21 0.00	27.45 1.20 0.00	27.32 1.24 0.00	23.72 1.42 0.00	25.83 1.76 0.00	32.95 2.16 -2.12	38.18 2.47 -3.64	46.70 2.50 -12.83	37.96 2.79 -0.69	39.50 3.14 -0.48	39.91 3.33 -0.33	41.36 3.48 -0.38	66.07 5.65 0.00	81.57 7.03 0.00	105.14 8.87 0.00	121.54 6.16 -47.01	64.42 3.47 -17.11	50.03 3.45 0.00	45.76 3.20 0.00	39.04 2.71 -1.00	32.77 2.28 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.41 1.86 0.00	30.25 1.71 0.00	27.64 1.37 0.00	27.02 1.23 0.00	27.46 1.22 0.00	27.33 1.25 0.00	23.73 1.43 0.00	25.84 1.77 0.00	32.96 2.18 -2.12	38.20 2.49 -3.64	46.72 2.52 -12.83	37.99 2.82 -0.69	39.53 3.16 -0.48	39.94 3.36 -0.33	41.39 3.51 -0.38	66.11 5.69 0.00	81.63 7.09 0.00	105.21 8.94 0.00	121.59 6.21 -47.01	64.45 3.51 -17.11	50.08 3.49 0.00	45.80 3.25 0.00	39.07 2.75 -1.00	32.80 2.32 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.34 1.79 0.00	30.18 1.65 0.00	27.60 1.32 0.00	26.97 1.19 0.00	27.43 1.18 0.00	27.29 1.21 0.00	23.70 1.41 0.00	25.81 1.74 0.00	32.93 2.14 -2.12	38.17 2.45 -3.64	46.68 2.47 -12.83	37.93 2.76 -0.69	39.47 3.11 -0.48	39.88 3.30 -0.33	41.33 3.45 -0.38	66.01 5.59 0.00	81.50 6.95 0.00	105.05 8.78 0.00	121.48 6.10 -47.01	64.37 3.43 -17.11	49.99 3.40 0.00	45.72 3.16 0.00	39.00 2.68 -1.00	32.74 2.25 0.00
FARRAGUT___LBMP 323566	30.34 1.79 0.00	30.18 1.65 0.00	27.59 1.31 0.00	26.97 1.18 0.00	27.41 1.17 0.00	27.28 1.20 0.00	23.68 1.39 0.00	25.79 1.72 0.00	32.89 2.11 -2.12	38.13 2.42 -3.64	46.64 2.44 -12.83	37.89 2.71 -0.69	39.43 3.06 -0.48	39.83 3.25 -0.33	41.29 3.40 -0.38	65.94 5.52 0.00	81.41 6.87 0.00	104.93 8.66 0.00	121.40 6.03 -47.01	64.33 3.38 -17.11	49.95 3.36 0.00	45.69 3.13 0.00	38.98 2.65 -1.00	32.72 2.23 0.00
FENNER___WINDPWR 24204	29.43 0.72 -0.16	29.23 0.69 0.00	26.79 0.51 0.00	26.27 0.48 0.00	26.74 0.50 0.00	26.58 0.50 0.00	22.82 0.53 0.00	24.64 0.57 0.00	29.49 0.71 -0.11	33.82 0.93 -0.82	33.18 1.04 -0.77	36.66 1.17 -1.02	38.16 1.16 -1.11	38.55 1.15 -1.14	39.94 1.19 -1.25	65.48 2.08 -2.98	80.83 2.58 -3.71	102.78 3.27 -3.24	73.20 2.51 -2.32	47.04 1.66 -1.56	50.31 1.79 -1.93	45.76 1.58 -1.62	37.60 1.21 -1.07	32.09 0.91 -0.69
FIBERTEK___ENERGY 23856	29.01 0.06 -0.40	28.62 0.09 0.00	26.22 -0.05 0.00	25.70 -0.09 0.00	26.15 -0.09 0.00	26.00 -0.08 0.00	22.31 0.02 0.00	24.04 -0.03 0.00	28.99 0.04 -0.28	34.29 0.21 -2.00	33.57 0.30 -1.90	37.35 0.39 -2.49	39.04 0.43 -2.73	39.46 0.41 -2.80	41.01 0.44 -3.07	68.53 0.80 -7.32	84.71 1.07 -9.10	105.26 1.05 -7.95	74.78 0.71 -5.70	48.09 0.44 -3.82	51.79 0.48 -4.73	46.85 0.33 -3.97	38.14 0.21 -2.61	32.29 0.11 -1.70
FITZPATRICK____ 23598	25.62 -0.73 2.19	27.87 -0.67 0.00	25.57 -0.70 0.00	25.07 -0.72 0.00	25.51 -0.73 0.00	25.36 -0.72 0.00	21.73 -0.57 0.00	23.37 -0.70 0.00	26.32 -0.79 1.55	20.17 -0.78 11.12	20.17 -0.69 10.51	19.94 -0.72 13.82	19.98 -0.75 15.16	19.90 -0.80 15.55	19.64 -0.83 17.03	18.52 -1.28 40.62	22.47 -1.56 50.51	49.91 -2.24 44.12	35.13 -1.62 31.62	21.60 -1.04 21.19	19.22 -1.09 26.27	19.50 -1.04 22.01	19.93 -0.89 14.51	20.27 -0.80 9.41
FLOWRFLD_69_KV_BK1 356044	32.66 2.46 -1.65	30.81 2.27 0.00	30.64 1.96 -2.40	30.68 1.83 -3.06	32.39 1.82 -4.33	27.85 1.77 0.00	24.16 1.86 0.00	26.26 2.19 0.00	33.55 2.69 -2.18	38.63 2.89 -3.67	47.08 2.76 -12.94	38.05 3.00 -0.57	40.03 3.66 -0.48	40.58 3.99 -0.34	58.60 4.12 -16.99	66.38 5.95 0.00	171.07 7.73 -88.79	137.75 9.48 -32.00	127.47 6.57 -52.53	65.14 4.07 -17.24	50.72 4.04 -0.09	46.62 3.64 -0.42	39.53 3.19 -1.01	35.13 2.79 -1.85
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.36 1.81 0.00	30.19 1.66 0.00	27.60 1.33 0.00	27.01 1.23 0.00	27.46 1.21 0.00	27.32 1.23 0.00	23.66 1.36 0.00	25.74 1.67 0.00	30.70 2.04 0.00	34.42 2.35 0.00	33.74 2.36 0.00	37.70 2.67 -0.55	39.25 2.98 -0.38	39.70 3.19 -0.26	41.16 3.36 -0.30	65.89 5.47 0.00	81.43 6.88 0.00	105.16 8.89 0.00	84.23 6.20 -9.66	48.50 3.62 -1.06	50.23 3.64 0.00	45.85 3.29 0.00	37.99 2.67 0.00	32.67 2.18 0.00
FORT ORANGE____ 23900	29.23 0.68 0.00	29.18 0.65 0.00	26.80 0.52 0.00	26.31 0.53 0.00	26.79 0.54 0.00	26.60 0.52 0.00	22.94 0.64 0.00	24.81 0.74 0.00	29.75 0.75 -0.34	33.37 0.71 -0.58	34.08 0.64 -2.06	34.54 0.62 0.56	36.18 0.69 0.39	36.79 0.81 0.27	38.07 0.88 0.31	61.99 1.57 0.00	76.12 1.57 0.00	98.66 2.40 0.00	78.59 1.84 -8.39	46.01 1.27 -0.92	47.93 1.35 0.00	43.70 1.14 0.00	36.28 0.95 0.00	31.31 0.83 0.00
FORT_DRUM_COGEN 23780	28.81 -0.05 -0.31	28.63 0.10 0.00	26.29 0.01 0.00	25.90 0.12 0.00	26.46 0.21 0.00	26.36 0.28 0.00	22.56 0.27 0.00	24.38 0.31 0.00	29.23 0.34 -0.22	34.27 0.59 -1.60	33.58 0.69 -1.51	37.05 0.59 -1.99	38.57 0.51 -2.18	39.37 0.87 -2.24	40.66 0.72 -2.45	67.43 1.17 -5.84	83.25 1.44 -7.26	105.43 2.82 -6.34	75.25 2.33 -4.55	48.54 1.66 -3.05	52.33 1.97 -3.78	47.77 2.05 -3.17	38.88 1.47 -2.09	32.83 0.99 -1.35
FOX_HILLS___ESR 323835	30.42 1.86 0.00	30.25 1.72 0.00	27.65 1.37 0.00	27.01 1.22 0.00	27.42 1.18 0.00	27.28 1.20 0.00	23.69 1.39 0.00	25.75 1.68 0.00	32.84 2.05 -2.12	38.07 2.36 -3.64	46.58 2.38 -12.82	37.75 2.58 -0.69	39.35 2.98 -0.48	39.73 3.15 -0.33	41.21 3.33 -0.38	65.82 5.40 0.00	81.20 6.65 0.00	104.87 8.61 0.00	121.30 5.93 -47.00	64.27 3.33 -17.11	49.93 3.35 0.00	45.71 3.15 0.00	39.01 2.68 -1.01	41.09 2.25 -8.36
FPL FAR_ROCK_GT1 24212	32.74 2.53 -1.66	30.88 2.34 0.00	30.64 1.96 -2.41	30.67 1.83 -3.06	32.39 1.81 -4.33	27.88 1.79 0.00	24.16 1.86 0.00	26.31 2.24 0.00	33.60 2.75 -2.18	38.85 3.10 -3.67	47.47 3.15 -12.94	38.74 3.57 -0.69	40.42 4.05 -0.49	40.84 4.26 -0.33	54.37 4.23 -12.64	66.35 5.93 0.00	92.53 8.02 -9.96	116.32 10.08 -9.96	122.56 6.98 -47.21	65.13 4.06 -17.24	51.14 4.47 -0.09	47.03 4.05 -0.42	39.85 3.51 -1.02	35.37 3.03 -1.86



FPL FAR_ROCK_GT2 23815	32.74 2.53 -1.66	30.88 2.34 0.00	30.64 1.96 -2.41	30.67 1.83 -3.06	32.39 1.81 -4.33	27.88 1.79 0.00	24.16 1.86 0.00	26.31 2.24 0.00	33.60 2.75 -2.18	38.85 3.10 -3.67	47.47 3.15 -12.94	38.74 3.57 -0.69	40.42 4.05 -0.49	40.84 4.26 -0.33	54.37 4.23 -12.64	66.35 5.93 0.00	92.53 8.02 -9.96	116.32 10.08 -9.96	122.56 6.98 -47.21	65.13 4.06 -17.24	51.14 4.47 -0.09	47.03 4.05 -0.42	39.85 3.51 -1.02	35.37 3.03 -1.86
FRANKLIN_FALL_HYD 24054	28.50 -0.05 0.00	28.43 -0.11 0.00	26.15 -0.12 0.00	25.75 -0.03 0.00	26.26 0.02 0.00	26.17 0.09 0.00	22.20 -0.09 0.00	24.01 -0.06 0.00	28.60 -0.06 0.00	31.84 -0.24 0.00	31.26 -0.12 0.00	34.33 -0.14 0.00	35.56 -0.32 0.00	35.89 -0.36 0.00	37.14 -0.36 0.00	60.05 -0.37 0.00	74.43 -0.11 0.00	96.34 0.08 0.00	68.46 0.09 0.00	44.00 0.17 0.00	46.79 0.20 0.00	42.74 0.18 0.00	35.48 0.15 0.00	30.60 0.11 0.00
FREEPORT_EQUUS_GT1 23764	32.55 2.34 -1.66	30.67 2.13 0.00	30.46 1.78 -2.41	30.49 1.64 -3.06	32.21 1.64 -4.33	27.70 1.62 0.00	24.02 1.72 0.00	26.13 2.05 0.00	33.37 2.52 -2.18	38.55 2.80 -3.67	47.11 2.80 -12.94	38.27 3.10 -0.69	39.96 3.59 -0.49	40.28 3.70 -0.33	53.97 3.83 -12.64	65.99 5.57 0.00	93.32 7.21 -11.57	116.84 9.01 -11.57	121.82 6.24 -47.21	64.84 3.77 -17.24	50.48 3.80 -0.09	46.72 3.75 -0.42	39.55 3.21 -1.01	35.08 2.75 -1.85
FREEPORT___CT2 23818	32.55 2.34 -1.66	30.67 2.13 0.00	30.46 1.78 -2.41	30.49 1.64 -3.06	32.21 1.64 -4.33	27.70 1.62 0.00	24.02 1.72 0.00	26.13 2.05 0.00	33.37 2.52 -2.18	38.55 2.80 -3.67	47.11 2.80 -12.94	38.27 3.10 -0.69	39.96 3.59 -0.49	40.28 3.70 -0.33	53.97 3.83 -12.64	65.99 5.57 0.00	93.32 7.21 -11.57	116.84 9.01 -11.57	121.82 6.24 -47.21	64.84 3.77 -17.24	50.48 3.80 -0.09	46.72 3.75 -0.42	39.55 3.21 -1.01	35.08 2.75 -1.85
FRESHKLS_33_KV_LOAD 356253	30.39 1.84 0.00	30.23 1.70 0.00	27.62 1.35 0.00	26.99 1.20 0.00	27.39 1.15 0.00	27.24 1.16 0.00	23.64 1.35 0.00	25.69 1.62 0.00	32.75 1.97 -2.12	37.96 2.25 -3.63	37.37 2.26 -3.73	37.64 2.47 -0.69	39.16 2.87 -0.40	39.39 3.04 -0.10	41.09 3.22 -0.38	65.65 5.23 0.00	81.00 6.46 0.01	104.71 8.45 0.00	121.20 5.83 -47.00	64.22 3.28 -17.11	49.89 3.31 0.00	45.67 3.11 0.00	38.97 2.64 -1.01	41.08 2.24 -8.36
FULTON COGEN____ 23766	28.91 -0.36 -0.71	28.22 -0.31 0.00	25.87 -0.40 0.00	25.36 -0.43 0.00	25.80 -0.44 0.00	25.66 -0.42 0.00	22.01 -0.29 0.00	23.69 -0.37 0.00	28.78 -0.39 -0.51	35.42 -0.29 -3.62	34.57 -0.23 -3.43	38.79 -0.19 -4.50	40.64 -0.18 -4.94	41.07 -0.25 -5.07	42.76 -0.29 -5.55	73.30 -0.36 -13.24	90.67 -0.34 -16.46	109.96 -0.68 -14.38	78.22 -0.46 -10.31	50.44 -0.29 -6.91	54.85 -0.30 -8.56	49.41 -0.32 -7.17	39.74 -0.32 -4.73	33.20 -0.36 -3.07
FULTON___LFGE 323630	32.19 3.64 0.00	31.96 3.43 0.00	29.21 2.94 0.00	28.62 2.84 0.00	29.12 2.88 0.00	28.97 2.89 0.00	24.74 2.44 0.00	26.70 2.63 0.00	31.71 3.05 0.00	34.79 2.72 0.00	33.91 2.53 0.00	36.54 2.50 0.43	38.77 3.19 0.30	38.87 2.83 0.21	38.15 0.89 0.24	64.02 3.60 0.00	84.28 9.74 0.00	106.06 9.80 0.00	81.32 6.87 -6.08	51.27 6.78 -0.66	54.15 7.57 0.00	49.32 6.77 0.00	40.73 5.41 0.00	34.90 4.42 0.00
G.F.CEMENT___DRP 24184	30.53 1.98 0.00	30.35 1.81 0.00	27.81 1.54 0.00	27.32 1.53 0.00	27.80 1.55 0.00	27.65 1.56 0.00	23.79 1.50 0.00	25.78 1.71 0.00	30.78 1.78 -0.33	34.66 2.02 -0.56	35.13 1.77 -1.98	35.85 2.05 0.67	37.63 2.22 0.47	38.10 2.17 0.32	39.24 2.12 0.37	64.18 3.76 0.00	79.25 4.70 0.00	103.44 7.18 0.00	81.98 5.40 -8.21	48.58 3.85 -0.90	50.77 4.19 0.00	46.07 3.52 0.00	38.16 2.83 0.00	32.81 2.32 0.00
GARDENVILLE___LBMP 24039	28.90 0.35 0.00	28.66 0.13 0.00	25.92 -0.35 0.00	25.27 -0.52 0.00	25.65 -0.60 0.00	25.54 -0.54 0.00	21.95 -0.34 0.00	23.55 -0.52 0.00	28.24 -0.42 0.00	32.18 0.11 0.00	31.93 0.55 0.00	35.36 0.88 0.00	36.68 0.79 0.00	36.54 0.29 0.00	37.73 0.23 0.00	60.82 0.40 0.00	75.27 0.72 0.00	94.69 -1.58 0.00	66.82 -1.55 0.00	42.93 -0.90 0.00	45.60 -0.99 0.00	41.61 -0.95 0.00	34.64 -0.69 0.00	30.16 -0.32 0.00
GARDNVLA_35_KV_LD 355827	29.04 0.49 0.00	28.79 0.25 0.00	26.03 -0.25 0.00	25.37 -0.42 0.00	25.75 -0.50 0.00	25.64 -0.44 0.00	22.04 -0.25 0.00	23.64 -0.43 0.00	28.37 -0.30 0.00	32.34 0.27 0.00	32.12 0.74 0.00	35.59 1.11 0.00	36.91 1.02 0.00	36.79 0.54 0.00	37.99 0.50 0.00	61.31 0.88 0.00	75.84 1.28 -0.01	95.37 -0.90 -0.01	67.26 -1.12 -0.01	43.20 -0.63 0.00	45.85 -0.73 0.00	41.84 -0.72 0.00	34.82 -0.50 0.00	30.31 -0.17 0.00
GELCKHM___115KV_LOAD 80723	28.67 -0.14 -0.26	28.43 -0.10 0.00	26.05 -0.22 0.00	25.53 -0.25 0.00	25.98 -0.26 0.00	25.84 -0.25 0.00	22.16 -0.13 0.00	23.87 -0.20 0.00	28.68 -0.17 -0.18	33.35 -0.03 -1.30	32.66 0.06 -1.23	36.20 0.11 -1.62	37.80 0.14 -1.77	38.19 0.12 -1.82	39.62 0.13 -2.00	65.45 0.27 -4.75	80.87 0.41 -5.91	101.65 0.22 -5.16	72.19 0.12 -3.70	46.37 0.06 -2.48	49.72 0.06 -3.08	45.10 -0.03 -2.58	36.95 -0.07 -1.70	31.46 -0.13 -1.10
GENERAL___MILLS 23808	28.97 0.42 0.00	28.73 0.20 0.00	25.97 -0.30 0.00	25.32 -0.47 0.00	25.70 -0.54 0.00	25.60 -0.49 0.00	22.00 -0.29 0.00	23.60 -0.47 0.00	28.31 -0.36 0.00	32.26 0.18 0.00	32.03 0.65 0.00	35.46 0.98 0.00	36.79 0.90 0.00	36.65 0.40 0.00	37.85 0.36 0.00	61.06 0.64 0.00	75.54 0.99 -0.01	95.02 -1.26 -0.01	67.04 -1.34 -0.01	43.06 -0.77 0.00	45.72 -0.86 0.00	41.73 -0.82 0.00	34.73 -0.60 0.00	30.24 -0.24 0.00
GE_PLASTICS___DRP 24183	29.11 0.56 0.00	29.07 0.53 0.00	26.69 0.42 0.00	26.21 0.42 0.00	26.70 0.45 0.00	26.50 0.42 0.00	22.83 0.54 0.00	24.69 0.62 0.00	29.65 0.64 -0.34	33.24 0.59 -0.58	33.86 0.44 -2.04	34.40 0.36 0.44	35.97 0.39 0.31	36.54 0.50 0.21	37.78 0.53 0.25	61.25 0.83 0.00	75.29 0.74 0.00	97.58 1.32 0.00	77.61 1.02 -8.21	45.43 0.70 -0.90	47.31 0.73 0.00	43.16 0.60 0.00	35.91 0.58 0.00	31.10 0.62 0.00
GILBOA___1 23756	29.24 0.69 0.00	29.18 0.64 0.00	26.76 0.49 0.00	26.34 0.55 0.00	26.88 0.64 0.00	26.62 0.54 0.00	22.86 0.57 0.00	24.76 0.69 0.00	29.46 0.79 0.00	32.96 0.88 0.00	32.24 0.87 0.00	35.45 0.97 0.00	36.97 1.09 0.00	37.42 1.17 0.00	38.64 1.14 0.00	62.00 1.58 0.00	76.14 1.60 0.00	98.30 2.04 0.00	73.86 1.49 -4.00	45.31 1.05 -0.44	47.81 1.23 0.00	43.69 1.13 0.00	36.29 0.96 0.00	31.29 0.81 0.00
GILBOA___2 23757	29.24 0.69 0.00	29.18 0.64 0.00	26.76 0.49 0.00	26.34 0.55 0.00	26.88 0.64 0.00	26.62 0.54 0.00	22.86 0.57 0.00	24.76 0.69 0.00	29.46 0.79 0.00	32.96 0.88 0.00	32.24 0.87 0.00	35.45 0.97 0.00	36.97 1.09 0.00	37.42 1.17 0.00	38.64 1.14 0.00	62.00 1.58 0.00	76.14 1.60 0.00	98.30 2.04 0.00	73.86 1.49 -4.00	45.31 1.05 -0.44	47.81 1.23 0.00	43.69 1.13 0.00	36.29 0.96 0.00	31.29 0.81 0.00

GILBOA___3 23758	29.24 0.69 0.00	29.18 0.64 0.00	26.76 0.49 0.00	26.34 0.55 0.00	26.88 0.64 0.00	26.62 0.54 0.00	22.86 0.57 0.00	24.76 0.69 0.00	29.46 0.79 0.00	32.96 0.88 0.00	32.24 0.87 0.00	35.45 0.97 0.00	36.97 1.09 0.00	37.42 1.17 0.00	38.64 1.14 0.00	62.00 1.58 0.00	76.14 1.60 0.00	98.30 2.04 0.00	73.86 1.49 -4.00	45.31 1.05 -0.44	47.81 1.23 0.00	43.69 1.13 0.00	36.29 0.96 0.00	31.29 0.81 0.00
GILBOA___4 23759	29.24 0.69 0.00	29.18 0.64 0.00	26.76 0.49 0.00	26.34 0.55 0.00	26.88 0.64 0.00	26.62 0.54 0.00	22.86 0.57 0.00	24.76 0.69 0.00	29.46 0.79 0.00	32.96 0.88 0.00	32.24 0.87 0.00	35.45 0.97 0.00	36.97 1.09 0.00	37.42 1.17 0.00	38.64 1.14 0.00	62.00 1.58 0.00	76.14 1.60 0.00	98.30 2.04 0.00	73.86 1.49 -4.00	45.31 1.05 -0.44	47.81 1.23 0.00	43.69 1.13 0.00	36.29 0.96 0.00	31.29 0.81 0.00
GILBOA___ 23599	29.24 0.69 0.00	29.18 0.64 0.00	26.76 0.49 0.00	26.34 0.55 0.00	26.88 0.64 0.00	26.62 0.54 0.00	22.86 0.57 0.00	24.76 0.69 0.00	29.46 0.79 0.00	32.96 0.88 0.00	32.24 0.87 0.00	35.45 0.97 0.00	36.97 1.09 0.00	37.42 1.17 0.00	38.64 1.14 0.00	62.00 1.58 0.00	76.14 1.60 0.00	98.30 2.03 0.00	73.85 1.48 -4.00	45.31 1.04 -0.44	47.81 1.23 0.00	43.69 1.13 0.00	36.29 0.97 0.00	31.29 0.81 0.00
GINNA___ 23603	27.70 -0.85 0.00	27.56 -0.97 0.00	25.09 -1.18 0.00	24.52 -1.27 0.00	24.91 -1.33 0.00	24.79 -1.30 0.00	21.27 -1.03 0.00	22.89 -1.18 0.00	27.46 -1.21 0.00	31.07 -1.00 0.00	30.72 -0.66 0.00	33.92 -0.56 0.00	35.26 -0.63 0.00	35.36 -0.89 0.00	36.64 -0.86 0.00	59.12 -1.30 0.00	73.23 -1.32 0.00	93.40 -2.87 0.00	66.07 -2.30 0.00	42.26 -1.57 0.00	44.84 -1.75 0.00	40.86 -1.69 0.00	33.88 -1.45 0.00	29.26 -1.22 0.00
GLEN PARK___ 23778	28.97 0.09 -0.33	28.75 0.21 0.00	26.39 0.11 0.00	25.99 0.20 0.00	26.55 0.30 0.00	26.44 0.35 0.00	22.64 0.35 0.00	24.46 0.39 0.00	29.34 0.44 -0.23	34.51 0.75 -1.68	33.84 0.87 -1.59	37.30 0.73 -2.09	38.80 0.63 -2.29	39.66 1.06 -2.35	40.92 0.85 -2.58	67.95 1.38 -6.14	83.95 1.77 -7.64	106.22 3.28 -6.67	75.88 2.73 -4.78	48.97 1.93 -3.21	52.84 2.28 -3.97	48.26 2.37 -3.33	39.24 1.72 -2.20	33.08 1.17 -1.42
GLENDALE_27_KV_LOAD 356172	30.54 1.98 0.00	30.37 1.84 0.00	27.75 1.48 0.00	27.11 1.33 0.00	27.56 1.31 0.00	27.44 1.35 0.00	23.85 1.55 0.00	25.96 1.90 0.00	33.10 2.32 -2.12	38.34 2.63 -3.64	46.85 2.65 -12.82	38.11 2.94 -0.69	39.69 3.32 -0.48	40.08 3.49 -0.33	41.54 3.66 -0.38	66.36 5.94 0.00	81.91 7.37 0.00	105.64 9.37 0.00	121.83 6.46 -47.00	64.58 3.64 -17.11	50.24 3.66 0.00	45.96 3.40 0.00	39.20 2.87 -1.00	32.88 2.40 0.00
GLENWOOD_IC_1_G5 23712	32.49 2.29 -1.65	30.63 2.10 0.00	30.43 1.75 -2.40	30.47 1.62 -3.06	32.19 1.62 -4.33	27.68 1.60 0.00	24.00 1.71 0.00	26.13 2.06 0.00	33.39 2.54 -2.18	38.59 2.85 -3.67	47.20 2.88 -12.94	38.40 3.23 -0.69	40.01 3.64 -0.48	40.39 3.80 -0.33	54.03 3.89 -12.64	66.31 5.89 0.00	111.10 7.57 -28.98	134.70 9.45 -28.98	122.07 6.50 -47.21	64.92 3.85 -17.24	50.52 3.85 -0.09	46.55 3.57 -0.42	39.53 3.19 -1.01	35.05 2.72 -1.85
GLENWOOD_IC_2_G1 23688	32.41 2.20 -1.66	30.56 2.02 0.00	30.36 1.68 -2.41	30.40 1.55 -3.06	32.12 1.55 -4.33	27.61 1.53 0.00	23.94 1.64 0.00	26.05 1.98 0.00	33.28 2.43 -2.18	38.47 2.72 -3.67	47.06 2.74 -12.94	38.25 3.07 -0.69	39.91 3.54 -0.49	40.32 3.73 -0.33	54.01 3.87 -12.64	66.26 5.84 0.00	136.84 7.50 -54.79	160.44 9.38 -54.79	122.05 6.48 -47.21	64.92 3.86 -17.24	50.55 3.87 -0.09	46.54 3.57 -0.42	39.41 3.07 -1.01	34.95 2.61 -1.85
GLENWOOD_IC_3_G1 23689	32.41 2.20 -1.66	30.56 2.02 0.00	30.36 1.68 -2.41	30.40 1.55 -3.06	32.12 1.55 -4.33	27.61 1.53 0.00	23.94 1.64 0.00	26.05 1.98 0.00	33.28 2.43 -2.18	38.47 2.72 -3.67	47.06 2.74 -12.94	38.25 3.07 -0.69	39.91 3.54 -0.49	40.32 3.73 -0.33	54.01 3.87 -12.64	66.26 5.84 0.00	136.84 7.50 -54.79	160.44 9.38 -54.79	122.05 6.48 -47.21	64.92 3.86 -17.24	50.55 3.87 -0.09	46.54 3.57 -0.42	39.41 3.07 -1.01	34.95 2.61 -1.85
GLENWOOD___4 23550	32.49 2.29 -1.65	30.63 2.10 0.00	30.43 1.75 -2.40	30.47 1.62 -3.06	32.19 1.62 -4.33	27.68 1.60 0.00	24.00 1.71 0.00	26.13 2.06 0.00	33.39 2.54 -2.18	38.59 2.85 -3.67	47.20 2.88 -12.94	38.40 3.23 -0.69	40.05 3.68 -0.48	40.45 3.87 -0.33	54.12 3.98 -12.64	66.47 6.05 0.00	111.26 7.74 -28.98	134.93 9.69 -28.98	122.24 6.67 -47.21	65.02 3.95 -17.24	50.63 3.96 -0.09	46.62 3.65 -0.42	39.54 3.20 -1.01	35.05 2.72 -1.85
GLENWOOD___5 23614	32.49 2.29 -1.65	30.63 2.10 0.00	30.43 1.75 -2.40	30.47 1.62 -3.06	32.19 1.62 -4.33	27.68 1.60 0.00	24.00 1.71 0.00	26.13 2.06 0.00	33.39 2.54 -2.18	38.59 2.85 -3.67	47.20 2.88 -12.94	38.40 3.23 -0.69	40.05 3.68 -0.48	40.45 3.87 -0.33	54.12 3.98 -12.64	66.47 6.05 0.00	111.26 7.74 -28.98	134.93 9.69 -28.98	122.24 6.67 -47.21	65.02 3.95 -17.24	50.63 3.96 -0.09	46.62 3.65 -0.42	39.54 3.20 -1.01	35.05 2.72 -1.85
GLOBAL GREEN_PORT_GT1 23814	32.87 2.66 -1.66	31.02 2.49 0.00	30.93 2.25 -2.41	30.98 2.13 -3.06	32.61 2.04 -4.33	28.08 2.00 0.00	24.36 2.07 0.00	26.63 2.56 0.00	33.73 2.88 -2.18	38.50 2.75 -3.67	47.00 2.68 -12.94	38.10 3.00 -0.62	40.28 3.91 -0.49	40.80 4.22 -0.33	56.88 4.18 -15.21	66.61 6.19 0.00	136.44 8.44 -53.45	126.59 10.38 -19.95	125.46 6.74 -50.35	65.16 4.09 -17.24	51.31 4.63 -0.09	47.41 4.44 -0.42	40.12 3.78 -1.01	35.88 3.54 -1.85
GLOBE___DSASP 323697	28.04 -0.51 0.00	27.81 -0.73 0.00	25.15 -1.13 0.00	24.53 -1.26 0.00	24.87 -1.37 0.00	24.78 -1.30 0.00	21.25 -1.05 0.00	22.71 -1.36 0.00	27.25 -1.42 0.00	30.99 -1.08 0.00	30.83 -0.55 0.00	34.02 -0.45 0.00	35.18 -0.70 0.00	34.91 -1.34 0.00	36.02 -1.48 0.00	57.62 -2.79 0.01	71.23 -3.28 0.03	89.71 -6.52 0.04	63.32 -5.02 0.03	40.76 -3.06 0.01	43.37 -3.21 0.00	39.80 -2.76 0.00	33.22 -2.11 0.00	29.06 -1.43 0.00
GOETHSLN___LBMP 323567	30.20 1.65 0.00	30.06 1.53 0.00	27.47 1.19 0.00	26.84 1.05 0.00	27.29 1.04 0.00	27.16 1.08 0.00	23.58 1.29 0.00	25.67 1.60 0.00	32.75 1.97 -2.12	37.96 2.25 -3.64	46.46 2.26 -12.83	37.69 2.52 -0.69	39.14 2.85 -0.41	39.65 3.07 -0.33	41.07 3.19 -0.38	65.63 5.21 0.00	81.03 6.48 0.00	104.49 8.22 0.00	121.06 5.69 -47.01	64.11 3.16 -17.11	49.72 3.13 0.00	45.51 2.96 0.00	38.84 2.52 -1.00	32.63 2.15 0.00
GOLAH___69_KV_TB 1_2 80279	29.21 0.65 0.00	29.01 0.48 0.00	26.32 0.05 0.00	25.69 -0.10 0.00	26.09 -0.16 0.00	25.97 -0.11 0.00	22.30 0.00 0.00	23.97 -0.10 0.00	28.75 0.08 0.00	32.60 0.53 0.00	32.23 0.85 0.00	35.56 1.09 0.00	36.90 1.02 0.00	36.94 0.69 0.00	38.28 0.78 0.00	61.79 1.37 0.00	76.58 2.04 0.00	97.37 1.11 0.00	68.90 0.53 0.00	44.13 0.30 0.00	46.83 0.24 0.00	42.70 0.14 0.00	35.45 0.13 0.00	30.71 0.22 0.00

GOODYEAR_LAKE_HYD 323669	29.89 1.34 0.00	29.77 1.24 0.00	27.25 0.98 0.00	26.74 0.95 0.00	27.23 0.99 0.00	27.05 0.97 0.00	23.23 0.94 0.00	25.15 1.08 0.00	30.03 1.36 0.00	33.77 1.70 0.00	33.15 1.77 0.00	36.50 2.02 0.00	38.06 2.17 0.00	38.46 2.21 0.00	39.75 2.25 0.00	64.10 3.68 0.00	79.15 4.60 0.00	101.75 5.48 0.00	72.20 3.83 0.00	46.28 2.45 0.00	49.20 2.61 0.00	44.93 2.38 0.00	37.24 1.92 0.00	32.03 1.55 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.17 0.47 -0.15	28.95 0.42 0.00	26.42 0.14 0.00	25.89 0.10 0.00	26.37 0.12 0.00	26.21 0.12 0.00	22.59 0.29 0.00	24.38 0.31 0.00	29.14 0.37 -0.10	33.49 0.68 -0.74	32.78 0.70 -0.70	36.34 0.94 -0.92	37.95 1.06 -1.01	38.27 0.98 -1.04	39.59 0.96 -1.13	64.77 1.65 -2.70	79.95 2.05 -3.36	100.85 1.65 -2.94	71.53 1.06 -2.11	45.95 0.71 -1.41	49.15 0.82 -1.75	44.65 0.63 -1.46	36.83 0.54 -0.97	31.48 0.37 -0.63
GOUDEY___7 23579	29.20 0.50 -0.15	28.98 0.44 0.00	26.44 0.17 0.00	25.91 0.12 0.00	26.39 0.15 0.00	26.23 0.15 0.00	22.61 0.31 0.00	24.40 0.33 0.00	29.17 0.40 -0.10	33.53 0.71 -0.74	32.81 0.73 -0.70	36.39 0.99 -0.92	38.00 1.11 -1.01	38.32 1.03 -1.04	39.63 1.01 -1.13	64.84 1.72 -2.70	80.05 2.14 -3.36	100.99 1.79 -2.94	71.63 1.15 -2.11	46.01 0.77 -1.41	49.20 0.87 -1.75	44.71 0.69 -1.46	36.86 0.57 -0.97	31.51 0.40 -0.63
GOUDEY___8 23580	29.17 0.47 -0.15	28.95 0.42 0.00	26.42 0.14 0.00	25.89 0.10 0.00	26.37 0.12 0.00	26.21 0.12 0.00	22.59 0.29 0.00	24.38 0.31 0.00	29.14 0.37 -0.10	33.49 0.68 -0.74	32.78 0.70 -0.70	36.34 0.94 -0.92	37.95 1.06 -1.01	38.27 0.98 -1.04	39.59 0.96 -1.13	64.77 1.65 -2.70	79.95 2.05 -3.36	100.85 1.65 -2.94	71.53 1.06 -2.11	45.95 0.71 -1.41	49.15 0.82 -1.75	44.65 0.63 -1.46	36.83 0.54 -0.97	31.48 0.37 -0.63
GOWANUS_GT1_1 24077	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GOWANUS_GT1_2 24078	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GOWANUS_GT1_3 24079	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GOWANUS_GT1_4 24080	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GOWANUS_GT1_5 24084	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GOWANUS_GT1_6 24111	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GOWANUS_GT1_7 24112	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GOWANUS_GT1_8 24113	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GOWANUS_GT2_1 24114	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
GOWANUS_GT2_2 24115	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
GOWANUS_GT2_3 24116	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36

GOWANUS_GT2_4 24117	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
GOWANUS_GT2_5 24118	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
GOWANUS_GT2_6 24119	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
GOWANUS_GT2_7 24120	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
GOWANUS_GT2_8 24121	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
GOWANUS_GT3_1 24122	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
GOWANUS_GT3_2 24123	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
GOWANUS_GT3_3 24124	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0																			

GOWANUS_GT4_3 24132	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GOWANUS_GT4_4 24133	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GOWANUS_GT4_5 24134	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GOWANUS_GT4_6 24135	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GOWANUS_GT4_7 24136	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GOWANUS_GT4_8 24137	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GREENBSH_115KV_TB3 55895	29.01 0.46 0.00	28.97 0.43 0.00	26.61 0.34 0.00	26.13 0.35 0.00	26.61 0.36 0.00	26.43 0.34 0.00	22.79 0.50 0.00	24.65 0.58 0.00	29.58 0.56 -0.35	33.19 0.51 -0.60	33.95 0.45 -2.12	34.31 0.43 0.60	35.95 0.49 0.42	36.57 0.60 0.29	37.78 0.61 0.33	61.39 0.97 0.00	75.48 0.94 0.00	97.94 1.68 0.00	78.40 1.30 -8.73	45.67 0.88 -0.96	47.49 0.91 0.00	43.29 0.73 0.00	35.95 0.63 0.00	31.05 0.57 0.00
GREENIDGE_115KV_TB5 80291	29.35 0.68 -0.12	29.13 0.59 0.00	26.55 0.28 0.00	25.96 0.17 0.00	26.41 0.17 0.00	26.28 0.20 0.00	22.63 0.33 0.00	24.39 0.32 0.00	29.23 0.48 -0.08	33.55 0.87 -0.61	33.01 1.05 -0.57	36.45 1.22 -0.76	37.85 1.13 -0.83	37.97 0.87 -0.85	39.44 1.01 -0.93	64.60 1.95 -2.22	79.79 2.49 -2.77	100.45 1.77 -2.42	71.90 1.80 -1.73	46.21 1.22 -1.16	49.28 1.26 -1.44	44.71 0.95 -1.21	36.82 0.70 -0.79	31.54 0.54 -0.52
GREENIDGE___3 23582	29.35 0.68 -0.12	29.13 0.59 0.00	26.55 0.28 0.00	25.96 0.17 0.00	26.41 0.17 0.00	26.28 0.20 0.00	22.63 0.33 0.00	24.39 0.32 0.00	29.23 0.48 -0.08	33.55 0.87 -0.61	33.01 1.05 -0.57	36.45 1.22 -0.76	37.85 1.13 -0.83	37.97 0.87 -0.85	39.44 1.01 -0.93	64.60 1.95 -2.22	79.79 2.49 -2.77	100.45 1.77 -2.42	71.90 1.80 -1.73	46.21 1.22 -1.16	49.28 1.26 -1.44	44.71 0.95 -1.21	36.82 0.70 -0.79	31.54 0.54 -0.52
GREENIDGE___4 23583	29.35 0.68 -0.12	29.13 0.59 0.00	26.55 0.28 0.00	25.96 0.17 0.00	26.41 0.17 0.00	26.28 0.20 0.00	22.63 0.33 0.00	24.40 0.33 0.00	29.24 0.49 -0.08	33.55 0.87 -0.61	33.01 1.05 -0.57	36.45 1.22 -0.76	37.85 1.13 -0.83	37.97 0.87 -0.85	39.43 1.01 -0.93	64.60 1.95 -2.22	79.81 2.50 -2.77	100.45 1.77 -2.42	71.90 1.79 -1.73	46.21 1.22 -1.16	49.29 1.26 -1.44	44.71 0.95 -1.21	36.82 0.70 -0.79	31.54 0.54 -0.52
GREENLWN_69_KV_BK 3 55738	32.29 2.08 -1.65	30.45 1.91 0.00	30.31 1.63 -2.40	30.37 1.52 -3.06	32.09 1.51 -4.33	27.55 1.47 0.00	23.89 1.59 0.00	25.94 1.87 0.00	33.12 2.27 -2.18	38.20 2.45 -3.67	46.71 2.40 -12.94	37.61 2.61 -0.52	39.53 3.16 -0.48	40.00 3.42 -0.33	52.59 3.62 -11.47	65.71 5.29 0.00	59.54 6.84 21.84	100.42 8.53 4.37	120.08 5.94 -45.77	64.67 3.60 -17.24	50.24 3.57 -0.09	46.18 3.21 -0.42	39.02 2.68 -1.01	34.67 2.34 -1.85
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36
GRISSOM___SOLAR 323813	32.19 3.64 0.00	31.96 3.43 0.00	29.21 2.94 0.00	28.62 2.84 0.00	29.12 2.88 0.00	28.97 2.89 0.00	24.74 2.44 0.00	26.70 2.63 0.00	31.71 3.05 0.00	34.79 2.72 0.00	33.91 2.53 0.00	36.54 2.50 0.43	38.77 3.19 0.30	38.87 2.83 0.21	38.15 0.89 0.24	64.02 3.60 0.00	84.28 9.74 0.00	106.06 9.80 0.00	81.32 6.87 -6.08	51.27 6.78 -0.66	54.15 7.57 0.00	49.32 6.77 0.00	40.73 5.41 0.00	34.90 4.42 0.00
GROVEVILLE___HYD 323602	30.36 1.81 0.00	30.19 1.66 0.00	27.60 1.33 0.00	27.01 1.23 0.00	27.46 1.21 0.00	27.32 1.23 0.00	23.66 1.36 0.00	25.74 1.67 0.00	30.70 2.04 0.00	34.42 2.35 0.00	33.74 2.36 0.00	37.70 2.67 -0.55	39.25 2.98 -0.38	39.70 3.19 -0.26	41.16 3.36 -0.30	65.89 5.47 0.00	81.43 6.88 0.00	105.16 8.89 0.00	84.23 6.20 -9.66	48.50 3.62 -1.06	50.23 3.64 0.00	45.85 3.29 0.00	37.99 2.67 0.00	32.67 2.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.01 0.06 -0.40	28.62 0.09 0.00	26.22 -0.05 0.00	25.70 -0.09 0.00	26.15 -0.09 0.00	26.00 -0.08 0.00	22.31 0.02 0.00	24.04 -0.03 0.00	28.99 0.04 -0.28	34.29 0.21 -2.00	33.57 0.30 -1.90	37.35 0.39 -2.49	39.04 0.43 -2.73	39.46 0.41 -2.80	41.01 0.44 -3.07	68.53 0.80 -7.32	84.71 1.07 -9.10	105.26 1.05 -7.95	74.78 0.71 -5.70	48.09 0.44 -3.82	51.79 0.48 -4.73	46.85 0.33 -3.97	38.14 0.21 -2.61	32.29 0.11 -1.70

HAMLTNNY_34_KV_TB 80303	29.08 0.12 -0.40	28.66 0.12 0.00	26.24 -0.03 0.00	25.71 -0.08 0.00	26.17 -0.08 0.00	26.02 -0.07 0.00	22.34 0.04 0.00	24.06 0.00 0.00	29.05 0.09 -0.29	34.43 0.30 -2.05	33.71 0.39 -1.94	37.52 0.49 -2.55	39.22 0.53 -2.80	39.63 0.51 -2.87	41.17 0.53 -3.15	68.91 0.99 -7.50	85.15 1.29 -9.33	105.66 1.25 -8.15	75.05 0.85 -5.84	48.27 0.53 -3.91	52.03 0.60 -4.85	47.01 0.39 -4.06	38.25 0.25 -2.68	32.37 0.15 -1.74
HAMPSHIRE___PAPER_HYD 323593	28.02 -0.66 -0.13	27.93 -0.60 0.00	25.76 -0.51 0.00	25.33 -0.46 0.00	25.82 -0.43 0.00	25.70 -0.38 0.00	21.89 -0.40 0.00	23.72 -0.35 0.00	28.34 -0.42 -0.09	32.30 -0.44 -0.66	31.69 -0.31 -0.63	34.87 -0.43 -0.83	36.26 -0.53 -0.90	36.85 -0.33 -0.93	38.08 -0.43 -1.02	62.21 -0.64 -2.42	76.75 -0.81 -3.02	98.78 -0.12 -2.63	70.36 0.10 -1.89	45.31 0.21 -1.27	48.53 0.37 -1.57	44.35 0.48 -1.31	36.46 0.27 -0.87	31.12 0.07 -0.56
HARDSCRABBLE_WT_PWR 323673	29.15 0.60 0.00	29.10 0.57 0.00	26.68 0.40 0.00	26.16 0.37 0.00	26.65 0.40 0.00	26.46 0.37 0.00	22.80 0.51 0.00	24.68 0.61 0.00	29.26 0.60 0.00	32.64 0.57 0.00	31.83 0.46 0.00	35.05 0.57 0.00	36.67 0.79 0.00	37.10 0.85 0.00	38.07 0.58 0.00	61.48 1.07 0.00	76.14 1.60 0.00	98.80 2.54 0.00	70.20 1.83 0.00	45.38 1.55 0.00	48.31 1.73 0.00	43.99 1.43 0.00	36.44 1.11 0.00	31.12 0.64 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.18 1.63 0.00	30.03 1.50 0.00	27.46 1.18 0.00	26.85 1.06 0.00	27.29 1.05 0.00	27.14 1.06 0.00	23.52 1.23 0.00	25.57 1.50 0.00	28.17 1.85 2.35	30.18 2.14 4.04	19.29 2.16 14.25	37.53 2.46 -0.59	39.05 2.75 -0.41	39.53 3.00 -0.28	40.97 3.15 -0.33	65.56 5.14 0.00	81.08 6.54 0.00	104.65 8.38 0.00	25.28 5.80 48.89	27.43 3.34 19.73	49.96 3.37 0.00	45.60 3.05 0.00	36.56 2.44 1.21	32.48 1.99 0.00
HARSNRAD_115KV_TB1 81005	28.58 0.03 0.00	28.32 -0.22 0.00	25.60 -0.67 0.00	24.96 -0.82 0.00	25.32 -0.93 0.00	25.23 -0.85 0.00	21.65 -0.64 0.00	23.16 -0.91 0.00	27.79 -0.88 0.00	31.64 -0.44 0.00	31.44 0.07 0.00	34.74 0.26 0.00	35.95 0.07 0.00	35.72 -0.53 0.00	36.89 -0.61 0.00	59.38 -1.05 0.00	73.61 -0.94 -0.01	92.69 -3.58 -0.01	65.45 -2.93 -0.01	42.10 -1.73 0.00	44.71 -1.87 0.00	40.85 -1.71 0.00	34.01 -1.31 0.00	29.76 -0.72 0.00
HARZA MOOSE___RIVER 24016	29.01 0.34 -0.11	28.96 0.43 0.00	26.61 0.34 0.00	26.17 0.39 0.00	26.67 0.43 0.00	26.53 0.45 0.00	22.74 0.44 0.00	24.59 0.52 0.00	29.38 0.63 -0.08	33.44 0.80 -0.56	32.78 0.87 -0.53	36.11 0.94 -0.70	37.58 0.93 -0.77	38.09 1.05 -0.79	39.37 1.01 -0.87	64.20 1.72 -2.06	79.23 2.13 -2.56	101.91 3.41 -2.24	72.63 2.66 -1.60	46.67 1.77 -1.08	49.86 1.95 -1.33	45.50 1.83 -1.12	37.45 1.39 -0.73	31.97 1.01 -0.48
HDSNBRDG_115KV_BRDG_TB1 355580	28.68 -0.09 -0.21	28.47 -0.06 0.00	26.08 -0.19 0.00	25.56 -0.22 0.00	26.01 -0.23 0.00	25.87 -0.22 0.00	22.19 -0.10 0.00	23.90 -0.17 0.00	28.68 -0.14 -0.15	33.18 0.02 -1.09	32.50 0.10 -1.03	35.98 0.15 -1.35	37.55 0.18 -1.48	37.93 0.16 -1.52	39.33 0.17 -1.66	64.73 0.34 -3.97	79.98 0.50 -4.94	100.90 0.33 -4.31	71.64 0.18 -3.09	45.99 0.09 -2.07	49.22 0.07 -2.57	44.70 0.00 -2.15	36.72 -0.03 -1.42	31.31 -0.09 -0.92
HELLGATE_13_KV_LD 55870	30.37 1.82 0.00	30.22 1.68 0.00	27.61 1.34 0.00	26.98 1.20 0.00	27.42 1.18 0.00	27.30 1.22 0.00	23.73 1.44 0.00	25.81 1.74 0.00	32.90 2.12 -2.12	38.11 2.40 -3.64	46.61 2.41 -12.82	37.84 2.67 -0.69	39.40 3.03 -0.48	39.77 3.19 -0.33	41.22 3.34 -0.38	65.84 5.42 0.00	81.27 6.73 0.00	104.86 8.60 0.00	121.31 5.94 -47.00	64.26 3.32 -17.11	49.89 3.31 0.00	45.65 3.10 0.00	38.94 2.61 -1.00	32.67 2.19 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.37 1.82 0.00	30.22 1.68 0.00	27.61 1.34 0.00	26.98 1.20 0.00	27.42 1.18 0.00	27.30 1.22 0.00	23.73 1.44 0.00	25.81 1.74 0.00	32.90 2.12 -2.12	38.11 2.40 -3.64	46.61 2.41 -12.82	37.84 2.67 -0.69	39.40 3.03 -0.48	39.77 3.19 -0.33	41.22 3.34 -0.38	65.84 5.42 0.00	81.27 6.73 0.00	104.86 8.60 0.00	121.31 5.94 -47.00	64.26 3.32 -17.11	49.89 3.31 0.00	45.65 3.10 0.00	38.94 2.61 -1.00	32.67 2.19 0.00
HEMPSTEAD____ 23647	32.32 2.11 -1.66	30.46 1.92 0.00	30.28 1.60 -2.41	30.32 1.47 -3.06	32.04 1.47 -4.33	27.53 1.45 0.00	23.87 1.58 0.00	25.98 1.91 0.00	33.19 2.34 -2.18	38.35 2.61 -3.67	46.93 2.61 -12.94	38.06 2.89 -0.69	39.73 3.36 -0.49	40.13 3.54 -0.33	53.82 3.68 -12.64	65.90 5.48 0.00	99.00 7.06 -17.39	122.48 8.82 -17.39	121.65 6.08 -47.21	64.69 3.62 -17.24	50.30 3.63 -0.09	46.39 3.41 -0.42	39.27 2.93 -1.01	34.84 2.50 -1.85
HEWLETT_69_KV_BK3 55828	32.58 2.38 -1.65	30.73 2.20 0.00	30.51 1.83 -2.40	30.54 1.70 -3.06	32.25 1.68 -4.33	27.75 1.67 0.00	24.04 1.75 0.00	26.17 2.11 0.00	33.44 2.59 -2.18	38.65 2.91 -3.67	47.26 2.95 -12.94	38.49 3.32 -0.69	40.15 3.79 -0.48	40.58 4.00 -0.33	54.17 4.03 -12.64	66.26 5.84 0.00	92.21 7.70 -9.96	115.91 9.68 -9.96	122.26 6.69 -47.21	65.03 3.96 -17.24	50.88 4.21 -0.09	46.82 3.85 -0.42	39.64 3.30 -1.01	35.18 2.85 -1.85
HICKLING___1 23621	29.34 0.67 -0.12	29.09 0.56 0.00	26.41 0.14 0.00	25.84 0.05 0.00	26.33 0.08 0.00	26.20 0.11 0.00	22.63 0.34 0.00	24.41 0.34 0.00	29.18 0.43 -0.08	33.58 0.90 -0.61	32.92 0.97 -0.57	36.63 1.40 -0.76	38.25 1.54 -0.83	38.45 1.35 -0.85	39.82 1.39 -0.93	65.04 2.39 -2.23	80.23 2.92 -2.77	100.62 1.94 -2.42	71.36 1.26 -1.73	45.83 0.84 -1.16	48.97 0.95 -1.44	44.41 0.65 -1.21	36.73 0.61 -0.79	31.43 0.43 -0.52
HICKLING___2 23622	29.34 0.67 -0.12	29.09 0.56 0.00	26.41 0.14 0.00	25.84 0.05 0.00	26.33 0.08 0.00	26.20 0.11 0.00	22.63 0.34 0.00	24.41 0.34 0.00	29.18 0.43 -0.08	33.58 0.90 -0.61	32.92 0.97 -0.57	36.63 1.40 -0.76	38.25 1.54 -0.83	38.45 1.35 -0.85	39.82 1.39 -0.93	65.04 2.39 -2.23	80.23 2.92 -2.77	100.62 1.94 -2.42	71.36 1.26 -1.73	45.83 0.84 -1.16	48.97 0.95 -1.44	44.41 0.65 -1.21	36.73 0.61 -0.79	31.43 0.43 -0.52
HIGH FALLS___HY 23754	30.27 1.72 0.00	30.08 1.55 0.00	27.47 1.20 0.00	26.85 1.07 0.00	27.30 1.06 0.00	27.15 1.07 0.00	23.52 1.23 0.00	25.60 1.53 0.00	30.59 1.92 0.00	34.39 2.32 0.00	33.70 2.32 0.00	37.53 2.72 -0.33	39.18 3.07 -0.23	39.55 3.15 -0.16	40.97 3.29 -0.19	65.70 5.28 0.00	81.62 7.07 0.00	105.11 8.85 0.00	70.26 6.01 4.12	46.87 3.49 0.45	50.13 3.55 0.00	46.00 3.45 0.00	38.08 2.75 0.00	32.66 2.18 0.00
HIGH_RIVER___SOLAR 323847	29.91 1.36 0.00	29.83 1.29 0.00	27.37 1.09 0.00	26.85 1.07 0.00	27.33 1.09 0.00	27.16 1.08 0.00	23.32 1.03 0.00	25.19 1.12 0.00	29.97 1.30 0.00	33.50 1.42 0.00	32.74 1.36 0.00	35.49 1.51 0.49	37.17 1.63 0.34	37.71 1.70 0.24	38.75 1.52 0.27	62.98 2.56 0.00	78.11 3.57 0.00	101.24 4.98 0.00	79.08 3.54 -7.16	47.12 2.50 -0.78	49.32 2.74 0.00	44.99 2.44 0.00	37.30 1.98 0.00	32.10 1.61 0.00

HILLBURN___GT 23639	30.07 1.52 0.00	29.94 1.41 0.00	27.38 1.10 0.00	26.76 0.97 0.00	27.20 0.95 0.00	27.06 0.97 0.00	23.46 1.17 0.00	25.52 1.45 0.00	27.70 1.78 2.75	29.38 2.03 4.72	16.77 2.03 16.63	37.36 2.27 -0.61	38.87 2.56 -0.43	39.31 2.77 -0.29	40.74 2.90 -0.34	65.11 4.69 0.00	80.49 5.95 0.00	103.88 7.62 0.00	19.27 5.23 54.33	24.16 2.97 22.64	49.56 2.98 0.00	45.31 2.75 0.00	36.15 2.23 1.40	32.32 1.84 0.00
HILLSIDE_115KV_TB1 80332	28.85 0.18 -0.12	28.63 0.09 0.00	26.01 -0.27 0.00	25.46 -0.33 0.00	25.95 -0.30 0.00	25.81 -0.27 0.00	22.32 0.03 0.00	24.07 0.00 0.00	28.72 -0.03 -0.09	33.08 0.37 -0.63	32.38 0.40 -0.59	36.06 0.80 -0.78	37.66 0.92 -0.86	37.89 0.76 -0.88	39.18 0.72 -0.96	64.07 1.35 -2.30	79.03 1.62 -2.86	99.05 0.29 -2.50	70.15 -0.02 -1.79	45.07 0.03 -1.20	48.20 0.13 -1.49	43.72 -0.09 -1.25	36.16 0.01 -0.82	30.92 -0.10 -0.53
HISHELDN_WT_PWR 323625	28.89 0.34 0.00	28.67 0.14 0.00	25.96 -0.31 0.00	25.33 -0.46 0.00	25.72 -0.53 0.00	25.61 -0.47 0.00	22.03 -0.27 0.00	23.64 -0.43 0.00	28.33 -0.34 0.00	32.23 0.16 0.00	31.91 0.53 0.00	35.30 0.82 0.00	36.62 0.73 0.00	36.52 0.27 0.00	37.72 0.22 0.00	60.80 0.38 0.00	75.28 0.73 0.00	94.87 -1.41 0.00	67.01 -1.36 0.00	43.08 -0.75 0.00	45.78 -0.80 0.00	41.77 -0.78 0.00	34.79 -0.53 0.00	30.25 -0.23 0.00
HOLTSVILLE_IC_1 23690	32.49 2.28 -1.66	30.64 2.11 0.00	30.49 1.81 -2.41	30.55 1.70 -3.06	32.25 1.68 -4.33	27.72 1.64 0.00	24.03 1.73 0.00	26.12 2.05 0.00	33.36 2.51 -2.18	38.42 2.68 -3.67	46.85 2.53 -12.94	37.83 2.73 -0.62	39.68 3.32 -0.49	40.18 3.60 -0.33	56.30 3.76 -15.04	65.89 5.46 0.00	131.85 7.11 -50.20	123.79 8.71 -18.81	124.53 6.01 -50.15	64.84 3.77 -17.24	50.45 3.78 -0.09	46.38 3.40 -0.42	39.27 2.93 -1.01	34.93 2.59 -1.85
HOLTSVILLE_IC_10 23699	32.67 2.46 -1.66	30.81 2.28 0.00	30.64 1.96 -2.41	30.69 1.84 -3.06	32.39 1.81 -4.33	27.86 1.78 0.00	24.16 1.87 0.00	26.26 2.19 0.00	33.56 2.71 -2.18	38.64 2.89 -3.67	47.08 2.76 -12.94	38.07 2.99 -0.60	40.00 3.63 -0.49	40.54 3.95 -0.33	57.33 4.12 -15.71	66.47 6.05 0.00	145.91 7.86 -63.50	129.33 9.60 -23.46	125.98 6.64 -50.96	65.23 4.16 -17.24	50.85 4.17 -0.09	46.73 3.75 -0.42	39.56 3.22 -1.02	35.16 2.82 -1.85
HOLTSVILLE_IC_2 23691	32.49 2.28 -1.66	30.64 2.11 0.00	30.49 1.81 -2.41	30.55 1.70 -3.06	32.25 1.68 -4.33	27.72 1.64 0.00	24.03 1.73 0.00	26.12 2.05 0.00	33.36 2.51 -2.18	38.42 2.68 -3.67	46.85 2.53 -12.94	37.83 2.73 -0.62	39.68 3.32 -0.49	40.18 3.60 -0.33	56.30 3.76 -15.04	65.89 5.46 0.00	131.85 7.11 -50.20	123.79 8.71 -18.81	124.53 6.01 -50.15	64.84 3.77 -17.24	50.45 3.78 -0.09	46.38 3.40 -0.42	39.27 2.93 -1.01	34.93 2.59 -1.85
HOLTSVILLE_IC_3 23692	32.49 2.28 -1.66	30.64 2.11 0.00	30.49 1.81 -2.41	30.55 1.70 -3.06	32.25 1.68 -4.33	27.72 1.64 0.00	24.03 1.73 0.00	26.12 2.05 0.00	33.36 2.51 -2.18	38.42 2.68 -3.67	46.85 2.53 -12.94	37.83 2.73 -0.62	39.68 3.32 -0.49	40.18 3.60 -0.33	56.30 3.76 -15.04	65.89 5.46 0.00	131.85 7.11 -50.20	123.79 8.71 -18.81	124.53 6.01 -50.15	64.84 3.77 -17.24	50.45 3.78 -0.09	46.38 3.40 -0.42	39.27 2.93 -1.01	34.93 2.59 -1.85
HOLTSVILLE_IC_4 23693	32.49 2.28 -1.66	30.64 2.11 0.00	30.49 1.81 -2.41	30.55 1.70 -3.06	32.25 1.68 -4.33	27.72 1.64 0.00	24.03 1.73 0.00	26.12 2.05 0.00	33.36 2.51 -2.18	38.42 2.68 -3.67	46.85 2.53 -12.94	37.83 2.73 -0.62	39.68 3.32 -0.49	40.18 3.60 -0.33	56.30 3.76 -15.04	65.89 5.46 0.00	131.85 7.11 -50.20	123.79 8.71 -18.81	124.53 6.01 -50.15	64.84 3.77 -17.24	50.45 3.78 -0.09	46.38 3.40 -0.42	39.27 2.93 -1.01	34.93 2.59 -1.85
HOLTSVILLE_IC_5 23694	32.49 2.28 -1.66	30.64 2.11 0.00	30.49 1.81 -2.41	30.55 1.70 -3.06	32.25 1.68 -4.33	27.72 1.64 0.00	24.03 1.73 0.00	26.12 2.05 0.00	33.36 2.51 -2.18	38.42 2.68 -3.67	46.85 2.53 -12.94	37.83 2.73 -0.62	39.68 3.32 -0.49	40.18 3.60 -0.33	56.30 3.76 -15.04	65.89 5.46 0.00	131.85 7.11 -50.20	123.79 8.71 -18.81	124.53 6.01 -50.15	64.84 3.77 -17.24	50.45 3.78 -0.09	46.38 3.40 -0.42	39.27 2.93 -1.01	34.93 2.59 -1.85
HOLTSVILLE_IC_6 23695	32.67 2.46 -1.66	30.81 2.28 0.00	30.64 1.96 -2.41	30.69 1.84 -3.06	32.39 1.81 -4.33	27.86 1.78 0.00	24.16 1.87 0.00	26.26 2.19 0.00	33.56 2.71 -2.18	38.64 2.89 -3.67	47.08 2.76 -12.94	38.07 2.99 -0.60	40.00 3.63 -0.49	40.54 3.95 -0.33	57.33 4.12 -15.71	66.47 6.05 0.00	145.91 7.86 -63.50	129.33 9.60 -23.46	125.98 6.64 -50.96	65.23 4.16 -17.24	50.85 4.17 -0.09	46.73 3.75 -0.42	39.56 3.22 -1.02	35.16 2.82 -1.85
HOLTSVILLE_IC_7 23696	32.67 2.46 -1.66	30.81 2.28 0.00	30.64 1.96 -2.41	30.69 1.84 -3.06	32.39 1.81 -4.33	27.86 1.78 0.00	24.16 1.87 0.00	26.26 2.19 0.00	33.56 2.71 -2.18	38.64 2.89 -3.67	47.08 2.76 -12.94	38.07 2.99 -0.60	40.00 3.63 -0.49	40.54 3.95 -0.33	57.33 4.12 -15.71	66.47 6.05 0.00	145.91 7.86 -63.50	129.33 9.60 -23.46	125.98 6.64 -50.96	65.23 4.16 -17.24	50.85 4.17 -0.09	46.73 3.75 -0.42	39.56 3.22 -1.02	35.16 2.82 -1.85
HOLTSVILLE_IC_8 23697	32.67 2.46 -1.66	30.81 2.28 0.00	30.64 1.96 -2.41	30.69 1.84 -3.06	32.39 1.81 -4.33	27.86 1.78 0.00	24.16 1.87 0.00	26.26 2.19 0.00	33.56 2.71 -2.18	38.64 2.89 -3.67	47.08 2.76 -12.94	38.07 2.99 -0.60	40.00 3.63 -0.49	40.54 3.95 -0.33	57.33 4.12 -15.71	66.47 6.05 0.00	145.91 7.86 -63.50	129.33 9.60 -23.46	125.98 6.64 -50.96	65.23 4.16 -17.24	50.85 4.17 -0.09	46.73 3.75 -0.42	39.56 3.22 -1.02	35.16 2.82 -1.85
HOLTSVILLE_IC_9 23698	32.67 2.46 -1.66	30.81 2.28 0.00	30.64 1.96 -2.41	30.69 1.84 -3.06	32.39 1.81 -4.33	27.86 1.78 0.00	24.16 1.87 0.00	26.26 2.19 0.00	33.56 2.71 -2.18	38.64 2.89 -3.67	47.08 2.76 -12.94	38.07 2.99 -0.60	40.00 3.63 -0.49	40.54 3.95 -0.33	57.33 4.12 -15.71	66.47 6.05 0.00	145.91 7.86 -63.50	129.33 9.60 -23.46	125.98 6.64 -50.96	65.23 4.16 -17.24	50.85 4.17 -0.09	46.73 3.75 -0.42	39.56 3.22 -1.02	35.16 2.82 -1.85
HOMER_HL_115KV_TB2 355744	29.09 0.53 0.00	28.89 0.35 0.00	26.12 -0.15 0.00	25.47 -0.32 0.00	25.90 -0.34 0.00	25.81 -0.27 0.00	22.33 0.03 0.00	24.02 -0.05 0.00	28.72 0.06 0.00	32.72 0.65 0.00	32.08 0.70 0.00	35.55 1.08 0.00	36.93 1.04 0.00	36.92 0.67 0.00	38.10 0.60 0.00	61.40 0.97 0.00	76.00 1.46 0.00	95.43 -0.84 0.00	67.43 -0.94 0.00	43.35 -0.48 0.00	46.16 -0.42 0.00	42.09 -0.47 0.00	35.09 -0.24 0.00	30.38 -0.11 0.00
HOWARD_WT_PWR 323690	29.68 1.04 -0.09	29.39 0.86 0.00	26.65 0.38 0.00	26.03 0.24 0.00	26.47 0.23 0.00	26.36 0.27 0.00	22.71 0.42 0.00	24.44 0.36 0.00	29.33 0.60 -0.06	33.68 1.16 -0.45	33.11 1.31 -0.42	36.67 1.64 -0.56	38.16 1.67 -0.61	38.20 1.32 -0.62	39.54 1.36 -0.68	64.33 2.28 -1.63	79.79 3.22 -2.03	100.38 2.34 -1.77	71.12 1.48 -1.27	45.70 1.02 -0.85	48.89 1.25 -1.06	44.42 0.98 -0.88	36.84 0.93 -0.58	31.72 0.86 -0.38

HQ_GEN_CEDARS 23644	27.89 -0.66 0.00	27.84 -0.69 0.00	25.76 -0.51 0.00	25.33 -0.46 0.00	25.78 -0.46 0.00	25.66 -0.43 0.00	21.70 -0.60 0.00	23.44 -0.63 0.00	27.91 -0.75 0.00	31.08 -0.99 0.00	30.47 -0.91 0.00	33.44 -1.03 0.00	34.62 -1.27 0.00	34.91 -1.34 0.00	36.21 -1.29 0.00	58.38 -2.04 0.00	72.13 -2.41 0.00	93.41 -2.86 0.00	66.37 -2.00 0.00	42.64 -1.19 0.00	45.36 -1.23 0.00	41.53 -1.03 0.00	34.49 -0.83 0.00	29.86 -0.63 0.00
HQ_GEN_CEDARS_PROXY 323590	27.89 -0.66 0.00	27.84 -0.69 0.00	25.76 -0.51 0.00	25.33 -0.46 0.00	25.78 -0.46 0.00	25.65 -0.43 0.00	21.66 -0.60 0.04	23.44 -0.63 0.00	27.91 -0.75 0.00	31.08 -0.99 0.00	30.47 -0.91 0.00	33.45 -1.03 0.00	34.62 -1.27 0.00	34.90 -1.35 0.00	36.20 -1.29 0.00	58.38 -2.04 0.00	72.13 -2.42 0.00	93.41 -2.86 0.00	66.37 -2.00 0.00	42.64 -1.19 0.00	45.36 -1.23 0.00	41.53 -1.02 0.00	34.49 -0.83 0.00	29.86 -0.63 0.00
HQ_GEN_IMPORT 323601	28.22 -0.34 0.00	28.20 -0.33 0.00	26.12 -0.15 0.00	25.66 -0.12 0.00	26.11 -0.13 0.00	25.96 -0.12 0.00	22.00 -0.30 0.00	23.73 -0.33 0.00	28.28 -0.38 0.00	31.49 -0.52 0.07	30.83 -0.55 0.00	33.83 -0.65 0.00	34.83 -0.76 0.29	35.43 -0.82 0.00	36.70 -0.80 0.00	59.14 -1.28 0.00	73.04 -1.50 0.00	94.40 -1.87 0.00	67.05 -1.32 0.00	43.00 -0.82 0.00	45.71 -0.88 0.00	41.83 -0.72 0.00	34.74 -0.58 0.00	30.05 -0.43 0.00
HQ_GEN_WHEEL 23651	28.22 -0.34 0.00	28.20 -0.33 0.00	26.12 -0.15 0.00	25.66 -0.12 0.00	26.11 -0.13 0.00	25.96 -0.12 0.00	22.00 -0.30 0.00	23.73 -0.33 0.00	28.28 -0.38 0.00	31.49 -0.52 0.07	30.83 -0.55 0.00	33.83 -0.65 0.00	34.83 -0.76 0.29	35.43 -0.82 0.00	36.70 -0.80 0.00	59.14 -1.28 0.00	73.04 -1.50 0.00	94.40 -1.87 0.00	67.05 -1.32 0.00	43.00 -0.82 0.00	45.71 -0.88 0.00	41.83 -0.72 0.00	34.74 -0.58 0.00	30.05 -0.43 0.00
HUDSON_AVE_GT_3 23810	30.42 1.87 0.00	30.26 1.72 0.00	27.65 1.38 0.00	27.03 1.25 0.00	27.47 1.23 0.00	27.34 1.26 0.00	23.74 1.45 0.00	25.86 1.79 0.00	32.98 2.20 -2.12	38.22 2.51 -3.64	46.74 2.54 -12.83	38.01 2.84 -0.69	39.57 3.20 -0.48	39.97 3.39 -0.33	41.42 3.55 -0.38	66.17 5.75 0.00	81.70 7.16 0.00	105.30 9.03 0.00	121.65 6.28 -47.01	64.46 3.52 -17.11	50.10 3.51 0.00	45.83 3.28 0.00	39.09 2.76 -1.00	32.82 2.34 0.00
HUDSON_AVE_GT_4 23540	30.42 1.87 0.00	30.26 1.72 0.00	27.65 1.38 0.00	27.03 1.25 0.00	27.47 1.23 0.00	27.34 1.26 0.00	23.74 1.45 0.00	25.86 1.79 0.00	32.98 2.20 -2.12	38.22 2.51 -3.64	46.74 2.54 -12.83	38.01 2.84 -0.69	39.57 3.20 -0.48	39.97 3.39 -0.33	41.42 3.55 -0.38	66.17 5.75 0.00	81.70 7.16 0.00	105.30 9.03 0.00	121.65 6.28 -47.01	64.46 3.52 -17.11	50.10 3.51 0.00	45.83 3.28 0.00	39.09 2.76 -1.00	32.82 2.34 0.00
HUDSON_AVE_GT_5 23657	30.42 1.87 0.00	30.26 1.72 0.00	27.65 1.38 0.00	27.03 1.25 0.00	27.47 1.23 0.00	27.34 1.26 0.00	23.74 1.45 0.00	25.86 1.79 0.00	32.98 2.20 -2.12	38.22 2.51 -3.64	46.74 2.54 -12.83	38.01 2.84 -0.69	39.57 3.20 -0.48	39.97 3.39 -0.33	41.42 3.55 -0.38	66.17 5.75 0.00	81.70 7.16 0.00	105.30 9.03 0.00	121.65 6.28 -47.01	64.46 3.52 -17.11	50.10 3.51 0.00	45.83 3.28 0.00	39.09 2.76 -1.00	32.82 2.34 0.00
HUDSON_AVE_10 24168	30.31 1.76 0.00	30.17 1.63 0.00	27.57 1.30 0.00	26.95 1.16 0.00	27.36 1.12 0.00	27.24 1.16 0.00	23.65 1.36 0.00	25.78 1.71 0.00	32.89 2.11 -2.12	38.11 2.40 -3.64	46.64 2.44 -12.83	37.92 2.75 -0.69	39.44 3.07 -0.48	39.85 3.27 -0.33	41.32 3.44 -0.38	66.02 5.60 0.00	81.48 6.94 0.00	105.05 8.78 0.00	121.45 6.07 -47.01	64.32 3.37 -17.11	49.94 3.36 0.00	45.67 3.11 0.00	38.95 2.62 -1.00	32.71 2.22 0.00
HUDSON___115KV_TB 4 355613	29.79 1.24 0.00	29.72 1.18 0.00	27.27 1.00 0.00	26.77 0.99 0.00	27.25 1.01 0.00	27.06 0.97 0.00	23.31 1.02 0.00	25.21 1.14 0.00	30.19 1.23 -0.30	33.83 1.25 -0.51	34.29 1.13 -1.79	35.18 1.10 0.41	36.81 1.21 0.28	37.41 1.35 0.19	38.91 1.64 0.22	63.44 3.02 0.00	77.69 3.15 0.00	100.43 4.16 0.00	78.52 3.17 -6.97	46.85 2.26 -0.76	49.04 2.46 0.00	44.67 2.12 0.00	37.05 1.72 0.00	31.95 1.47 0.00
HUNTER MOUNT___DRP 323613	30.00 1.45 0.00	29.92 1.39 0.00	27.46 1.18 0.00	26.97 1.19 0.00	27.46 1.22 0.00	27.26 1.18 0.00	23.46 1.16 0.00	25.36 1.29 0.00	30.07 1.40 0.00	33.46 1.39 0.00	32.62 1.24 0.00	35.40 1.17 0.25	36.98 1.27 0.17	37.54 1.41 0.12	39.18 1.82 0.14	63.73 3.31 0.00	77.80 3.26 0.00	100.50 4.23 0.00	76.95 3.42 -5.16	46.92 2.52 -0.56	49.35 2.76 0.00	44.92 2.37 0.00	37.24 1.92 0.00	32.15 1.66 0.00
HUNTINGTON_RES_REC 323705	32.44 2.22 -1.66	30.58 2.05 0.00	30.45 1.77 -2.41	30.50 1.66 -3.06	32.22 1.64 -4.33	27.67 1.59 0.00	23.99 1.70 0.00	26.06 1.99 0.00	33.27 2.42 -2.18	38.32 2.58 -3.67	46.78 2.47 -12.94	37.61 2.70 -0.43	39.69 3.32 -0.49	40.22 3.63 -0.34	63.87 3.83 -22.54	65.97 5.54 -0.01	280.74 7.21 -198.99	174.61 8.97 -69.38	133.94 6.23 -59.34	64.92 3.85 -17.24	50.47 3.78 -0.10	46.36 3.38 -0.42	39.20 2.86 -1.01	34.83 2.50 -1.85
HUNTLEY___63 23557	28.79 0.24 0.00	28.53 -0.01 0.00	25.79 -0.49 0.00	25.14 -0.65 0.00	25.50 -0.74 0.00	25.40 -0.68 0.00	21.81 -0.48 0.00	23.36 -0.71 0.00	28.05 -0.62 0.00	31.96 -0.12 0.00	31.81 0.43 0.00	35.17 0.69 0.00	36.43 0.55 0.00	36.22 -0.03 0.00	37.41 -0.09 0.00	60.15 -0.28 -0.01	74.48 -0.10 -0.04	93.69 -2.61 -0.04	66.09 -2.32 -0.04	42.47 -1.37 -0.01	45.10 -1.48 0.00	41.24 -1.31 0.00	34.33 -0.99 0.00	29.98 -0.50 0.00
HUNTLEY___64 23558	28.79 0.24 0.00	28.53 -0.01 0.00	25.79 -0.49 0.00	25.14 -0.65 0.00	25.50 -0.74 0.00	25.40 -0.68 0.00	21.81 -0.48 0.00	23.36 -0.71 0.00	28.05 -0.62 0.00	31.96 -0.12 0.00	31.81 0.43 0.00	35.17 0.69 0.00	36.43 0.55 0.00	36.22 -0.03 0.00	37.41 -0.09 0.00	60.15 -0.28 -0.01	74.48 -0.10 -0.04	93.69 -2.61 -0.04	66.09 -2.32 -0.04	42.47 -1.37 -0.01	45.10 -1.48 0.00	41.24 -1.31 0.00	34.33 -0.99 0.00	29.98 -0.50 0.00
HUNTLEY___65 23559	28.79 0.24 0.00	28.53 -0.01 0.00	25.79 -0.49 0.00	25.14 -0.65 0.00	25.50 -0.74 0.00	25.40 -0.68 0.00	21.81 -0.48 0.00	23.36 -0.71 0.00	28.05 -0.62 0.00	31.96 -0.12 0.00	31.81 0.43 0.00	35.17 0.69 0.00	36.43 0.55 0.00	36.22 -0.03 0.00	37.41 -0.09 0.00	60.15 -0.28 -0.01	74.48 -0.10 -0.04	93.69 -2.61 -0.04	66.09 -2.32 -0.04	42.47 -1.37 -0.01	45.10 -1.48 0.00	41.24 -1.31 0.00	34.33 -0.99 0.00	29.98 -0.50 0.00
HUNTLEY___66 23560	28.79 0.24 0.00	28.53 -0.01 0.00	25.79 -0.49 0.00	25.14 -0.65 0.00	25.50 -0.74 0.00	25.40 -0.68 0.00	21.81 -0.48 0.00	23.36 -0.71 0.00	28.05 -0.62 0.00	31.96 -0.12 0.00	31.81 0.43 0.00	35.17 0.69 0.00	36.43 0.55 0.00	36.22 -0.03 0.00	37.41 -0.09 0.00	60.15 -0.28 -0.01	74.48 -0.10 -0.04	93.69 -2.61 -0.04	66.09 -2.32 -0.04	42.47 -1.37 -0.01	45.10 -1.48 0.00	41.24 -1.31 0.00	34.33 -0.99 0.00	29.98 -0.50 0.00



HUNTLEY___67 23561	28.59 0.04 0.00	28.36 -0.18 0.00	25.65 -0.63 0.00	25.01 -0.78 0.00	25.37 -0.87 0.00	25.27 -0.81 0.00	21.70 -0.60 0.00	23.24 -0.82 0.00	27.88 -0.78 0.00	31.75 -0.33 0.00	31.53 0.15 0.00	34.86 0.38 0.00	36.11 0.22 0.00	35.91 -0.34 0.00	37.07 -0.43 0.00	59.71 -0.71 0.00	73.91 -0.63 0.00	93.00 -3.26 0.00	65.65 -2.72 0.00	42.20 -1.63 0.00	44.83 -1.75 0.00	40.95 -1.61 0.00	34.11 -1.22 0.00	29.76 -0.73 0.00
HUNTLEY___68 23562	28.59 0.04 0.00	28.36 -0.18 0.00	25.65 -0.63 0.00	25.01 -0.78 0.00	25.37 -0.87 0.00	25.27 -0.81 0.00	21.70 -0.60 0.00	23.24 -0.82 0.00	27.88 -0.78 0.00	31.75 -0.33 0.00	31.53 0.15 0.00	34.86 0.38 0.00	36.11 0.22 0.00	35.91 -0.34 0.00	37.07 -0.43 0.00	59.71 -0.71 0.00	73.91 -0.63 0.00	93.00 -3.26 0.00	65.65 -2.72 0.00	42.20 -1.63 0.00	44.83 -1.75 0.00	40.95 -1.61 0.00	34.11 -1.22 0.00	29.76 -0.73 0.00
HYLAND___LFGE 323620	30.52 1.96 0.00	30.25 1.72 0.00	27.44 1.16 0.00	26.77 0.98 0.00	27.19 0.94 0.00	27.11 1.02 0.00	23.34 1.05 0.00	25.18 1.10 0.00	30.07 1.41 0.00	33.77 1.69 0.00	32.60 1.23 0.00	36.05 1.57 0.00	36.65 0.76 0.00	36.66 0.41 0.00	38.07 0.57 0.00	61.28 0.86 0.00	76.08 1.54 0.00	98.12 1.85 0.00	70.23 1.86 0.00	45.48 1.65 0.00	48.39 1.80 0.00	44.17 1.61 0.00	37.42 2.10 0.00	32.38 1.90 0.00
INDECK___CORINTH 23802	30.08 1.53 0.00	29.92 1.38 0.00	27.45 1.17 0.00	26.96 1.17 0.00	27.43 1.18 0.00	27.26 1.17 0.00	23.43 1.14 0.00	25.39 1.32 0.00	30.37 1.37 -0.32	34.20 1.57 -0.56	34.63 1.29 -1.96	35.36 1.54 0.65	37.13 1.69 0.45	37.54 1.60 0.31	38.69 1.55 0.36	63.22 2.80 0.00	78.09 3.55 0.00	101.91 5.64 0.00	80.96 4.47 -8.12	47.96 3.24 -0.89	50.12 3.53 0.00	45.49 2.94 0.00	37.67 2.34 0.00	32.37 1.89 0.00
INDECK___ILION 23567	28.95 0.40 0.00	28.91 0.38 0.00	26.54 0.27 0.00	26.04 0.25 0.00	26.51 0.27 0.00	26.34 0.26 0.00	22.63 0.34 0.00	24.47 0.40 0.00	29.07 0.41 0.00	32.48 0.41 0.00	31.73 0.35 0.00	34.93 0.45 0.00	36.45 0.57 0.00	36.86 0.61 0.00	37.97 0.47 0.00	61.24 0.81 0.00	75.70 1.16 0.00	98.01 1.75 0.00	69.65 1.28 0.00	44.85 1.02 0.00	47.70 1.12 0.00	43.50 0.94 0.00	36.06 0.74 0.00	30.99 0.51 0.00
INDECK___OLEAN 23982	29.09 0.54 0.00	28.89 0.35 0.00	26.12 -0.15 0.00	25.46 -0.32 0.00	25.90 -0.34 0.00	25.81 -0.27 0.00	22.33 0.04 0.00	24.02 -0.05 0.00	28.73 0.06 0.00	32.73 0.65 0.00	32.08 0.71 0.00	35.55 1.08 0.00	36.93 1.05 0.00	36.92 0.67 0.00	38.10 0.60 0.00	61.40 0.98 0.00	76.02 1.48 0.00	95.47 -0.80 0.00	67.44 -0.93 0.00	43.35 -0.48 0.00	46.16 -0.42 0.00	42.10 -0.45 0.00	35.10 -0.23 0.00	30.38 -0.10 0.00
INDECK___OSWEGO 23783	28.96 -0.53 -0.94	28.07 -0.46 0.00	25.75 -0.52 0.00	25.25 -0.54 0.00	25.70 -0.55 0.00	25.55 -0.54 0.00	21.90 -0.40 0.00	23.57 -0.50 0.00	28.77 -0.56 -0.67	36.37 -0.49 -4.79	35.51 -0.40 -4.53	40.02 -0.41 -5.96	41.97 -0.45 -6.53	42.33 -0.63 -6.71	44.09 -0.75 -7.34	76.75 -1.18 -17.51	94.83 -1.49 -21.77	113.25 -2.04 -19.02	80.57 -1.43 -13.63	52.09 -0.88 -9.13	57.25 -0.66 -11.32	51.50 -0.54 -9.49	41.09 -0.50 -6.25	34.04 -0.50 -4.06
INDECK___YERKES 23781	28.81 0.26 0.00	28.55 0.01 0.00	25.81 -0.47 0.00	25.15 -0.63 0.00	25.52 -0.72 0.00	25.43 -0.65 0.00	21.83 -0.46 0.00	23.38 -0.68 0.00	28.08 -0.58 0.00	31.99 -0.09 0.00	31.85 0.47 0.00	35.22 0.74 0.00	36.48 0.60 0.00	36.26 0.01 0.00	37.45 -0.05 0.00	60.22 -0.21 -0.01	74.59 0.01 -0.04	93.78 -2.53 -0.04	66.15 -2.26 -0.04	42.51 -1.33 -0.01	45.16 -1.43 0.00	41.29 -1.26 0.00	34.37 -0.95 0.00	30.02 -0.47 0.00
INDIAN POINT_GT_1 24139	30.07 1.52 0.00	29.94 1.40 0.00	27.38 1.10 0.00	26.77 0.99 0.00	27.21 0.97 0.00	27.07 0.99 0.00	23.47 1.18 0.00	25.53 1.47 0.00	32.94 1.79 -2.48	38.36 2.02 -4.27	48.45 2.03 -15.05	37.42 2.26 -0.68	38.90 2.55 -0.47	39.31 2.74 -0.32	40.74 2.87 -0.38	65.04 4.62 0.00	80.35 5.80 0.00	103.73 7.47 0.00	168.94 5.17 -95.40	163.93 2.95 -117.15	49.54 2.96 0.00	45.27 2.71 0.00	46.52 2.25 -8.95	32.35 1.86 0.00
INDIAN POINT_GT_2 23659	30.07 1.52 0.00	29.94 1.40 0.00	27.38 1.10 0.00	26.77 0.99 0.00	27.21 0.97 0.00	27.07 0.99 0.00	23.47 1.18 0.00	25.53 1.47 0.00	32.94 1.79 -2.48	38.36 2.02 -4.27	48.45 2.03 -15.05	37.42 2.26 -0.68	38.90 2.55 -0.47	39.31 2.74 -0.32	40.74 2.87 -0.38	65.04 4.62 0.00	80.35 5.80 0.00	103.73 7.47 0.00	168.94 5.17 -95.40	163.93 2.95 -117.15	49.54 2.96 0.00	45.27 2.71 0.00	46.52 2.25 -8.95	32.35 1.86 0.00
INDIAN POINT_GT_3 24019	30.07 1.52 0.00	29.94 1.40 0.00	27.38 1.10 0.00	26.77 0.99 0.00	27.21 0.97 0.00	27.07 0.99 0.00	23.47 1.18 0.00	25.53 1.47 0.00	32.94 1.79 -2.48	38.36 2.02 -4.27	48.45 2.03 -15.05	37.42 2.26 -0.68	38.90 2.55 -0.47	39.31 2.74 -0.32	40.74 2.87 -0.38	65.04 4.62 0.00	80.35 5.80 0.00	103.73 7.47 0.00	168.94 5.17 -95.40	163.93 2.95 -117.15	49.54 2.96 0.00	45.27 2.71 0.00	46.52 2.25 -8.95	32.35 1.86 0.00
INDIAN POINT___2 23530	30.04 1.49 0.00	29.90 1.37 0.00	27.35 1.07 0.00	26.74 0.95 0.00	27.18 0.93 0.00	27.04 0.95 0.00	23.44 1.15 0.00	25.50 1.43 0.00	33.77 1.74 -3.36	39.82 1.98 -5.77	53.70 1.98 -20.35	37.33 2.20 -0.65	38.83 2.50 -0.46	39.24 2.68 -0.31	40.67 2.81 -0.36	64.92 4.50 0.00	80.24 5.70 0.00	103.55 7.28 0.00	111.44 5.04 -38.03	19.04 2.85 27.64	49.44 2.86 0.00	45.21 2.66 0.00	34.84 2.18 2.67	32.29 1.81 0.00
INDIAN POINT___3 23531	30.04 1.49 0.00	29.91 1.37 0.00	27.35 1.08 0.00	26.75 0.96 0.00	27.19 0.94 0.00	27.05 0.96 0.00	23.44 1.15 0.00	25.50 1.43 0.00	32.96 1.74 -2.55	38.42 1.97 -4.38	48.78 1.96 -15.44	37.34 2.18 -0.68	38.81 2.46 -0.47	39.21 2.64 -0.32	40.63 2.76 -0.38	64.86 4.43 0.00	80.11 5.57 0.00	103.44 7.17 0.00	114.98 4.97 -41.64	44.66 2.82 2.00	49.41 2.82 0.00	45.16 2.61 0.00	36.92 2.15 0.55	32.27 1.78 0.00
INGHAM_C_115KV_TB7 356103	29.18 0.63 0.00	29.11 0.58 0.00	26.68 0.40 0.00	26.15 0.36 0.00	26.63 0.39 0.00	26.44 0.36 0.00	22.83 0.53 0.00	24.72 0.65 0.00	29.27 0.61 0.00	32.61 0.54 0.00	31.76 0.38 0.00	35.01 0.54 0.00	36.65 0.77 0.00	37.09 0.83 0.00	37.97 0.47 0.00	61.33 0.91 0.00	76.07 1.52 0.00	98.86 2.60 0.00	70.22 1.85 0.00	45.51 1.68 0.00	48.49 1.91 0.00	44.13 1.57 0.00	36.55 1.23 0.00	31.27 0.78 0.00
IP CORINTH___1 23988	30.26 1.70 0.00	30.09 1.55 0.00	27.58 1.31 0.00	27.09 1.30 0.00	27.56 1.31 0.00	27.41 1.33 0.00	23.57 1.27 0.00	25.54 1.47 0.00	30.53 1.54 -0.32	34.40 1.76 -0.56	34.82 1.48 -1.96	35.57 1.74 0.65	37.34 1.91 0.45	37.75 1.81 0.31	38.91 1.77 0.36	63.57 3.15 0.00	78.54 3.99 0.00	102.49 6.22 0.00	81.33 4.84 -8.12	48.19 3.48 -0.89	50.39 3.81 0.00	45.74 3.18 0.00	37.88 2.55 0.00	32.55 2.07 0.00

IP__TICONDEROGA 23804	32.45 3.90 0.00	32.09 3.56 0.00	29.18 2.91 0.00	28.79 3.00 0.00	29.29 3.04 0.00	29.18 3.09 0.00	25.18 2.88 0.00	27.28 3.21 0.00	32.13 3.14 -0.33	36.31 3.68 -0.56	36.52 3.17 -1.97	37.66 3.85 0.67	39.40 3.98 0.46	39.83 3.90 0.32	40.97 3.84 0.37	67.55 7.13 0.00	83.35 8.81 0.00	110.22 13.95 0.00	86.07 9.53 -8.17	51.43 6.71 -0.89	53.88 7.30 0.00	48.63 6.08 0.00	40.23 4.91 0.00	34.73 4.25 0.00
ISLIP_RES_REC 323679	32.84 2.63 -1.66	30.96 2.43 0.00	30.77 2.09 -2.41	30.81 1.96 -3.06	32.52 1.94 -4.33	27.98 1.89 0.00	24.27 1.98 0.00	26.39 2.32 0.00	33.72 2.87 -2.18	38.84 3.10 -3.67	47.30 2.98 -12.94	38.34 3.26 -0.61	40.30 3.94 -0.49	40.84 4.26 -0.33	57.38 4.46 -15.42	67.02 6.60 0.00	140.92 8.56 -57.82	128.39 10.48 -21.64	126.22 7.24 -50.61	65.59 4.52 -17.24	51.22 4.54 -0.09	47.05 4.08 -0.42	39.82 3.48 -1.02	35.36 3.03 -1.85
JAMAICA__27_KV_LOAD 355505	30.58 2.03 0.00	30.47 1.94 0.00	27.84 1.57 0.00	27.21 1.42 0.00	27.54 1.29 0.00	27.46 1.37 0.00	23.84 1.55 0.00	26.01 1.94 0.00	33.18 2.40 -2.12	38.43 2.72 -3.64	46.99 2.78 -12.83	38.39 3.22 -0.69	39.83 3.46 -0.48	40.27 3.69 -0.33	41.83 3.95 -0.38	66.90 6.47 0.00	82.54 8.00 0.00	106.44 10.17 0.00	122.37 6.99 -47.01	64.83 3.88 -17.11	50.48 3.90 0.00	46.15 3.59 0.00	39.31 2.99 -1.00	33.05 2.56 0.00
JANIS__SOLAR 323808	30.35 1.62 -0.18	30.07 1.53 0.00	27.43 1.16 0.00	26.87 1.08 0.00	27.35 1.11 0.00	27.22 1.14 0.00	23.43 1.14 0.00	25.30 1.23 0.00	30.30 1.51 -0.13	34.88 1.89 -0.91	34.13 1.88 -0.86	37.62 2.01 -1.14	39.16 2.03 -1.24	39.58 2.05 -1.28	41.19 2.29 -1.40	67.46 3.70 -3.34	83.36 4.66 -4.15	105.53 5.64 -3.62	75.42 4.45 -2.60	48.67 3.10 -1.74	52.20 3.46 -2.16	47.38 3.02 -1.81	38.88 2.36 -1.19	33.08 1.82 -0.77
JARVIS____ 23743	28.70 0.14 0.00	28.69 0.15 0.00	26.38 0.10 0.00	25.89 0.10 0.00	26.35 0.11 0.00	26.19 0.10 0.00	22.44 0.15 0.00	24.24 0.17 0.00	28.84 0.18 0.00	32.30 0.22 0.00	31.59 0.21 0.00	34.73 0.25 0.00	36.17 0.28 0.00	36.56 0.31 0.00	37.80 0.30 0.00	60.90 0.48 0.00	75.07 0.53 0.00	96.99 0.72 0.00	68.92 0.54 0.00	44.18 0.35 0.00	46.96 0.38 0.00	42.90 0.34 0.00	35.57 0.25 0.00	30.70 0.21 0.00
JENNISON__1 23625	30.39 1.71 -0.13	30.14 1.61 0.00	27.51 1.24 0.00	26.96 1.18 0.00	27.45 1.20 0.00	27.32 1.24 0.00	23.54 1.25 0.00	25.47 1.40 0.00	30.44 1.68 -0.09	34.86 2.14 -0.64	34.18 2.20 -0.61	37.74 2.47 -0.80	39.42 2.66 -0.88	39.81 2.66 -0.90	41.28 2.80 -0.98	67.41 4.64 -2.34	83.26 5.80 -2.92	105.72 6.91 -2.55	75.19 4.99 -1.82	48.27 3.22 -1.22	51.58 3.48 -1.52	46.89 3.06 -1.27	38.62 2.45 -0.84	32.93 1.90 -0.54
JENNISON__2 23626	30.39 1.71 -0.13	30.14 1.61 0.00	27.51 1.24 0.00	26.96 1.18 0.00	27.45 1.20 0.00	27.32 1.24 0.00	23.54 1.25 0.00	25.47 1.40 0.00	30.44 1.68 -0.09	34.86 2.14 -0.64	34.18 2.20 -0.61	37.74 2.47 -0.80	39.42 2.66 -0.88	39.81 2.66 -0.90	41.28 2.80 -0.98	67.41 4.64 -2.34	83.26 5.80 -2.92	105.72 6.91 -2.55	75.19 4.99 -1.82	48.27 3.22 -1.22	51.58 3.48 -1.52	46.89 3.06 -1.27	38.62 2.45 -0.84	32.93 1.90 -0.54
JERICHO_RISE_WT_PWR 323719	28.39 -0.16 0.00	28.37 -0.16 0.00	26.08 -0.19 0.00	25.70 -0.09 0.00	26.22 -0.03 0.00	26.14 0.06 0.00	22.17 -0.12 0.00	23.96 -0.11 0.00	28.50 -0.17 0.00	31.75 -0.33 0.00	31.12 -0.26 0.00	34.16 -0.32 0.00	35.40 -0.48 0.00	35.70 -0.55 0.00	36.86 -0.63 0.00	59.65 -0.77 0.00	73.83 -0.71 0.00	95.57 -0.70 0.00	67.89 -0.48 0.00	43.59 -0.24 0.00	46.35 -0.23 0.00	42.32 -0.24 0.00	35.14 -0.18 0.00	30.34 -0.14 0.00
KATONAH__115KV_46KV_TB4 355592	30.27 1.72 0.00	30.11 1.57 0.00	27.53 1.25 0.00	26.93 1.15 0.00	27.38 1.13 0.00	27.24 1.16 0.00	23.62 1.33 0.00	25.70 1.63 0.00	31.95 1.99 -1.29	36.57 2.28 -2.22	41.50 2.30 -7.83	37.75 2.58 -0.69	39.28 2.91 -0.48	39.71 3.13 -0.33	41.16 3.28 -0.38	65.73 5.30 0.00	81.21 6.67 0.00	104.86 8.60 0.00	109.92 6.02 -35.54	59.19 3.45 -11.91	50.04 3.45 0.00	45.68 3.13 0.00	38.56 2.56 -0.67	32.59 2.11 0.00
KCE_NY_1 323755	30.15 1.60 0.00	30.01 1.47 0.00	27.56 1.28 0.00	27.05 1.26 0.00	27.52 1.27 0.00	27.36 1.28 0.00	23.57 1.28 0.00	25.49 1.42 0.00	30.54 1.55 -0.33	34.34 1.70 -0.56	34.98 1.61 -1.99	35.58 1.79 0.69	37.37 1.96 0.48	37.91 1.99 0.33	39.08 1.96 0.38	63.77 3.35 0.00	78.65 4.11 0.00	102.19 5.92 0.00	81.02 4.40 -8.25	47.80 3.07 -0.90	49.85 3.27 0.00	45.32 2.76 0.00	37.55 2.23 0.00	32.31 1.82 0.00
KCE_NY_6_ESR 323823	29.00 0.45 0.00	28.74 0.21 0.00	25.99 -0.29 0.00	25.34 -0.45 0.00	25.72 -0.52 0.00	25.62 -0.47 0.00	22.02 -0.28 0.00	23.62 -0.45 0.00	28.33 -0.34 0.00	32.28 0.21 0.00	32.06 0.68 0.00	35.49 1.02 0.00	36.81 0.92 0.00	36.68 0.43 0.00	37.87 0.37 0.00	61.11 0.69 0.00	75.60 1.05 -0.01	95.09 -1.19 -0.01	67.08 -1.30 -0.01	43.09 -0.74 0.00	45.76 -0.82 0.00	41.77 -0.79 0.00	34.77 -0.55 0.00	30.26 -0.22 0.00
KEDC_PORT_JEFF_GT2 24210	32.58 2.37 -1.66	30.73 2.20 0.00	30.57 1.89 -2.41	30.62 1.77 -3.06	32.32 1.75 -4.33	27.79 1.70 0.00	24.10 1.80 0.00	26.20 2.13 0.00	33.46 2.61 -2.18	38.52 2.77 -3.67	46.93 2.61 -12.94	37.89 2.82 -0.60	39.80 3.43 -0.49	40.33 3.75 -0.33	57.50 3.83 -16.18	65.79 5.37 0.00	154.24 6.99 -72.70	131.30 8.51 -26.52	125.80 5.89 -51.53	64.74 3.67 -17.24	50.31 3.63 -0.09	46.31 3.33 -0.42	39.35 3.01 -1.01	35.00 2.67 -1.85
KEDC_PORT_JEFF_GT3 24211	32.58 2.37 -1.66	30.73 2.20 0.00	30.57 1.89 -2.41	30.62 1.77 -3.06	32.32 1.75 -4.33	27.79 1.70 0.00	24.10 1.80 0.00	26.20 2.13 0.00	33.46 2.61 -2.18	38.52 2.77 -3.67	46.93 2.61 -12.94	37.89 2.82 -0.60	39.80 3.43 -0.49	40.33 3.75 -0.33	57.50 3.83 -16.18	65.79 5.37 0.00	154.24 6.99 -72.70	131.30 8.51 -26.52	125.80 5.89 -51.53	64.74 3.67 -17.24	50.31 3.63 -0.09	46.31 3.33 -0.42	39.35 3.01 -1.01	35.00 2.67 -1.85
KEDC_GLWD_GT4 24219	32.50 2.29 -1.66	30.64 2.10 0.00	30.43 1.75 -2.41	30.47 1.62 -3.06	32.19 1.62 -4.33	27.68 1.60 0.00	24.00 1.71 0.00	26.13 2.06 0.00	33.39 2.54 -2.18	38.59 2.85 -3.67	47.20 2.88 -12.94	38.40 3.23 -0.69	40.01 3.64 -0.49	40.39 3.80 -0.33	54.04 3.89 -12.64	66.31 5.89 0.00	111.10 7.57 -28.98	134.70 9.45 -28.98	122.07 6.50 -47.21	64.92 3.85 -17.24	50.52 3.85 -0.09	46.55 3.57 -0.42	39.53 3.19 -1.01	35.05 2.72 -1.85
KEDC_GLWD_GT5 24220	32.50 2.29 -1.66	30.64 2.10 0.00	30.43 1.75 -2.41	30.47 1.62 -3.06	32.19 1.62 -4.33	27.68 1.60 0.00	24.00 1.71 0.00	26.13 2.06 0.00	33.39 2.54 -2.18	38.59 2.85 -3.67	47.20 2.88 -12.94	38.40 3.23 -0.69	40.01 3.64 -0.49	40.39 3.80 -0.33	54.04 3.89 -12.64	66.31 5.89 0.00	111.10 7.57 -28.98	134.70 9.45 -28.98	122.07 6.50 -47.21	64.92 3.85 -17.24	50.52 3.85 -0.09	46.55 3.57 -0.42	39.53 3.19 -1.01	35.05 2.72 -1.85

KENSICO____ 23655	30.17 1.62 0.00	30.03 1.49 0.00	27.46 1.18 0.00	26.86 1.07 0.00	27.30 1.05 0.00	27.16 1.08 0.00	23.55 1.25 0.00	25.62 1.55 0.00	32.83 1.90 -2.26	38.10 2.15 -3.88	47.21 2.15 -13.68	37.57 2.40 -0.69	39.08 2.71 -0.48	39.48 2.90 -0.33	40.90 3.02 -0.38	65.28 4.86 0.00	80.63 6.09 0.00	104.08 7.82 0.00	122.49 5.43 -48.69	65.41 3.09 -18.48	49.69 3.10 0.00	45.41 2.85 0.00	38.79 2.36 -1.10	32.46 1.97 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.24 1.69 0.00	30.07 1.53 0.00	27.47 1.20 0.00	26.86 1.07 0.00	27.30 1.05 0.00	27.15 1.07 0.00	23.51 1.22 0.00	25.57 1.50 0.00	30.53 1.87 0.00	34.29 2.22 0.00	33.59 2.21 0.00	37.42 2.56 -0.38	39.05 2.90 -0.27	39.34 2.91 -0.18	40.76 3.05 -0.21	65.39 4.97 0.00	81.15 6.61 0.00	104.60 8.34 0.00	66.81 5.68 7.25	46.40 3.36 0.79	50.02 3.44 0.00	45.93 3.37 0.00	38.03 2.70 0.00	32.63 2.15 0.00
KIAC_JFK_GT1 23816	30.38 1.83 0.00	30.27 1.74 0.00	27.67 1.40 0.00	27.04 1.25 0.00	27.39 1.15 0.00	27.30 1.22 0.00	23.71 1.41 0.00	25.85 1.78 0.00	33.00 2.21 -2.12	38.23 2.52 -3.64	46.79 2.59 -12.83	38.12 2.95 -0.69	39.43 3.06 -0.48	39.87 3.28 -0.33	41.41 3.53 -0.38	66.20 5.78 0.00	81.64 7.09 0.00	105.28 9.01 0.00	121.55 6.18 -47.01	64.30 3.36 -17.11	49.93 3.34 0.00	45.65 3.10 0.00	38.92 2.59 -1.00	32.80 2.32 0.00
KIAC_JFK_GT2 23817	30.38 1.83 0.00	30.27 1.74 0.00	27.67 1.40 0.00	27.04 1.25 0.00	27.39 1.15 0.00	27.30 1.22 0.00	23.71 1.41 0.00	25.85 1.78 0.00	33.00 2.21 -2.12	38.23 2.52 -3.64	46.79 2.59 -12.83	38.12 2.95 -0.69	39.43 3.06 -0.48	39.87 3.28 -0.33	41.41 3.53 -0.38	66.20 5.78 0.00	81.64 7.09 0.00	105.28 9.01 0.00	121.55 6.18 -47.01	64.30 3.36 -17.11	49.93 3.34 0.00	45.65 3.10 0.00	38.92 2.59 -1.00	32.80 2.32 0.00
KIAC_JFK____ 323774	30.38 1.83 0.00	30.27 1.74 0.00	27.67 1.39 0.00	27.04 1.25 0.00	27.39 1.14 0.00	27.30 1.22 0.00	23.71 1.41 0.00	25.85 1.78 0.00	33.00 2.21 -2.12	38.23 2.52 -3.64	46.78 2.58 -12.83	38.13 2.96 -0.69	39.43 3.06 -0.48	39.87 3.29 -0.33	41.41 3.53 -0.38	66.20 5.78 0.00	81.64 7.09 0.00	105.28 9.01 0.00	121.55 6.17 -47.01	64.30 3.36 -17.11	49.93 3.34 0.00	45.65 3.10 0.00	38.92 2.59 -1.00	32.80 2.32 0.00
KINTIGH____ 23543	28.47 -0.08 0.00	28.27 -0.27 0.00	25.62 -0.65 0.00	25.01 -0.78 0.00	25.38 -0.86 0.00	25.28 -0.81 0.00	21.69 -0.60 0.00	23.27 -0.80 0.00	27.90 -0.77 0.00	31.68 -0.39 0.00	31.38 0.00 0.00	34.65 0.18 0.00	35.89 0.01 0.00	35.75 -0.50 0.00	36.93 -0.57 0.00	59.49 -0.93 0.00	73.63 -0.91 0.00	93.03 -3.23 0.00	65.77 -2.60 0.00	42.24 -1.59 0.00	44.87 -1.71 0.00	40.99 -1.57 0.00	34.13 -1.20 0.00	29.71 -0.77 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.95 0.40 0.00	28.90 0.37 0.00	26.50 0.22 0.00	26.09 0.30 0.00	26.63 0.38 0.00	26.55 0.47 0.00	22.59 0.30 0.00	24.43 0.36 0.00	29.02 0.35 0.00	32.31 0.23 0.00	31.74 0.37 0.00	34.85 0.37 0.00	36.18 0.30 0.00	36.54 0.29 0.00	37.62 0.12 0.00	61.06 0.65 0.00	75.51 0.96 0.00	97.96 1.70 0.00	69.65 1.28 0.00	44.77 0.94 0.00	47.58 1.00 0.00	43.39 0.83 0.00	35.99 0.67 0.00	31.03 0.55 0.00
LACHUTE____HYDRO 323717	32.45 3.90 0.00	32.09 3.56 0.00	29.18 2.91 0.00	28.79 3.00 0.00	29.29 3.04 0.00	29.17 3.09 0.00	25.17 2.88 0.00	27.28 3.21 0.00	32.13 3.14 -0.33	36.31 3.68 -0.56	36.52 3.17 -1.97	37.66 3.84 0.67	39.40 3.98 0.46	39.83 3.90 0.32	40.97 3.84 0.37	67.55 7.13 0.00	83.35 8.80 0.00	110.22 13.95 0.00	86.08 9.53 -8.17	51.43 6.71 -0.89	53.88 7.30 0.00	48.63 6.08 0.00	40.23 4.91 0.00	34.73 4.24 0.00
LAWRNCALV_115KV_TB1 80681	27.56 -0.99 0.00	27.52 -1.01 0.00	25.47 -0.81 0.00	25.04 -0.75 0.00	25.50 -0.75 0.00	25.38 -0.70 0.00	21.47 -0.82 0.00	23.22 -0.85 0.00	27.63 -1.04 0.00	30.75 -1.33 0.00	30.21 -1.17 0.00	33.14 -1.33 0.00	34.31 -1.57 0.00	34.64 -1.61 0.00	35.93 -1.57 0.00	57.99 -2.43 0.00	71.62 -2.92 0.00	93.04 -3.23 0.00	66.15 -2.22 0.00	42.55 -1.28 0.00	45.28 -1.30 0.00	41.48 -1.07 0.00	34.42 -0.91 0.00	29.73 -0.76 0.00
LEDERLE____ 23769	30.18 1.63 0.00	30.04 1.51 0.00	27.46 1.19 0.00	26.85 1.06 0.00	27.29 1.05 0.00	27.15 1.06 0.00	23.55 1.25 0.00	25.62 1.55 0.00	27.47 1.89 3.09	28.92 2.15 5.30	14.84 2.15 18.69	37.50 2.40 -0.63	39.00 2.67 -0.44	39.43 2.88 -0.30	40.86 3.01 -0.35	65.31 4.89 0.00	80.73 6.19 0.00	104.20 7.93 0.00	15.42 5.46 58.41	22.82 3.11 24.12	49.71 3.12 0.00	45.42 2.87 0.00	36.16 2.32 1.49	32.40 1.91 0.00
LIGHTHSE_115KV_TB6 355974	28.80 -0.25 -0.51	28.36 -0.18 0.00	26.00 -0.27 0.00	25.53 -0.26 0.00	26.01 -0.23 0.00	25.84 -0.24 0.00	22.13 -0.17 0.00	23.86 -0.21 0.00	28.80 -0.22 -0.36	34.63 -0.02 -2.58	33.92 0.11 -2.44	37.74 0.06 -3.20	39.46 0.06 -3.51	40.00 0.14 -3.61	41.50 0.05 -3.95	69.85 0.01 -9.42	86.24 -0.01 -11.71	106.71 0.21 -10.23	75.96 0.26 -7.33	48.97 0.23 -4.91	53.03 0.36 -6.09	48.11 0.45 -5.11	38.98 0.29 -3.37	32.77 0.10 -2.18
LINDEN COGEN____ 23786	30.19 1.64 0.00	30.04 1.51 0.00	27.46 1.18 0.00	26.83 1.04 0.00	27.28 1.03 0.00	27.14 1.06 0.00	23.57 1.27 0.00	25.65 1.59 0.00	32.74 1.95 -2.12	37.95 2.24 -3.64	46.45 2.25 -12.83	37.68 2.51 -0.69	39.13 2.83 -0.41	39.63 3.04 -0.33	41.06 3.17 -0.38	65.60 5.17 0.00	80.97 6.42 0.00	104.42 8.15 0.00	121.03 5.65 -47.01	64.08 3.13 -17.11	49.70 3.11 0.00	45.49 2.94 0.00	38.83 2.50 -1.00	32.61 2.12 0.00
LINDHRST_69_KV_BK1 356055	32.76 2.56 -1.65	30.87 2.34 0.00	30.66 1.99 -2.40	30.70 1.85 -3.06	32.41 1.84 -4.33	27.89 1.80 0.00	24.19 1.89 0.00	26.29 2.22 0.00	33.57 2.72 -2.18	38.70 2.95 -3.67	47.23 2.91 -12.94	38.30 3.16 -0.66	40.12 3.76 -0.48	40.58 4.00 -0.33	54.50 4.14 -12.86	66.54 6.12 0.00	92.52 7.95 -10.03	113.64 9.89 -7.48	122.73 6.89 -47.47	65.31 4.24 -17.24	50.96 4.29 -0.09	46.98 4.01 -0.42	39.76 3.42 -1.01	35.28 2.95 -1.85
LIPA_MISC_IPP 23656	32.53 2.32 -1.65	30.67 2.14 0.00	30.51 1.84 -2.40	30.57 1.72 -3.06	32.27 1.69 -4.33	27.73 1.65 0.00	24.05 1.76 0.00	26.15 2.09 0.00	33.41 2.56 -2.18	38.49 2.74 -3.67	46.91 2.59 -12.94	37.90 2.80 -0.62	39.81 3.44 -0.48	40.32 3.74 -0.33	56.57 3.91 -15.16	66.19 5.77 0.00	134.58 7.55 -52.49	125.01 9.13 -19.61	124.92 6.26 -50.29	65.05 3.98 -17.24	50.70 4.03 -0.09	46.58 3.61 -0.42	39.42 3.08 -1.01	35.05 2.72 -1.85
LISF____SOLAR 323691	32.62 2.41 -1.66	30.75 2.22 0.00	30.59 1.92 -2.41	30.64 1.79 -3.06	32.34 1.77 -4.33	27.81 1.72 0.00	24.12 1.82 0.00	26.22 2.16 0.00	33.50 2.66 -2.18	38.58 2.84 -3.67	46.99 2.67 -12.94	37.98 2.88 -0.62	39.90 3.53 -0.49	40.42 3.84 -0.33	56.81 4.03 -15.28	66.39 5.97 0.00	137.31 7.82 -54.94	126.24 9.50 -20.47	125.34 6.53 -50.44	65.23 4.16 -17.24	50.89 4.22 -0.09	46.75 3.77 -0.42	39.56 3.22 -1.01	35.16 2.82 -1.85

LITTLE FALLS___HYD 24013	29.18 0.63 0.00	29.11 0.58 0.00	26.68 0.40 0.00	26.15 0.36 0.00	26.63 0.39 0.00	26.44 0.36 0.00	22.83 0.53 0.00	24.72 0.65 0.00	29.27 0.61 0.00	32.61 0.54 0.00	31.76 0.38 0.00	35.01 0.54 0.00	36.65 0.77 0.00	37.09 0.83 0.00	37.97 0.47 0.00	61.33 0.91 0.00	76.07 1.52 0.00	98.86 2.60 0.00	70.22 1.85 0.00	45.51 1.68 0.00	48.49 1.91 0.00	44.13 1.57 0.00	36.55 1.23 0.00	31.27 0.78 0.00
LITTLRIV_115KV_TB1 356100	28.03 -0.58 -0.06	27.92 -0.62 0.00	25.82 -0.46 0.00	25.39 -0.40 0.00	25.85 -0.40 0.00	25.74 -0.35 0.00	21.77 -0.52 0.00	23.53 -0.54 0.00	28.01 -0.71 -0.04	31.25 -1.14 -0.32	30.66 -1.02 -0.30	33.73 -1.14 -0.39	34.88 -1.43 -0.43	35.24 -1.46 -0.44	36.65 -1.33 -0.48	59.70 -1.87 -1.15	73.55 -2.42 -1.43	95.43 -2.08 -1.25	67.92 -1.35 -0.89	43.89 -0.54 -0.60	46.84 -0.49 -0.74	42.84 -0.33 -0.62	35.42 -0.32 -0.41	30.47 -0.28 -0.27
LI_NEWBRDGE___DRP 323616	32.16 1.95 -1.65	30.32 1.79 0.00	30.16 1.49 -2.40	30.22 1.37 -3.06	31.94 1.36 -4.33	27.43 1.34 0.00	23.77 1.48 0.00	25.85 1.78 0.00	33.03 2.18 -2.18	38.13 2.39 -3.67	46.67 2.36 -12.94	37.77 2.60 -0.69	39.43 3.07 -0.48	39.85 3.27 -0.33	53.55 3.41 -12.64	65.46 5.04 0.00	81.01 6.47 0.00	104.34 8.07 0.00	121.15 5.58 -47.21	64.42 3.35 -17.24	50.03 3.36 -0.09	46.07 3.10 -0.42	38.98 2.65 -1.01	34.62 2.29 -1.85
LOCKPORT_115KV_TB60_63_64 80432	28.60 0.05 0.00	28.33 -0.20 0.00	25.61 -0.66 0.00	24.97 -0.82 0.00	25.33 -0.91 0.00	25.24 -0.85 0.00	21.66 -0.63 0.00	23.17 -0.90 0.00	27.81 -0.86 0.00	31.65 -0.43 0.00	31.46 0.08 0.00	34.75 0.28 0.00	35.98 0.10 0.00	35.75 -0.50 0.00	36.93 -0.57 0.00	59.44 -0.99 0.00	73.72 -0.83 -0.01	92.81 -3.47 -0.01	65.55 -2.83 -0.01	42.17 -1.67 0.00	44.78 -1.81 0.00	40.91 -1.65 0.00	34.05 -1.28 0.00	29.81 -0.67 0.00
LOCKPORT___CC1 323769	28.58 0.03 0.00	28.32 -0.22 0.00	25.60 -0.67 0.00	24.96 -0.82 0.00	25.32 -0.93 0.00	25.23 -0.86 0.00	21.65 -0.64 0.00	23.16 -0.91 0.00	27.79 -0.87 0.00	31.64 -0.43 0.00	31.45 0.07 0.00	34.75 0.27 0.00	35.97 0.08 0.00	35.72 -0.53 0.00	36.89 -0.61 0.00	59.38 -1.04 0.00	73.65 -0.91 -0.01	92.70 -3.57 -0.01	65.45 -2.93 -0.01	42.10 -1.73 0.00	44.74 -1.85 0.00	40.87 -1.69 0.00	34.02 -1.30 0.00	29.77 -0.71 0.00
LOCKPORT___CC2 323770	28.58 0.03 0.00	28.32 -0.22 0.00	25.60 -0.67 0.00	24.96 -0.82 0.00	25.32 -0.93 0.00	25.23 -0.86 0.00	21.65 -0.64 0.00	23.16 -0.91 0.00	27.79 -0.87 0.00	31.64 -0.43 0.00	31.45 0.07 0.00	34.75 0.27 0.00	35.97 0.08 0.00	35.72 -0.53 0.00	36.89 -0.61 0.00	59.38 -1.04 0.00	73.65 -0.91 -0.01	92.70 -3.57 -0.01	65.45 -2.93 -0.01	42.10 -1.73 0.00	44.74 -1.85 0.00	40.87 -1.69 0.00	34.02 -1.30 0.00	29.77 -0.71 0.00
LOCKPORT___CC3 323771	28.58 0.03 0.00	28.32 -0.22 0.00	25.60 -0.67 0.00	24.96 -0.82 0.00	25.32 -0.93 0.00	25.23 -0.86 0.00	21.65 -0.64 0.00	23.16 -0.91 0.00	27.79 -0.87 0.00	31.64 -0.43 0.00	31.45 0.07 0.00	34.75 0.27 0.00	35.97 0.08 0.00	35.72 -0.53 0.00	36.89 -0.61 0.00	59.38 -1.04 0.00	73.65 -0.91 -0.01	92.70 -3.57 -0.01	65.45 -2.93 -0.01	42.10 -1.73 0.00	44.74 -1.85 0.00	40.87 -1.69 0.00	34.02 -1.30 0.00	29.77 -0.71 0.00
LONG_LAKE_PHOENIX 24014	28.91 -0.36 -0.71	28.22 -0.31 0.00	25.87 -0.40 0.00	25.36 -0.43 0.00	25.80 -0.44 0.00	25.66 -0.42 0.00	22.01 -0.29 0.00	23.69 -0.37 0.00	28.78 -0.39 -0.51	35.42 -0.29 -3.62	34.57 -0.23 -3.43	38.79 -0.19 -4.50	40.64 -0.18 -4.94	41.07 -0.25 -5.07	42.76 -0.29 -5.55	73.30 -0.36 -13.24	90.67 -0.34 -16.46	109.96 -0.68 -14.38	78.22 -0.46 -10.31	50.44 -0.29 -6.91	54.85 -0.30 -8.56	49.41 -0.32 -7.17	39.74 -0.32 -4.73	33.20 -0.36 -3.07
LOVETT___3 23632	30.02 1.46 0.00	29.89 1.35 0.00	27.33 1.05 0.00	26.72 0.93 0.00	27.16 0.91 0.00	27.02 0.93 0.00	23.42 1.13 0.00	25.47 1.40 0.00	27.17 1.71 3.21	28.49 1.93 5.52	13.84 1.92 19.46	37.22 2.10 -0.64	38.67 2.34 -0.44	39.08 2.53 -0.30	40.49 2.64 -0.35	64.68 4.26 0.00	79.94 5.40 0.00	103.18 6.92 0.00	13.35 4.77 59.79	22.06 2.69 24.47	49.26 2.68 0.00	45.05 2.49 0.00	35.84 2.02 1.50	32.16 1.68 0.00
LOVETT___4 23642	30.02 1.46 0.00	29.89 1.35 0.00	27.33 1.05 0.00	26.72 0.93 0.00	27.16 0.91 0.00	27.02 0.93 0.00	23.42 1.13 0.00	25.47 1.40 0.00	27.17 1.71 3.21	28.49 1.93 5.52	13.84 1.92 19.46	37.22 2.10 -0.64	38.67 2.34 -0.44	39.08 2.53 -0.30	40.49 2.64 -0.35	64.68 4.26 0.00	79.94 5.40 0.00	103.18 6.92 0.00	13.35 4.77 59.79	22.06 2.69 24.47	49.26 2.68 0.00	45.05 2.49 0.00	35.84 2.02 1.50	32.16 1.68 0.00
LOVETT___5 23593	30.02 1.46 0.00	29.89 1.35 0.00	27.33 1.05 0.00	26.72 0.93 0.00	27.16 0.91 0.00	27.02 0.93 0.00	23.42 1.13 0.00	25.47 1.40 0.00	27.17 1.71 3.21	28.49 1.93 5.52	13.84 1.92 19.46	37.22 2.10 -0.64	38.67 2.34 -0.44	39.08 2.53 -0.30	40.49 2.64 -0.35	64.68 4.26 0.00	79.94 5.40 0.00	103.18 6.92 0.00	13.35 4.77 59.79	22.06 2.69 24.47	49.26 2.68 0.00	45.05 2.49 0.00	35.84 2.02 1.50	32.16 1.68 0.00
LOWER RAQUET___HYD 24057	27.52 -1.09 -0.07	27.42 -1.11 0.00	25.36 -0.91 0.00	24.95 -0.84 0.00	25.40 -0.84 0.00	25.29 -0.79 0.00	21.40 -0.89 0.00	23.15 -0.92 0.00	27.59 -1.12 -0.05	30.98 -1.43 -0.33	30.44 -1.25 -0.32	33.47 -1.42 -0.42	34.67 -1.67 -0.46	35.03 -1.69 -0.47	36.35 -1.66 -0.51	59.09 -2.56 -1.22	72.98 -3.08 -1.52	94.25 -3.35 -1.33	67.03 -2.29 -0.95	43.17 -1.30 -0.64	46.05 -1.32 -0.79	42.12 -1.10 -0.66	34.82 -0.94 -0.44	29.98 -0.79 -0.28
LOWER___HUDSON 24059	29.56 1.01 0.00	29.51 0.98 0.00	27.12 0.84 0.00	26.63 0.84 0.00	27.10 0.86 0.00	26.94 0.86 0.00	23.18 0.89 0.00	25.07 1.01 0.00	30.06 1.04 -0.36	33.74 1.06 -0.61	34.50 0.97 -2.16	34.65 1.05 0.88	36.40 1.13 0.61	37.03 1.20 0.42	38.19 1.17 0.48	62.31 1.89 0.00	76.68 2.13 0.00	99.85 3.59 0.00	80.11 2.68 -9.06	46.72 1.90 -0.99	48.59 2.01 0.00	44.24 1.69 0.00	36.71 1.39 0.00	31.64 1.16 0.00
LOWVILLE_115KV_TB2 356335	28.77 0.07 -0.15	28.76 0.22 0.00	26.46 0.19 0.00	26.06 0.27 0.00	26.59 0.34 0.00	26.46 0.37 0.00	22.66 0.36 0.00	24.51 0.44 0.00	29.29 0.51 -0.11	33.51 0.66 -0.77	32.79 0.68 -0.73	36.12 0.68 -0.96	37.61 0.68 -1.05	38.19 0.85 -1.08	39.46 0.78 -1.18	64.57 1.33 -2.82	79.69 1.64 -3.51	102.47 3.14 -3.06	73.04 2.48 -2.20	47.01 1.71 -1.47	50.36 1.95 -1.82	45.98 1.90 -1.53	37.74 1.41 -1.01	32.14 1.00 -0.65
LUTHERFT_115KV_GLOB_FND_222 355753	30.12 1.57 0.00	30.01 1.47 0.00	27.54 1.27 0.00	27.03 1.25 0.00	27.52 1.27 0.00	27.35 1.26 0.00	23.53 1.24 0.00	25.46 1.39 0.00	30.52 1.52 -0.33	34.31 1.67 -0.56	34.94 1.57 -1.99	35.55 1.76 0.69	37.30 1.90 0.48	37.84 1.92 0.33	39.04 1.92 0.38	63.65 3.23 0.00	78.51 3.96 0.00	102.08 5.81 0.00	80.94 4.31 -8.25	47.73 3.00 -0.90	49.80 3.21 0.00	45.29 2.73 0.00	37.52 2.20 0.00	32.30 1.81 0.00

LUTHERNY_35_KV_BK2 355980	30.15 1.60 0.00	30.01 1.47 0.00	27.56 1.28 0.00	27.05 1.26 0.00	27.52 1.27 0.00	27.36 1.28 0.00	23.57 1.28 0.00	25.49 1.42 0.00	30.54 1.55 -0.33	34.34 1.70 -0.56	34.98 1.62 -1.99	35.59 1.80 0.69	37.37 1.96 0.48	37.91 1.99 0.33	39.08 1.96 0.38	63.77 3.35 0.00	78.66 4.11 0.00	102.19 5.92 0.00	81.02 4.40 -8.25	47.80 3.07 -0.90	49.85 3.27 0.00	45.32 2.76 0.00	37.55 2.23 0.00	32.31 1.83 0.00
LWR___OSWEGATCHIE_HYD 23850	28.02 -0.66 -0.13	27.93 -0.60 0.00	25.76 -0.51 0.00	25.33 -0.46 0.00	25.82 -0.43 0.00	25.70 -0.38 0.00	21.89 -0.40 0.00	23.72 -0.35 0.00	28.34 -0.42 -0.09	32.30 -0.44 -0.66	31.69 -0.31 -0.63	34.87 -0.43 -0.83	36.26 -0.53 -0.90	36.85 -0.33 -0.93	38.08 -0.43 -1.02	62.21 -0.64 -2.42	76.74 -0.81 -3.02	98.78 -0.12 -2.63	70.36 0.10 -1.89	45.31 0.21 -1.27	48.53 0.37 -1.57	44.35 0.48 -1.31	36.46 0.27 -0.87	31.12 0.07 -0.56
LYONS_FALL_HYD 23570	29.01 0.34 -0.11	28.96 0.43 0.00	26.61 0.34 0.00	26.17 0.38 0.00	26.67 0.43 0.00	26.53 0.45 0.00	22.73 0.44 0.00	24.59 0.52 0.00	29.38 0.63 -0.08	33.44 0.80 -0.56	32.77 0.86 -0.53	36.11 0.93 -0.70	37.58 0.93 -0.77	38.09 1.05 -0.79	39.37 1.01 -0.87	64.20 1.72 -2.06	79.23 2.13 -2.56	101.91 3.40 -2.24	72.63 2.66 -1.60	46.68 1.77 -1.08	49.86 1.95 -1.33	45.50 1.83 -1.12	37.45 1.39 -0.73	31.97 1.01 -0.48
MADISON___COUNTY_LFGE 323628	29.57 0.90 -0.12	29.40 0.87 0.00	26.95 0.68 0.00	26.43 0.64 0.00	26.91 0.67 0.00	26.75 0.67 0.00	22.97 0.67 0.00	24.81 0.75 0.00	29.65 0.90 -0.08	33.82 1.15 -0.59	33.20 1.26 -0.56	36.64 1.43 -0.74	38.10 1.41 -0.81	38.51 1.43 -0.83	39.85 1.44 -0.91	65.09 2.51 -2.17	80.35 3.11 -2.69	102.70 4.09 -2.35	73.19 3.13 -1.69	47.02 2.07 -1.13	50.22 2.24 -1.40	45.71 1.98 -1.17	37.63 1.53 -0.77	32.16 1.17 -0.50
MALONE___115KV_TB1 356076	28.50 -0.05 0.00	28.43 -0.11 0.00	26.15 -0.12 0.00	25.75 -0.03 0.00	26.26 0.02 0.00	26.17 0.09 0.00	22.20 -0.09 0.00	24.01 -0.06 0.00	28.60 -0.06 0.00	31.84 -0.24 0.00	31.26 -0.12 0.00	34.33 -0.14 0.00	35.56 -0.32 0.00	35.89 -0.36 0.00	37.14 -0.36 0.00	60.05 -0.37 0.00	74.43 -0.11 0.00	96.34 0.08 0.00	68.46 0.09 0.00	44.00 0.17 0.00	46.79 0.20 0.00	42.74 0.18 0.00	35.48 0.15 0.00	30.60 0.11 0.00
MAPLEWOD_115KV_TB3 80458	29.44 0.89 0.00	29.39 0.86 0.00	27.00 0.72 0.00	26.51 0.72 0.00	26.98 0.74 0.00	26.81 0.72 0.00	23.11 0.81 0.00	24.98 0.91 0.00	30.00 0.98 -0.35	33.70 1.02 -0.60	34.48 0.97 -2.13	34.86 1.06 0.67	36.56 1.14 0.47	37.19 1.27 0.32	38.41 1.29 0.37	62.43 2.01 0.00	76.80 2.26 0.00	99.72 3.45 0.00	79.81 2.57 -8.87	46.55 1.75 -0.97	48.40 1.82 0.00	44.10 1.54 0.00	36.58 1.26 0.00	31.55 1.06 0.00
MAPLE_RIDGE_WT_1 323574	28.29 -0.26 0.00	28.28 -0.25 0.00	26.11 -0.17 0.00	25.68 -0.11 0.00	26.16 -0.09 0.00	26.01 -0.08 0.00	22.18 -0.11 0.00	23.95 -0.12 0.00	28.52 -0.14 0.00	31.88 -0.19 0.00	31.20 -0.17 0.00	34.27 -0.21 0.00	35.64 -0.25 0.00	35.97 -0.28 0.00	37.23 -0.26 0.00	60.00 -0.42 0.00	74.03 -0.52 0.00	95.68 -0.59 0.00	67.96 -0.41 0.00	43.58 -0.25 0.00	46.34 -0.24 0.00	42.34 -0.21 0.00	35.12 -0.21 0.00	30.36 -0.13 0.00
MAPLE_RIDGE_WT_2 323611	28.29 -0.26 0.00	28.28 -0.25 0.00	26.11 -0.17 0.00	25.68 -0.11 0.00	26.16 -0.09 0.00	26.01 -0.08 0.00	22.18 -0.11 0.00	23.95 -0.12 0.00	28.52 -0.14 0.00	31.88 -0.19 0.00	31.20 -0.17 0.00	34.27 -0.21 0.00	35.64 -0.25 0.00	35.97 -0.28 0.00	37.23 -0.26 0.00	60.00 -0.42 0.00	74.03 -0.52 0.00	95.68 -0.59 0.00	67.96 -0.41 0.00	43.58 -0.25 0.00	46.34 -0.24 0.00	42.34 -0.21 0.00	35.12 -0.21 0.00	30.36 -0.13 0.00
MARBLE_RIVER_WT_PWR 323696	28.51 -0.05 0.00	28.48 -0.05 0.00	26.16 -0.11 0.00	25.78 -0.01 0.00	26.31 0.06 0.00	26.23 0.15 0.00	22.28 -0.01 0.00	24.08 0.01 0.00	28.63 -0.04 0.00	31.89 -0.18 0.00	31.27 -0.11 0.00	34.33 -0.14 0.00	35.59 -0.30 0.00	35.90 -0.36 0.00	37.04 -0.46 0.00	60.01 -0.41 0.00	74.23 -0.31 0.00	96.12 -0.15 0.00	68.27 -0.10 0.00	43.85 0.02 0.00	46.62 0.03 0.00	42.52 -0.04 0.00	35.31 -0.02 0.00	30.48 0.00 0.00
MARSHVLE_115KV_TB1 80742	30.64 2.09 0.00	30.52 1.99 0.00	27.99 1.72 0.00	27.46 1.67 0.00	27.94 1.69 0.00	27.79 1.71 0.00	23.72 1.43 0.00	25.59 1.52 0.00	30.57 1.90 0.00	34.21 2.13 0.00	33.56 2.19 0.00	36.50 2.42 0.40	38.10 2.50 0.28	38.45 2.39 0.19	39.47 2.20 0.22	64.34 3.92 0.00	80.24 5.69 0.00	103.21 6.94 0.00	78.78 4.97 -5.45	47.99 3.56 -0.60	50.55 3.96 0.00	46.21 3.65 0.00	38.29 2.97 0.00	32.90 2.42 0.00
MARSH_HILL_WT_PWR 323713	29.63 1.00 -0.08	29.35 0.81 0.00	26.61 0.34 0.00	26.00 0.21 0.00	26.44 0.19 0.00	26.33 0.24 0.00	22.69 0.39 0.00	24.40 0.33 0.00	29.27 0.55 -0.06	33.59 1.10 -0.42	33.03 1.26 -0.39	36.58 1.59 -0.52	38.06 1.61 -0.57	38.10 1.27 -0.58	39.45 1.31 -0.64	64.13 2.19 -1.52	79.56 3.13 -1.89	100.14 2.22 -1.65	70.94 1.38 -1.19	45.59 0.97 -0.80	48.76 1.20 -0.98	44.30 0.92 -0.82	36.76 0.89 -0.54	31.66 0.82 -0.35
MCINTYRE_115KV_TB2 80467	28.32 -0.23 0.00	28.24 -0.29 0.00	26.14 -0.13 0.00	25.70 -0.09 0.00	26.15 -0.09 0.00	26.04 -0.04 0.00	22.01 -0.28 0.00	23.77 -0.30 0.00	28.20 -0.46 0.00	31.08 -1.00 0.00	30.46 -0.92 0.00	33.47 -1.01 0.00	34.54 -1.35 0.00	34.86 -1.39 0.00	36.31 -1.19 0.00	58.78 -1.64 0.00	72.35 -2.20 0.00	94.66 -1.60 0.00	67.39 -0.98 0.00	43.66 -0.17 0.00	46.52 -0.06 0.00	42.62 0.06 0.00	35.33 0.01 0.00	30.51 0.03 0.00
MECO_____69_KV_BK1 80468	32.19 3.64 0.00	31.96 3.43 0.00	29.21 2.94 0.00	28.62 2.84 0.00	29.12 2.88 0.00	28.97 2.89 0.00	24.74 2.44 0.00	26.70 2.63 0.00	31.71 3.05 0.00	34.79 2.72 0.00	33.91 2.54 0.43	36.54 2.50 0.30	38.77 3.19 0.21	38.87 2.83 0.24	38.15 0.89 0.24	64.02 3.60 0.00	84.28 9.74 0.00	106.06 9.80 0.00	81.32 6.87 -6.08	51.27 6.78 -0.66	54.15 7.57 0.00	49.32 6.76 0.00	40.73 5.41 0.00	34.90 4.42 0.00
MENANDS___115KV_TB5 355628	29.22 0.66 0.00	29.18 0.65 0.00	26.81 0.53 0.00	26.33 0.54 0.00	26.80 0.56 0.00	26.63 0.54 0.00	22.96 0.67 0.00	24.83 0.76 0.00	29.80 0.78 -0.35	33.46 0.77 -0.61	34.24 0.72 -2.14	34.57 0.76 0.67	36.24 0.82 0.47	36.87 0.94 0.32	38.08 0.95 0.37	61.89 1.47 0.00	76.11 1.56 0.00	98.86 2.60 0.00	79.20 1.93 -8.90	46.12 1.32 -0.97	47.93 1.35 0.00	43.68 1.13 0.00	36.26 0.93 0.00	31.28 0.80 0.00
MG INDUSTRY___DRP 24185	29.25 0.70 0.00	29.22 0.68 0.00	26.83 0.56 0.00	26.36 0.57 0.00	26.85 0.60 0.00	26.64 0.55 0.00	22.91 0.62 0.00	24.74 0.67 0.00	29.64 0.66 -0.31	33.21 0.60 -0.54	33.78 0.51 -1.89	34.49 0.39 0.37	36.08 0.46 0.26	36.66 0.59 0.18	38.02 0.72 0.21	61.60 1.18 0.00	75.61 1.07 0.00	98.01 1.74 0.00	77.24 1.41 -7.46	45.69 1.04 -0.81	47.75 1.17 0.00	43.54 0.99 0.00	36.18 0.85 0.00	31.28 0.79 0.00

MID___OSWEGATCHIE_HYD 23849	28.02 -0.66 -0.13	27.93 -0.60 0.00	25.76 -0.51 0.00	25.33 -0.46 0.00	25.82 -0.43 0.00	25.70 -0.38 0.00	21.89 -0.40 0.00	23.72 -0.35 0.00	28.34 -0.42 -0.09	32.30 -0.44 -0.66	31.69 -0.31 -0.63	34.87 -0.43 -0.83	36.26 -0.53 -0.90	36.85 -0.33 -0.93	38.08 -0.43 -1.02	62.21 -0.64 -2.42	76.74 -0.81 -3.02	98.78 -0.12 -2.63	70.36 0.10 -1.89	45.31 0.21 -1.27	48.53 0.37 -1.57	44.35 0.48 -1.31	36.46 0.27 -0.87	31.12 0.07 -0.56
MID___RAQUETTE_HYD 23851	27.52 -1.09 -0.07	27.42 -1.11 0.00	25.36 -0.91 0.00	24.95 -0.84 0.00	25.41 -0.84 0.00	25.29 -0.79 0.00	21.40 -0.89 0.00	23.15 -0.92 0.00	27.59 -1.12 -0.05	30.98 -1.43 -0.33	30.44 -1.25 -0.32	33.47 -1.42 -0.42	34.67 -1.67 -0.46	35.03 -1.69 -0.47	36.35 -1.66 -0.51	59.09 -2.56 -1.22	72.99 -3.08 -1.52	94.25 -3.35 -1.33	67.04 -2.29 -0.95	43.17 -1.30 -0.64	46.05 -1.32 -0.79	42.12 -1.10 -0.66	34.82 -0.94 -0.44	29.98 -0.79 -0.28
MILLIKEN___1 23584	29.58 0.79 -0.24	29.29 0.76 0.00	26.77 0.49 0.00	26.22 0.44 0.00	26.70 0.45 0.00	26.55 0.46 0.00	22.82 0.53 0.00	24.63 0.55 0.00	29.60 0.76 -0.17	34.37 1.06 -1.23	33.67 1.13 -1.16	37.29 1.29 -1.53	38.87 1.31 -1.68	39.26 1.29 -1.72	40.75 1.37 -1.89	67.23 2.31 -4.50	83.06 2.93 -5.59	104.36 3.21 -4.88	74.26 2.39 -3.50	47.80 1.63 -2.35	51.33 1.84 -2.91	46.52 1.53 -2.44	38.11 1.18 -1.61	32.43 0.90 -1.04
MILLIKEN___2 23585	29.58 0.79 -0.24	29.29 0.76 0.00	26.77 0.49 0.00	26.22 0.44 0.00	26.70 0.45 0.00	26.55 0.46 0.00	22.82 0.53 0.00	24.63 0.55 0.00	29.60 0.76 -0.17	34.37 1.06 -1.23	33.67 1.13 -1.16	37.29 1.29 -1.53	38.87 1.31 -1.68	39.26 1.29 -1.72	40.75 1.37 -1.89	67.23 2.31 -4.50	83.06 2.93 -5.59	104.36 3.21 -4.88	74.26 2.39 -3.50	47.80 1.63 -2.35	51.33 1.84 -2.91	46.52 1.53 -2.44	38.11 1.18 -1.61	32.43 0.90 -1.04
MILLIKEN___DIESEL 23629	29.58 0.79 -0.24	29.29 0.76 0.00	26.77 0.49 0.00	26.22 0.44 0.00	26.70 0.45 0.00	26.55 0.46 0.00	22.82 0.53 0.00	24.63 0.55 0.00	29.60 0.76 -0.17	34.37 1.06 -1.23	33.67 1.13 -1.16	37.29 1.29 -1.53	38.87 1.31 -1.68	39.26 1.29 -1.72	40.75 1.37 -1.89	67.23 2.31 -4.50	83.06 2.93 -5.59	104.36 3.21 -4.88	74.26 2.39 -3.50	47.80 1.63 -2.35	51.33 1.84 -2.91	46.52 1.53 -2.44	38.11 1.18 -1.61	32.43 0.90 -1.04
MILLSEAT___LFGE 323607	29.18 0.63 0.00	28.90 0.37 0.00	26.14 -0.13 0.00	25.49 -0.30 0.00	25.86 -0.39 0.00	25.78 -0.31 0.00	22.14 -0.16 0.00	23.73 -0.34 0.00	28.48 -0.18 0.00	32.43 0.35 0.00	32.13 0.75 0.00	35.46 0.98 0.00	36.75 0.87 0.00	36.61 0.36 0.00	37.88 0.39 0.00	61.10 0.68 0.00	76.01 1.46 -0.01	96.11 -0.16 -0.01	67.94 -0.44 -0.01	43.62 -0.22 0.00	46.28 -0.30 0.00	42.24 -0.32 0.00	35.09 -0.24 0.00	30.57 0.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.10 1.55 0.00	29.96 1.43 0.00	27.40 1.13 0.00	26.80 1.02 0.00	27.24 1.00 0.00	27.10 1.02 0.00	23.50 1.21 0.00	25.56 1.49 0.00	32.85 1.82 -2.36	38.18 2.05 -4.06	47.75 2.06 -14.31	37.46 2.30 -0.69	38.95 2.58 -0.48	39.35 2.77 -0.33	40.77 2.90 -0.38	65.07 4.65 0.00	80.40 5.85 0.00	103.76 7.50 0.00	149.06 5.22 -75.47	122.70 2.97 -75.90	49.57 2.99 0.00	45.31 2.75 0.00	43.27 2.27 -5.67	32.37 1.88 0.00
MILLWOOD_13_KV_LOAD 356217	30.20 1.64 0.00	30.05 1.52 0.00	27.48 1.21 0.00	26.88 1.10 0.00	27.32 1.08 0.00	27.18 1.10 0.00	23.57 1.27 0.00	25.64 1.58 0.00	32.96 1.93 -2.36	38.31 2.18 -4.06	47.88 2.20 -14.31	37.61 2.45 -0.69	39.12 2.76 -0.48	39.53 2.95 -0.33	40.97 3.09 -0.38	65.39 4.97 0.00	80.81 6.26 0.00	104.31 8.04 0.00	149.43 5.59 -75.47	122.92 3.19 -75.90	49.80 3.21 0.00	45.49 2.93 0.00	43.42 2.42 -5.67	32.50 2.01 0.00
MODEL_CITY_ENERGY 24167	28.26 -0.29 0.00	28.00 -0.54 0.00	25.32 -0.96 0.00	24.69 -1.10 0.00	25.04 -1.20 0.00	24.96 -1.13 0.00	21.41 -0.89 0.00	22.88 -1.19 0.00	27.46 -1.21 0.00	31.23 -0.84 0.00	31.06 -0.31 0.00	34.30 -0.17 0.00	35.50 -0.39 0.00	35.25 -1.00 0.00	36.38 -1.11 0.00	58.55 -1.87 0.00	72.56 -1.99 -0.01	91.33 -4.95 -0.01	64.49 -3.89 -0.01	41.53 -2.30 0.00	44.14 -2.45 0.00	40.34 -2.22 0.00	33.58 -1.74 0.00	29.45 -1.03 0.00
MODERN_LFGE___ 323580	28.26 -0.29 0.00	28.00 -0.54 0.00	25.32 -0.96 0.00	24.69 -1.10 0.00	25.04 -1.20 0.00	24.96 -1.13 0.00	21.41 -0.89 0.00	22.88 -1.19 0.00	27.46 -1.21 0.00	31.23 -0.84 0.00	31.06 -0.31 0.00	34.30 -0.17 0.00	35.50 -0.39 0.00	35.25 -1.00 0.00	36.38 -1.11 0.00	58.55 -1.87 0.00	72.56 -1.99 -0.01	91.33 -4.95 -0.01	64.49 -3.89 -0.01	41.53 -2.30 0.00	44.14 -2.45 0.00	40.34 -2.22 0.00	33.58 -1.74 0.00	29.45 -1.03 0.00
MOHAWK_PAPER___DRP 24187	29.44 0.89 0.00	29.39 0.86 0.00	27.00 0.72 0.00	26.51 0.72 0.00	26.98 0.74 0.00	26.81 0.72 0.00	23.11 0.81 0.00	24.98 0.91 0.00	30.00 0.98 -0.35	33.70 1.02 -0.60	34.48 0.97 -2.13	34.86 1.06 0.67	36.56 1.14 0.47	37.19 1.27 0.32	38.41 1.29 0.37	62.43 2.01 0.00	76.80 2.26 0.00	99.72 3.45 0.00	79.81 2.57 -8.87	46.55 1.75 -0.97	48.40 1.82 0.00	44.10 1.54 0.00	36.58 1.26 0.00	31.55 1.06 0.00
MOHICAN___35_KV_115KV_LD 80490	30.53 1.98 0.00	30.35 1.81 0.00	27.81 1.54 0.00	27.32 1.53 0.00	27.80 1.55 0.00	27.65 1.56 0.00	23.79 1.50 0.00	25.78 1.71 0.00	30.78 1.78 -0.33	34.66 2.02 -0.56	35.13 1.77 -1.98	35.85 2.05 0.67	37.63 2.22 0.47	38.10 2.17 0.32	39.24 2.12 0.37	64.18 3.76 0.00	79.25 4.70 0.00	103.44 7.18 0.00	81.98 5.40 -8.21	48.58 3.85 -0.90	50.77 4.19 0.00	46.07 3.52 0.00	38.16 2.83 0.00	32.81 2.32 0.00
MONGAUP___HYD 23641	30.36 1.81 0.00	30.18 1.65 0.00	27.60 1.32 0.00	26.99 1.20 0.00	27.43 1.19 0.00	27.28 1.20 0.00	23.58 1.29 0.00	25.56 1.49 0.00	28.64 1.85 1.87	30.90 2.04 3.21	21.94 1.90 11.34	37.14 2.11 -0.55	38.55 2.28 -0.39	39.00 2.48 -0.26	40.36 2.55 -0.31	64.50 4.08 0.00	79.76 5.22 0.00	103.16 6.89 0.00	30.98 4.85 42.24	30.71 3.02 16.14	50.02 3.44 0.00	45.73 3.18 0.00	36.89 2.53 0.97	32.53 2.04 0.00
MONTAUK___DIESEL 23721	32.55 2.35 -1.65	30.76 2.23 0.00	30.75 2.07 -2.40	30.82 1.97 -3.06	32.42 1.85 -4.33	27.89 1.81 0.00	24.19 1.89 0.00	26.47 2.41 0.00	33.67 2.83 -2.18	38.57 2.82 -3.67	47.08 2.76 -12.94	38.20 3.10 -0.62	40.43 4.06 -0.48	40.93 4.35 -0.33	56.87 4.17 -15.21	66.57 6.15 0.00	136.41 8.47 -53.40	126.66 10.46 -19.93	125.39 6.67 -50.35	65.10 4.03 -17.24	51.39 4.72 -0.09	46.88 3.90 -0.42	39.71 3.37 -1.01	35.64 3.31 -1.85
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.75 1.20 0.00	29.50 0.97 0.00	26.64 0.36 0.00	25.89 0.10 0.00	26.28 0.04 0.00	26.20 0.11 0.00	22.54 0.25 0.00	24.32 0.25 0.00	29.17 0.51 0.00	33.36 1.29 0.00	32.98 1.61 0.00	36.69 2.21 0.00	38.26 2.37 0.00	38.24 1.99 0.00	39.45 1.96 0.00	63.68 3.26 0.00	78.77 4.22 -0.01	98.85 2.58 -0.01	69.75 1.38 -0.01	44.75 0.92 0.00	47.50 0.92 0.00	43.27 0.71 0.00	35.90 0.57 0.00	31.07 0.58 0.00

MORTIMER_115KV_TB3 55949	28.92 0.36 0.00	28.74 0.21 0.00	26.13 -0.14 0.00	25.52 -0.26 0.00	25.92 -0.32 0.00	25.81 -0.28 0.00	22.14 -0.16 0.00	23.81 -0.26 0.00	28.54 -0.12 0.00	32.34 0.27 0.00	31.98 0.60 0.00	35.30 0.83 0.00	36.66 0.77 0.00	36.72 0.47 0.00	38.02 0.52 0.00	61.34 0.92 0.00	75.98 1.44 0.00	96.63 0.36 0.00	68.34 -0.03 0.00	43.77 -0.06 0.00	46.44 -0.14 0.00	42.35 -0.20 0.00	35.17 -0.15 0.00	30.45 -0.04 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.34 1.79 0.00	30.19 1.65 0.00	27.59 1.32 0.00	26.97 1.19 0.00	27.42 1.18 0.00	27.29 1.20 0.00	23.68 1.39 0.00	25.78 1.72 0.00	32.88 2.10 -2.12	38.09 2.38 -3.63	46.59 2.40 -12.82	37.85 2.68 -0.69	39.39 3.02 -0.48	39.79 3.21 -0.33	41.23 3.35 -0.38	65.83 5.41 0.00	81.29 6.75 0.00	104.84 8.57 0.00	121.31 5.94 -47.00	64.30 3.36 -17.11	49.95 3.36 0.00	45.67 3.12 0.00	38.95 2.62 -1.00	32.69 2.20 0.00
MUNSVILLE_WIND_PWR 323609	31.25 2.55 -0.15	30.96 2.42 0.00	28.22 1.95 0.00	27.65 1.87 0.00	28.15 1.90 0.00	28.04 1.95 0.00	24.16 1.86 0.00	26.16 2.09 0.00	31.30 2.52 -0.11	35.97 3.12 -0.78	35.25 3.14 -0.73	38.86 3.41 -0.97	40.52 3.57 -1.06	40.96 3.63 -1.09	42.55 3.86 -1.19	69.56 6.30 -2.84	86.11 8.04 -3.53	109.11 9.76 -3.09	77.93 7.35 -2.21	50.21 4.90 -1.48	53.72 5.30 -1.84	48.77 4.68 -1.54	40.03 3.69 -1.01	34.03 2.89 -0.66
N SALMON___HYD 24042	28.50 -0.05 0.00	28.43 -0.10 0.00	26.15 -0.12 0.00	25.75 -0.03 0.00	26.26 0.02 0.00	26.17 0.09 0.00	22.20 -0.09 0.00	24.01 -0.06 0.00	28.60 -0.06 0.00	31.84 -0.23 0.00	31.26 -0.12 0.00	34.33 -0.14 0.00	35.56 -0.32 0.00	35.89 -0.36 0.00	37.14 -0.36 0.00	60.05 -0.37 0.00	74.43 -0.11 0.00	96.34 0.08 0.00	68.46 0.09 0.00	44.00 0.17 0.00	46.79 0.21 0.00	42.74 0.18 0.00	35.48 0.15 0.00	30.60 0.11 0.00
N.AKRON__115KV_KNAPP 355671	29.08 0.52 0.00	28.79 0.26 0.00	26.04 -0.24 0.00	25.38 -0.41 0.00	25.75 -0.50 0.00	25.66 -0.42 0.00	22.04 -0.26 0.00	23.61 -0.46 0.00	28.35 -0.32 0.00	32.27 0.19 0.00	32.02 0.64 0.00	35.35 0.88 0.00	36.62 0.73 0.00	36.44 0.19 0.00	37.68 0.18 0.00	60.72 0.30 0.00	75.48 0.93 -0.01	95.30 -0.97 -0.01	67.38 -1.01 -0.01	43.26 -0.57 0.00	45.89 -0.69 0.00	41.90 -0.65 0.00	34.82 -0.50 0.00	30.40 -0.08 0.00
N.BELMOR_69_KV_BK1 55787	32.49 2.28 -1.65	30.61 2.08 0.00	30.41 1.73 -2.40	30.45 1.61 -3.06	32.17 1.60 -4.33	27.66 1.57 0.00	23.97 1.68 0.00	26.09 2.02 0.00	33.32 2.47 -2.18	38.50 2.76 -3.67	47.07 2.75 -12.94	38.21 3.04 -0.69	39.92 3.55 -0.48	40.27 3.69 -0.33	53.97 3.83 -12.64	66.08 5.66 0.00	94.82 7.32 -12.96	118.37 9.14 -12.96	121.90 6.32 -47.21	64.88 3.81 -17.24	50.52 3.85 -0.09	46.66 3.69 -0.42	39.48 3.15 -1.01	35.02 2.69 -1.85
N.E_GEN_SANDY PD 24062	29.53 0.98 0.00	29.47 0.94 0.00	31.25 0.77 -4.21	26.53 0.74 0.00	26.99 0.74 0.00	27.07 0.76 -0.22	23.83 0.88 -0.66	25.12 1.05 0.00	30.37 1.12 -0.58	34.24 1.12 -1.04	36.34 1.06 -3.91	30.56 1.14 5.06	33.32 1.26 3.82	35.23 1.39 2.41	36.07 1.38 2.80	62.63 2.20 0.00	77.07 2.53 0.00	175.17 4.12 -74.78	91.76 3.03 -20.36	53.96 1.89 -8.24	48.50 1.92 0.00	44.21 1.66 0.00	37.03 1.37 -0.34	31.42 1.14 0.20
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.09 1.54 0.00	29.95 1.41 0.00	27.38 1.11 0.00	26.77 0.98 0.00	27.21 0.96 0.00	27.07 0.98 0.00	23.46 1.17 0.00	25.53 1.46 0.00	27.30 1.79 3.15	28.69 2.02 5.41	14.32 2.02 19.07	37.34 2.23 -0.63	38.82 2.50 -0.44	39.25 2.70 -0.30	40.67 2.82 -0.35	65.00 4.58 0.00	80.35 5.80 0.00	103.72 7.45 0.00	14.40 5.12 59.09	22.44 2.91 24.29	49.49 2.90 0.00	45.22 2.67 0.00	36.00 2.17 1.50	32.27 1.79 0.00
N.QUEENS_27_KV_LOAD 356247	30.41 1.86 0.00	30.29 1.76 0.00	27.67 1.40 0.00	27.00 1.21 0.00	27.43 1.18 0.00	27.31 1.23 0.00	23.79 1.50 0.00	25.83 1.76 0.00	32.92 2.14 -2.12	38.10 2.39 -3.64	46.60 2.40 -12.82	37.81 2.64 -0.69	39.40 3.03 -0.48	39.76 3.18 -0.33	41.23 3.35 -0.38	65.88 5.46 0.00	81.28 6.74 0.00	104.91 8.64 0.00	121.34 5.97 -47.00	64.36 3.42 -17.11	49.99 3.41 0.00	45.69 3.14 0.00	38.99 2.66 -1.00	32.68 2.20 0.00
N.TROY___115KV_TB1 355778	29.56 1.01 0.00	29.51 0.98 0.00	27.12 0.84 0.00	26.63 0.84 0.00	27.11 0.86 0.00	26.94 0.86 0.00	23.19 0.89 0.00	25.07 1.01 0.00	30.06 1.04 -0.36	33.75 1.06 -0.61	34.50 0.97 -2.16	34.65 1.05 0.88	36.41 1.13 0.61	37.03 1.20 0.42	38.19 1.17 0.48	62.31 1.89 0.00	76.68 2.14 0.00	99.85 3.59 0.00	80.11 2.68 -9.06	46.72 1.90 -0.99	48.59 2.01 0.00	44.24 1.69 0.00	36.71 1.39 0.00	31.64 1.16 0.00
NARROWS_GT1_1 24228	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NARROWS_GT1_2 24229	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NARROWS_GT1_3 24230	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NARROWS_GT1_4 24231	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NARROWS_GT1_5 24232	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36

NARROWS_GT1_6 24233	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NARROWS_GT1_7 24234	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NARROWS_GT1_8 24235	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NARROWS_GT2_1 24236	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NARROWS_GT2_2 24237	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NARROWS_GT2_3 24238	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NARROWS_GT2_4 24239	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NARROWS_GT2_5 24240	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NARROWS_GT2_6 24241	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NARROWS_GT2_7 24242	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NARROWS_GT2_8 24243	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.93 2.76 -0.69	39.52 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.02 0.00	121.56 6.18 -47.00	64.43 3.49 -17.11	50.09 3.51 0.00	45.86 3.30 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.00 1.45 0.00	29.92 1.39 0.00	27.46 1.18 0.00	26.97 1.19 0.00	27.46 1.22 0.00	27.26 1.18 0.00	23.46 1.16 0.00	25.36 1.29 0.00	30.07 1.40 0.00	33.46 1.39 0.00	32.62 1.24 0.00	35.40 1.17 0.25	36.98 1.27 0.17	37.54 1.41 0.12	39.18 1.82 0.14	63.73 3.31 0.00	77.80 3.26 0.00	100.50 4.23 0.00	76.95 3.42 -5.16	46.92 2.52 -0.56	49.35 2.76 0.00	44.92 2.37 0.00	37.24 1.92 0.00	32.15 1.66 0.00
NCHELSEA_115KV_TR2 355582	30.29 1.74 0.00	30.14 1.60 0.00	27.56 1.29 0.00	26.97 1.18 0.00	27.42 1.17 0.00	27.26 1.18 0.00	23.62 1.33 0.00	25.69 1.62 0.00	30.64 1.97 0.00	34.35 2.27 0.00	33.67 2.29 0.00	37.60 2.59 -0.54	39.14 2.88 -0.37	39.60 3.09 -0.26	41.05 3.26 -0.30	65.73 5.31 0.00	81.21 6.67 0.00	104.91 8.64 0.00	81.51 6.02 -7.12	48.12 3.51 -0.78	50.12 3.54 0.00	45.75 3.20 0.00	37.92 2.59 0.00	32.60 2.12 0.00
NEG CAPITAL___MECHNVIL 23645	30.12 1.57 0.00	30.00 1.46 0.00	27.52 1.24 0.00	27.01 1.22 0.00	27.49 1.25 0.00	27.33 1.25 0.00	23.51 1.22 0.00	25.46 1.39 0.00	30.55 1.54 -0.34	34.35 1.69 -0.58	35.03 1.61 -2.04	35.52 1.80 0.75	37.31 1.95 0.53	37.88 1.98 0.36	39.07 1.99 0.42	63.75 3.33 0.00	78.64 4.10 0.00	102.26 5.99 0.00	81.31 4.42 -8.51	47.82 3.06 -0.93	49.83 3.25 0.00	45.31 2.75 0.00	37.54 2.22 0.00	32.30 1.82 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.39 -0.16 0.00	28.24 -0.30 0.00	25.71 -0.56 0.00	25.13 -0.65 0.00	25.54 -0.71 0.00	25.42 -0.66 0.00	21.81 -0.48 0.00	23.48 -0.59 0.00	28.15 -0.51 0.00	31.85 -0.22 0.00	31.46 0.08 0.00	34.73 0.25 0.00	36.11 0.22 0.00	36.21 -0.04 0.00	37.51 0.02 0.00	60.56 0.14 0.00	74.96 0.42 0.00	95.63 -0.63 0.00	67.70 -0.67 0.00	43.32 -0.51 0.00	45.97 -0.62 0.00	41.88 -0.67 0.00	34.73 -0.60 0.00	30.01 -0.47 0.00



NEG CENTRAL___DRP 24199	29.26 0.46 -0.25	28.93 0.40 0.00	26.41 0.14 0.00	25.84 0.06 0.00	26.30 0.05 0.00	26.16 0.08 0.00	22.50 0.21 0.00	24.26 0.19 0.00	29.18 0.34 -0.18	34.00 0.67 -1.26	33.39 0.83 -1.19	37.05 1.01 -1.56	38.60 1.00 -1.71	38.86 0.85 -1.76	40.34 0.92 -1.92	66.67 1.67 -4.58	82.45 2.20 -5.70	103.17 1.92 -4.98	73.50 1.56 -3.57	47.23 1.01 -2.39	50.61 1.06 -2.96	45.83 0.79 -2.48	37.51 0.55 -1.64	31.95 0.41 -1.06
NEG CENTRAL___INDECK 23768	30.11 1.56 0.00	29.87 1.33 0.00	27.10 0.83 0.00	26.45 0.66 0.00	26.86 0.62 0.00	26.77 0.69 0.00	23.04 0.74 0.00	24.86 0.79 0.00	29.77 1.11 0.00	33.59 1.51 0.00	32.70 1.33 0.00	36.04 1.56 0.00	36.77 0.89 0.00	36.80 0.55 0.00	38.21 0.71 0.00	61.50 1.08 0.00	76.37 1.83 0.00	97.55 1.28 0.00	69.42 1.06 0.00	44.73 0.90 0.00	47.50 0.91 0.00	43.33 0.77 0.00	36.73 1.41 0.00	31.88 1.39 0.00
NEG CENTRAL___SENECA 23627	29.37 0.69 -0.13	29.14 0.60 0.00	26.54 0.27 0.00	25.95 0.17 0.00	26.41 0.17 0.00	26.28 0.20 0.00	22.63 0.33 0.00	24.40 0.33 0.00	29.26 0.50 -0.09	33.65 0.91 -0.66	33.09 1.09 -0.63	36.61 1.31 -0.83	38.08 1.29 -0.90	38.24 1.06 -0.93	39.69 1.17 -1.02	65.00 2.15 -2.43	80.37 2.81 -3.02	101.30 2.40 -2.64	72.25 1.99 -1.89	46.40 1.31 -1.27	49.50 1.35 -1.57	44.90 1.03 -1.31	36.95 0.76 -0.87	31.63 0.58 -0.56
NEG CENTRAL___STATE_STREET 24147	29.24 0.36 -0.33	28.89 0.36 0.00	26.43 0.15 0.00	25.88 0.09 0.00	26.34 0.09 0.00	26.19 0.11 0.00	22.49 0.20 0.00	24.24 0.17 0.00	29.29 0.40 -0.23	34.43 0.69 -1.67	33.79 0.83 -1.58	37.50 0.95 -2.08	39.10 0.93 -2.28	39.49 0.90 -2.34	41.00 0.94 -2.56	68.11 1.58 -6.11	84.15 2.02 -7.59	105.06 2.16 -6.63	74.61 1.48 -4.75	47.97 0.96 -3.19	51.72 1.18 -3.95	46.67 0.80 -3.31	38.08 0.57 -2.18	32.39 0.49 -1.42
NEG MILLWOOD___DRP 24198	30.39 1.84 0.00	30.23 1.70 0.00	27.64 1.36 0.00	27.04 1.25 0.00	27.48 1.24 0.00	27.34 1.26 0.00	23.69 1.40 0.00	25.79 1.72 0.00	31.47 2.11 -0.69	35.70 2.43 -1.19	38.03 2.46 -4.20	37.86 2.78 -0.60	39.42 3.12 -0.42	39.88 3.35 -0.29	41.34 3.51 -0.33	66.14 5.72 0.00	81.74 7.19 0.00	105.56 9.29 0.00	97.41 6.48 -22.56	54.32 3.76 -6.73	50.37 3.78 0.00	45.94 3.39 0.00	38.45 2.76 -0.36	32.75 2.26 0.00
NEG NORTH_FLCN_SEA 23793	28.92 0.37 0.00	28.88 0.35 0.00	26.48 0.21 0.00	26.09 0.30 0.00	26.61 0.36 0.00	26.53 0.45 0.00	22.59 0.30 0.00	24.42 0.35 0.00	28.99 0.32 0.00	32.28 0.21 0.00	31.67 0.30 0.00	34.81 0.33 0.00	36.09 0.21 0.00	36.42 0.17 0.00	37.54 0.04 0.00	60.92 0.49 0.00	75.32 0.78 0.00	97.62 1.35 0.00	69.36 0.99 0.00	44.55 0.72 0.00	47.38 0.79 0.00	43.17 0.61 0.00	35.82 0.50 0.00	30.90 0.41 0.00
NEG NORTH_KES_CHATEGAY 23792	28.49 -0.06 0.00	28.46 -0.08 0.00	26.14 -0.13 0.00	25.76 -0.03 0.00	26.28 0.03 0.00	26.20 0.11 0.00	22.23 -0.07 0.00	24.00 -0.06 0.00	28.55 -0.12 0.00	31.80 -0.27 0.00	31.17 -0.21 0.00	34.17 -0.30 0.00	35.41 -0.48 0.00	35.71 -0.54 0.00	36.87 -0.62 0.00	59.77 -0.65 0.00	74.05 -0.49 0.00	95.83 -0.44 0.00	68.09 -0.28 0.00	43.76 -0.07 0.00	46.54 -0.05 0.00	42.49 -0.07 0.00	35.28 -0.05 0.00	30.47 -0.02 0.00
NEG NORTH___ALICE_FALLS 23915	28.95 0.40 0.00	28.90 0.37 0.00	26.50 0.22 0.00	26.09 0.30 0.00	26.63 0.38 0.00	26.55 0.47 0.00	22.59 0.30 0.00	24.43 0.36 0.00	29.02 0.35 0.00	32.31 0.23 0.00	31.74 0.37 0.00	34.85 0.37 0.00	36.18 0.30 0.00	36.54 0.29 0.00	37.62 0.12 0.00	61.06 0.65 0.00	75.51 0.96 0.00	97.96 1.70 0.00	69.65 1.28 0.00	44.77 0.94 0.00	47.58 1.00 0.00	43.39 0.83 0.00	35.99 0.67 0.00	31.03 0.55 0.00
NEG NORTH___LWR_SARANAC 23913	28.95 0.40 0.00	28.90 0.37 0.00	26.50 0.22 0.00	26.09 0.30 0.00	26.63 0.38 0.00	26.55 0.47 0.00	22.59 0.30 0.00	24.43 0.36 0.00	29.02 0.35 0.00	32.31 0.23 0.00	31.74 0.37 0.00	34.85 0.37 0.00	36.18 0.30 0.00	36.54 0.29 0.00	37.62 0.12 0.00	61.06 0.65 0.00	75.51 0.96 0.00	97.96 1.70 0.00	69.65 1.28 0.00	44.77 0.94 0.00	47.58 1.00 0.00	43.39 0.83 0.00	35.99 0.67 0.00	31.03 0.55 0.00
NEG NORTH___PLATTSBURG 23628	28.95 0.40 0.00	28.90 0.37 0.00	26.50 0.22 0.00	26.09 0.31 0.00	26.63 0.38 0.00	26.55 0.47 0.00	22.59 0.30 0.00	24.43 0.36 0.00	29.02 0.35 0.00	32.31 0.23 0.00	31.74 0.37 0.00	34.85 0.37 0.00	36.18 0.30 0.00	36.54 0.29 0.00	37.61 0.12 0.00	61.07 0.64 0.00	75.51 0.96 0.00	97.96 1.70 0.00	69.65 1.28 0.00	44.77 0.94 0.00	47.58 1.00 0.00	43.39 0.83 0.00	35.99 0.67 0.00	31.03 0.54 0.00
NEG WEST_LEA_LOCKPORT 23791	28.58 0.03 0.00	28.32 -0.22 0.00	25.60 -0.67 0.00	24.96 -0.82 0.00	25.32 -0.93 0.00	25.23 -0.85 0.00	21.65 -0.64 0.00	23.16 -0.91 0.00	27.79 -0.88 0.00	31.64 -0.44 0.00	31.44 0.07 0.00	34.74 0.26 0.00	35.95 0.07 0.00	35.72 -0.53 0.00	36.89 -0.61 0.00	59.38 -1.05 0.00	73.61 -0.94 -0.01	92.69 -3.58 -0.01	65.45 -2.93 -0.01	42.10 -1.73 0.00	44.71 -1.87 0.00	40.85 -1.71 0.00	34.01 -1.31 0.00	29.76 -0.72 0.00
NEG WEST___LANCASTR 23811	28.83 0.28 0.00	28.62 0.08 0.00	25.90 -0.38 0.00	25.26 -0.53 0.00	25.66 -0.58 0.00	25.55 -0.54 0.00	21.98 -0.31 0.00	23.60 -0.47 0.00	28.29 -0.37 0.00	32.22 0.14 0.00	31.89 0.51 0.00	35.32 0.84 0.00	36.65 0.76 0.00	36.55 0.30 0.00	37.76 0.26 0.00	60.92 0.50 0.00	75.38 0.83 -0.01	94.85 -1.42 -0.01	66.95 -1.43 -0.01	43.01 -0.82 0.00	45.70 -0.89 0.00	41.67 -0.88 0.00	34.69 -0.63 0.00	30.14 -0.34 0.00
NEG_PENN_ALLEGHNY 23528	29.19 0.49 -0.15	28.96 0.42 0.00	26.43 0.15 0.00	25.89 0.11 0.00	26.37 0.13 0.00	26.22 0.13 0.00	22.59 0.30 0.00	24.39 0.32 0.00	29.17 0.40 -0.10	33.52 0.70 -0.75	32.82 0.73 -0.71	36.38 0.98 -0.93	38.00 1.10 -1.02	38.33 1.04 -1.04	39.65 1.01 -1.14	64.88 1.73 -2.72	80.10 2.17 -3.39	101.13 1.90 -2.96	71.72 1.23 -2.12	46.07 0.82 -1.42	49.26 0.91 -1.76	44.76 0.72 -1.48	36.90 0.60 -0.97	31.53 0.41 -0.63
NEG___GEN_MONROE 24207	29.21 0.65 0.00	29.01 0.48 0.00	26.32 0.05 0.00	25.69 -0.10 0.00	26.09 -0.16 0.00	25.97 -0.11 0.00	22.30 0.00 0.00	23.97 -0.10 0.00	28.75 0.08 0.00	32.60 0.53 0.00	32.23 0.85 0.00	35.56 1.09 0.00	36.90 1.02 0.00	36.94 0.69 0.00	38.28 0.78 0.00	61.79 1.37 0.00	76.58 2.04 0.00	97.37 1.11 0.00	68.90 0.53 0.00	44.13 0.30 0.00	46.83 0.24 0.00	42.70 0.14 0.00	35.45 0.13 0.00	30.71 0.22 0.00
NEPA___ENERGY 23901	28.95 0.40 0.00	28.78 0.24 0.00	26.01 -0.26 0.00	25.36 -0.43 0.00	25.79 -0.46 0.00	25.68 -0.40 0.00	22.20 -0.10 0.00	23.86 -0.21 0.00	28.47 -0.20 0.00	32.48 0.40 0.00	32.01 0.63 0.00	35.67 1.19 0.00	37.17 1.28 0.00	37.21 0.96 0.00	38.36 0.86 0.00	62.01 1.59 0.00	76.65 2.11 0.00	96.23 -0.04 0.00	67.81 -0.56 0.00	43.51 -0.32 0.00	46.31 -0.27 0.00	42.17 -0.39 0.00	35.09 -0.23 0.00	30.33 -0.15 0.00

NEVERSINK___HYD 23608	29.61 1.06 0.00	29.44 0.91 0.00	26.90 0.63 0.00	26.32 0.53 0.00	26.75 0.50 0.00	26.61 0.52 0.00	23.01 0.71 0.00	25.02 0.95 0.00	29.40 1.19 0.45	32.74 1.44 0.78	30.10 1.47 2.74	36.62 1.75 -0.40	38.06 1.90 -0.28	37.59 1.15 -0.19	38.95 1.23 -0.22	62.45 2.03 0.00	77.55 3.00 0.00	100.11 3.84 0.00	59.07 2.60 11.90	41.15 1.45 4.12	48.12 1.54 0.00	44.98 2.42 0.00	36.98 1.89 0.24	31.95 1.46 0.00
NEWKRMKL_115KV_TB1 55635	29.11 0.56 0.00	29.07 0.53 0.00	26.70 0.43 0.00	26.22 0.44 0.00	26.70 0.45 0.00	26.51 0.43 0.00	22.88 0.59 0.00	24.75 0.68 0.00	29.70 0.69 -0.35	33.36 0.69 -0.59	34.11 0.64 -2.10	34.55 0.67 0.60	36.21 0.74 0.42	36.81 0.85 0.29	38.04 0.87 0.33	61.81 1.39 0.00	76.00 1.46 0.00	98.60 2.33 0.00	78.75 1.73 -8.64	45.94 1.17 -0.94	47.78 1.20 0.00	43.55 0.99 0.00	36.14 0.82 0.00	31.19 0.71 0.00
NEWTON___FALLS_HYD 23847	28.02 -0.66 -0.13	27.93 -0.60 0.00	25.76 -0.51 0.00	25.33 -0.46 0.00	25.82 -0.43 0.00	25.70 -0.38 0.00	21.89 -0.40 0.00	23.72 -0.35 0.00	28.34 -0.42 -0.09	32.30 -0.44 -0.66	31.69 -0.31 -0.63	34.87 -0.43 -0.83	36.26 -0.53 -0.90	36.85 -0.33 -0.93	38.08 -0.43 -1.02	62.21 -0.64 -2.42	76.74 -0.81 -3.02	98.78 -0.12 -2.63	70.36 0.10 -1.89	45.31 0.21 -1.27	48.53 0.37 -1.57	44.35 0.48 -1.31	36.46 0.27 -0.87	31.12 0.07 -0.56
NGRID_A1_DSASP 323792	28.11 -0.44 0.00	27.87 -0.67 0.00	25.20 -1.07 0.00	24.58 -1.20 0.00	24.93 -1.32 0.00	24.83 -1.25 0.00	21.29 -1.00 0.00	22.76 -1.31 0.00	27.32 -1.35 0.00	31.08 -0.99 0.00	30.92 -0.46 0.00	34.13 -0.35 0.00	35.28 -0.60 0.00	35.00 -1.25 0.00	36.11 -1.39 0.00	57.82 -2.60 0.01	71.48 -3.02 0.04	89.98 -6.25 0.04	63.49 -4.85 0.04	40.88 -2.94 0.01	43.51 -3.07 0.00	39.91 -2.65 0.00	33.30 -2.02 0.00	29.13 -1.35 0.00
NGRID_A2_DSASP 323793	28.11 -0.44 0.00	27.87 -0.67 0.00	25.20 -1.07 0.00	24.58 -1.20 0.00	24.93 -1.32 0.00	24.83 -1.25 0.00	21.29 -1.00 0.00	22.76 -1.31 0.00	27.32 -1.35 0.00	31.08 -0.99 0.00	30.92 -0.46 0.00	34.13 -0.35 0.00	35.28 -0.60 0.00	35.00 -1.25 0.00	36.11 -1.39 0.00	57.82 -2.60 0.01	71.48 -3.02 0.04	89.98 -6.25 0.04	63.49 -4.85 0.04	40.88 -2.94 0.01	43.51 -3.07 0.00	39.91 -2.65 0.00	33.30 -2.02 0.00	29.13 -1.35 0.00
NGRID_A4_DSASP 323807	28.11 -0.44 0.00	27.87 -0.67 0.00	25.20 -1.07 0.00	24.58 -1.20 0.00	24.93 -1.32 0.00	24.83 -1.25 0.00	21.29 -1.00 0.00	22.76 -1.31 0.00	27.32 -1.35 0.00	31.08 -0.99 0.00	30.92 -0.46 0.00	34.13 -0.35 0.00	35.28 -0.60 0.00	35.00 -1.25 0.00	36.11 -1.39 0.00	57.82 -2.60 0.01	71.48 -3.02 0.04	89.98 -6.25 0.04	63.49 -4.85 0.04	40.88 -2.94 0.01	43.51 -3.07 0.00	39.91 -2.65 0.00	33.30 -2.02 0.00	29.13 -1.35 0.00
NIAGARA_115E_LBMP 323715	28.07 -0.48 0.00	27.82 -0.72 0.00	25.16 -1.12 0.00	24.53 -1.25 0.00	24.88 -1.36 0.00	24.80 -1.28 0.00	21.27 -1.02 0.00	22.72 -1.35 0.00	27.26 -1.41 0.00	31.00 -1.08 0.00	30.84 -0.54 0.00	34.04 -0.43 0.00	35.23 -0.66 0.00	34.97 -1.28 0.00	36.08 -1.42 0.00	58.04 -2.38 0.00	71.89 -2.65 0.00	90.46 -5.81 0.00	63.87 -4.50 0.00	41.17 -2.66 0.00	43.76 -2.82 0.00	40.00 -2.55 0.00	33.31 -2.01 0.00	29.26 -1.23 0.00
NIAGARA_115W_LBMP 323714	28.05 -0.50 0.00	27.81 -0.73 0.00	25.15 -1.12 0.00	24.53 -1.26 0.00	24.87 -1.37 0.00	24.78 -1.30 0.00	21.25 -1.04 0.00	22.71 -1.36 0.00	27.26 -1.41 0.00	31.00 -1.08 0.00	30.84 -0.54 0.00	34.04 -0.43 0.00	35.19 -0.70 0.00	34.92 -1.33 0.00	36.02 -1.48 0.00	57.64 -2.78 0.01	71.28 -3.23 0.03	89.70 -6.53 0.04	63.32 -5.02 0.03	40.76 -3.06 0.01	43.40 -3.19 0.00	39.82 -2.73 0.00	33.23 -2.09 0.00	29.07 -1.42 0.00
NIAGARA_230_LBMP 323716	28.22 -0.33 0.00	27.99 -0.54 0.00	25.33 -0.95 0.00	24.71 -1.08 0.00	25.06 -1.19 0.00	24.95 -1.13 0.00	21.41 -0.89 0.00	22.90 -1.17 0.00	27.48 -1.19 0.00	31.26 -0.82 0.00	31.05 -0.32 0.00	34.27 -0.20 0.00	35.45 -0.43 0.00	35.20 -1.06 0.00	36.31 -1.19 0.00	58.44 -1.97 0.00	72.37 -2.17 0.00	91.11 -5.15 0.00	64.35 -4.01 0.00	41.39 -2.44 0.00	44.00 -2.59 0.00	40.21 -2.34 0.00	33.53 -1.79 0.00	29.31 -1.18 0.00
NIAGARA___115KV_198_GIBSON 55903	28.04 -0.51 0.00	27.81 -0.73 0.00	25.15 -1.13 0.00	24.53 -1.26 0.00	24.87 -1.37 0.00	24.78 -1.30 0.00	21.25 -1.05 0.00	22.71 -1.36 0.00	27.25 -1.42 0.00	30.99 -1.08 0.00	30.83 -0.55 0.00	34.02 -0.45 0.00	35.18 -0.70 0.00	34.91 -1.34 0.00	36.02 -1.48 0.00	57.62 -2.79 0.01	71.23 -3.28 0.03	89.71 -6.52 0.04	63.32 -5.02 0.03	40.76 -3.06 0.01	43.37 -3.21 0.00	39.80 -2.76 0.00	33.22 -2.11 0.00	29.06 -1.43 0.00
NIAGARA____ 23760	28.22 -0.33 0.00	27.99 -0.54 0.00	25.33 -0.95 0.00	24.71 -1.08 0.00	25.06 -1.19 0.00	24.95 -1.13 0.00	21.41 -0.89 0.00	22.90 -1.17 0.00	27.48 -1.19 0.00	31.26 -0.82 0.00	31.05 -0.32 0.00	34.27 -0.20 0.00	35.45 -0.43 0.00	35.20 -1.06 0.00	36.31 -1.19 0.00	58.44 -1.97 0.00	72.37 -2.17 0.01	91.11 -5.15 0.01	64.35 -4.01 0.01	41.39 -2.44 0.00	44.00 -2.59 0.00	40.21 -2.34 0.00	33.53 -1.79 0.00	29.31 -1.18 0.00
NINE_MILE_1 23575	25.60 -0.73 2.22	27.87 -0.67 0.00	25.57 -0.70 0.00	25.07 -0.72 0.00	25.51 -0.73 0.00	25.36 -0.72 0.00	21.72 -0.57 0.00	23.37 -0.70 0.00	26.30 -0.79 1.58	20.04 -0.78 11.26	20.05 -0.69 10.64	19.77 -0.72 13.99	19.79 -0.75 15.34	19.71 -0.79 15.75	19.43 -0.82 17.24	18.03 -1.28 41.11	21.86 -1.55 51.13	49.38 -2.22 44.66	34.74 -1.62 32.01	21.34 -1.03 21.45	18.90 -1.09 26.59	19.23 -1.04 22.28	19.75 -0.88 14.69	20.15 -0.80 9.53
NINE_MILE_2 23744	25.57 -0.73 2.25	27.87 -0.66 0.00	25.57 -0.70 0.00	25.08 -0.71 0.00	25.51 -0.73 0.00	25.36 -0.72 0.00	21.73 -0.57 0.00	23.37 -0.70 0.00	26.28 -0.79 1.60	19.87 -0.78 11.43	19.89 -0.69 10.80	19.56 -0.72 14.20	19.56 -0.75 15.57	19.47 -0.79 15.98	19.17 -0.82 17.50	17.41 -1.28 41.73	21.09 -1.55 51.90	48.71 -2.22 45.33	34.27 -1.61 32.49	21.02 -1.03 21.78	18.50 -1.09 26.99	18.90 -1.04 22.62	19.53 -0.88 14.91	20.01 -0.80 9.67
NM_CAPITAL___DRP 24208	29.15 0.60 0.00	29.11 0.57 0.00	26.75 0.48 0.00	26.26 0.48 0.00	26.74 0.49 0.00	26.56 0.47 0.00	22.91 0.61 0.00	24.77 0.70 0.00	29.73 0.71 -0.35	33.38 0.70 -0.61	34.16 0.64 -2.15	34.48 0.66 0.66	36.14 0.72 0.46	36.77 0.84 0.32	37.97 0.84 0.37	61.75 1.33 0.00	75.92 1.37 0.00	98.59 2.33 0.00	79.03 1.73 -8.92	45.99 1.18 -0.98	47.79 1.21 0.00	43.56 1.01 0.00	36.16 0.84 0.00	31.21 0.72 0.00
NM_CENTRAL___DRP 24181	28.72 -0.04 -0.22	28.52 -0.02 0.00	26.13 -0.15 0.00	25.60 -0.19 0.00	26.05 -0.19 0.00	25.90 -0.19 0.00	22.22 -0.07 0.00	23.94 -0.13 0.00	28.73 -0.09 -0.15	33.24 0.08 -1.09	32.57 0.16 -1.03	36.05 0.22 -1.36	37.67 0.25 -1.54	38.00 0.22 -1.53	39.41 0.24 -1.67	64.87 0.46 -3.99	80.16 0.65 -4.97	101.15 0.55 -4.34	71.81 0.33 -3.11	46.10 0.18 -2.08	49.35 0.18 -2.58	44.81 0.09 -2.16	36.81 0.06 -1.43	31.37 -0.04 -0.93

NM_FRONTIER___DRP 24179	28.04 -0.51 0.00	27.81 -0.73 0.00	25.15 -1.13 0.00	24.53 -1.26 0.00	24.87 -1.37 0.00	24.78 -1.30 0.00	21.25 -1.05 0.00	22.71 -1.36 0.00	27.25 -1.42 0.00	30.99 -1.08 0.00	30.83 -0.55 0.00	34.02 -0.45 0.00	35.18 -0.70 0.00	34.91 -1.34 0.00	36.02 -1.48 0.00	57.62 -2.79 0.01	71.23 -3.28 0.03	89.71 -6.52 0.04	63.32 -5.02 0.03	40.76 -3.06 0.01	43.37 -3.21 0.00	39.80 -2.76 0.00	33.22 -2.11 0.00	29.06 -1.43 0.00
NM_ST_REGIS___HYD 24053	27.75 -0.80 0.00	27.70 -0.84 0.00	25.58 -0.69 0.00	25.18 -0.61 0.00	25.64 -0.60 0.00	25.54 -0.54 0.00	21.62 -0.67 0.00	23.38 -0.68 0.00	27.84 -0.83 0.00	30.97 -1.10 0.00	30.44 -0.94 0.00	33.41 -1.06 0.00	34.58 -1.30 0.00	34.93 -1.32 0.00	36.20 -1.30 0.00	58.47 -1.95 0.00	72.28 -2.26 0.00	93.85 -2.42 0.00	66.74 -1.63 0.00	42.93 -0.90 0.00	45.68 -0.90 0.00	41.83 -0.72 0.00	34.69 -0.63 0.00	29.95 -0.54 0.00
NORTHPORT___1 23551	32.17 1.96 -1.66	30.35 1.82 0.00	30.27 1.59 -2.41	30.35 1.51 -3.06	32.08 1.51 -4.33	27.51 1.43 0.00	23.83 1.54 0.00	25.85 1.78 0.00	32.99 2.14 -2.18	37.97 2.22 -3.67	46.40 2.08 -12.94	36.22 2.15 0.40	39.03 2.66 -0.49	39.49 2.91 -0.32	52.68 3.08 -12.10	64.74 4.33 0.01	60.26 5.74 20.01	101.98 7.04 1.32	119.73 4.83 -46.53	64.13 3.06 -17.24	49.67 3.00 -0.09	45.67 2.69 -0.42	38.64 2.31 -1.01	34.42 2.08 -1.85
NORTHPORT___2 23552	32.17 1.96 -1.66	30.35 1.82 0.00	30.27 1.59 -2.41	30.35 1.51 -3.06	32.08 1.51 -4.33	27.51 1.43 0.00	23.83 1.54 0.00	25.85 1.78 0.00	32.99 2.14 -2.18	37.97 2.22 -3.67	46.40 2.08 -12.94	36.22 2.15 0.40	39.03 2.66 -0.49	39.49 2.91 -0.32	52.68 3.08 -12.10	64.74 4.33 0.01	60.26 5.74 20.01	101.98 7.04 1.32	119.73 4.83 -46.53	64.13 3.06 -17.24	49.67 3.00 -0.09	45.67 2.69 -0.42	38.64 2.31 -1.01	34.42 2.08 -1.85
NORTHPORT___3 23553	32.03 1.82 -1.66	30.23 1.70 0.00	30.17 1.49 -2.41	30.24 1.40 -3.06	31.98 1.41 -4.33	27.43 1.34 0.00	23.75 1.46 0.00	25.75 1.68 0.00	32.83 1.98 -2.18	37.78 2.03 -3.67	46.22 1.90 -12.94	36.07 1.99 0.40	38.86 2.49 -0.49	39.34 2.76 -0.33	52.55 2.96 -12.09	64.48 4.06 0.00	60.19 5.28 19.62	101.92 6.58 0.93	119.56 4.66 -46.53	63.97 2.90 -17.24	49.50 2.83 -0.09	45.50 2.53 -0.42	38.43 2.09 -1.01	34.23 1.90 -1.85
NORTHPORT___4 23650	32.03 1.82 -1.66	30.23 1.70 0.00	30.17 1.49 -2.41	30.24 1.40 -3.06	31.98 1.41 -4.33	27.43 1.34 0.00	23.75 1.46 0.00	25.75 1.68 0.00	32.83 1.98 -2.18	37.78 2.03 -3.67	46.22 1.90 -12.94	36.07 1.99 0.40	38.86 2.49 -0.49	39.34 2.76 -0.33	52.55 2.96 -12.09	64.48 4.06 0.00	60.19 5.28 19.62	101.92 6.58 0.93	119.56 4.66 -46.53	63.97 2.90 -17.24	49.50 2.83 -0.09	45.50 2.53 -0.42	38.43 2.09 -1.01	34.23 1.90 -1.85
NORTHPORT___IC 23718	32.16 1.96 -1.65	30.35 1.81 0.00	30.27 1.59 -2.40	30.35 1.51 -3.06	32.08 1.51 -4.33	27.51 1.43 0.00	23.83 1.54 0.00	25.85 1.78 0.00	32.99 2.14 -2.18	37.97 2.22 -3.67	46.40 2.08 -12.94	36.22 2.15 0.40	39.03 2.67 -0.48	39.49 2.92 -0.32	52.67 3.08 -12.10	64.74 4.33 0.01	60.26 5.74 20.01	101.98 7.04 1.32	119.73 4.83 -46.53	64.13 3.07 -17.24	49.67 3.00 -0.09	45.67 2.70 -0.42	38.64 2.31 -1.01	34.40 2.07 -1.85
NORTH___COUNTRY_ESR 323785	28.39 -0.16 0.00	28.37 -0.16 0.00	26.08 -0.19 0.00	25.70 -0.09 0.00	26.22 -0.03 0.00	26.14 0.06 0.00	22.17 -0.12 0.00	23.96 -0.11 0.00	28.50 -0.17 0.00	31.75 -0.33 0.00	31.12 -0.26 0.00	34.16 -0.32 0.00	35.40 -0.48 0.00	35.70 -0.55 0.00	36.86 -0.63 0.00	59.65 -0.77 0.00	73.83 -0.71 0.00	95.57 -0.70 0.00	67.89 -0.48 0.00	43.59 -0.24 0.00	46.35 -0.23 0.00	42.32 -0.24 0.00	35.14 -0.18 0.00	30.34 -0.14 0.00
NPX_GEN_1385_PROXY 323591	31.59 1.37 -1.66	29.59 1.05 0.00	29.59 0.91 -2.41	29.89 1.04 -3.06	31.78 1.21 -4.33	26.93 0.84 0.00	23.41 1.16 0.04	25.43 1.36 0.00	32.58 1.73 -2.18	37.43 1.68 -3.67	45.73 1.42 -12.94	35.50 1.42 0.40	38.63 2.27 -0.49	39.07 2.50 -0.32	52.50 2.90 -12.10	63.69 3.28 0.01	58.85 4.32 20.01	100.36 5.41 1.32	118.94 4.04 -46.53	64.77 3.70 -17.24	50.12 3.45 -0.09	45.59 2.61 -0.42	38.20 1.87 -1.01	34.12 1.78 -1.85
NPX_GEN_CSC 323557	32.39 2.18 -1.66	30.52 1.99 0.00	30.39 1.70 -2.41	30.44 1.59 -3.06	32.13 1.55 -4.33	27.59 1.51 0.00	23.89 1.64 0.04	26.04 1.96 0.00	33.28 2.43 -2.18	38.33 2.59 -3.67	46.77 2.45 -12.94	37.77 2.67 -0.62	39.69 3.32 -0.49	40.23 3.65 -0.33	56.49 3.81 -15.18	66.02 5.60 0.00	134.84 7.40 -52.89	124.77 8.75 -19.75	124.63 5.94 -50.32	64.94 3.87 -17.24	50.59 3.91 -0.09	46.45 3.48 -0.42	39.31 2.98 -1.01	34.96 2.62 -1.85
NSINS_S_GLNS_FALLS 23858	30.48 1.93 0.00	30.30 1.77 0.00	27.77 1.50 0.00	27.28 1.49 0.00	27.76 1.51 0.00	27.59 1.51 0.00	23.75 1.45 0.00	25.73 1.66 0.00	30.74 1.75 -0.33	34.63 1.99 -0.56	35.08 1.73 -1.97	35.83 2.02 0.66	37.61 2.19 0.46	38.06 2.13 0.32	39.20 2.07 0.37	64.10 3.68 0.00	79.17 4.63 0.00	103.33 7.06 0.00	81.89 5.35 -8.17	48.54 3.81 -0.89	50.73 4.14 0.00	46.04 3.48 0.00	38.12 2.80 0.00	32.77 2.29 0.00
NUCOR_STEEL___DRP 24197	29.20 0.29 -0.35	28.83 0.30 0.00	26.39 0.11 0.00	25.84 0.05 0.00	26.30 0.06 0.00	26.15 0.07 0.00	22.46 0.16 0.00	24.19 0.13 0.00	29.26 0.34 -0.25	34.46 0.60 -1.79	33.79 0.72 -1.69	37.55 0.85 -2.22	39.18 0.85 -2.44	39.57 0.82 -2.50	41.10 0.86 -2.74	68.42 1.46 -6.54	84.53 1.85 -8.13	105.32 1.96 -7.10	74.70 1.24 -5.09	48.03 0.79 -3.41	51.85 1.04 -4.23	46.79 0.69 -3.54	38.17 0.51 -2.33	32.44 0.44 -1.52
NUMBER_THREE_WT_PWR 323818	28.72 0.01 -0.16	28.71 0.18 0.00	26.42 0.14 0.00	26.02 0.23 0.00	26.55 0.30 0.00	26.42 0.34 0.00	22.62 0.32 0.00	24.47 0.40 0.00	29.24 0.46 -0.11	33.48 0.61 -0.79	32.78 0.65 -0.75	36.11 0.64 -0.99	37.60 0.63 -1.08	38.18 0.82 -1.11	39.46 0.74 -1.22	64.58 1.26 -2.90	79.69 1.54 -3.61	102.42 3.00 -3.15	73.00 2.37 -2.26	46.99 1.65 -1.51	50.33 1.87 -1.87	45.96 1.84 -1.57	37.73 1.37 -1.04	32.12 0.96 -0.67
NYISO_LBMP_REFERENCE 24008	28.55 0.00 0.00	28.53 0.00 0.00	26.27 0.00 0.00	25.79 0.00 0.00	26.25 0.00 0.00	26.09 0.00 0.00	22.29 0.00 0.00	24.07 0.00 0.00	28.67 0.00 0.00	32.07 0.00 0.00	31.38 0.00 0.00	34.48 0.00 0.00	35.88 0.00 0.00	36.25 0.00 0.00	37.50 0.00 0.00	60.42 0.00 0.00	74.54 0.00 0.00	96.27 0.00 0.00	68.37 0.00 0.00	43.83 0.00 0.00	46.59 0.00 0.00	42.56 0.00 0.00	35.32 0.00 0.00	30.48 0.00 0.00
NYPA_BRENTWD____GT 24164	32.68 2.47 -1.66	30.82 2.29 0.00	30.66 1.99 -2.41	30.71 1.87 -3.06	32.43 1.85 -4.33	27.88 1.80 0.00	24.17 1.88 0.00	26.26 2.20 0.00	33.52 2.67 -2.18	38.58 2.84 -3.67	47.06 2.75 -12.94	37.98 2.90 -0.60	39.80 3.43 -0.49	40.29 3.71 -0.33	54.46 3.86 -13.10	65.75 5.33 0.00	92.86 6.98 -11.34	111.16 8.63 -6.26	122.08 5.96 -47.76	64.81 3.74 -17.24	50.49 3.81 -0.09	46.58 3.61 -0.42	39.48 3.14 -1.02	35.12 2.78 -1.85

NYPA_GOWANUS____GT5 24156	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.92 2.75 -0.69	39.52 3.16 -0.48	39.91 3.33 -0.33	41.39 3.51 -0.38	66.09 5.67 0.00	81.55 7.01 0.00	105.24 8.97 0.00	121.53 6.16 -47.00	64.42 3.48 -17.11	50.09 3.51 0.00	45.84 3.28 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NYPA_GOWANUS____GT6 24157	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.73 2.53 -12.82	37.92 2.75 -0.69	39.52 3.16 -0.48	39.91 3.33 -0.33	41.39 3.51 -0.38	66.09 5.67 0.00	81.55 7.01 0.00	105.24 8.97 0.00	121.53 6.16 -47.00	64.42 3.48 -17.11	50.09 3.51 0.00	45.84 3.28 0.00	39.12 2.79 -1.01	41.18 2.34 -8.36
NYPA_HARLEM__RVR__GT1 24160	30.34 1.79 0.00	30.21 1.68 0.00	27.61 1.34 0.00	26.95 1.17 0.00	27.37 1.13 0.00	27.26 1.17 0.00	23.73 1.43 0.00	25.76 1.69 0.00	32.82 2.04 -2.12	37.97 2.27 -3.63	46.46 2.27 -12.81	37.66 2.50 -0.69	39.23 2.86 -0.47	39.60 3.03 -0.32	41.05 3.18 -0.38	65.61 5.19 0.01	80.96 6.42 0.00	104.50 8.23 0.00	121.06 5.69 -47.00	64.20 3.26 -17.11	49.82 3.24 0.00	45.54 2.98 0.00	38.86 2.54 -1.00	32.57 2.09 0.00
NYPA_HARLEM__RVR__GT2 24161	30.34 1.79 0.00	30.21 1.68 0.00	27.61 1.34 0.00	26.95 1.17 0.00	27.37 1.13 0.00	27.26 1.17 0.00	23.73 1.43 0.00	25.76 1.69 0.00	32.82 2.04 -2.12	37.97 2.27 -3.63	46.46 2.27 -12.81	37.66 2.50 -0.69	39.23 2.86 -0.47	39.60 3.03 -0.32	41.05 3.18 -0.38	65.61 5.19 0.01	80.96 6.42 0.00	104.50 8.23 0.00	121.06 5.69 -47.00	64.20 3.26 -17.11	49.82 3.24 0.00	45.54 2.98 0.00	38.86 2.54 -1.00	32.57 2.09 0.00
NYPA_KENT____GT 24152	30.44 1.89 0.00	30.28 1.74 0.00	27.67 1.39 0.00	27.04 1.25 0.00	27.47 1.22 0.00	27.34 1.26 0.00	23.75 1.46 0.00	25.85 1.78 0.00	32.96 2.17 -2.12	38.19 2.48 -3.64	46.70 2.50 -12.82	37.89 2.72 -0.69	39.47 3.10 -0.48	39.85 3.27 -0.33	41.32 3.44 -0.38	65.99 5.57 0.00	81.43 6.89 0.00	105.08 8.81 0.00	121.44 6.07 -47.00	64.34 3.40 -17.11	50.00 3.41 0.00	45.75 3.19 0.00	39.04 2.72 -1.00	37.67 2.28 -4.90
NYPA_POUCH1____GT 24155	30.42 1.86 0.00	30.25 1.72 0.00	27.64 1.37 0.00	27.01 1.22 0.00	27.42 1.18 0.00	27.28 1.20 0.00	23.69 1.39 0.00	25.75 1.68 0.00	32.84 2.05 -2.12	38.07 2.36 -3.64	46.59 2.38 -12.82	37.75 2.58 -0.69	39.35 2.98 -0.48	39.73 3.15 -0.33	41.21 3.33 -0.38	65.83 5.40 0.00	81.20 6.66 0.00	104.87 8.60 0.00	121.30 5.93 -47.00	64.27 3.33 -17.11	49.93 3.34 0.00	45.70 3.15 0.00	39.00 2.67 -1.01	41.08 2.25 -8.36
NYPA_VERNON____GT2 24162	30.40 1.85 0.00	30.25 1.71 0.00	27.64 1.36 0.00	27.01 1.23 0.00	27.45 1.21 0.00	27.33 1.24 0.00	23.74 1.45 0.00	25.84 1.77 0.00	32.95 2.17 -2.12	38.16 2.45 -3.64	46.66 2.46 -12.82	37.88 2.71 -0.69	39.44 3.07 -0.48	39.83 3.24 -0.33	41.28 3.40 -0.38	65.93 5.51 0.00	81.38 6.83 0.00	104.98 8.71 0.00	121.38 6.01 -47.00	64.30 3.36 -17.11	49.93 3.34 0.00	45.68 3.13 0.00	38.97 2.64 -1.00	34.17 2.22 -1.46
NYPA_VERNON____GT3 24163	30.40 1.85 0.00	30.25 1.71 0.00	27.64 1.36 0.00	27.01 1.23 0.00	27.45 1.21 0.00	27.33 1.24 0.00	23.74 1.45 0.00	25.84 1.77 0.00	32.95 2.17 -2.12	38.16 2.45 -3.64	46.66 2.46 -12.82	37.88 2.71 -0.69	39.44 3.07 -0.48	39.83 3.24 -0.33	41.28 3.40 -0.38	65.93 5.51 0.00	81.38 6.83 0.00	104.98 8.71 0.00	121.38 6.01 -47.00	64.30 3.36 -17.11	49.93 3.34 0.00	45.68 3.13 0.00	38.97 2.64 -1.00	34.17 2.22 -1.46
NYPA____ASTORIA_CC1 323568	30.35 1.80 0.00	30.19 1.66 0.00	27.60 1.32 0.00	26.97 1.18 0.00	27.41 1.16 0.00	27.29 1.21 0.00	23.71 1.42 0.00	25.80 1.73 0.00	32.90 2.11 -2.12	38.10 2.39 -3.64	46.60 2.40 -12.82	37.83 2.66 -0.69	39.38 3.01 -0.48	39.75 3.17 -0.33	41.22 3.34 -0.38	65.82 5.40 0.00	81.24 6.70 0.00	104.81 8.54 0.00	121.25 5.88 -47.00	64.23 3.29 -17.11	49.87 3.28 0.00	45.62 3.06 0.00	38.92 2.59 -1.00	32.65 2.17 0.00
NYPA____ASTORIA_CC2 323569	30.35 1.80 0.00	30.19 1.66 0.00	27.60 1.32 0.00	26.97 1.18 0.00	27.41 1.16 0.00	27.29 1.21 0.00	23.71 1.42 0.00	25.80 1.73 0.00	32.90 2.11 -2.12	38.10 2.39 -3.64	46.60 2.40 -12.82	37.83 2.66 -0.69	39.38 3.01 -0.48	39.75 3.17 -0.33	41.22 3.34 -0.38	65.82 5.40 0.00	81.24 6.70 0.00	104.81 8.54 0.00	121.25 5.88 -47.00	64.23 3.29 -17.11	49.87 3.28 0.00	45.62 3.06 0.00	38.92 2.59 -1.00	32.65 2.17 0.00
NYPA____HOLTSVILL 23794	32.48 2.27 -1.66	30.63 2.09 0.00	30.48 1.80 -2.41	30.54 1.69 -3.06	32.25 1.67 -4.33	27.71 1.63 0.00	24.03 1.73 0.00	26.11 2.04 0.00	33.35 2.50 -2.18	38.40 2.66 -3.67	46.83 2.52 -12.94	37.82 2.72 -0.62	39.67 3.30 -0.49	40.17 3.59 -0.33	56.29 3.75 -15.04	65.86 5.43 0.00	131.82 7.08 -50.20	123.76 8.68 -18.81	124.51 5.99 -50.15	64.82 3.75 -17.24	50.43 3.76 -0.09	46.37 3.39 -0.42	39.26 2.92 -1.01	34.92 2.58 -1.85
NYPA____HELLGATE_GT1 24158	30.34 1.79 0.00	30.21 1.68 0.00	27.61 1.34 0.00	26.95 1.17 0.00	27.37 1.13 0.00	27.26 1.17 0.00	23.73 1.43 0.00	25.76 1.69 0.00	32.82 2.04 -2.12	37.97 2.27 -3.63	46.46 2.27 -12.81	37.66 2.49 -0.69	39.22 2.86 -0.47	39.60 3.03 -0.32	41.05 3.18 -0.38	65.61 5.19 0.01	80.96 6.42 0.00	104.50 8.23 0.00	121.06 5.69 -47.00	64.20 3.26 -17.11	49.82 3.24 0.00	45.54 2.98 0.00	38.86 2.54 -1.00	32.57 2.09 0.00
NYPA____HELLGATE_GT2 24159	30.34 1.79 0.00	30.21 1.68 0.00	27.61 1.34 0.00	26.95 1.17 0.00	27.37 1.13 0.00	27.26 1.17 0.00	23.73 1.43 0.00	25.76 1.69 0.00	32.82 2.04 -2.12	37.97 2.27 -3.63	46.46 2.27 -12.81	37.66 2.49 -0.69	39.22 2.86 -0.47	39.60 3.03 -0.32	41.05 3.18 -0.38	65.61 5.19 0.01	80.96 6.42 0.00	104.50 8.23 0.00	121.06 5.69 -47.00	64.20 3.26 -17.11	49.82 3.24 0.00	45.54 2.98 0.00	38.86 2.54 -1.00	32.57 2.09 0.00
NYS_BARGE____HYD 23848	28.60 0.05 0.00	28.33 -0.20 0.00	25.61 -0.66 0.00	24.97 -0.82 0.00	25.33 -0.91 0.00	25.24 -0.85 0.00	21.66 -0.63 0.00	23.17 -0.90 0.00	27.81 -0.85 0.00	31.65 -0.42 0.00	31.47 0.09 0.00	34.77 0.29 0.00	35.99 0.10 0.00	35.76 -0.49 0.00	36.92 -0.57 0.00	59.44 -0.98 0.00	73.74 -0.81 -0.01	92.83 -3.44 -0.01	65.55 -2.83 -0.01	42.17 -1.66 0.00	44.79 -1.79 0.00	40.94 -1.62 0.00	34.06 -1.26 0.00	29.82 -0.67 0.00
OAK ORCHARD____HYD 24046	28.92 0.36 0.00	28.75 0.21 0.00	26.13 -0.14 0.00	25.52 -0.26 0.00	25.92 -0.32 0.00	25.81 -0.28 0.00	22.14 -0.16 0.00	23.81 -0.26 0.00	28.55 -0.12 0.00	32.34 0.27 0.00	31.98 0.61 0.00	35.31 0.83 0.00	36.66 0.78 0.00	36.72 0.47 0.00	38.02 0.52 0.00	61.35 0.93 0.00	76.00 1.46 0.00	96.63 0.36 0.00	68.34 -0.03 0.00	43.77 -0.06 0.00	46.46 -0.12 0.00	42.37 -0.18 0.00	35.18 -0.15 0.00	30.46 -0.03 0.00

OAKDALE___35_KV_LOAD 356122	29.10 0.40 -0.14	28.88 0.35 0.00	26.37 0.09 0.00	25.84 0.05 0.00	26.32 0.07 0.00	26.16 0.08 0.00	22.54 0.24 0.00	24.32 0.25 0.00	29.08 0.31 -0.10	33.39 0.59 -0.73	32.69 0.63 -0.69	36.23 0.85 -0.90	37.82 0.95 -0.99	38.15 0.89 -1.01	39.47 0.86 -1.11	64.54 1.48 -2.65	79.69 1.85 -3.29	100.61 1.47 -2.87	71.36 0.93 -2.06	45.83 0.61 -1.38	49.00 0.70 -1.71	44.54 0.55 -1.43	36.73 0.46 -0.94	31.41 0.31 -0.62
OCC_CHEM___DRP 24175	28.11 -0.44 0.00	27.87 -0.67 0.00	25.20 -1.08 0.00	24.58 -1.21 0.00	24.93 -1.32 0.00	24.83 -1.25 0.00	21.29 -1.00 0.00	22.76 -1.31 0.00	27.31 -1.35 0.00	31.07 -1.00 0.00	30.91 -0.47 0.00	34.12 -0.36 0.00	35.27 -0.61 0.00	35.00 -1.25 0.00	36.10 -1.40 0.00	57.80 -2.62 0.01	71.45 -3.06 0.04	89.97 -6.26 0.04	63.49 -4.84 0.04	40.87 -2.95 0.01	43.49 -3.10 0.00	39.89 -2.67 0.00	33.29 -2.04 0.00	29.12 -1.36 0.00
OH_GEN_PROXY 24063	28.22 -0.33 0.00	28.00 -0.53 0.00	25.34 -0.93 0.00	24.72 -1.07 0.00	25.08 -1.17 0.00	24.97 -1.11 0.00	21.39 -0.87 0.04	22.95 -1.12 0.00	27.53 -1.13 0.00	31.32 -0.76 0.00	31.09 -0.28 0.00	34.33 -0.14 0.00	35.51 -0.37 0.00	35.26 -0.99 0.00	36.39 -1.11 0.00	58.60 -1.82 0.00	72.56 -1.99 0.00	91.38 -4.88 0.00	64.53 -3.84 0.00	41.49 -2.34 0.00	44.09 -2.49 0.00	40.30 -2.25 0.00	33.59 -1.73 0.00	29.33 -1.16 0.00
OLIN_CORP_DRP 24177	28.12 -0.43 0.00	27.87 -0.67 0.00	25.20 -1.07 0.00	24.58 -1.21 0.00	24.93 -1.32 0.00	24.84 -1.24 0.00	21.31 -0.99 0.00	22.77 -1.30 0.00	27.31 -1.35 0.00	31.06 -1.01 0.00	30.88 -0.49 0.00	34.10 -0.37 0.00	35.30 -0.59 0.00	35.03 -1.22 0.00	36.16 -1.33 0.00	58.17 -2.25 0.00	72.03 -2.52 0.00	90.65 -5.62 0.00	64.01 -4.36 0.00	41.25 -2.58 0.00	43.82 -2.77 0.00	40.05 -2.51 0.00	33.36 -1.97 0.00	29.29 -1.20 0.00
OLIN_CORP_DSASP 323712	28.11 -0.44 0.00	27.87 -0.67 0.00	25.20 -1.07 0.00	24.58 -1.20 0.00	24.93 -1.32 0.00	24.83 -1.25 0.00	21.29 -1.00 0.00	22.76 -1.31 0.00	27.32 -1.35 0.00	31.08 -0.99 0.00	30.92 -0.46 0.00	34.13 -0.35 0.00	35.28 -0.60 0.00	35.00 -1.25 0.00	36.11 -1.39 0.00	57.82 -2.60 0.01	71.48 -3.02 0.04	89.98 -6.25 0.04	63.49 -4.85 0.04	40.88 -2.94 0.01	43.51 -3.07 0.00	39.91 -2.65 0.00	33.30 -2.02 0.00	29.13 -1.35 0.00
ONEIDA_HERK_LFGE 323681	29.13 0.49 -0.09	29.07 0.53 0.00	26.70 0.43 0.00	26.23 0.44 0.00	26.73 0.48 0.00	26.58 0.50 0.00	22.78 0.49 0.00	24.64 0.57 0.00	29.43 0.70 -0.06	33.38 0.87 -0.43	32.73 0.94 -0.41	36.06 1.04 -0.54	37.52 1.05 -0.59	37.99 1.14 -0.61	39.27 1.11 -0.66	63.88 1.87 -1.58	78.82 2.31 -1.97	101.46 3.48 -1.72	72.30 2.69 -1.23	46.43 1.78 -0.83	49.52 1.92 -1.02	45.18 1.76 -0.86	37.24 1.35 -0.57	31.86 1.01 -0.37
ONEIDA___115KV_TB4 55905	29.57 0.90 -0.12	29.40 0.87 0.00	26.95 0.68 0.00	26.43 0.64 0.00	26.91 0.67 0.00	26.75 0.67 0.00	22.97 0.67 0.00	24.81 0.75 0.00	29.65 0.90 -0.08	33.82 1.15 -0.59	33.20 1.26 -0.56	36.64 1.43 -0.74	38.10 1.41 -0.81	38.51 1.43 -0.83	39.85 1.44 -0.91	65.09 2.51 -2.17	80.35 3.11 -2.69	102.70 4.09 -2.35	73.19 3.13 -1.69	47.02 2.07 -1.13	50.22 2.24 -1.40	45.71 1.98 -1.17	37.63 1.53 -0.77	32.16 1.17 -0.50
ONONDAGA_REF_OCCRA 23987	28.90 0.08 -0.27	28.64 0.10 0.00	26.23 -0.04 0.00	25.70 -0.08 0.00	26.17 -0.08 0.00	26.01 -0.08 0.00	22.32 0.02 0.00	24.05 -0.02 0.00	28.90 0.04 -0.19	33.64 0.22 -1.35	32.96 0.30 -1.28	36.54 0.38 -1.68	38.16 0.43 -1.84	38.57 0.43 -1.89	40.02 0.46 -2.06	66.18 0.83 -4.93	81.81 1.14 -6.13	102.77 1.15 -5.35	72.96 0.76 -3.84	46.86 0.45 -2.57	50.23 0.46 -3.19	45.57 0.34 -2.67	37.32 0.24 -1.76	31.74 0.12 -1.14
ONONDAGA___COGEN 23986	29.01 0.06 -0.40	28.62 0.09 0.00	26.22 -0.05 0.00	25.70 -0.09 0.00	26.15 -0.09 0.00	26.00 -0.08 0.00	22.31 0.02 0.00	24.04 -0.03 0.00	28.99 0.04 -0.28	34.29 0.21 -2.00	33.57 0.30 -1.90	37.35 0.39 -2.49	39.04 0.43 -2.73	39.46 0.41 -2.80	41.01 0.44 -3.07	68.53 0.80 -7.32	84.71 1.07 -9.10	105.26 1.05 -7.95	74.78 0.71 -5.70	48.09 0.44 -3.82	51.79 0.48 -4.73	46.85 0.33 -3.97	38.14 0.21 -2.61	32.29 0.11 -1.70
ONTARIO___LFGE 23819	29.37 0.69 -0.13	29.14 0.60 0.00	26.54 0.27 0.00	25.95 0.16 0.00	26.41 0.17 0.00	26.28 0.20 0.00	22.63 0.33 0.00	24.40 0.33 0.00	29.26 0.50 -0.09	33.65 0.91 -0.66	33.09 1.09 -0.63	36.61 1.31 -0.83	38.09 1.30 -0.90	38.24 1.06 -0.93	39.68 1.17 -1.02	65.00 2.15 -2.43	80.39 2.83 -3.02	101.30 2.40 -2.64	72.26 2.00 -1.89	46.40 1.30 -1.27	49.50 1.35 -1.57	44.90 1.03 -1.31	36.95 0.76 -0.87	31.63 0.58 -0.56
ORANGEVILLE_WT_PWR 323706	28.93 0.38 0.00	28.72 0.19 0.00	26.03 -0.25 0.00	25.40 -0.39 0.00	25.80 -0.44 0.00	25.69 -0.40 0.00	22.10 -0.19 0.00	23.73 -0.34 0.00	28.43 -0.24 0.00	32.32 0.25 0.00	31.96 0.58 0.00	35.36 0.88 0.00	36.69 0.81 0.00	36.62 0.37 0.00	37.82 0.32 0.00	60.97 0.55 0.00	75.51 0.97 0.00	95.23 -1.03 0.00	67.30 -1.08 0.00	43.26 -0.58 0.00	45.99 -0.60 0.00	41.95 -0.60 0.00	34.94 -0.38 0.00	30.36 -0.13 0.00
ORANGEVILLE___ESR 323794	28.93 0.38 0.00	28.72 0.19 0.00	26.03 -0.25 0.00	25.40 -0.39 0.00	25.80 -0.44 0.00	25.69 -0.40 0.00	22.10 -0.19 0.00	23.73 -0.34 0.00	28.43 -0.24 0.00	32.32 0.25 0.00	31.96 0.58 0.00	35.36 0.88 0.00	36.69 0.81 0.00	36.62 0.37 0.00	37.82 0.32 0.00	60.97 0.55 0.00	75.51 0.97 0.00	95.23 -1.03 0.00	67.30 -1.08 0.00	43.26 -0.58 0.00	45.99 -0.60 0.00	41.95 -0.60 0.00	34.94 -0.38 0.00	30.36 -0.13 0.00
OSWEGATCHIE___HYD 24044	28.02 -0.66 -0.13	27.93 -0.60 0.00	25.76 -0.51 0.00	25.33 -0.46 0.00	25.82 -0.43 0.00	25.70 -0.38 0.00	21.89 -0.40 0.00	23.72 -0.35 0.00	28.34 -0.42 -0.09	32.30 -0.44 -0.66	31.69 -0.31 -0.63	34.87 -0.43 -0.83	36.26 -0.53 -0.90	36.85 -0.33 -0.93	38.08 -0.43 -1.02	62.21 -0.64 -2.42	76.75 -0.81 -3.02	98.78 -0.12 -2.63	70.36 0.10 -1.89	45.31 0.21 -1.27	48.53 0.37 -1.57	44.35 0.48 -1.31	36.46 0.27 -0.87	31.12 0.07 -0.56
OSWEGO___5 23606	29.70 -0.50 -1.65	28.08 -0.45 0.00	25.76 -0.52 0.00	25.26 -0.53 0.00	25.70 -0.55 0.00	25.55 -0.53 0.00	21.89 -0.40 0.00	23.57 -0.50 0.00	29.28 -0.56 -1.17	39.96 -0.50 -8.39	38.89 -0.42 -7.93	44.48 -0.41 -10.42	46.89 -0.42 -11.43	47.51 -0.47 -11.73	49.84 -0.51 -12.84	90.28 -0.77 -30.63	111.73 -0.91 -38.09	128.09 -1.44 -33.27	91.18 -1.04 -23.85	59.13 -0.68 -15.98	65.70 -0.69 -19.81	58.48 -0.67 -16.60	45.69 -0.58 -10.94	37.04 -0.55 -7.10
OSWEGO___6 23613	29.70 -0.50 -1.65	28.08 -0.45 0.00	25.76 -0.52 0.00	25.26 -0.53 0.00	25.70 -0.55 0.00	25.55 -0.53 0.00	21.89 -0.40 0.00	23.57 -0.50 0.00	29.28 -0.56 -1.17	39.96 -0.50 -8.39	38.89 -0.42 -7.93	44.48 -0.41 -10.42	46.89 -0.42 -11.43	47.51 -0.47 -11.73	49.84 -0.51 -12.84	90.28 -0.77 -30.63	111.73 -0.91 -38.09	128.09 -1.44 -33.27	91.18 -1.04 -23.85	59.13 -0.68 -15.98	65.70 -0.69 -19.81	58.48 -0.67 -16.60	45.69 -0.58 -10.94	37.04 -0.55 -7.10

OUTOKUMPU-AB___DRP 24206	28.79 0.24 0.00	28.53 -0.01 0.00	25.79 -0.49 0.00	25.14 -0.65 0.00	25.50 -0.74 0.00	25.40 -0.68 0.00	21.81 -0.48 0.00	23.36 -0.71 0.00	28.05 -0.62 0.00	31.96 -0.12 0.00	31.81 0.43 0.00	35.17 0.69 0.00	36.43 0.55 0.00	36.22 -0.03 0.00	37.41 -0.09 0.00	60.15 -0.28 -0.01	74.48 -0.10 -0.04	93.69 -2.61 -0.04	66.09 -2.32 -0.04	42.47 -1.37 -0.01	45.10 -1.48 0.00	41.24 -1.31 0.00	34.33 -0.99 0.00	29.98 -0.50 0.00
OXBOW___BTM 323836	28.52 -0.03 0.00	28.26 -0.27 0.00	25.55 -0.72 0.00	24.92 -0.87 0.00	25.27 -0.98 0.00	25.18 -0.91 0.00	21.60 -0.69 0.00	23.12 -0.95 0.00	27.76 -0.91 0.00	31.61 -0.47 0.00	31.47 0.09 0.00	34.78 0.30 0.00	35.99 0.11 0.00	35.76 -0.49 0.00	36.91 -0.58 0.00	59.23 -1.20 -0.01	73.34 -1.24 -0.04	92.23 -4.07 -0.04	65.07 -3.34 -0.04	41.83 -2.01 -0.01	44.46 -2.12 0.00	40.72 -1.83 0.00	33.93 -1.40 0.00	29.64 -0.84 0.00
OXBOW___ 24026	28.52 -0.03 0.00	28.26 -0.27 0.00	25.55 -0.72 0.00	24.92 -0.87 0.00	25.27 -0.98 0.00	25.18 -0.91 0.00	21.60 -0.69 0.00	23.12 -0.95 0.00	27.75 -0.91 0.00	31.61 -0.47 0.00	31.46 0.08 0.00	34.76 0.28 0.00	35.98 0.10 0.00	35.74 -0.51 0.00	36.91 -0.58 0.00	59.23 -1.20 -0.01	73.29 -1.29 -0.04	92.23 -4.08 -0.04	65.07 -3.34 -0.04	41.83 -2.01 -0.01	44.45 -2.13 0.00	40.70 -1.86 0.00	33.91 -1.42 0.00	29.64 -0.85 0.00
OXY_CHEM_DSASP 323612	28.11 -0.44 0.00	27.87 -0.67 0.00	25.20 -1.08 0.00	24.58 -1.21 0.00	24.93 -1.32 0.00	24.83 -1.25 0.00	21.29 -1.00 0.00	22.76 -1.31 0.00	27.31 -1.35 0.00	31.07 -1.00 0.00	30.91 -0.47 0.00	34.12 -0.36 0.00	35.27 -0.61 0.00	35.00 -1.25 0.00	36.10 -1.40 0.00	57.80 -2.62 0.01	71.45 -3.06 0.04	89.97 -6.26 0.04	63.49 -4.84 0.04	40.87 -2.95 0.01	43.49 -3.10 0.00	39.89 -2.67 0.00	33.29 -2.04 0.00	29.12 -1.36 0.00
OZONE_PARK_ESR 323760	30.71 2.16 0.00	30.54 2.00 0.00	27.90 1.62 0.00	27.26 1.47 0.00	27.72 1.47 0.00	27.58 1.50 0.00	23.94 1.65 0.00	26.09 2.01 0.00	33.25 2.47 -2.12	38.56 2.85 -3.64	47.09 2.89 -12.83	38.42 3.25 -0.69	39.99 3.63 -0.48	40.41 3.83 -0.33	41.89 4.00 -0.38	66.93 6.51 0.00	82.65 8.11 0.00	106.53 10.27 0.00	122.50 7.12 -47.01	65.00 4.05 -17.11	50.66 4.07 0.00	46.34 3.79 0.00	39.51 3.19 -1.00	33.16 2.68 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.11 -0.44 0.00	27.87 -0.67 0.00	25.20 -1.08 0.00	24.58 -1.21 0.00	24.93 -1.32 0.00	24.83 -1.25 0.00	21.29 -1.00 0.00	22.76 -1.31 0.00	27.31 -1.35 0.00	31.07 -1.00 0.00	30.91 -0.47 0.00	34.12 -0.36 0.00	35.27 -0.61 0.00	35.00 -1.25 0.00	36.10 -1.40 0.00	57.80 -2.62 0.01	71.45 -3.06 0.04	89.97 -6.26 0.04	63.49 -4.84 0.04	40.87 -2.95 0.01	43.49 -3.10 0.00	39.89 -2.67 0.00	33.29 -2.04 0.00	29.12 -1.36 0.00
PACKARD___115KV_DUPONT_184 80571	28.11 -0.44 0.00	27.87 -0.67 0.00	25.20 -1.08 0.00	24.58 -1.21 0.00	24.93 -1.32 0.00	24.83 -1.25 0.00	21.29 -1.00 0.00	22.76 -1.31 0.00	27.31 -1.35 0.00	31.07 -1.00 0.00	30.91 -0.47 0.00	34.12 -0.36 0.00	35.27 -0.61 0.00	35.00 -1.25 0.00	36.10 -1.40 0.00	57.80 -2.62 0.01	71.45 -3.06 0.04	89.97 -6.26 0.04	63.49 -4.84 0.04	40.87 -2.95 0.01	43.49 -3.10 0.00	39.89 -2.67 0.00	33.29 -2.04 0.00	29.12 -1.36 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.30 1.75 0.00	30.17 1.64 0.00	27.58 1.31 0.00	26.94 1.16 0.00	27.39 1.15 0.00	27.28 1.19 0.00	23.71 1.41 0.00	25.71 1.64 0.00	32.76 1.98 -2.12	37.92 2.21 -3.64	46.43 2.23 -12.82	37.64 2.47 -0.69	39.19 2.82 -0.48	39.56 2.98 -0.33	41.02 3.14 -0.38	65.52 5.10 0.00	80.90 6.36 0.00	104.44 8.17 0.00	121.05 5.68 -47.00	64.20 3.26 -17.11	49.82 3.23 0.00	45.53 2.98 0.00	38.84 2.51 -1.00	32.55 2.06 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.46 1.91 0.00	30.33 1.80 0.00	27.73 1.46 0.00	27.11 1.32 0.00	27.59 1.35 0.00	27.48 1.40 0.00	23.86 1.57 0.00	25.89 1.82 0.00	32.96 2.18 -2.12	38.10 2.39 -3.64	46.67 2.47 -12.82	37.91 2.74 -0.69	39.44 3.07 -0.48	39.81 3.23 -0.33	41.34 3.46 -0.38	66.13 5.71 0.00	81.46 6.91 0.00	105.12 8.86 0.00	121.58 6.21 -47.00	64.53 3.58 -17.11	50.18 3.60 0.00	45.84 3.29 0.00	39.07 2.74 -1.00	32.75 2.27 0.00
PATROON___115KV_TB1 80586	29.22 0.66 0.00	29.17 0.64 0.00	26.80 0.53 0.00	26.31 0.53 0.00	26.80 0.55 0.00	26.61 0.53 0.00	22.96 0.66 0.00	24.83 0.76 0.00	29.81 0.79 -0.35	33.48 0.81 -0.59	34.24 0.77 -2.09	34.68 0.82 0.62	36.35 0.90 0.43	36.98 1.02 0.29	38.20 1.04 0.34	62.07 1.65 0.00	76.34 1.80 0.00	99.00 2.74 0.00	79.04 2.03 -8.64	46.14 1.36 -0.94	47.98 1.40 0.00	43.73 1.18 0.00	36.29 0.97 0.00	31.31 0.82 0.00
PATTRSNVILLE___SOLAR 323815	29.81 1.26 0.00	29.73 1.19 0.00	27.27 1.00 0.00	26.77 0.98 0.00	27.25 1.00 0.00	27.08 1.00 0.00	23.24 0.95 0.00	25.11 1.04 0.00	30.14 1.18 -0.29	33.88 1.30 -0.51	34.40 1.24 -1.78	35.37 1.39 0.50	37.03 1.49 0.35	37.58 1.57 0.24	38.65 1.43 0.28	62.77 2.35 0.00	77.73 3.19 0.00	100.82 4.55 0.00	78.90 3.23 -7.29	46.93 2.31 -0.80	49.11 2.52 0.00	44.80 2.25 0.00	37.13 1.81 0.00	31.97 1.48 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.99 0.44 0.00	28.75 0.22 0.00	25.99 -0.28 0.00	25.35 -0.44 0.00	25.74 -0.51 0.00	25.63 -0.46 0.00	22.05 -0.25 0.00	23.66 -0.41 0.00	28.39 -0.28 0.00	32.36 0.29 0.00	32.09 0.72 0.00	35.56 1.08 0.00	36.90 1.02 0.00	36.81 0.56 0.00	38.02 0.52 0.00	61.36 0.94 0.00	75.94 1.39 -0.01	95.47 -0.80 -0.01	67.35 -1.03 -0.01	43.26 -0.57 0.00	45.93 -0.66 0.00	41.89 -0.66 0.00	34.86 -0.46 0.00	30.31 -0.17 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.39 1.84 0.00	30.23 1.70 0.00	27.64 1.36 0.00	27.04 1.25 0.00	27.48 1.24 0.00	27.34 1.26 0.00	23.69 1.40 0.00	25.79 1.72 0.00	31.47 2.11 -0.69	35.70 2.43 -1.19	38.03 2.46 -4.20	37.86 2.78 -0.60	39.42 3.12 -0.42	39.88 3.35 -0.29	41.34 3.51 -0.33	66.14 5.72 0.00	81.74 7.19 0.00	105.56 9.29 0.00	97.41 6.48 -22.56	54.32 3.76 -6.73	50.37 3.78 0.00	45.94 3.39 0.00	38.45 2.76 -0.36	32.75 2.26 0.00
PEEKSKILL___ 23653	30.07 1.52 0.00	29.94 1.40 0.00	27.38 1.10 0.00	26.77 0.99 0.00	27.22 0.97 0.00	27.07 0.99 0.00	23.47 1.18 0.00	25.54 1.47 0.00	32.94 1.79 -2.48	38.36 2.02 -4.27	48.45 2.02 -15.05	37.42 2.26 -0.68	38.91 2.55 -0.47	39.32 2.74 -0.32	40.74 2.87 -0.38	65.04 4.62 0.00	80.34 5.80 0.00	103.73 7.47 0.00	168.94 5.17 -95.40	163.93 2.95 -117.15	49.53 2.95 0.00	45.27 2.71 0.00	46.52 2.25 -8.95	32.35 1.86 0.00
PGE MADISON___WINDPWR 24146	31.25 2.55 -0.15	30.96 2.42 0.00	28.22 1.95 0.00	27.65 1.87 0.00	28.15 1.90 0.00	28.04 1.95 0.00	24.16 1.86 0.00	26.16 2.09 0.00	31.30 2.52 -0.11	35.97 3.12 -0.78	35.25 3.14 -0.73	38.86 3.41 -0.97	40.52 3.57 -1.06	40.96 3.63 -1.09	42.55 3.86 -1.19	69.56 6.30 -2.84	86.11 8.04 -3.53	109.11 9.76 -3.09	77.93 7.35 -2.21	50.21 4.90 -1.48	53.72 5.30 -1.84	48.77 4.68 -1.54	40.03 3.69 -1.01	34.03 2.89 -0.66

PIERCEFIELD___HYD 23852	27.52 -1.09 -0.07	27.42 -1.11 0.00	25.36 -0.91 0.00	24.95 -0.84 0.00	25.41 -0.84 0.00	25.29 -0.79 0.00	21.40 -0.89 0.00	23.15 -0.92 0.00	27.59 -1.12 -0.05	30.98 -1.43 -0.33	30.44 -1.25 -0.32	33.47 -1.42 -0.42	34.67 -1.67 -0.46	35.03 -1.69 -0.47	36.35 -1.66 -0.51	59.09 -2.56 -1.22	72.99 -3.08 -1.52	94.25 -3.35 -1.33	67.04 -2.29 -0.95	43.17 -1.30 -0.64	46.05 -1.32 -0.79	42.12 -1.10 -0.66	34.82 -0.94 -0.44	29.98 -0.79 -0.28
PINELAWN_CC_1 323563	32.54 2.32 -1.66	30.66 2.13 0.00	30.48 1.81 -2.41	30.53 1.68 -3.06	32.25 1.68 -4.33	27.72 1.64 0.00	24.04 1.75 0.00	26.13 2.06 0.00	33.30 2.45 -2.18	38.16 2.41 -3.67	46.66 2.35 -12.94	37.58 2.44 -0.66	39.38 3.01 -0.49	39.75 3.17 -0.33	53.60 3.31 -12.79	65.22 4.80 0.00	88.96 6.28 -8.13	110.68 7.84 -6.58	121.20 5.45 -47.38	64.41 3.34 -17.24	50.14 3.47 -0.09	46.30 3.33 -0.42	39.43 3.09 -1.02	35.01 2.67 -1.85
PJM_GEN_HTTP_PROXY 323702	30.31 1.76 0.00	30.14 1.61 0.00	27.55 1.28 0.00	26.94 1.15 0.00	27.38 1.13 0.00	27.24 1.16 0.00	23.65 1.36 0.00	25.76 1.69 0.00	32.86 2.07 -2.12	38.00 2.36 -3.57	46.59 2.38 -12.83	37.83 2.66 -0.69	39.08 3.01 -0.19	39.77 3.19 -0.33	41.23 3.35 -0.38	65.83 5.41 0.00	81.28 6.73 0.00	104.73 8.47 0.00	121.32 5.93 -47.01	64.29 3.34 -17.12	49.91 3.33 0.00	45.64 3.08 0.00	38.92 2.59 -1.00	32.67 2.18 0.00
PJM_GEN_KEystone 24065	29.19 0.64 0.00	29.04 0.51 0.00	26.44 0.17 0.00	25.25 0.05 0.59	20.24 0.03 6.03	26.14 0.06 0.00	22.64 0.34 0.00	24.49 0.42 0.00	25.86 0.55 3.36	27.11 0.86 5.83	11.97 0.93 20.33	36.04 1.20 -0.36	37.18 1.34 0.04	37.71 1.28 -0.17	38.99 1.29 -0.20	62.57 2.14 0.00	77.29 2.74 0.00	98.67 2.41 0.00	21.52 1.46 48.31	31.17 0.78 13.43	47.36 0.78 0.00	43.26 0.70 0.00	35.27 0.63 0.68	31.02 0.54 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.42 1.94 -0.93	30.31 1.78 0.00	29.26 1.47 -1.52	28.78 1.35 -1.63	29.90 1.35 -2.31	27.41 1.33 0.00	23.76 1.46 0.00	25.84 1.77 0.00	33.00 2.16 -2.17	38.04 2.36 -3.60	46.66 2.34 -12.94	37.74 2.57 -0.69	39.11 3.04 -0.19	39.83 3.24 -0.33	47.81 3.38 -6.94	65.43 5.01 0.00	80.96 6.42 0.00	104.26 7.99 0.00	121.12 5.54 -47.21	64.38 3.31 -17.24	49.97 3.32 -0.07	45.94 3.06 -0.32	38.96 2.62 -1.01	33.89 2.26 -1.15
PJM_GEN_VFT_PROXY 323633	30.19 1.64 0.00	30.04 1.51 0.00	27.46 1.18 0.00	26.83 1.04 0.00	27.28 1.03 0.00	27.14 1.06 0.00	23.57 1.27 0.00	25.65 1.59 0.00	32.74 1.95 -2.12	37.88 2.24 -3.57	46.45 2.25 -12.83	37.68 2.51 -0.69	38.84 2.83 -0.12	39.63 3.04 -0.33	41.06 3.17 -0.38	65.60 5.17 0.00	80.97 6.42 0.00	104.42 8.15 0.00	121.03 5.65 -47.01	64.08 3.13 -17.11	49.70 3.11 0.00	45.49 2.94 0.00	38.83 2.50 -1.00	32.61 2.12 0.00
PLATSBURG_115KV_PMLD1 355749	28.89 0.34 0.00	28.86 0.32 0.00	26.46 0.19 0.00	26.06 0.27 0.00	26.59 0.35 0.00	26.51 0.43 0.00	22.57 0.28 0.00	24.40 0.33 0.00	28.96 0.30 0.00	32.26 0.19 0.00	31.64 0.27 0.00	34.77 0.30 0.00	36.05 0.16 0.00	36.39 0.13 0.00	37.50 0.00 0.00	60.84 0.42 0.00	75.24 0.69 0.00	97.50 1.24 0.00	69.26 0.89 0.00	44.50 0.67 0.00	47.32 0.73 0.00	43.11 0.56 0.00	35.78 0.45 0.00	30.87 0.38 0.00
PLEASANTVLY___LBMP 24000	29.84 1.29 0.00	29.72 1.19 0.00	27.20 0.93 0.00	26.63 0.84 0.00	27.08 0.83 0.00	26.93 0.85 0.00	23.32 1.03 0.00	25.34 1.27 0.00	31.08 1.52 -0.90	35.31 1.70 -1.55	38.51 1.68 -5.45	37.13 1.87 -0.79	38.55 2.12 -0.55	38.91 2.29 -0.38	40.31 2.37 -0.44	64.24 3.82 0.00	79.25 4.71 0.00	102.50 6.23 0.00	102.26 4.38 -29.52	55.19 2.52 -8.84	49.12 2.53 0.00	44.86 2.31 0.00	37.71 1.91 -0.47	32.05 1.57 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.16 1.61 0.00	30.02 1.49 0.00	27.46 1.19 0.00	26.86 1.07 0.00	27.30 1.06 0.00	27.16 1.08 0.00	23.55 1.25 0.00	25.62 1.55 0.00	32.17 1.88 -1.63	36.99 2.12 -2.80	43.38 2.14 -9.86	37.58 2.40 -0.70	39.10 2.72 -0.49	39.48 2.90 -0.34	40.93 3.04 -0.39	65.30 4.88 0.00	80.67 6.13 0.00	104.20 7.93 0.00	115.73 5.50 -41.86	60.86 3.15 -13.88	49.75 3.17 0.00	45.43 2.88 0.00	38.50 2.39 -0.78	32.47 1.98 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.16 1.61 0.00	30.02 1.49 0.00	27.46 1.19 0.00	26.86 1.07 0.00	27.30 1.06 0.00	27.16 1.08 0.00	23.55 1.25 0.00	25.62 1.55 0.00	32.17 1.88 -1.63	36.99 2.12 -2.80	43.38 2.14 -9.86	37.58 2.40 -0.70	39.10 2.72 -0.49	39.48 2.90 -0.34	40.93 3.04 -0.39	65.30 4.88 0.00	80.67 6.13 0.00	104.20 7.93 0.00	115.73 5.50 -41.86	60.86 3.15 -13.88	49.75 3.17 0.00	45.43 2.88 0.00	38.50 2.39 -0.78	32.47 1.98 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.13 1.58 0.00	29.97 1.44 0.00	27.42 1.14 0.00	26.83 1.05 0.00	27.29 1.04 0.00	27.14 1.06 0.00	23.51 1.21 0.00	25.56 1.49 0.00	30.86 1.80 -0.39	34.81 2.06 -0.68	35.82 2.06 -2.38	36.80 2.33 0.00	38.50 2.62 0.00	39.09 2.84 0.00	40.47 2.97 0.00	65.31 4.89 0.00	80.61 6.07 0.00	104.18 7.91 0.00	87.07 5.53 -13.17	48.48 3.21 -1.44	49.83 3.25 0.00	45.48 2.92 0.00	37.71 2.38 0.00	32.42 1.94 0.00
POLETTI____ 23519	30.28 1.73 0.00	30.13 1.59 0.00	27.54 1.26 0.00	26.92 1.13 0.00	27.36 1.12 0.00	27.23 1.15 0.00	23.65 1.36 0.00	25.74 1.67 0.00	32.84 2.06 -2.12	38.05 2.34 -3.64	46.58 2.38 -12.83	37.82 2.65 -0.69	39.36 3.00 -0.48	39.76 3.18 -0.33	41.21 3.33 -0.38	65.82 5.39 0.00	81.28 6.74 0.00	104.80 8.53 0.00	121.30 5.92 -47.01	64.24 3.30 -17.11	49.87 3.28 0.00	45.60 3.05 0.00	38.91 2.59 -1.00	32.67 2.18 0.00
POMONA___ESR 323819	30.08 1.54 0.00	29.95 1.41 0.00	27.38 1.11 0.00	26.77 0.98 0.00	27.21 0.96 0.00	27.07 0.98 0.00	23.46 1.17 0.00	25.53 1.46 0.00	27.30 1.79 3.15	28.69 2.02 5.41	14.32 2.02 19.07	37.34 2.23 -0.63	38.82 2.50 -0.44	39.25 2.69 -0.30	40.67 2.82 -0.35	65.00 4.58 0.00	80.34 5.80 0.00	103.72 7.45 0.00	14.40 5.12 59.09	22.44 2.91 24.29	49.48 2.90 0.00	45.23 2.67 0.00	36.00 2.17 1.50	32.27 1.79 0.00
PORT_JEFF_3 23555	32.52 2.31 -1.66	30.69 2.15 0.00	30.53 1.85 -2.41	30.58 1.73 -3.06	32.28 1.71 -4.33	27.75 1.67 0.00	24.07 1.78 0.00	26.16 2.09 0.00	33.41 2.57 -2.18	38.45 2.71 -3.67	46.83 2.51 -12.94	37.78 2.68 -0.62	39.63 3.26 -0.49	40.13 3.54 -0.33	56.44 3.65 -15.29	65.65 5.23 0.00	136.51 6.79 -55.18	125.06 8.27 -20.52	124.58 5.75 -50.46	64.65 3.58 -17.24	50.24 3.57 -0.09	46.21 3.23 -0.42	39.21 2.87 -1.01	34.91 2.57 -1.85
PORT_JEFF_4 23616	32.52 2.31 -1.66	30.69 2.15 0.00	30.53 1.85 -2.41	30.58 1.73 -3.06	32.28 1.71 -4.33	27.75 1.67 0.00	24.07 1.78 0.00	26.16 2.09 0.00	33.41 2.57 -2.18	38.45 2.71 -3.67	46.83 2.51 -12.94	37.78 2.68 -0.62	39.63 3.26 -0.49	40.13 3.54 -0.33	56.44 3.65 -15.29	65.65 5.23 0.00	136.51 6.79 -55.18	125.06 8.27 -20.52	124.58 5.75 -50.46	64.65 3.58 -17.24	50.24 3.57 -0.09	46.21 3.23 -0.42	39.21 2.87 -1.01	34.91 2.57 -1.85

PORT_JEFF_IC 23713	32.57 2.37 -1.65	30.73 2.20 0.00	30.57 1.89 -2.40	30.62 1.77 -3.06	32.32 1.75 -4.33	27.79 1.70 0.00	24.10 1.80 0.00	26.20 2.13 0.00	33.46 2.61 -2.18	38.52 2.77 -3.67	46.94 2.62 -12.94	37.88 2.81 -0.60	39.81 3.44 -0.48	40.33 3.75 -0.33	57.50 3.83 -16.18	65.79 5.37 0.00	154.24 7.00 -72.70	131.31 8.52 -26.52	125.80 5.90 -51.53	64.74 3.67 -17.24	50.31 3.64 -0.09	46.31 3.33 -0.42	39.35 3.01 -1.01	35.00 2.67 -1.85
PPL PILGRIM_ST_GT1 24216	32.68 2.47 -1.66	30.82 2.29 0.00	30.66 1.99 -2.41	30.71 1.87 -3.06	32.43 1.85 -4.33	27.88 1.80 0.00	24.17 1.88 0.00	26.26 2.20 0.00	33.52 2.67 -2.18	38.58 2.84 -3.67	47.06 2.75 -12.94	37.98 2.90 -0.60	39.80 3.43 -0.49	40.29 3.71 -0.33	54.46 3.86 -13.10	65.75 5.33 0.00	92.86 6.98 -11.34	111.16 8.63 -6.26	122.08 5.96 -47.76	64.81 3.74 -17.24	50.49 3.81 -0.09	46.58 3.61 -0.42	39.48 3.14 -1.02	35.12 2.78 -1.85
PPL PILGRIM_ST_GT2 24217	32.68 2.47 -1.66	30.82 2.29 0.00	30.66 1.99 -2.41	30.71 1.87 -3.06	32.43 1.85 -4.33	27.88 1.80 0.00	24.17 1.88 0.00	26.26 2.20 0.00	33.52 2.67 -2.18	38.58 2.84 -3.67	47.06 2.75 -12.94	37.98 2.90 -0.60	39.80 3.43 -0.49	40.29 3.71 -0.33	54.46 3.86 -13.10	65.75 5.33 0.00	92.86 6.98 -11.34	111.16 8.63 -6.26	122.08 5.96 -47.76	64.81 3.74 -17.24	50.49 3.81 -0.09	46.58 3.61 -0.42	39.48 3.14 -1.02	35.12 2.78 -1.85
PPL_SHRM_GT3 24213	32.44 2.23 -1.66	30.56 2.03 0.00	30.42 1.74 -2.41	30.47 1.62 -3.06	32.16 1.59 -4.33	27.63 1.54 0.00	23.96 1.67 0.00	26.07 1.99 0.00	33.32 2.47 -2.18	38.38 2.64 -3.67	46.79 2.47 -12.94	37.79 2.70 -0.61	39.72 3.36 -0.49	40.27 3.69 -0.33	56.82 3.86 -15.46	66.16 5.73 0.00	140.65 7.55 -58.56	126.94 8.98 -21.70	125.15 6.12 -50.66	65.04 3.97 -17.24	50.70 4.03 -0.09	46.53 3.56 -0.42	39.37 3.03 -1.01	34.99 2.66 -1.85
PPL_SHRM_GT4 24214	32.44 2.23 -1.66	30.56 2.03 0.00	30.42 1.74 -2.41	30.47 1.62 -3.06	32.16 1.59 -4.33	27.63 1.54 0.00	23.96 1.67 0.00	26.07 1.99 0.00	33.32 2.47 -2.18	38.38 2.64 -3.67	46.79 2.47 -12.94	37.79 2.70 -0.61	39.72 3.36 -0.49	40.27 3.69 -0.33	56.82 3.86 -15.46	66.16 5.73 0.00	140.65 7.55 -58.56	126.94 8.98 -21.70	125.15 6.12 -50.66	65.04 3.97 -17.24	50.70 4.03 -0.09	46.53 3.56 -0.42	39.37 3.03 -1.01	34.99 2.66 -1.85
PROJECT___ORANGE 1 24174	28.74 -0.03 -0.21	28.53 0.00 0.00	26.14 -0.14 0.00	25.62 -0.17 0.00	26.07 -0.18 0.00	25.92 -0.17 0.00	22.24 -0.05 0.00	23.96 -0.11 0.00	28.75 -0.06 -0.15	33.27 0.11 -1.09	32.59 0.18 -1.03	36.08 0.24 -1.36	37.65 0.28 -1.49	38.03 0.26 -1.53	39.44 0.28 -1.67	64.92 0.52 -3.98	80.22 0.72 -4.96	101.20 0.61 -4.33	71.86 0.39 -3.10	46.13 0.22 -2.08	49.37 0.20 -2.58	44.83 0.12 -2.16	36.81 0.07 -1.42	31.38 -0.02 -0.92
PROJECT___ORANGE 2 24166	28.74 -0.03 -0.21	28.53 0.00 0.00	26.14 -0.14 0.00	25.62 -0.17 0.00	26.07 -0.18 0.00	25.92 -0.17 0.00	22.24 -0.05 0.00	23.96 -0.11 0.00	28.75 -0.06 -0.15	33.27 0.11 -1.09	32.59 0.18 -1.03	36.08 0.24 -1.36	37.65 0.28 -1.49	38.03 0.26 -1.53	39.44 0.28 -1.67	64.92 0.52 -3.98	80.22 0.72 -4.96	101.20 0.61 -4.33	71.86 0.39 -3.10	46.13 0.22 -2.08	49.37 0.20 -2.58	44.83 0.12 -2.16	36.81 0.07 -1.42	31.38 -0.02 -0.92
PUCKETT___SOLAR 323809	29.62 0.92 -0.14	29.39 0.85 0.00	26.82 0.55 0.00	26.28 0.49 0.00	26.76 0.51 0.00	26.61 0.53 0.00	22.93 0.63 0.00	24.76 0.69 0.00	29.58 0.81 -0.10	33.94 1.16 -0.71	33.21 1.16 -0.68	36.70 1.33 -0.89	38.30 1.44 -0.97	38.71 1.46 -1.00	40.06 1.47 -1.09	65.52 2.49 -2.61	80.94 3.15 -3.24	102.53 3.42 -2.83	72.77 2.37 -2.03	46.82 1.63 -1.36	50.10 1.83 -1.69	45.53 1.56 -1.41	37.52 1.26 -0.93	32.04 0.95 -0.61
PYRITES___HYD 24023	28.23 -0.38 -0.06	28.10 -0.43 0.00	26.00 -0.28 0.00	25.57 -0.22 0.00	26.02 -0.22 0.00	25.91 -0.17 0.00	21.91 -0.38 0.00	23.68 -0.39 0.00	28.15 -0.56 -0.04	31.33 -1.05 -0.31	30.71 -0.95 -0.29	33.79 -1.07 -0.38	34.92 -1.38 -0.42	35.27 -1.41 -0.43	36.71 -1.26 -0.47	59.91 -1.63 -1.12	73.71 -2.23 -1.40	95.79 -1.70 -1.22	68.23 -1.01 -0.87	44.16 -0.25 -0.58	47.15 -0.16 -0.73	43.13 -0.03 -0.61	35.64 -0.08 -0.40	30.67 -0.07 -0.26
QUAKERRD_115KV_BK1 80622	28.26 -0.29 0.00	28.13 -0.40 0.00	25.62 -0.65 0.00	25.04 -0.75 0.00	25.44 -0.80 0.00	25.32 -0.76 0.00	21.72 -0.57 0.00	23.37 -0.70 0.00	28.01 -0.66 0.00	31.69 -0.39 0.00	31.28 -0.10 0.00	34.53 0.05 0.00	35.87 -0.01 0.00	35.97 -0.28 0.00	37.25 -0.24 0.00	60.11 -0.31 0.00	74.40 -0.15 0.00	94.89 -1.38 0.00	67.16 -1.22 0.00	43.01 -0.82 0.00	45.64 -0.95 0.00	41.61 -0.95 0.00	34.51 -0.81 0.00	29.84 -0.64 0.00
QUENSBRY_115KV_TB8 356137	30.56 2.01 0.00	30.37 1.83 0.00	27.81 1.54 0.00	27.33 1.54 0.00	27.81 1.56 0.00	27.65 1.56 0.00	23.79 1.49 0.00	25.79 1.72 0.00	30.79 1.80 -0.32	34.70 2.07 -0.56	35.13 1.79 -1.97	35.92 2.10 0.66	37.72 2.29 0.46	38.13 2.19 0.31	39.29 2.16 0.36	64.27 3.85 0.00	79.40 4.86 0.00	103.70 7.44 0.00	82.14 5.63 -8.14	48.71 3.99 -0.89	50.93 4.34 0.00	46.19 3.63 0.00	38.22 2.90 0.00	32.87 2.38 0.00
RAMAPO___LBMP 323565	29.93 1.38 0.00	29.80 1.27 0.00	27.26 0.98 0.00	26.65 0.87 0.00	27.09 0.84 0.00	26.95 0.86 0.00	23.36 1.07 0.00	25.40 1.33 0.00	27.27 1.63 3.03	28.72 1.84 5.19	14.89 1.84 18.32	37.16 2.05 -0.63	38.64 2.32 -0.44	39.07 2.52 -0.30	40.47 2.63 -0.35	64.65 4.23 0.00	79.91 5.36 0.00	103.15 6.89 0.00	14.63 4.73 58.47	21.36 2.67 25.14	49.27 2.69 0.00	45.06 2.50 0.00	35.79 2.04 1.57	32.16 1.68 0.00
RANKINE____ 23646	28.97 0.42 0.00	28.73 0.20 0.00	25.97 -0.30 0.00	25.32 -0.47 0.00	25.70 -0.54 0.00	25.60 -0.49 0.00	22.00 -0.29 0.00	23.60 -0.47 0.00	28.31 -0.36 0.00	32.26 0.18 0.00	32.03 0.65 0.00	35.46 0.98 0.00	36.79 0.90 0.00	36.65 0.40 0.00	37.85 0.36 0.00	61.06 0.64 0.00	75.54 0.99 -0.01	95.02 -1.26 -0.01	67.04 -1.34 -0.01	43.06 -0.77 0.00	45.72 -0.86 0.00	41.73 -0.82 0.00	34.73 -0.60 0.00	30.24 -0.24 0.00
RAVENSWOOD_GT2_1 24244	30.34 1.79 0.00	30.19 1.66 0.00	27.59 1.32 0.00	26.97 1.19 0.00	27.42 1.17 0.00	27.29 1.20 0.00	23.68 1.39 0.00	25.79 1.72 0.00	32.89 2.11 -2.12	38.11 2.40 -3.64	46.61 2.42 -12.82	37.87 2.70 -0.69	39.41 3.04 -0.48	39.81 3.23 -0.33	41.26 3.37 -0.38	65.88 5.46 0.00	81.34 6.80 0.00	104.90 8.63 0.00	121.36 5.99 -47.00	64.31 3.37 -17.11	49.95 3.36 0.00	45.68 3.12 0.00	38.96 2.63 -1.00	32.71 2.22 0.00
RAVENSWOOD_GT2_2 24245	30.34 1.79 0.00	30.19 1.66 0.00	27.59 1.32 0.00	26.97 1.19 0.00	27.42 1.17 0.00	27.29 1.20 0.00	23.68 1.39 0.00	25.79 1.72 0.00	32.89 2.11 -2.12	38.11 2.40 -3.64	46.61 2.42 -12.82	37.87 2.70 -0.69	39.41 3.04 -0.48	39.81 3.23 -0.33	41.26 3.37 -0.38	65.88 5.46 0.00	81.34 6.80 0.00	104.90 8.63 0.00	121.36 5.99 -47.00	64.31 3.37 -17.11	49.95 3.36 0.00	45.68 3.12 0.00	38.96 2.63 -1.00	32.71 2.22 0.00



RAVENSWOOD_GT2_3 24246	30.36 1.81 0.00	30.20 1.67 0.00	27.60 1.33 0.00	26.99 1.20 0.00	27.43 1.19 0.00	27.30 1.21 0.00	23.70 1.41 0.00	25.80 1.73 0.00	32.91 2.13 -2.12	38.13 2.42 -3.64	46.64 2.44 -12.82	37.89 2.72 -0.69	39.43 3.07 -0.48	39.83 3.25 -0.33	41.29 3.40 -0.38	65.93 5.51 0.00	81.41 6.86 0.00	104.99 8.72 0.00	121.41 6.04 -47.00	64.34 3.39 -17.11	49.98 3.39 0.00	45.71 3.16 0.00	38.99 2.66 -1.00	32.73 2.24 0.00
RAVENSWOOD_GT2_4 24247	30.36 1.81 0.00	30.20 1.67 0.00	27.60 1.33 0.00	26.99 1.20 0.00	27.43 1.19 0.00	27.30 1.21 0.00	23.70 1.41 0.00	25.80 1.73 0.00	32.91 2.13 -2.12	38.13 2.42 -3.64	46.64 2.44 -12.82	37.89 2.72 -0.69	39.43 3.07 -0.48	39.83 3.25 -0.33	41.29 3.40 -0.38	65.93 5.51 0.00	81.41 6.86 0.00	104.99 8.72 0.00	121.41 6.04 -47.00	64.34 3.39 -17.11	49.98 3.39 0.00	45.71 3.16 0.00	38.99 2.66 -1.00	32.73 2.24 0.00
RAVENSWOOD_GT3_1 24248	30.34 1.79 0.00	30.19 1.66 0.00	27.59 1.32 0.00	26.97 1.19 0.00	27.42 1.17 0.00	27.29 1.21 0.00	23.68 1.39 0.00	25.79 1.72 0.00	32.89 2.11 -2.12	38.11 2.40 -3.64	46.61 2.42 -12.82	37.87 2.70 -0.69	39.41 3.04 -0.48	39.81 3.23 -0.33	41.26 3.38 -0.38	65.89 5.47 0.00	81.34 6.80 0.00	104.90 8.63 0.00	121.37 5.99 -47.00	64.32 3.37 -17.11	49.95 3.36 0.00	45.68 3.13 0.00	38.96 2.63 -1.00	32.71 2.22 0.00
RAVENSWOOD_GT3_2 24249	30.34 1.79 0.00	30.19 1.66 0.00	27.59 1.32 0.00	26.97 1.19 0.00	27.42 1.17 0.00	27.29 1.21 0.00	23.68 1.39 0.00	25.79 1.72 0.00	32.89 2.11 -2.12	38.11 2.40 -3.64	46.61 2.42 -12.82	37.87 2.70 -0.69	39.41 3.04 -0.48	39.81 3.23 -0.33	41.26 3.38 -0.38	65.89 5.47 0.00	81.34 6.80 0.00	104.90 8.63 0.00	121.37 5.99 -47.00	64.32 3.37 -17.11	49.95 3.36 0.00	45.68 3.13 0.00	38.96 2.63 -1.00	32.71 2.22 0.00
RAVENSWOOD_GT3_3 24250	30.40 1.84 0.00	30.24 1.71 0.00	27.64 1.37 0.00	27.02 1.23 0.00	27.46 1.22 0.00	27.33 1.25 0.00	23.73 1.43 0.00	25.83 1.76 0.00	32.95 2.16 -2.12	38.18 2.47 -3.64	46.69 2.50 -12.82	37.95 2.78 -0.69	39.50 3.13 -0.48	39.90 3.32 -0.33	41.36 3.48 -0.38	66.05 5.63 0.00	81.55 7.01 0.00	105.17 8.91 0.00	121.53 6.16 -47.00	64.42 3.48 -17.11	50.05 3.47 0.00	45.77 3.22 0.00	39.04 2.71 -1.00	32.77 2.29 0.00
RAVENSWOOD_GT3_4 24251	30.40 1.84 0.00	30.24 1.71 0.00	27.64 1.37 0.00	27.02 1.23 0.00	27.46 1.22 0.00	27.33 1.25 0.00	23.73 1.43 0.00	25.83 1.76 0.00	32.95 2.16 -2.12	38.18 2.47 -3.64	46.69 2.50 -12.82	37.95 2.78 -0.69	39.50 3.13 -0.48	39.90 3.32 -0.33	41.36 3.48 -0.38	66.05 5.63 0.00	81.55 7.01 0.00	105.17 8.91 0.00	121.53 6.16 -47.00	64.42 3.48 -17.11	50.05 3.47 0.00	45.77 3.22 0.00	39.04 2.71 -1.00	32.77 2.29 0.00
RAVENSWOOD_GT_1 23729	30.40 1.85 0.00	30.25 1.71 0.00	27.64 1.36 0.00	27.01 1.23 0.00	27.45 1.21 0.00	27.33 1.24 0.00	23.74 1.45 0.00	25.84 1.77 0.00	32.96 2.17 -2.12	38.17 2.45 -3.64	46.67 2.47 -12.82	37.88 2.71 -0.69	39.44 3.08 -0.48	39.82 3.24 -0.33	41.29 3.40 -0.38	65.94 5.52 0.00	81.39 6.85 0.00	104.97 8.71 0.00	121.38 6.01 -47.00	64.30 3.36 -17.11	49.93 3.34 0.00	45.68 3.13 0.00	38.97 2.64 -1.00	34.17 2.22 -1.46
RAVENSWOOD_GT_10 24258	30.34 1.79 0.00	30.19 1.66 0.00	27.59 1.32 0.00	26.97 1.19 0.00	27.42 1.18 0.00	27.29 1.21 0.00	23.68 1.39 0.00	25.79 1.72 0.00	32.89 2.11 -2.12	38.11 2.40 -3.64	46.61 2.42 -12.82	37.87 2.70 -0.69	39.41 3.04 -0.48	39.81 3.23 -0.33	41.26 3.38 -0.38	65.89 5.47 0.00	81.35 6.81 0.00	104.91 8.64 0.00	121.37 5.99 -47.00	64.32 3.38 -17.11	49.96 3.37 0.00	45.68 3.13 0.00	38.97 2.64 -1.00	32.88 2.22 -0.17
RAVENSWOOD_GT_11 24259	30.34 1.79 0.00	30.19 1.66 0.00	27.59 1.32 0.00	26.97 1.19 0.00	27.42 1.18 0.00	27.29 1.21 0.00	23.68 1.39 0.00	25.79 1.72 0.00	32.89 2.11 -2.12	38.11 2.40 -3.64	46.61 2.42 -12.82	37.87 2.70 -0.69	39.41 3.04 -0.48	39.81 3.23 -0.33	41.26 3.38 -0.38	65.89 5.47 0.00	81.35 6.81 0.00	104.91 8.64 0.00	121.37 5.99 -47.00	64.32 3.38 -17.11	49.96 3.37 0.00	45.68 3.13 0.00	38.97 2.64 -1.00	32.88 2.22 -0.17
RAVENSWOOD_GT_4 24252	30.34 1.79 0.00	30.19 1.66 0.00	27.59 1.31 0.00	26.97 1.19 0.00	27.42 1.18 0.00	27.29 1.21 0.00	23.68 1.39 0.00	25.78 1.72 0.00	32.88 2.10 -2.12	38.11 2.40 -3.64	46.61 2.42 -12.82	37.87 2.70 -0.69	39.41 3.04 -0.48	39.82 3.24 -0.33	41.26 3.38 -0.38	65.89 5.47 0.00	81.36 6.82 0.00	104.91 8.64 0.00	121.38 6.00 -47.00	64.32 3.38 -17.11	49.96 3.38 0.00	45.70 3.14 0.00	38.97 2.64 -1.00	33.82 2.22 -1.11
RAVENSWOOD_GT_5 24254	30.34 1.79 0.00	30.19 1.66 0.00	27.59 1.31 0.00	26.97 1.19 0.00	27.42 1.18 0.00	27.29 1.21 0.00	23.68 1.39 0.00	25.78 1.72 0.00	32.88 2.10 -2.12	38.11 2.40 -3.64	46.61 2.42 -12.82	37.87 2.70 -0.69	39.41 3.04 -0.48	39.82 3.24 -0.33	41.26 3.38 -0.38	65.89 5.47 0.00	81.36 6.82 0.00	104.91 8.64 0.00	121.38 6.00 -47.00	64.32 3.38 -17.11	49.96 3.38 0.00	45.70 3.14 0.00	38.97 2.64 -1.00	33.82 2.22 -1.11
RAVENSWOOD_GT_6 24253	30.34 1.79 0.00	30.19 1.66 0.00	27.59 1.31 0.00	26.97 1.19 0.00	27.42 1.18 0.00	27.29 1.21 0.00	23.68 1.39 0.00	25.78 1.72 0.00	32.88 2.10 -2.12	38.11 2.40 -3.64	46.61 2.42 -12.82	37.87 2.70 -0.69	39.41 3.04 -0.48	39.82 3.24 -0.33	41.26 3.38 -0.38	65.89 5.47 0.00	81.36 6.82 0.00	104.91 8.64 0.00	121.38 6.00 -47.00	64.32 3.38 -17.11	49.96 3.38 0.00	45.70 3.14 0.00	38.97 2.64 -1.00	33.82 2.22 -1.11
RAVENSWOOD_GT_7 24255	30.34 1.79 0.00	30.19 1.66 0.00	27.59 1.31 0.00	26.97 1.19 0.00	27.42 1.18 0.00	27.29 1.21 0.00	23.68 1.39 0.00	25.78 1.72 0.00	32.88 2.10 -2.12	38.11 2.40 -3.64	46.61 2.42 -12.82	37.87 2.70 -0.69	39.41 3.04 -0.48	39.82 3.24 -0.33	41.26 3.38 -0.38	65.89 5.47 0.00	81.36 6.82 0.00	104.91 8.64 0.00	121.38 6.00 -47.00	64.32 3.38 -17.11	49.96 3.38 0.00	45.70 3.14 0.00	38.97 2.64 -1.00	33.82 2.22 -1.11
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.34 1.79 0.00	30.19 1.66 0.00	27.59 1.32 0.00	26.97 1.19 0.00	27.42 1.18 0.00	27.29 1.21 0.00	23.68 1.39 0.00	25.79 1.72 0.00	32.89 2.11 -2.12	38.11 2.40 -3.64	46.61 2.42 -12.82	37.87 2.70 -0.69	39.41 3.04 -0.48	39.81 3.23 -0.33	41.26 3.38 -0.38	65.89 5.47 0.00	81.35 6.81 0.00	104.91 8.64 0.00	121.37 5.99 -47.00	64.32 3.38 -17.11	49.96 3.37 0.00	45.68 3.13 0.00	38.97 2.64 -1.00	32.88 2.22 -0.17
RAVENSWOOD_GT_9 24257	30.34 1.79 0.00	30.19 1.66 0.00	27.59 1.32 0.00	26.97 1.19 0.00	27.42 1.18 0.00	27.29 1.21 0.00	23.68 1.39 0.00	25.79 1.72 0.00	32.89 2.11 -2.12	38.11 2.40 -3.64	46.61 2.42 -12.82	37.87 2.70 -0.69	39.41 3.04 -0.48	39.81 3.23 -0.33	41.26 3.38 -0.38	65.89 5.47 0.00	81.35 6.81 0.00	104.91 8.64 0.00	121.37 5.99 -47.00	64.32 3.38 -17.11	49.96 3.37 0.00	45.68 3.13 0.00	38.97 2.64 -1.00	32.88 2.22 -0.17

RAVENSWOOD___1 23533	30.38 1.83 0.00	30.22 1.69 0.00	27.62 1.35 0.00	27.00 1.21 0.00	27.44 1.19 0.00	27.32 1.23 0.00	23.73 1.44 0.00	25.83 1.76 0.00	32.94 2.15 -2.12	38.15 2.44 -3.64	46.64 2.44 -12.82	37.87 2.70 -0.69	39.43 3.06 -0.48	39.81 3.23 -0.33	41.28 3.39 -0.38	65.90 5.48 0.00	81.34 6.80 0.00	104.94 8.67 0.00	121.35 5.98 -47.00	64.28 3.34 -17.11	49.91 3.33 0.00	45.66 3.11 0.00	38.95 2.63 -1.00	32.69 2.21 0.00
RAVENSWOOD___2 23534	30.36 1.81 0.00	30.21 1.68 0.00	27.60 1.33 0.00	26.98 1.19 0.00	27.42 1.18 0.00	27.30 1.21 0.00	23.72 1.42 0.00	25.81 1.74 0.00	32.91 2.13 -2.12	38.12 2.41 -3.64	46.62 2.43 -12.82	37.86 2.69 -0.69	39.41 3.04 -0.48	39.80 3.22 -0.33	41.26 3.37 -0.38	65.89 5.47 0.00	81.31 6.76 0.00	104.88 8.61 0.00	121.32 5.94 -47.00	64.27 3.33 -17.11	49.90 3.32 0.00	45.65 3.10 0.00	38.94 2.61 -1.00	31.24 2.19 1.44
RAVENSWOOD___3 23535	30.34 1.79 0.00	30.19 1.66 0.00	27.59 1.32 0.00	26.97 1.19 0.00	27.42 1.18 0.00	27.29 1.21 0.00	23.69 1.39 0.00	25.79 1.72 0.00	32.89 2.11 -2.12	38.11 2.40 -3.64	46.62 2.42 -12.82	37.87 2.70 -0.69	39.41 3.04 -0.48	39.81 3.23 -0.33	41.27 3.38 -0.38	65.89 5.47 0.00	81.35 6.80 0.00	104.91 8.64 0.00	121.36 5.99 -47.00	64.32 3.37 -17.11	49.95 3.36 0.00	45.68 3.13 0.00	38.97 2.64 -1.00	32.71 2.22 0.00
RAVENSWOOD___4 23820	30.36 1.81 0.00	30.21 1.68 0.00	27.60 1.33 0.00	26.98 1.19 0.00	27.42 1.18 0.00	27.30 1.21 0.00	23.72 1.42 0.00	25.81 1.74 0.00	32.91 2.13 -2.12	38.12 2.41 -3.64	46.62 2.43 -12.82	37.86 2.69 -0.69	39.41 3.04 -0.48	39.80 3.22 -0.33	41.26 3.37 -0.38	65.89 5.47 0.00	81.31 6.76 0.00	104.88 8.61 0.00	121.32 5.94 -47.00	64.27 3.33 -17.11	49.90 3.32 0.00	45.65 3.10 0.00	38.94 2.61 -1.00	31.24 2.19 1.44
RCPL_TRUST___DRP 24196	30.34 1.79 0.00	30.18 1.64 0.00	27.58 1.31 0.00	26.97 1.18 0.00	27.40 1.16 0.00	27.27 1.19 0.00	23.68 1.38 0.00	25.79 1.72 0.00	32.91 2.12 -2.12	38.13 2.42 -3.64	46.65 2.44 -12.83	37.89 2.72 -0.69	39.45 3.08 -0.48	39.83 3.25 -0.33	41.29 3.41 -0.38	65.95 5.53 0.00	81.43 6.88 0.00	104.92 8.65 0.00	121.44 6.06 -47.01	64.34 3.39 -17.12	49.97 3.39 0.00	45.70 3.14 0.00	38.97 2.64 -1.00	32.71 2.22 0.00
RED___ROCHESTER 323720	29.17 0.62 0.00	28.99 0.45 0.00	26.34 0.06 0.00	25.71 -0.07 0.00	26.11 -0.13 0.00	25.99 -0.09 0.00	22.30 0.00 0.00	23.98 -0.09 0.00	28.77 0.10 0.00	32.62 0.55 0.00	32.27 0.89 0.00	35.67 1.19 0.00	37.05 1.17 0.00	37.13 0.88 0.00	38.46 0.97 0.00	62.10 1.68 0.00	76.89 2.35 0.00	97.76 1.50 0.00	69.12 0.75 0.00	44.26 0.43 0.00	46.97 0.38 0.00	42.82 0.26 0.00	35.53 0.21 0.00	30.73 0.25 0.00
REGAN___SOLAR 323812	32.19 3.64 0.00	31.96 3.43 0.00	29.21 2.94 0.00	28.62 2.84 0.00	29.12 2.88 0.00	28.97 2.89 0.00	24.74 2.44 0.00	26.70 2.63 0.00	31.71 3.05 0.00	34.79 2.72 0.00	33.91 2.53 0.00	36.54 2.50 0.43	38.77 3.19 0.30	38.87 2.83 0.21	38.15 0.89 0.24	64.02 3.60 0.00	84.28 9.74 0.00	106.06 9.80 0.00	81.32 6.87 -6.08	51.27 6.78 -0.66	54.15 7.57 0.00	49.32 6.77 0.00	40.73 5.41 0.00	34.90 4.42 0.00
RENSSELAER___COGEN 23796	29.01 0.46 0.00	28.97 0.43 0.00	26.61 0.34 0.00	26.13 0.35 0.00	26.61 0.36 0.00	26.43 0.34 0.00	22.79 0.50 0.00	24.65 0.58 0.00	29.58 0.56 -0.35	33.19 0.52 -0.60	33.95 0.45 -2.12	34.30 0.43 0.60	35.95 0.49 0.42	36.56 0.60 0.29	37.78 0.61 0.33	61.39 0.97 0.00	75.48 0.94 0.00	97.94 1.68 0.00	78.39 1.29 -8.73	45.67 0.88 -0.96	47.49 0.91 0.00	43.29 0.73 0.00	35.95 0.63 0.00	31.05 0.57 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.80 4.25 0.00	32.41 3.88 0.00	29.46 3.19 0.00	29.07 3.28 0.00	29.56 3.32 0.00	29.46 3.37 0.00	25.42 3.13 0.00	27.56 3.49 0.00	32.50 3.50 -0.33	36.74 4.10 -0.56	36.95 3.60 -1.97	38.16 4.34 0.67	39.90 4.48 0.46	40.34 4.41 0.32	41.50 4.37 0.37	68.40 7.98 0.00	84.44 9.89 0.00	111.61 15.35 0.00	87.08 10.53 -8.17	52.05 7.33 -0.89	54.54 7.96 0.00	49.21 6.65 0.00	40.69 5.37 0.00	35.11 4.62 0.00
REVERE_CPPR_DRP 24186	29.71 1.05 -0.11	29.56 1.03 0.00	27.11 0.83 0.00	26.59 0.81 0.00	27.09 0.84 0.00	26.92 0.84 0.00	23.10 0.81 0.00	24.98 0.91 0.00	29.87 1.13 -0.08	34.03 1.41 -0.55	33.42 1.53 -0.52	36.88 1.72 -0.68	38.34 1.71 -0.75	38.74 1.71 -0.77	40.06 1.72 -0.84	65.45 3.02 -2.01	80.80 3.75 -2.50	103.63 5.18 -2.18	73.92 3.98 -1.56	47.47 2.60 -1.05	50.68 2.80 -1.30	46.14 2.49 -1.09	37.98 1.93 -0.72	32.43 1.48 -0.47
REYNOLDS_115KV_TB3 80639	29.20 0.65 0.00	29.17 0.64 0.00	26.81 0.53 0.00	26.33 0.54 0.00	26.80 0.56 0.00	26.62 0.54 0.00	22.95 0.66 0.00	24.81 0.74 0.00	29.78 0.75 -0.36	33.43 0.73 -0.62	34.23 0.65 -2.20	34.44 0.68 0.72	36.12 0.74 0.50	36.76 0.85 0.34	37.94 0.84 0.40	61.72 1.30 0.00	75.88 1.34 0.00	98.64 2.37 0.00	79.33 1.79 -9.17	46.06 1.23 -1.00	47.85 1.27 0.00	43.61 1.06 0.00	36.20 0.88 0.00	31.25 0.76 0.00
RIVERBAY____ 323610	30.46 1.91 0.00	30.33 1.80 0.00	27.73 1.46 0.00	27.11 1.32 0.00	27.59 1.35 0.00	27.48 1.40 0.00	23.86 1.57 0.00	25.89 1.82 0.00	32.96 2.18 -2.12	38.10 2.39 -3.64	46.67 2.47 -12.82	37.91 2.74 -0.69	39.44 3.07 -0.48	39.81 3.23 -0.33	41.34 3.46 -0.38	66.13 5.71 0.00	81.46 6.91 0.00	105.12 8.86 0.00	121.58 6.21 -47.00	64.53 3.58 -17.11	50.18 3.60 0.00	45.84 3.29 0.00	39.07 2.74 -1.00	32.75 2.27 0.00
RIVERSIDE_115KV_TB3 55908	29.15 0.60 0.00	29.11 0.57 0.00	26.75 0.48 0.00	26.26 0.48 0.00	26.74 0.49 0.00	26.56 0.47 0.00	22.91 0.61 0.00	24.77 0.70 0.00	29.73 0.71 -0.35	33.38 0.70 -0.61	34.16 0.64 -2.15	34.48 0.66 0.66	36.14 0.72 0.46	36.77 0.84 0.32	37.97 0.84 0.37	61.75 1.33 0.00	75.92 1.37 0.00	98.59 2.33 0.00	79.03 1.73 -8.92	45.99 1.18 -0.98	47.79 1.21 0.00	43.56 1.01 0.00	36.16 0.84 0.00	31.21 0.72 0.00
ROARING___BROOK_WT_PWR 323790	28.29 -0.26 0.00	28.28 -0.25 0.00	26.11 -0.17 0.00	25.68 -0.11 0.00	26.16 -0.09 0.00	26.01 -0.08 0.00	22.18 -0.11 0.00	23.95 -0.12 0.00	28.52 -0.14 0.00	31.88 -0.19 0.00	31.20 -0.17 0.00	34.27 -0.21 0.00	35.64 -0.25 0.00	35.97 -0.28 0.00	37.23 -0.26 0.00	60.00 -0.42 0.00	74.03 -0.52 0.00	95.68 -0.59 0.00	67.96 -0.41 0.00	43.58 -0.25 0.00	46.34 -0.24 0.00	42.34 -0.21 0.00	35.12 -0.21 0.00	30.36 -0.13 0.00
ROCHESRG_115KV_T4 355643	28.76 0.21 0.00	28.60 0.06 0.00	26.01 -0.27 0.00	25.40 -0.38 0.00	25.80 -0.44 0.00	25.69 -0.40 0.00	22.04 -0.26 0.00	23.69 -0.38 0.00	28.39 -0.27 0.00	32.16 0.08 0.00	31.79 0.41 0.00	35.09 0.61 0.00	36.42 0.54 0.00	36.47 0.22 0.00	37.75 0.25 0.00	60.90 0.48 0.00	75.40 0.85 0.00	95.88 -0.38 0.00	67.84 -0.53 0.00	43.46 -0.37 0.00	46.13 -0.45 0.00	42.08 -0.48 0.00	34.95 -0.37 0.00	30.27 -0.21 0.00

ROCHESTER_9_IC 23652	28.97 0.42 0.00	28.80 0.27 0.00	26.19 -0.09 0.00	25.57 -0.22 0.00	25.96 -0.28 0.00	25.85 -0.23 0.00	22.18 -0.12 0.00	23.84 -0.23 0.00	28.60 -0.07 0.00	32.41 0.33 0.00	32.04 0.67 0.00	35.39 0.91 0.00	36.75 0.87 0.00	36.82 0.57 0.00	38.13 0.63 0.00	61.53 1.11 0.00	76.15 1.61 0.00	96.86 0.59 0.00	68.51 0.14 0.00	43.87 0.04 0.00	46.56 -0.03 0.00	42.46 -0.10 0.00	35.25 -0.08 0.00	30.51 0.02 0.00
ROCKVIEW_13_KV_LD 356306	30.35 1.80 0.00	30.19 1.66 0.00	27.60 1.33 0.00	26.99 1.20 0.00	27.43 1.19 0.00	27.29 1.21 0.00	23.68 1.38 0.00	25.79 1.72 0.00	32.87 2.09 -2.12	38.08 2.37 -3.63	46.58 2.40 -12.81	37.90 2.73 -0.69	39.42 3.05 -0.48	39.80 3.22 -0.33	41.28 3.40 -0.38	65.82 5.40 0.00	81.32 6.78 0.00	104.92 8.66 0.00	121.36 6.01 -46.98	64.38 3.45 -17.10	50.09 3.50 0.00	45.74 3.18 0.00	38.97 2.64 -1.00	32.69 2.20 0.00
ROME____115KV_TB2 80656	29.71 1.05 -0.11	29.56 1.03 0.00	27.11 0.83 0.00	26.59 0.81 0.00	27.09 0.84 0.00	26.92 0.84 0.00	23.10 0.81 0.00	24.98 0.91 0.00	29.87 1.13 -0.08	34.03 1.41 -0.55	33.42 1.53 -0.52	36.88 1.72 -0.68	38.34 1.71 -0.75	38.74 1.71 -0.77	40.06 1.72 -0.84	65.45 3.02 -2.01	80.80 3.75 -2.50	103.63 5.18 -2.18	73.92 3.98 -1.56	47.47 2.60 -1.05	50.68 2.80 -1.30	46.14 2.49 -1.09	37.98 1.93 -0.72	32.43 1.48 -0.47
ROSETON____1 23587	29.83 1.28 0.00	29.71 1.17 0.00	27.18 0.91 0.00	26.62 0.83 0.00	27.07 0.82 0.00	26.92 0.84 0.00	23.30 1.01 0.00	25.32 1.25 0.00	30.17 1.50 0.00	33.76 1.68 0.00	33.05 1.68 0.00	36.98 1.87 -0.64	38.45 2.12 -0.44	38.84 2.29 -0.30	40.23 2.38 -0.35	64.25 3.83 0.00	79.30 4.76 0.00	102.46 6.20 0.00	43.82 4.34 28.89	43.16 2.49 3.16	49.09 2.51 0.00	44.84 2.28 0.00	37.21 1.89 0.00	32.04 1.56 0.00
ROSETON____2 23588	29.83 1.28 0.00	29.71 1.17 0.00	27.18 0.91 0.00	26.62 0.83 0.00	27.07 0.82 0.00	26.92 0.84 0.00	23.30 1.01 0.00	25.32 1.25 0.00	30.17 1.50 0.00	33.76 1.68 0.00	33.05 1.68 0.00	36.98 1.87 -0.64	38.45 2.12 -0.44	38.84 2.29 -0.30	40.23 2.38 -0.35	64.25 3.83 0.00	79.30 4.76 0.00	102.46 6.20 0.00	43.82 4.34 28.89	43.16 2.49 3.16	49.09 2.51 0.00	44.84 2.28 0.00	37.21 1.89 0.00	32.04 1.56 0.00
ROTTDAM_115KV_TB3 80664	29.52 0.97 0.00	29.45 0.91 0.00	27.04 0.76 0.00	26.53 0.75 0.00	27.01 0.76 0.00	26.84 0.76 0.00	23.07 0.77 0.00	24.94 0.87 0.00	29.94 0.97 -0.31	33.67 1.07 -0.53	34.27 1.03 -1.86	35.11 1.15 0.52	36.77 1.25 0.36	37.32 1.31 0.25	38.50 1.29 0.29	62.49 2.07 0.00	77.10 2.56 0.00	99.93 3.67 0.00	78.66 2.67 -7.62	46.48 1.81 -0.83	48.54 1.96 0.00	44.26 1.70 0.00	36.71 1.38 0.00	31.62 1.13 0.00
RUSSELL____1 23602	29.17 0.62 0.00	28.99 0.45 0.00	26.34 0.06 0.00	25.71 -0.07 0.00	26.11 -0.13 0.00	25.99 -0.09 0.00	22.30 0.00 0.00	23.98 -0.09 0.00	28.77 0.10 0.00	32.61 0.54 0.00	32.27 0.89 0.00	35.66 1.18 0.00	37.05 1.16 0.00	37.14 0.88 0.00	38.47 0.97 0.00	62.09 1.67 0.00	76.87 2.33 0.00	97.75 1.49 0.00	69.12 2.67 0.00	44.25 0.42 0.00	46.96 0.37 0.00	42.81 0.25 0.00	35.52 0.20 0.00	30.72 0.24 0.00
RUSSELL____2 23532	29.17 0.62 0.00	28.99 0.45 0.00	26.34 0.06 0.00	25.71 -0.07 0.00	26.11 -0.13 0.00	25.99 -0.09 0.00	22.30 0.00 0.00	23.98 -0.09 0.00	28.77 0.10 0.00	32.61 0.54 0.00	32.27 0.89 0.00	35.66 1.18 0.00	37.05 1.16 0.00	37.14 0.88 0.00	38.47 0.97 0.00	62.09 1.67 0.00	76.87 2.33 0.00	97.75 1.49 0.00	69.12 2.67 0.00	44.25 0.42 0.00	46.96 0.37 0.00	42.81 0.25 0.00	35.52 0.20 0.00	30.72 0.24 0.00
RUSSELL____3 23549	29.17 0.62 0.00	28.99 0.45 0.00	26.34 0.06 0.00	25.71 -0.07 0.00	26.11 -0.13 0.00	25.99 -0.09 0.00	22.30 0.00 0.00	23.98 -0.09 0.00	28.77 0.10 0.00	32.61 0.54 0.00	32.27 0.89 0.00	35.66 1.18 0.00	37.05 1.16 0.00	37.14 0.88 0.00	38.47 0.97 0.00	62.09 1.67 0.00	76.87 2.33 0.00	97.75 1.49 0.00	69.12 2.67 0.00	44.25 0.42 0.00	46.96 0.37 0.00	42.81 0.25 0.00	35.52 0.20 0.00	30.72 0.24 0.00
RUSSELL____4 23556	29.17 0.62 0.00	28.99 0.45 0.00	26.34 0.06 0.00	25.71 -0.07 0.00	26.11 -0.13 0.00	25.99 -0.09 0.00	22.30 0.00 0.00	23.98 -0.09 0.00	28.77 0.10 0.00	32.61 0.54 0.00	32.27 0.89 0.00	35.66 1.18 0.00	37.05 1.16 0.00	37.14 0.88 0.00	38.47 0.97 0.00	62.09 1.67 0.00	76.87 2.33 0.00	97.75 1.49 0.00	69.12 2.67 0.00	44.25 0.42 0.00	46.96 0.37 0.00	42.81 0.25 0.00	35.52 0.20 0.00	30.72 0.24 0.00
RUSSELL____STATION 23914	29.17 0.62 0.00	28.99 0.45 0.00	26.34 0.06 0.00	25.71 -0.07 0.00	26.11 -0.13 0.00	25.99 -0.09 0.00	22.30 0.00 0.00	23.98 -0.09 0.00	28.77 0.10 0.00	32.61 0.54 0.00	32.27 0.89 0.00	35.66 1.18 0.00	37.05 1.16 0.00	37.14 0.88 0.00	38.47 0.97 0.00	62.09 1.67 0.00	76.87 2.33 0.00	97.75 1.49 0.00	69.12 2.67 0.00	44.25 0.42 0.00	46.96 0.37 0.00	42.81 0.25 0.00	35.52 0.20 0.00	30.72 0.24 0.00
S SALMON____HYD 24043	28.81 -0.26 -0.51	28.36 -0.18 0.00	26.00 -0.27 0.00	25.53 -0.26 0.00	26.01 -0.23 0.00	25.84 -0.24 0.00	22.13 -0.17 0.00	23.86 -0.21 0.00	28.80 -0.22 -0.36	34.63 -0.02 -2.58	33.92 0.11 -2.44	37.74 0.06 -3.20	39.46 0.06 -3.51	40.00 0.14 -3.61	41.50 0.05 -3.95	69.85 0.01 -9.42	86.25 -0.01 -11.71	106.71 0.21 -10.23	75.97 0.26 -7.33	48.97 0.23 -4.91	53.03 0.36 -6.09	48.11 0.45 -5.11	38.98 0.29 -3.37	32.77 0.10 -2.18
S.PERRY__115KV_TB1 80734	30.11 1.56 0.00	29.87 1.33 0.00	27.10 0.83 0.00	26.45 0.66 0.00	26.86 0.61 0.00	26.77 0.69 0.00	23.04 0.74 0.00	24.86 0.79 0.00	29.77 1.11 0.00	33.58 1.51 0.00	32.70 1.32 0.00	36.03 1.55 0.00	36.76 0.88 0.00	36.80 0.55 0.00	38.22 0.73 0.00	61.47 1.05 0.00	76.35 1.81 0.00	97.54 1.28 0.00	69.42 1.05 0.00	44.74 0.91 0.00	47.49 0.91 0.00	43.32 0.76 0.00	36.73 1.41 0.00	31.88 1.39 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.69 0.14 0.00	28.45 -0.08 0.00	25.73 -0.55 0.00	25.08 -0.70 0.00	25.45 -0.80 0.00	25.35 -0.74 0.00	21.76 -0.53 0.00	23.31 -0.76 0.00	27.98 -0.69 0.00	31.87 -0.21 0.00	31.64 0.27 0.00	34.99 0.52 0.00	36.25 0.36 0.00	36.06 -0.19 0.00	37.23 -0.27 0.00	59.96 -0.46 0.00	74.22 -0.33 0.00	93.40 -2.86 0.00	65.92 -2.45 0.00	42.37 -1.46 0.00	45.01 -1.57 0.00	41.11 -1.45 0.00	34.24 -1.08 0.00	29.88 -0.61 0.00
SAWYER____23_KV_LOAD 55526	28.69 0.14 0.00	28.45 -0.08 0.00	25.73 -0.55 0.00	25.08 -0.70 0.00	25.45 -0.80 0.00	25.35 -0.74 0.00	21.76 -0.53 0.00	23.31 -0.76 0.00	27.98 -0.69 0.00	31.87 -0.21 0.00	31.64 0.27 0.00	34.99 0.52 0.00	36.25 0.36 0.00	36.06 -0.19 0.00	37.23 -0.27 0.00	59.96 -0.46 0.00	74.22 -0.33 0.00	93.40 -2.86 0.00	65.92 -2.45 0.00	42.37 -1.46 0.00	45.01 -1.57 0.00	41.11 -1.45 0.00	34.24 -1.08 0.00	29.88 -0.61 0.00

SELKIRK___I 23801	29.25 0.69 0.00	29.22 0.68 0.00	26.83 0.56 0.00	26.36 0.57 0.00	26.85 0.60 0.00	26.64 0.55 0.00	22.91 0.61 0.00	24.74 0.67 0.00	29.64 0.66 -0.31	33.21 0.60 -0.54	33.78 0.51 -1.89	34.49 0.39 0.37	36.08 0.46 0.26	36.65 0.58 0.18	38.01 0.72 0.21	61.60 1.18 0.00	75.61 1.07 0.00	98.00 1.74 0.00	77.24 1.41 -7.46	45.69 1.04 -0.81	47.75 1.16 0.00	43.54 0.98 0.00	36.18 0.85 0.00	31.28 0.79 0.00
SELKIRK___II 23799	29.11 0.56 0.00	29.07 0.53 0.00	26.69 0.42 0.00	26.21 0.42 0.00	26.69 0.45 0.00	26.50 0.42 0.00	22.83 0.54 0.00	24.69 0.62 0.00	29.65 0.64 -0.34	33.24 0.58 -0.58	33.86 0.44 -2.04	34.40 0.36 0.44	35.97 0.40 0.31	36.54 0.50 0.21	37.78 0.53 0.25	61.25 0.83 0.00	75.29 0.74 0.00	97.57 1.31 0.00	77.61 1.02 -8.21	45.43 0.70 -0.90	47.31 0.72 0.00	43.16 0.60 0.00	35.91 0.58 0.00	31.10 0.62 0.00
SENECA OSWGO___HYD 24041	28.91 -0.36 -0.71	28.22 -0.31 0.00	25.88 -0.40 0.00	25.36 -0.43 0.00	25.80 -0.44 0.00	25.66 -0.42 0.00	22.01 -0.29 0.00	23.69 -0.38 0.00	28.78 -0.39 -0.51	35.42 -0.28 -3.62	34.58 -0.23 -3.43	38.79 -0.19 -4.50	40.64 -0.18 -4.94	41.07 -0.25 -5.07	42.76 -0.29 -5.55	73.30 -0.35 -13.24	90.67 -0.34 -16.46	109.96 -0.68 -14.38	78.22 -0.46 -10.31	50.44 -0.29 -6.91	54.85 -0.29 -8.56	49.41 -0.31 -7.17	39.74 -0.32 -4.73	33.20 -0.36 -3.07
SENECA___115KV_TB3 355854	29.03 0.48 0.00	28.78 0.25 0.00	26.02 -0.25 0.00	25.37 -0.42 0.00	25.75 -0.50 0.00	25.64 -0.44 0.00	22.04 -0.25 0.00	23.64 -0.43 0.00	28.36 -0.30 0.00	32.33 0.25 0.00	32.10 0.72 0.00	35.55 1.07 0.00	36.87 0.99 0.00	36.74 0.49 0.00	37.94 0.44 0.00	61.22 0.79 0.00	75.73 1.18 -0.01	95.25 -1.02 -0.01	67.18 -1.20 -0.01	43.16 -0.67 0.00	45.83 -0.75 0.00	41.82 -0.74 0.00	34.81 -0.52 0.00	30.31 -0.17 0.00
SENECA___ENERGY 23797	29.12 0.28 -0.28	28.76 0.23 0.00	26.24 -0.04 0.00	25.67 -0.12 0.00	26.12 -0.13 0.00	25.98 -0.10 0.00	22.35 0.06 0.00	24.10 0.03 0.00	29.04 0.17 -0.20	34.00 0.48 -1.44	33.39 0.65 -1.36	37.09 0.82 -1.79	38.69 0.84 -1.97	38.95 0.68 -2.02	40.46 0.75 -2.21	67.05 1.37 -5.26	82.94 1.85 -6.55	103.50 1.51 -5.72	73.64 1.18 -4.10	47.29 0.72 -2.75	50.76 0.77 -3.40	45.91 0.50 -2.85	37.51 0.30 -1.88	31.91 0.21 -1.22
SHOEMAKER___GT 23640	29.76 1.21 0.00	29.64 1.11 0.00	27.12 0.85 0.00	26.56 0.77 0.00	27.01 0.76 0.00	26.85 0.77 0.00	23.22 0.93 0.00	25.20 1.13 0.00	28.15 1.36 1.87	30.41 1.55 3.21	21.57 1.54 11.34	36.77 1.74 -0.55	38.22 1.95 -0.39	38.63 2.11 -0.26	40.00 2.20 -0.31	63.95 3.53 0.00	79.07 4.52 0.00	102.14 5.88 0.00	30.23 4.10 42.24	30.10 2.42 16.14	49.06 2.48 0.00	44.83 2.27 0.00	36.20 1.84 0.97	31.98 1.50 0.00
SHOEMAKR_138KV_BK 111 55601	29.74 1.19 0.00	29.63 1.09 0.00	27.12 0.84 0.00	26.54 0.75 0.00	26.99 0.75 0.00	26.84 0.75 0.00	23.21 0.92 0.00	25.20 1.13 0.00	28.24 1.35 1.78	30.57 1.55 3.06	22.14 1.54 10.78	36.76 1.74 -0.55	38.21 1.95 -0.38	38.63 2.12 -0.26	40.01 2.21 -0.30	63.97 3.55 0.00	79.07 4.53 0.00	102.15 5.88 0.00	31.50 4.09 40.96	30.78 2.40 15.45	49.02 2.43 0.00	44.79 2.24 0.00	36.22 1.82 0.92	31.96 1.48 0.00
SHOREHAM_IC_1 23715	32.44 2.23 -1.66	30.56 2.03 0.00	30.42 1.74 -2.41	30.47 1.62 -3.06	32.16 1.59 -4.33	27.63 1.54 0.00	23.96 1.67 0.00	26.07 1.99 0.00	33.32 2.47 -2.18	38.38 2.64 -3.67	46.79 2.47 -12.94	37.79 2.70 -0.61	39.72 3.36 -0.49	40.27 3.69 -0.33	56.82 3.86 -15.46	66.16 5.73 0.00	140.65 7.55 -58.56	126.94 8.98 -21.70	125.15 6.12 -50.66	65.04 3.97 -17.24	50.70 4.03 -0.09	46.53 3.56 -0.42	39.37 3.03 -1.01	34.99 2.66 -1.85
SHOREHAM_IC_2 23716	32.44 2.23 -1.66	30.56 2.03 0.00	30.42 1.74 -2.41	30.47 1.62 -3.06	32.16 1.59 -4.33	27.63 1.54 0.00	23.96 1.67 0.00	26.07 1.99 0.00	33.32 2.47 -2.18	38.38 2.64 -3.67	46.79 2.47 -12.94	37.79 2.70 -0.61	39.72 3.36 -0.49	40.27 3.69 -0.33	56.82 3.86 -15.46	66.16 5.73 0.00	140.65 7.55 -58.56	126.94 8.98 -21.70	125.15 6.12 -50.66	65.04 3.97 -17.24	50.70 4.03 -0.09	46.53 3.56 -0.42	39.37 3.03 -1.01	34.99 2.66 -1.85
SISSONVILLE____ 23735	27.52 -1.09 -0.07	27.42 -1.11 0.00	25.36 -0.91 0.00	24.95 -0.84 0.00	25.41 -0.84 0.00	25.29 -0.79 0.00	21.40 -0.89 0.00	23.15 -0.92 0.00	27.59 -1.12 -0.05	30.98 -1.43 -0.33	30.44 -1.25 -0.32	33.47 -1.42 -0.42	34.67 -1.67 -0.46	35.03 -1.69 -0.47	36.35 -1.66 -0.51	59.09 -2.56 -1.22	72.99 -3.08 -1.52	94.25 -3.35 -1.33	67.04 -2.29 -0.95	43.17 -1.30 -0.64	46.05 -1.32 -0.79	42.12 -1.10 -0.66	34.82 -0.94 -0.44	29.98 -0.79 -0.28
SITHE_IND_GS1 24169	25.73 -0.74 2.07	27.87 -0.66 0.00	25.57 -0.70 0.00	25.08 -0.71 0.00	25.51 -0.73 0.00	25.37 -0.72 0.00	21.73 -0.57 0.00	23.37 -0.70 0.00	26.39 -0.81 1.47	20.78 -0.78 10.51	20.73 -0.70 9.94	20.68 -0.73 13.06	20.80 -0.75 14.33	20.75 -0.80 14.70	20.57 -0.83 16.10	20.72 -1.31 38.39	25.23 -1.57 47.75	52.28 -2.28 41.70	36.83 -1.65 29.89	22.75 -1.05 20.03	20.64 -1.11 24.83	20.69 -1.06 20.81	20.71 -0.90 13.72	20.78 -0.81 8.90
SITHE_IND_GS2 24170	25.73 -0.74 2.07	27.87 -0.66 0.00	25.57 -0.70 0.00	25.08 -0.71 0.00	25.51 -0.73 0.00	25.37 -0.72 0.00	21.73 -0.57 0.00	23.37 -0.70 0.00	26.39 -0.81 1.47	20.78 -0.78 10.51	20.73 -0.70 9.94	20.68 -0.73 13.06	20.80 -0.75 14.33	20.75 -0.80 14.70	20.57 -0.83 16.10	20.72 -1.31 38.39	25.23 -1.57 47.75	52.28 -2.28 41.70	36.83 -1.65 29.89	22.75 -1.05 20.03	20.64 -1.11 24.83	20.69 -1.06 20.81	20.71 -0.90 13.72	20.78 -0.81 8.90
SITHE_IND_GS3 24171	25.73 -0.74 2.07	27.87 -0.66 0.00	25.57 -0.70 0.00	25.08 -0.71 0.00	25.51 -0.73 0.00	25.37 -0.72 0.00	21.73 -0.57 0.00	23.37 -0.70 0.00	26.39 -0.81 1.47	20.78 -0.78 10.51	20.73 -0.70 9.94	20.68 -0.73 13.06	20.80 -0.75 14.33	20.75 -0.80 14.70	20.57 -0.83 16.10	20.72 -1.31 38.39	25.23 -1.57 47.75	52.28 -2.28 41.70	36.83 -1.65 29.89	22.75 -1.05 20.03	20.64 -1.11 24.83	20.69 -1.06 20.81	20.71 -0.90 13.72	20.78 -0.81 8.90
SITHE_IND_GS4 24172	25.73 -0.74 2.07	27.87 -0.66 0.00	25.57 -0.70 0.00	25.08 -0.71 0.00	25.51 -0.73 0.00	25.37 -0.72 0.00	21.73 -0.57 0.00	23.37 -0.70 0.00	26.39 -0.81 1.47	20.78 -0.78 10.51	20.73 -0.70 9.94	20.68 -0.73 13.06	20.80 -0.75 14.33	20.75 -0.80 14.70	20.57 -0.83 16.10	20.72 -1.31 38.39	25.23 -1.57 47.75	52.28 -2.28 41.70	36.83 -1.65 29.89	22.75 -1.05 20.03	20.64 -1.11 24.83	20.69 -1.06 20.81	20.71 -0.90 13.72	20.78 -0.81 8.90
SITHE___BATAVIA 24024	29.51 0.96 0.00	29.22 0.68 0.00	26.44 0.17 0.00	25.78 -0.01 0.00	26.17 -0.08 0.00	26.08 -0.01 0.00	22.41 0.11 0.00	24.05 -0.02 0.00	28.87 0.20 0.00	32.85 0.78 0.00	32.49 1.12 0.00	35.84 1.36 0.00	37.16 1.28 0.00	37.07 0.82 0.00	38.41 0.91 0.00	62.02 1.60 0.00	77.24 2.70 -0.01	97.90 1.62 -0.01	69.23 0.85 -0.01	44.39 0.56 0.00	47.08 0.50 0.00	42.94 0.39 0.00	35.64 0.32 0.00	30.99 0.51 0.00

SITHE___INDEPEND 23800	25.73 -0.74 2.07	27.87 -0.66 0.00	25.57 -0.70 0.00	25.08 -0.71 0.00	25.51 -0.74 0.00	25.37 -0.72 0.00	21.73 -0.57 0.00	23.37 -0.70 0.00	26.39 -0.81 1.47	20.78 -0.78 10.51	20.73 -0.70 9.94	20.68 -0.73 13.06	20.80 -0.75 14.33	20.75 -0.80 14.70	20.57 -0.83 16.10	20.72 -1.31 38.39	25.22 -1.57 47.75	52.28 -2.28 41.70	36.83 -1.64 29.89	22.75 -1.05 20.03	20.64 -1.11 24.83	20.69 -1.06 20.81	20.71 -0.89 13.72	20.78 -0.81 8.90
SITHE___MASSENA 23902	28.06 -0.49 0.00	28.01 -0.52 0.00	25.92 -0.36 0.00	25.48 -0.31 0.00	25.93 -0.32 0.00	25.80 -0.28 0.00	21.83 -0.47 0.00	23.58 -0.49 0.00	28.08 -0.58 0.00	31.28 -0.80 0.00	30.64 -0.73 0.00	33.64 -0.83 0.00	34.83 -1.05 0.00	35.10 -1.15 0.00	36.42 -1.07 0.00	58.71 -1.71 0.00	72.57 -1.97 0.00	93.90 -2.36 0.00	66.71 -1.66 0.00	42.86 -0.97 0.00	45.59 -1.00 0.00	41.72 -0.83 0.00	34.67 -0.66 0.00	30.02 -0.47 0.00
SITHE___OGDNSBRG 24021	28.30 -0.25 0.00	28.23 -0.31 0.00	26.12 -0.15 0.00	25.68 -0.11 0.00	26.13 -0.11 0.00	26.02 -0.06 0.00	22.00 -0.30 0.00	23.75 -0.32 0.00	28.20 -0.46 0.00	31.11 -0.96 0.00	30.49 -0.89 0.00	33.51 -0.97 0.00	34.59 -1.30 0.00	34.91 -1.34 0.00	36.34 -1.15 0.00	58.79 -1.64 0.00	72.39 -2.15 0.00	94.58 -1.69 0.00	67.34 -1.03 0.00	43.58 -0.25 0.00	46.43 -0.16 0.00	42.51 -0.04 0.00	35.26 -0.06 0.00	30.46 -0.03 0.00
SITHE___STERLING 23777	29.56 0.90 -0.12	29.40 0.87 0.00	26.95 0.68 0.00	26.43 0.64 0.00	26.91 0.67 0.00	26.75 0.67 0.00	22.97 0.67 0.00	24.81 0.75 0.00	29.65 0.91 -0.08	33.82 1.15 -0.59	33.20 1.26 -0.56	36.64 1.43 -0.74	38.10 1.41 -0.81	38.51 1.43 -0.83	39.85 1.44 -0.91	65.09 2.51 -2.17	80.35 3.11 -2.69	102.70 4.09 -2.35	73.19 3.13 -1.69	47.03 2.07 -1.13	50.22 2.24 -1.40	45.71 1.98 -1.17	37.63 1.53 -0.77	32.16 1.17 -0.50
SLEIGHT___34_KV_TB1 80719	28.85 0.22 -0.08	28.66 0.12 0.00	26.12 -0.15 0.00	25.54 -0.25 0.00	25.96 -0.28 0.00	25.84 -0.25 0.00	22.18 -0.11 0.00	23.90 -0.17 0.00	28.73 0.00 -0.06	32.80 0.32 -0.40	32.34 0.59 -0.38	35.76 0.79 -0.50	37.22 0.78 -0.55	37.40 0.59 -0.56	38.79 0.67 -0.61	63.07 1.19 -1.46	78.08 1.71 -1.82	99.01 1.15 -1.59	70.14 0.63 -1.14	44.93 0.33 -0.76	47.85 0.32 -0.95	43.51 0.16 -0.79	35.89 0.04 -0.52	30.88 0.06 -0.34
SOUTH CAIRO___GT 23612	30.45 1.90 0.00	30.34 1.81 0.00	27.83 1.55 0.00	27.33 1.54 0.00	27.81 1.57 0.00	27.62 1.54 0.00	23.77 1.47 0.00	25.68 1.62 0.00	30.46 1.80 0.00	33.88 1.81 0.00	33.04 1.67 0.00	35.80 1.57 0.25	37.46 1.75 0.17	38.02 1.88 0.12	39.86 2.50 0.14	65.01 4.59 0.00	79.08 4.54 0.00	101.89 5.63 0.00	78.12 4.60 -5.16	47.76 3.37 -0.56	50.29 3.70 0.00	45.77 3.22 0.00	37.91 2.59 0.00	32.69 2.21 0.00
SOUTH HAMPTN___IC 23720	32.76 2.55 -1.66	30.88 2.35 0.00	30.74 2.06 -2.41	30.78 1.94 -3.06	32.46 1.88 -4.33	27.91 1.83 0.00	24.21 1.92 0.00	26.39 2.32 0.00	33.70 2.85 -2.18	38.83 3.08 -3.67	47.28 2.97 -12.94	38.38 3.28 -0.62	40.43 4.06 -0.49	40.97 4.38 -0.33	57.19 4.49 -15.20	67.14 6.71 0.00	136.76 8.86 -53.35	126.89 10.71 -19.91	125.94 7.23 -50.34	65.62 4.55 -17.24	51.45 4.78 -0.09	47.12 4.14 -0.42	39.85 3.51 -1.01	35.49 3.16 -1.85
SOUTHDOW___115KV_TB1 355954	29.99 1.44 0.00	29.73 1.20 0.00	26.84 0.57 0.00	26.11 0.32 0.00	26.53 0.28 0.00	26.44 0.35 0.00	22.80 0.51 0.00	24.60 0.53 0.00	29.49 0.83 0.00	33.72 1.65 0.00	33.34 1.96 0.00	37.09 2.61 0.00	38.67 2.79 0.00	38.66 2.41 0.00	39.89 2.39 0.00	64.39 3.96 0.00	79.68 5.13 0.00	99.92 3.64 0.00	70.43 2.05 -0.01	45.18 1.34 0.00	47.97 1.38 0.00	43.67 1.12 0.00	36.25 0.93 0.00	31.36 0.88 0.00
SOUTHOLD_69_KV_BK 2 55809	32.86 2.65 -1.65	31.02 2.49 0.00	30.92 2.25 -2.40	30.98 2.13 -3.06	32.61 2.04 -4.33	28.08 2.00 0.00	24.36 2.06 0.00	26.63 2.56 0.00	33.73 2.88 -2.18	38.50 2.75 -3.67	47.00 2.68 -12.94	38.10 3.00 -0.62	40.28 3.91 -0.48	40.81 4.22 -0.33	56.88 4.17 -15.21	66.61 6.19 0.00	136.44 8.45 -53.45	126.60 10.39 -19.95	125.46 6.74 -50.35	65.16 4.09 -17.24	51.31 4.63 -0.09	47.42 4.44 -0.42	40.12 3.79 -1.01	35.87 3.54 -1.85
SOUTHOLD___IC 23719	32.87 2.66 -1.66	31.02 2.49 0.00	30.93 2.25 -2.41	30.98 2.13 -3.06	32.61 2.04 -4.33	28.08 2.00 0.00	24.36 2.07 0.00	26.63 2.56 0.00	33.73 2.88 -2.18	38.50 2.75 -3.67	47.00 2.68 -12.94	38.10 3.00 -0.62	40.28 3.91 -0.49	40.80 4.22 -0.33	56.88 4.18 -15.21	66.61 6.19 0.00	136.44 8.44 -53.45	126.59 10.38 -19.95	125.46 6.74 -50.35	65.16 4.09 -17.24	51.31 4.63 -0.09	47.41 4.44 -0.42	40.12 3.78 -1.01	35.88 3.54 -1.85
SOUTH_FORK_WT_PWR 323839	32.48 2.27 -1.66	30.68 2.15 0.00	30.69 2.01 -2.41	30.76 1.92 -3.06	32.36 1.79 -4.33	27.83 1.75 0.00	24.13 1.84 0.00	26.43 2.36 0.00	33.62 2.77 -2.18	38.50 2.76 -3.67	47.00 2.69 -12.94	38.13 3.03 -0.62	40.38 4.01 -0.49	40.88 4.30 -0.33	56.79 4.08 -15.21	66.41 5.99 0.00	136.24 8.30 -53.40	126.45 10.26 -19.93	125.23 6.51 -50.35	64.98 3.91 -17.24	51.33 4.65 -0.09	46.74 3.77 -0.42	39.61 3.27 -1.01	35.59 3.25 -1.85
SPIERFLS_115KV_TB 1 80737	30.26 1.70 0.00	30.09 1.55 0.00	27.58 1.31 0.00	27.09 1.30 0.00	27.56 1.31 0.00	27.41 1.33 0.00	23.57 1.27 0.00	25.54 1.47 0.00	30.53 1.54 -0.32	34.40 1.76 -0.56	34.82 1.48 -1.96	35.57 1.74 0.65	37.34 1.91 0.45	37.75 1.81 0.31	38.91 1.77 0.36	63.57 3.15 0.00	78.54 3.99 0.00	102.49 6.22 0.00	81.33 4.84 -8.12	48.19 3.48 -0.89	50.39 3.81 0.00	45.74 3.18 0.00	37.88 2.55 0.00	32.55 2.07 0.00
ST LAWRENCE____ 23600	28.05 -0.50 0.00	28.01 -0.53 0.00	25.91 -0.36 0.00	25.47 -0.31 0.00	25.92 -0.32 0.00	25.79 -0.29 0.00	21.83 -0.47 0.00	23.57 -0.50 0.00	28.08 -0.58 0.00	31.31 -0.76 0.00	30.65 -0.73 0.00	33.63 -0.85 0.00	34.85 -1.03 0.00	35.12 -1.13 0.00	36.42 -1.08 0.00	58.71 -1.71 0.00	72.54 -2.00 0.00	93.78 -2.49 0.00	66.60 -1.77 0.00	42.75 -1.08 0.00	45.45 -1.13 0.00	41.59 -0.96 0.00	34.56 -0.76 0.00	29.93 -0.56 0.00
STATE_CA_115KV_115_LB 55624	29.22 0.67 0.00	29.18 0.64 0.00	26.80 0.53 0.00	26.32 0.53 0.00	26.80 0.55 0.00	26.61 0.53 0.00	22.96 0.66 0.00	24.83 0.76 0.00	29.81 0.80 -0.34	33.49 0.82 -0.59	34.24 0.77 -2.09	34.68 0.82 0.62	36.35 0.90 0.43	36.98 1.03 0.29	38.21 1.05 0.34	62.08 1.66 0.00	76.35 1.81 0.00	99.00 2.74 0.00	79.05 2.05 -8.63	46.14 1.36 -0.94	47.99 1.40 0.00	43.74 1.18 0.00	36.29 0.97 0.00	31.31 0.83 0.00
STATE_ST_34_KV_LOAD 55959	29.24 0.36 -0.33	28.89 0.36 0.00	26.43 0.15 0.00	25.88 0.09 0.00	26.34 0.09 0.00	26.19 0.11 0.00	22.49 0.20 0.00	24.24 0.17 0.00	29.29 0.40 -0.23	34.43 0.69 -1.67	33.79 0.83 -1.58	37.50 0.95 -2.08	39.10 0.93 -2.28	39.49 0.90 -2.34	41.00 0.94 -2.56	68.11 1.58 -6.11	84.15 2.02 -7.59	105.06 2.16 -6.63	74.61 1.48 -4.75	47.97 0.96 -3.19	51.72 1.18 -3.95	46.67 0.80 -3.31	38.08 0.57 -2.18	32.39 0.49 -1.42

STATION_5_MISC_HYD 23604	28.97 0.42 0.00	28.80 0.26 0.00	26.19 -0.09 0.00	25.57 -0.22 0.00	25.97 -0.28 0.00	25.85 -0.23 0.00	22.18 -0.11 0.00	23.84 -0.23 0.00	28.60 -0.07 0.00	32.41 0.33 0.00	32.04 0.67 0.00	35.39 0.92 0.00	36.76 0.87 0.00	36.82 0.57 0.00	38.13 0.63 0.00	61.53 1.11 0.00	76.19 1.64 0.00	96.88 0.62 0.00	68.51 0.14 0.00	43.87 0.04 0.00	46.57 -0.02 0.00	42.47 -0.08 0.00	35.26 -0.07 0.00	30.51 0.03 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.20 0.57 -0.08	28.97 0.43 0.00	26.37 0.10 0.00	25.78 -0.01 0.00	26.20 -0.04 0.00	26.08 0.00 0.00	22.41 0.12 0.00	24.14 0.07 0.00	29.00 0.27 -0.06	33.17 0.67 -0.43	32.72 0.93 -0.40	36.19 1.19 -0.53	37.65 1.18 -0.58	37.80 0.95 -0.60	39.22 1.07 -0.66	63.87 1.89 -1.56	79.05 2.57 -1.94	100.09 2.13 -1.70	70.99 1.40 -1.22	45.48 0.84 -0.82	48.41 0.81 -1.01	44.00 0.60 -0.85	36.31 0.43 -0.56	31.21 0.37 -0.36
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.81 0.26 0.00	28.65 0.12 0.00	26.05 -0.22 0.00	25.45 -0.34 0.00	25.85 -0.40 0.00	25.73 -0.36 0.00	22.07 -0.22 0.00	23.74 -0.33 0.00	28.48 -0.19 0.00	32.27 0.19 0.00	31.91 0.54 0.00	35.25 0.77 0.00	36.61 0.73 0.00	36.70 0.45 0.00	38.01 0.51 0.00	61.33 0.91 0.00	75.95 1.41 0.00	96.68 0.41 0.00	68.37 0.00 0.00	43.75 -0.08 0.00	46.41 -0.17 0.00	42.32 -0.24 0.00	35.11 -0.21 0.00	30.37 -0.11 0.00
STA_56____34_KV_BUS2 355983	28.81 0.26 0.00	28.65 0.12 0.00	26.05 -0.22 0.00	25.45 -0.34 0.00	25.85 -0.40 0.00	25.73 -0.36 0.00	22.07 -0.22 0.00	23.74 -0.33 0.00	28.48 -0.19 0.00	32.27 0.19 0.00	31.91 0.54 0.00	35.25 0.77 0.00	36.61 0.73 0.00	36.70 0.45 0.00	38.01 0.51 0.00	61.33 0.91 0.00	75.95 1.41 0.00	96.68 0.41 0.00	68.37 0.00 0.00	43.75 -0.08 0.00	46.41 -0.17 0.00	42.32 -0.24 0.00	35.11 -0.21 0.00	30.37 -0.11 0.00
STA_67____115KV_BK2 355882	28.89 0.34 0.00	28.72 0.19 0.00	26.12 -0.16 0.00	25.51 -0.28 0.00	25.90 -0.34 0.00	25.78 -0.30 0.00	22.13 -0.17 0.00	23.78 -0.29 0.00	28.52 -0.15 0.00	32.31 0.24 0.00	31.95 0.57 0.00	35.27 0.80 0.00	36.62 0.74 0.00	36.69 0.44 0.00	37.98 0.48 0.00	61.29 0.87 0.00	75.86 1.32 0.00	96.50 0.24 0.00	68.26 -0.11 0.00	43.72 -0.11 0.00	46.39 -0.19 0.00	42.31 -0.24 0.00	35.14 -0.19 0.00	30.41 -0.07 0.00
STA_7____115KV_9TRANS 80674	29.17 0.62 0.00	28.99 0.45 0.00	26.34 0.06 0.00	25.71 -0.07 0.00	26.11 -0.13 0.00	25.99 -0.09 0.00	22.30 0.00 0.00	23.98 -0.09 0.00	28.77 0.10 0.00	32.61 0.54 0.00	32.27 0.89 0.00	35.66 1.18 0.00	37.05 1.16 0.00	37.14 0.88 0.00	38.47 0.97 0.00	62.09 1.67 0.00	76.87 2.33 0.00	97.75 1.49 0.00	69.12 0.75 0.00	44.25 0.42 0.00	46.96 0.37 0.00	42.81 0.25 0.00	35.52 0.20 0.00	30.72 0.24 0.00
STA_82____115KV_TB1 80780	28.91 0.35 0.00	28.74 0.21 0.00	26.13 -0.14 0.00	25.52 -0.27 0.00	25.91 -0.33 0.00	25.80 -0.29 0.00	22.13 -0.16 0.00	23.79 -0.28 0.00	28.54 -0.13 0.00	32.33 0.25 0.00	31.96 0.58 0.00	35.29 0.81 0.00	36.64 0.76 0.00	36.70 0.45 0.00	38.00 0.50 0.00	61.32 0.90 0.00	75.92 1.37 0.00	96.57 0.30 0.00	68.31 -0.06 0.00	43.75 -0.08 0.00	46.42 -0.16 0.00	42.34 -0.22 0.00	35.16 -0.17 0.00	30.44 -0.05 0.00
STEEL____WIND 323596	29.00 0.45 0.00	28.74 0.21 0.00	25.99 -0.29 0.00	25.34 -0.45 0.00	25.72 -0.52 0.00	25.62 -0.47 0.00	22.02 -0.28 0.00	23.62 -0.45 0.00	28.33 -0.34 0.00	32.28 0.21 0.00	32.06 0.68 0.00	35.49 1.02 0.00	36.81 0.92 0.00	36.68 0.43 0.00	37.87 0.37 0.00	61.11 0.69 0.00	75.60 1.05 -0.01	95.09 -1.19 -0.01	67.08 -1.30 -0.01	43.09 -0.74 0.00	45.76 -0.82 0.00	41.77 -0.79 0.00	34.77 -0.55 0.00	30.26 -0.22 0.00
STEPHTWN_115KV_BK_2 55603	29.39 0.84 0.00	29.32 0.79 0.00	26.89 0.62 0.00	26.38 0.59 0.00	26.88 0.63 0.00	26.66 0.57 0.00	23.01 0.71 0.00	24.96 0.89 0.00	29.99 0.97 -0.35	33.65 0.97 -0.60	34.44 0.95 -2.12	34.85 0.98 0.60	36.55 1.09 0.42	37.19 1.22 0.29	38.43 1.26 0.33	62.65 2.23 0.00	76.99 2.45 0.00	99.71 3.44 0.00	79.64 2.54 -8.73	46.41 1.62 -0.96	48.21 1.63 0.00	43.88 1.33 0.00	36.45 1.13 0.00	31.46 0.97 0.00
STEUBEN_REC_LFGE 323667	29.83 1.17 -0.11	29.51 0.97 0.00	26.75 0.48 0.00	26.12 0.33 0.00	26.56 0.32 0.00	26.46 0.37 0.00	22.80 0.50 0.00	24.53 0.46 0.00	29.48 0.74 -0.08	33.93 1.32 -0.54	33.37 1.49 -0.51	36.96 1.82 -0.67	38.44 1.83 -0.73	38.49 1.49 -0.75	39.88 1.56 -0.82	64.93 2.55 -1.96	80.53 3.55 -2.44	101.13 2.73 -2.13	71.69 1.79 -1.53	46.07 1.22 -1.02	49.27 1.42 -1.27	44.76 1.14 -1.06	37.09 1.06 -0.70	31.93 0.99 -0.45
STILLWATER____SOLAR 323814	30.08 1.53 0.00	29.97 1.44 0.00	27.51 1.23 0.00	27.01 1.22 0.00	27.48 1.24 0.00	27.32 1.24 0.00	23.51 1.21 0.00	25.43 1.36 0.00	30.46 1.46 -0.33	34.24 1.59 -0.57	34.88 1.48 -2.01	35.42 1.66 0.72	37.17 1.79 0.50	37.71 1.81 0.34	38.90 1.80 0.40	63.47 3.05 0.00	78.26 3.71 0.00	101.82 5.56 0.00	80.89 4.16 -8.37	47.66 2.92 -0.91	49.71 3.13 0.00	45.22 2.66 0.00	37.48 2.15 0.00	32.25 1.76 0.00
STONY____BROOK 24151	32.63 2.42 -1.66	30.77 2.24 0.00	30.60 1.93 -2.41	30.65 1.80 -3.06	32.35 1.78 -4.33	27.82 1.74 0.00	24.13 1.84 0.00	26.23 2.16 0.00	33.51 2.66 -2.18	38.59 2.84 -3.67	47.03 2.71 -12.94	38.01 2.95 -0.58	39.97 3.60 -0.49	40.51 3.92 -0.34	58.25 4.04 -16.71	66.21 5.79 0.00	165.44 7.52 -83.37	135.63 9.21 -30.15	126.94 6.37 -52.20	65.03 3.95 -17.24	50.59 3.91 -0.09	46.52 3.54 -0.42	39.47 3.13 -1.01	35.08 2.75 -1.85
STURGEON_POOL_HYD 23609	30.00 1.44 0.00	29.85 1.32 0.00	27.28 1.01 0.00	26.70 0.91 0.00	27.15 0.90 0.00	26.99 0.91 0.00	23.38 1.09 0.00	25.45 1.38 0.00	30.39 1.72 0.00	34.10 2.02 0.00	33.42 2.04 0.00	37.15 2.37 -0.30	38.75 2.65 -0.21	39.22 2.82 -0.14	40.58 2.91 -0.17	65.08 4.66 0.00	80.46 5.92 0.00	103.81 7.54 0.00	73.48 5.11 0.00	46.69 2.86 0.00	49.45 2.86 0.00	45.22 2.67 0.00	37.49 2.17 0.00	32.23 1.74 0.00
ST_LAW_115_BK7_LBMP 345037	27.98 -0.57 0.00	27.94 -0.60 0.00	25.87 -0.41 0.00	25.42 -0.36 0.00	25.87 -0.37 0.00	25.74 -0.35 0.00	21.78 -0.52 0.00	23.51 -0.55 0.00	28.02 -0.65 0.00	31.22 -0.85 0.00	30.57 -0.81 0.00	33.54 -0.94 0.00	34.75 -1.13 0.00	35.01 -1.24 0.00	36.31 -1.18 0.00	58.54 -1.89 0.00	72.34 -2.20 0.00	93.54 -2.73 0.00	66.43 -1.94 0.00	42.64 -1.19 0.00	45.33 -1.26 0.00	41.51 -1.05 0.00	34.49 -0.83 0.00	29.87 -0.62 0.00
ST_LAW_115_BK8_LBMP 345038	27.98 -0.57 0.00	27.94 -0.60 0.00	25.87 -0.41 0.00	25.42 -0.36 0.00	25.87 -0.37 0.00	25.74 -0.35 0.00	21.78 -0.52 0.00	23.51 -0.55 0.00	28.02 -0.65 0.00	31.22 -0.85 0.00	30.57 -0.81 0.00	33.54 -0.94 0.00	34.75 -1.13 0.00	35.01 -1.24 0.00	36.31 -1.18 0.00	58.54 -1.89 0.00	72.34 -2.20 0.00	93.54 -2.73 0.00	66.43 -1.94 0.00	42.64 -1.19 0.00	45.33 -1.26 0.00	41.51 -1.05 0.00	34.49 -0.83 0.00	29.87 -0.62 0.00

ST_LAW_230_BK5_LBMP 345035	28.05 -0.50 0.00	28.01 -0.53 0.00	25.91 -0.36 0.00	25.47 -0.31 0.00	25.92 -0.32 0.00	25.79 -0.29 0.00	21.83 -0.47 0.00	23.57 -0.50 0.00	28.08 -0.58 0.00	31.31 -0.76 0.00	30.65 -0.73 0.00	33.63 -0.85 0.00	34.85 -1.03 0.00	35.12 -1.13 0.00	36.42 -1.08 0.00	58.71 -1.71 0.00	72.54 -2.00 0.00	93.78 -2.49 0.00	66.60 -1.77 0.00	42.75 -1.08 0.00	45.45 -1.13 0.00	41.59 -0.96 0.00	34.56 -0.76 0.00	29.93 -0.56 0.00
ST_LAW_230_BK6_LBMP 345036	28.05 -0.50 0.00	28.01 -0.53 0.00	25.91 -0.36 0.00	25.47 -0.31 0.00	25.92 -0.32 0.00	25.79 -0.29 0.00	21.83 -0.47 0.00	23.57 -0.50 0.00	28.08 -0.58 0.00	31.31 -0.76 0.00	30.65 -0.73 0.00	33.63 -0.85 0.00	34.85 -1.03 0.00	35.12 -1.13 0.00	36.42 -1.08 0.00	58.71 -1.71 0.00	72.54 -2.00 0.00	93.78 -2.49 0.00	66.60 -1.77 0.00	42.75 -1.08 0.00	45.45 -1.13 0.00	41.59 -0.96 0.00	34.56 -0.76 0.00	29.93 -0.56 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.89 1.34 0.00	29.76 1.23 0.00	27.22 0.95 0.00	26.64 0.85 0.00	27.08 0.84 0.00	26.93 0.84 0.00	23.32 1.03 0.00	25.34 1.27 0.00	28.04 1.55 2.18	30.10 1.77 3.75	19.94 1.78 13.21	37.07 2.01 -0.58	38.55 2.27 -0.40	38.99 2.46 -0.28	40.39 2.57 -0.32	64.57 4.15 0.00	79.82 5.27 0.00	103.06 6.79 0.00	26.56 4.71 46.52	28.05 2.69 18.47	49.29 2.71 0.00	45.04 2.48 0.00	36.21 2.01 1.12	32.13 1.65 0.00
SWANROAD_115KV_TB1 355699	28.14 -0.41 0.00	27.88 -0.65 0.00	25.21 -1.06 0.00	24.59 -1.20 0.00	24.94 -1.31 0.00	24.86 -1.23 0.00	21.32 -0.97 0.00	22.78 -1.29 0.00	27.32 -1.34 0.00	31.07 -1.00 0.00	30.90 -0.47 0.00	34.12 -0.35 0.00	35.31 -0.57 0.00	35.07 -1.18 0.00	36.20 -1.30 0.00	58.23 -2.20 0.00	72.10 -2.45 -0.01	90.75 -5.53 -0.01	64.09 -4.28 -0.01	41.30 -2.53 0.00	43.88 -2.71 0.00	40.10 -2.45 0.00	33.39 -1.93 0.00	29.33 -1.16 0.00
SYNERGY___BIOGAS 323694	29.51 0.96 0.00	29.22 0.68 0.00	26.44 0.17 0.00	25.78 -0.01 0.00	26.17 -0.08 0.00	26.08 -0.01 0.00	22.41 0.11 0.00	24.05 -0.02 0.00	28.87 0.20 0.00	32.85 0.78 0.00	32.49 1.12 0.00	35.84 1.36 0.00	37.16 1.28 0.00	37.07 0.82 0.00	38.41 0.91 0.00	62.02 1.60 0.00	77.24 2.70 -0.01	97.90 1.62 -0.01	69.23 0.85 -0.01	44.39 0.56 0.00	47.08 0.50 0.00	42.94 0.39 0.00	35.64 0.32 0.00	30.99 0.51 0.00
SYRACUSE___ENERGY_ST1 323597	29.01 0.06 -0.40	28.62 0.09 0.00	26.22 -0.05 0.00	25.70 -0.09 0.00	26.15 -0.09 0.00	26.00 -0.08 0.00	22.31 0.02 0.00	24.04 -0.03 0.00	28.99 0.04 -0.28	34.29 0.21 -2.00	33.57 0.30 -1.90	37.35 0.39 -2.49	39.04 0.43 -2.73	39.46 0.41 -2.80	41.01 0.44 -3.07	68.53 0.80 -7.32	84.71 1.07 -9.10	105.26 1.05 -7.95	74.78 0.71 -5.70	48.09 0.44 -3.82	51.79 0.48 -4.73	46.85 0.33 -3.97	38.14 0.21 -2.61	32.29 0.11 -1.70
SYRACUSE___ENERGY_ST2 323598	29.01 0.06 -0.40	28.62 0.09 0.00	26.22 -0.05 0.00	25.70 -0.09 0.00	26.15 -0.09 0.00	26.00 -0.08 0.00	22.31 0.02 0.00	24.04 -0.03 0.00	28.99 0.04 -0.28	34.29 0.21 -2.00	33.57 0.30 -1.90	37.35 0.39 -2.49	39.04 0.43 -2.73	39.46 0.41 -2.80	41.01 0.44 -3.07	68.53 0.80 -7.32	84.71 1.07 -9.10	105.26 1.05 -7.95	74.78 0.71 -5.70	48.09 0.44 -3.82	51.79 0.48 -4.73	46.85 0.33 -3.97	38.14 0.21 -2.61	32.29 0.11 -1.70
SYRACUSE___POWER 24017	28.86 0.04 -0.27	28.59 0.06 0.00	26.19 -0.08 0.00	25.67 -0.12 0.00	26.12 -0.12 0.00	25.98 -0.11 0.00	22.29 -0.01 0.00	24.01 -0.06 0.00	28.85 0.00 -0.19	33.60 0.17 -1.35	32.90 0.25 -1.28	36.47 0.32 -1.68	38.09 0.37 -1.84	38.50 0.36 -1.89	39.95 0.39 -2.06	66.06 0.71 -4.93	81.62 0.95 -6.13	102.57 0.95 -5.35	72.82 0.61 -3.84	46.77 0.37 -2.57	50.14 0.37 -3.19	45.49 0.26 -2.67	37.25 0.17 -1.76	31.69 0.06 -1.14
TALLMAN___138KV_BK151 55660	30.04 1.49 0.00	29.91 1.37 0.00	27.35 1.08 0.00	26.73 0.94 0.00	27.17 0.92 0.00	27.02 0.94 0.00	23.44 1.15 0.00	25.50 1.43 0.00	27.45 1.74 2.96	28.97 1.98 5.08	15.43 1.98 17.93	37.31 2.21 -0.62	38.80 2.48 -0.43	39.23 2.69 -0.30	40.65 2.81 -0.35	64.97 4.55 0.00	80.32 5.77 0.00	103.65 7.38 0.00	16.42 5.07 57.03	22.92 2.88 23.78	49.45 2.87 0.00	45.21 2.66 0.00	36.01 2.15 1.47	32.26 1.78 0.00
TEALLAVE_115KV_TB7 355573	28.72 -0.04 -0.22	28.52 -0.02 0.00	26.13 -0.15 0.00	25.60 -0.19 0.00	26.05 -0.19 0.00	25.90 -0.19 0.00	22.22 -0.07 0.00	23.94 -0.13 0.00	28.73 -0.09 -0.15	33.24 0.08 -1.09	32.57 0.16 -1.03	36.05 0.22 -1.36	37.62 0.25 -1.49	38.00 0.22 -1.53	39.41 0.24 -1.67	64.87 0.46 -3.99	80.16 0.65 -4.97	101.15 0.55 -4.34	71.81 0.33 -3.11	46.10 0.18 -2.08	49.35 0.18 -2.58	44.81 0.09 -2.16	36.81 0.06 -1.43	31.37 -0.04 -0.93
TELGRAPH_34_KV_EAST 80808	28.91 0.36 0.00	28.64 0.10 0.00	25.90 -0.37 0.00	25.26 -0.53 0.00	25.62 -0.62 0.00	25.53 -0.55 0.00	21.92 -0.38 0.00	23.47 -0.60 0.00	28.18 -0.49 0.00	32.06 -0.01 0.00	31.83 0.46 0.00	35.16 0.69 0.00	36.41 0.53 0.00	36.24 -0.01 0.00	37.47 -0.03 0.00	60.36 -0.06 0.00	74.95 0.40 -0.01	94.55 -1.73 -0.01	66.80 -1.58 -0.01	42.92 -0.91 0.00	45.56 -1.03 0.00	41.59 -0.96 0.00	34.59 -0.73 0.00	30.21 -0.27 0.00
TEMPLE___115KV_TB 2 55572	28.74 -0.03 -0.21	28.53 0.00 0.00	26.14 -0.14 0.00	25.62 -0.17 0.00	26.07 -0.18 0.00	25.92 -0.17 0.00	22.24 -0.05 0.00	23.96 -0.11 0.00	28.75 -0.06 -0.15	33.27 0.11 -1.09	32.59 0.18 -1.03	36.08 0.24 -1.36	37.65 0.28 -1.49	38.03 0.26 -1.53	39.44 0.28 -1.67	64.92 0.52 -3.98	80.22 0.72 -4.96	101.20 0.61 -4.33	71.86 0.39 -3.10	46.13 0.22 -2.08	49.37 0.20 -2.58	44.83 0.12 -2.16	36.81 0.07 -1.42	31.38 -0.02 -0.92
TIANA___69_KV_BK 1 55817	32.75 2.54 -1.65	30.87 2.34 0.00	30.71 2.03 -2.40	30.75 1.91 -3.06	32.44 1.86 -4.33	27.90 1.81 0.00	24.20 1.91 0.00	26.36 2.29 0.00	33.67 2.82 -2.18	38.80 3.06 -3.67	47.25 2.94 -12.94	38.33 3.23 -0.62	40.35 3.98 -0.48	40.89 4.30 -0.33	57.16 4.46 -15.21	67.09 6.66 0.00	136.75 8.77 -53.43	126.81 10.60 -19.94	125.91 7.19 -50.35	65.62 4.55 -17.24	51.38 4.70 -0.09	47.11 4.14 -0.42	39.84 3.50 -1.01	35.43 3.09 -1.85
TILDEN___115KV_TB1 80814	28.86 0.04 -0.27	28.59 0.06 0.00	26.19 -0.08 0.00	25.67 -0.12 0.00	26.12 -0.12 0.00	25.98 -0.11 0.00	22.29 -0.01 0.00	24.01 -0.06 0.00	28.85 0.00 -0.19	33.60 0.17 -1.35	32.90 0.25 -1.28	36.47 0.32 -1.68	38.09 0.37 -1.84	38.50 0.36 -1.89	39.95 0.39 -2.06	66.06 0.71 -4.93	81.62 0.95 -6.13	102.57 0.95 -5.35	72.82 0.61 -3.84	46.77 0.37 -2.57	50.14 0.37 -3.19	45.49 0.26 -2.67	37.25 0.17 -1.76	31.69 0.06 -1.14
TRIGEN___CC 323695	32.28 2.08 -1.65	30.45 1.91 0.00	30.25 1.58 -2.40	30.30 1.46 -3.06	32.02 1.45 -4.33	27.52 1.44 0.00	23.86 1.56 0.00	25.95 1.88 0.00	33.16 2.31 -2.18	38.31 2.56 -3.67	46.88 2.56 -12.94	38.01 2.84 -0.69	39.66 3.29 -0.48	40.07 3.49 -0.33	53.77 3.63 -12.64	65.88 5.45 0.00	94.93 6.98 -13.41	118.42 8.74 -13.41	121.63 6.05 -47.21	64.68 3.61 -17.24	50.31 3.64 -0.09	46.33 3.36 -0.42	39.21 2.87 -1.01	34.80 2.46 -1.85

TRINITY__115KV__4 BK 55933	29.06 0.51 0.00	29.02 0.48 0.00	26.66 0.39 0.00	26.19 0.40 0.00	26.66 0.42 0.00	26.48 0.40 0.00	22.84 0.55 0.00	24.70 0.63 0.00	29.64 0.62 -0.35	33.28 0.60 -0.60	34.04 0.54 -2.13	34.43 0.56 0.60	36.07 0.61 0.42	36.69 0.72 0.29	37.89 0.73 0.34	61.57 1.15 0.00	75.70 1.16 0.00	98.24 1.98 0.00	78.63 1.51 -8.75	45.82 1.04 -0.96	47.65 1.06 0.00	43.43 0.87 0.00	36.05 0.73 0.00	31.12 0.63 0.00
UNION__PROCESSING_DRP 323587	28.92 0.36 0.00	28.74 0.21 0.00	26.13 -0.14 0.00	25.52 -0.26 0.00	25.92 -0.32 0.00	25.81 -0.28 0.00	22.14 -0.16 0.00	23.81 -0.26 0.00	28.54 -0.12 0.00	32.34 0.27 0.00	31.98 0.60 0.00	35.30 0.83 0.00	36.66 0.77 0.00	36.72 0.47 0.00	38.02 0.52 0.00	61.34 0.92 0.00	75.98 1.44 0.00	96.63 0.36 0.00	68.34 -0.03 0.00	43.77 -0.06 0.00	46.44 -0.14 0.00	42.35 -0.20 0.00	35.17 -0.15 0.00	30.45 -0.04 0.00
UPPER HUDSON__HYD 24058	30.26 1.70 0.00	30.09 1.55 0.00	27.58 1.31 0.00	27.09 1.30 0.00	27.56 1.31 0.00	27.41 1.33 0.00	23.56 1.27 0.00	25.54 1.47 0.00	30.53 1.54 -0.32	34.40 1.76 -0.56	34.82 1.48 -1.96	35.57 1.74 0.65	37.34 1.91 0.45	37.75 1.81 0.31	38.91 1.77 0.36	63.57 3.15 0.00	78.53 3.99 0.00	102.49 6.22 0.00	81.33 4.84 -8.12	48.19 3.48 -0.89	50.39 3.81 0.00	45.74 3.18 0.00	37.88 2.55 0.00	32.55 2.07 0.00
UPPER RAQUET__HYD 24056	27.52 -1.09 -0.07	27.42 -1.11 0.00	25.36 -0.91 0.00	24.95 -0.84 0.00	25.40 -0.84 0.00	25.29 -0.79 0.00	21.40 -0.89 0.00	23.15 -0.92 0.00	27.59 -1.12 -0.05	30.98 -1.43 -0.33	30.44 -1.25 -0.32	33.47 -1.42 -0.42	34.67 -1.67 -0.46	35.03 -1.69 -0.47	36.35 -1.66 -0.51	59.09 -2.56 -1.22	72.98 -3.08 -1.52	94.25 -3.35 -1.33	67.03 -2.29 -0.95	43.17 -1.30 -0.64	46.05 -1.32 -0.79	42.12 -1.10 -0.66	34.82 -0.94 -0.44	29.98 -0.79 -0.28
VALLEY44_115KV_TB2 355964	29.03 0.48 0.00	28.83 0.30 0.00	26.07 -0.20 0.00	25.42 -0.37 0.00	25.86 -0.38 0.00	25.76 -0.33 0.00	22.27 -0.02 0.00	23.95 -0.12 0.00	28.65 -0.02 0.00	32.63 0.55 0.00	32.03 0.66 0.00	35.49 1.01 0.00	36.87 0.98 0.00	36.83 0.58 0.00	38.01 0.51 0.00	61.26 0.84 0.00	75.84 1.29 0.00	95.22 -1.05 0.00	67.29 -1.09 -0.01	43.24 -0.59 0.00	46.03 -0.55 0.00	41.99 -0.57 0.00	35.00 -0.32 0.00	30.33 -0.16 0.00
VALLEY__115KV_TB 1-4 80826	29.14 0.59 0.00	29.08 0.55 0.00	26.68 0.40 0.00	26.16 0.37 0.00	26.65 0.40 0.00	26.47 0.39 0.00	22.78 0.49 0.00	24.65 0.58 0.00	29.25 0.59 0.00	32.67 0.60 0.00	31.90 0.52 0.00	35.11 0.64 0.00	36.69 0.81 0.00	37.12 0.87 0.00	38.16 0.66 0.00	61.62 1.20 0.00	76.20 1.66 0.00	98.80 2.53 0.00	70.17 1.80 0.00	45.27 1.44 0.00	48.15 1.56 0.00	43.87 1.31 0.00	36.35 1.02 0.00	31.13 0.64 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.01 1.40 -0.07	29.81 1.28 0.00	27.30 1.02 0.00	26.77 0.99 0.00	27.31 1.07 0.00	27.08 1.00 0.00	23.29 1.00 0.00	25.23 1.16 0.00	30.16 1.45 -0.05	34.21 1.80 -0.33	33.56 1.87 -0.32	37.05 2.15 -0.41	38.69 2.35 -0.46	39.20 2.48 -0.47	40.62 2.61 -0.51	65.99 4.35 -1.22	80.88 4.82 -1.52	103.38 5.79 -1.33	73.41 4.09 -0.95	47.01 2.54 -0.64	50.11 2.74 -0.79	45.69 2.47 -0.66	37.78 2.02 -0.44	32.44 1.67 -0.28
VISCHER__FERRY HYD 24020	29.56 1.01 0.00	29.51 0.98 0.00	27.12 0.84 0.00	26.63 0.84 0.00	27.10 0.86 0.00	26.94 0.86 0.00	23.18 0.89 0.00	25.07 1.01 0.00	30.06 1.04 -0.36	33.74 1.06 -0.61	34.50 0.97 -2.16	34.65 1.05 0.88	36.40 1.13 0.61	37.03 1.20 0.42	38.19 1.17 0.48	62.31 1.89 0.00	76.68 2.13 0.00	99.85 3.59 0.00	80.11 2.68 -9.06	46.72 1.90 -0.99	48.59 2.01 0.00	44.24 1.69 0.00	36.71 1.39 0.00	31.64 1.16 0.00
V_A_10_SYNC_DSASP 323832	28.47 -0.08 0.00	28.27 -0.27 0.00	25.62 -0.65 0.00	25.01 -0.78 0.00	25.38 -0.86 0.00	25.28 -0.81 0.00	21.70 -0.60 0.00	23.27 -0.80 0.00	27.90 -0.77 0.00	31.69 -0.38 0.00	31.39 0.02 0.00	34.66 0.18 0.00	35.90 0.02 0.00	35.76 -0.49 0.00	36.93 -0.57 0.00	59.50 -0.92 0.00	73.65 -0.90 0.00	93.06 -3.20 0.00	65.77 -2.60 0.00	42.24 -1.59 0.00	44.89 -1.69 0.00	41.00 -1.55 0.00	34.14 -1.19 0.00	29.72 -0.76 0.00
V_CMM_10_SYNC_DSASP 323787	28.12 -0.43 0.00	28.08 -0.46 0.00	25.99 -0.28 0.00	25.54 -0.25 0.00	26.00 -0.25 0.00	25.86 -0.23 0.00	21.88 -0.42 0.00	23.63 -0.44 0.00	28.14 -0.53 0.00	31.38 -0.70 0.00	30.73 -0.65 0.00	33.72 -0.76 0.00	34.94 -0.94 0.00	35.20 -1.05 0.00	36.51 -0.99 0.00	58.85 -1.58 0.00	72.73 -1.82 0.00	94.01 -2.26 0.00	66.76 -1.61 0.00	42.86 -0.97 0.00	45.55 -1.04 0.00	41.70 -0.85 0.00	34.66 -0.67 0.00	30.02 -0.47 0.00
V_CMP_10_SYNC_DSASP 323788	28.89 0.34 0.00	28.85 0.32 0.00	26.46 0.19 0.00	26.06 0.27 0.00	26.59 0.35 0.00	26.51 0.43 0.00	22.57 0.28 0.00	24.40 0.33 0.00	28.96 0.30 0.00	32.26 0.19 0.00	31.64 0.26 0.00	34.77 0.30 0.00	36.05 0.17 0.00	36.39 0.13 0.00	37.50 0.00 0.00	60.84 0.42 0.00	75.24 0.69 0.00	97.50 1.23 0.00	69.26 0.89 0.00	44.50 0.67 0.00	47.32 0.73 0.00	43.11 0.56 0.00	35.78 0.45 0.00	30.87 0.38 0.00
V_D_10_SYNC_DSASP 323841	28.07 -0.48 0.00	28.03 -0.51 0.00	25.94 -0.34 0.00	25.49 -0.30 0.00	25.95 -0.30 0.00	25.81 -0.27 0.00	21.84 -0.45 0.00	23.59 -0.48 0.00	28.09 -0.58 0.00	31.29 -0.78 0.00	30.66 -0.71 0.00	33.66 -0.82 0.00	34.85 -1.03 0.00	35.13 -1.13 0.00	36.44 -1.06 0.00	58.75 -1.67 0.00	72.59 -1.96 0.00	93.95 -2.32 0.00	66.74 -1.63 0.00	42.86 -0.97 0.00	45.59 -0.99 0.00	41.74 -0.81 0.00	34.68 -0.64 0.00	30.02 -0.46 0.00
V_E_10_SYNC_DSASP 323830	31.25 2.55 -0.15	30.96 2.42 0.00	28.22 1.95 0.00	27.65 1.87 0.00	28.15 1.90 0.00	28.04 1.95 0.00	24.16 1.86 0.00	26.16 2.09 0.00	31.30 2.52 -0.11	35.97 3.12 -0.78	35.25 3.14 -0.73	38.86 3.41 -0.97	40.52 3.57 -1.06	40.96 3.63 -1.09	42.55 3.86 -1.19	69.56 6.30 -2.84	86.11 8.04 -3.53	109.11 9.76 -3.09	77.93 7.35 -2.21	50.21 4.90 -1.48	53.72 5.30 -1.84	48.77 4.68 -1.54	40.03 3.69 -1.01	34.03 2.89 -0.66
V_F_30_NSYNC__DSASP 323816	30.12 1.57 0.00	30.01 1.47 0.00	27.54 1.27 0.00	27.03 1.25 0.00	27.52 1.27 0.00	27.35 1.26 0.00	23.53 1.24 0.00	25.46 1.39 0.00	30.52 1.52 -0.33	34.31 1.67 -0.56	34.94 1.57 -1.99	35.55 1.76 0.69	37.30 1.90 0.48	37.84 1.92 0.33	39.04 1.92 0.38	63.65 3.23 0.00	78.50 3.95 0.00	102.08 5.81 0.00	80.94 4.32 -8.25	47.73 3.00 -0.90	49.79 3.21 0.00	45.29 2.73 0.00	37.52 2.20 0.00	32.30 1.81 0.00
V_F_30_SYNC_DSASP 323786	29.22 0.66 0.00	29.17 0.64 0.00	26.80 0.53 0.00	26.31 0.53 0.00	26.80 0.55 0.00	26.61 0.53 0.00	22.96 0.66 0.00	24.83 0.76 0.00	29.81 0.79 -0.35	33.48 0.81 -0.59	34.24 0.77 -2.09	34.68 0.82 0.62	36.35 0.90 0.43	36.98 1.02 0.29	38.20 1.04 0.34	62.07 1.65 0.00	76.34 1.80 0.00	99.00 2.74 0.00	79.04 2.03 -8.64	46.14 1.36 -0.94	47.98 1.40 0.00	43.73 1.18 0.00	36.29 0.97 0.00	31.31 0.82 0.00



V_XM10_SYNC_DSASP 323789	28.89 0.34 0.00	28.85 0.32 0.00	26.46 0.19 0.00	26.06 0.27 0.00	26.59 0.35 0.00	26.51 0.43 0.00	22.57 0.28 0.00	24.40 0.33 0.00	28.96 0.30 0.00	32.26 0.19 0.00	31.64 0.26 0.00	34.77 0.30 0.00	36.05 0.17 0.00	36.39 0.13 0.00	37.50 0.00 0.00	60.84 0.42 0.00	75.24 0.69 0.00	97.50 1.23 0.00	69.26 0.89 0.00	44.50 0.67 0.00	47.32 0.73 0.00	43.11 0.56 0.00	35.78 0.45 0.00	30.87 0.38 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.15 1.60 0.00	30.01 1.48 0.00	27.44 1.17 0.00	26.83 1.05 0.00	27.27 1.02 0.00	27.13 1.04 0.00	23.53 1.23 0.00	25.59 1.52 0.00	27.37 1.86 3.16	28.76 2.11 5.42	14.35 2.11 19.13	37.45 2.34 -0.63	38.93 2.60 -0.44	39.35 2.80 -0.30	40.78 2.93 -0.35	65.18 4.76 0.00	80.57 6.03 0.00	103.97 7.70 0.00	14.47 5.30 59.21	22.53 3.02 24.32	49.61 3.02 0.00	45.33 2.78 0.00	36.08 2.25 1.50	32.34 1.86 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.35 1.80 0.00	30.19 1.65 0.00	27.59 1.31 0.00	26.97 1.18 0.00	27.41 1.17 0.00	27.28 1.19 0.00	23.68 1.39 0.00	25.80 1.73 0.00	32.92 2.13 -2.12	38.14 2.43 -3.64	46.65 2.45 -12.83	37.91 2.74 -0.69	39.45 3.09 -0.48	39.85 3.27 -0.33	41.31 3.42 -0.38	65.98 5.56 0.00	81.45 6.90 0.00	104.99 8.72 0.00	121.47 6.08 -47.01	64.37 3.42 -17.12	49.99 3.41 0.00	45.71 3.16 0.00	38.98 2.66 -1.00	32.71 2.23 0.00
W50THST__13_KV_LOAD 356117	30.51 1.96 0.00	30.34 1.81 0.00	27.73 1.45 0.00	27.10 1.32 0.00	27.55 1.30 0.00	27.42 1.34 0.00	23.83 1.53 0.00	25.98 1.92 0.00	33.16 2.37 -2.12	38.42 2.70 -3.64	46.92 2.72 -12.83	38.21 3.04 -0.69	39.77 3.40 -0.48	40.16 3.57 -0.33	41.63 3.75 -0.38	66.52 6.10 0.00	82.16 7.62 0.00	105.86 9.59 0.00	122.00 6.62 -47.01	64.68 3.73 -17.12	50.31 3.73 0.00	46.00 3.45 0.00	39.21 2.89 -1.00	32.92 2.43 0.00
WADING RIVER_IC_1 23522	32.39 2.18 -1.66	30.52 1.99 0.00	30.38 1.70 -2.41	30.43 1.58 -3.06	32.12 1.55 -4.33	27.59 1.50 0.00	23.93 1.64 0.00	26.03 1.96 0.00	33.28 2.43 -2.18	38.33 2.59 -3.67	46.77 2.45 -12.94	37.77 2.67 -0.62	39.70 3.33 -0.49	40.24 3.65 -0.33	56.49 3.81 -15.18	66.03 5.61 0.00	134.77 7.41 -52.82	124.73 8.74 -19.72	124.62 5.94 -50.31	64.94 3.87 -17.24	50.60 3.92 -0.09	46.46 3.48 -0.42	39.32 2.98 -1.01	34.96 2.62 -1.85
WADING RIVER_IC_2 23547	32.39 2.18 -1.66	30.52 1.99 0.00	30.38 1.70 -2.41	30.43 1.58 -3.06	32.12 1.55 -4.33	27.59 1.50 0.00	23.93 1.64 0.00	26.03 1.96 0.00	33.28 2.43 -2.18	38.33 2.59 -3.67	46.77 2.45 -12.94	37.77 2.67 -0.62	39.70 3.33 -0.49	40.24 3.65 -0.33	56.49 3.81 -15.18	66.03 5.61 0.00	134.77 7.41 -52.82	124.73 8.74 -19.72	124.62 5.94 -50.31	64.94 3.87 -17.24	50.60 3.92 -0.09	46.46 3.48 -0.42	39.32 2.98 -1.01	34.96 2.62 -1.85
WADING RIVER_IC_3 23601	32.39 2.18 -1.66	30.52 1.99 0.00	30.38 1.70 -2.41	30.43 1.58 -3.06	32.12 1.55 -4.33	27.59 1.50 0.00	23.93 1.64 0.00	26.03 1.96 0.00	33.28 2.43 -2.18	38.33 2.59 -3.67	46.77 2.45 -12.94	37.77 2.67 -0.62	39.70 3.33 -0.49	40.24 3.65 -0.33	56.49 3.81 -15.18	66.03 5.61 0.00	134.77 7.41 -52.82	124.73 8.74 -19.72	124.62 5.94 -50.31	64.94 3.87 -17.24	50.60 3.92 -0.09	46.46 3.48 -0.42	39.32 2.98 -1.01	34.96 2.62 -1.85
WALDENNY_12_KV_BK2 80841	29.01 0.46 0.00	28.76 0.23 0.00	26.00 -0.27 0.00	25.35 -0.44 0.00	25.73 -0.52 0.00	25.62 -0.46 0.00	22.02 -0.27 0.00	23.62 -0.45 0.00	28.36 -0.30 0.00	32.33 0.25 0.00	32.11 0.74 0.00	35.57 1.10 0.00	36.90 1.01 0.00	36.76 0.51 0.00	37.96 0.46 0.00	61.24 0.81 0.00	75.74 1.19 -0.01	95.24 -1.04 -0.01	67.17 -1.20 -0.01	43.16 -0.67 0.00	45.81 -0.78 0.00	41.80 -0.76 0.00	34.78 -0.55 0.00	30.30 -0.18 0.00
WALDEN__HYDRO 24148	30.06 1.50 0.00	29.91 1.37 0.00	27.36 1.09 0.00	26.77 0.98 0.00	27.21 0.97 0.00	27.06 0.97 0.00	23.43 1.14 0.00	25.48 1.41 0.00	29.75 1.71 0.63	32.96 1.97 1.09	29.54 2.00 3.83	37.24 2.24 -0.53	38.75 2.50 -0.37	39.19 2.69 -0.25	40.61 2.81 -0.29	65.02 4.60 0.00	80.40 5.86 0.00	103.78 7.51 0.00	59.28 5.24 14.33	41.35 3.03 5.51	49.63 3.05 0.00	45.35 2.80 0.00	37.26 2.27 0.33	32.33 1.85 0.00
WARRENSBURG____ 23737	30.26 1.70 0.00	30.09 1.55 0.00	27.58 1.31 0.00	27.09 1.30 0.00	27.56 1.31 0.00	27.41 1.33 0.00	23.56 1.27 0.00	25.54 1.47 0.00	30.53 1.54 -0.32	34.40 1.76 -0.56	34.82 1.48 -1.96	35.57 1.74 0.65	37.34 1.91 0.45	37.75 1.81 0.31	38.91 1.77 0.36	63.57 3.15 0.00	78.53 3.99 0.00	102.49 6.22 0.00	81.33 4.84 -8.12	48.19 3.48 -0.89	50.39 3.81 0.00	45.74 3.18 0.00	37.88 2.55 0.00	32.55 2.07 0.00
WATERSIDE____6 8 9 23538	30.36 1.81 0.00	30.21 1.68 0.00	27.60 1.33 0.00	26.98 1.19 0.00	27.42 1.18 0.00	27.30 1.21 0.00	23.72 1.42 0.00	25.81 1.74 0.00	32.91 2.13 -2.12	38.12 2.41 -3.64	46.63 2.44 -12.82	37.86 2.69 -0.69	39.42 3.05 -0.48	39.80 3.22 -0.33	41.25 3.37 -0.38	65.89 5.47 0.00	81.32 6.78 0.00	104.88 8.61 0.00	121.32 5.94 -47.00	64.27 3.33 -17.11	49.91 3.32 0.00	45.65 3.10 0.00	38.94 2.61 -1.00	31.24 2.19 1.44
WATKINRD_115KV_LN8_ILLION 55919	28.95 0.40 0.00	28.91 0.38 0.00	26.54 0.27 0.00	26.04 0.25 0.00	26.51 0.27 0.00	26.34 0.26 0.00	22.63 0.34 0.00	24.47 0.40 0.00	29.07 0.41 0.00	32.48 0.41 0.00	31.73 0.35 0.00	34.93 0.45 0.00	36.45 0.57 0.00	36.86 0.61 0.00	37.97 0.47 0.00	61.24 0.81 0.00	75.70 1.16 0.00	98.01 1.75 0.00	69.65 1.28 0.00	44.85 1.02 0.00	47.70 1.12 0.00	43.50 0.94 0.00	36.06 0.74 0.00	30.99 0.51 0.00
WATSON__69_KV_BK 1 55734	32.97 2.76 -1.65	31.08 2.55 0.00	30.87 2.20 -2.40	30.91 2.06 -3.06	32.62 2.05 -4.33	28.09 2.01 0.00	24.36 2.06 0.00	26.48 2.41 0.00	33.81 2.96 -2.18	38.94 3.20 -3.67	47.43 3.11 -12.94	38.47 3.38 -0.62	40.37 4.01 -0.48	40.90 4.32 -0.33	55.99 4.50 -13.99	67.01 6.59 0.00	112.98 8.56 -29.88	119.56 10.61 -12.69	124.60 7.38 -48.86	65.65 4.58 -17.24	51.31 4.64 -0.09	47.24 4.27 -0.42	39.98 3.64 -1.02	35.49 3.16 -1.85
WDELAWARE__HYD 323627	29.35 0.80 0.00	29.18 0.65 0.00	26.67 0.39 0.00	26.09 0.30 0.00	26.51 0.27 0.00	26.38 0.29 0.00	22.81 0.52 0.00	24.80 0.74 0.00	29.16 0.94 0.44	32.47 1.15 0.76	29.88 1.18 2.68	36.31 1.44 -0.40	37.75 1.59 -0.28	37.37 0.93 -0.19	38.73 1.01 -0.22	62.10 1.67 0.00	77.09 2.55 0.00	99.54 3.28 0.00	58.93 2.19 11.63	40.98 1.18 4.03	47.82 1.23 0.00	44.61 2.05 0.00	36.68 1.59 0.23	31.68 1.19 0.00
WEST BABYLON__IC 23714	32.86 2.65 -1.65	30.96 2.43 0.00	30.76 2.08 -2.40	30.80 1.95 -3.06	32.51 1.94 -4.33	27.98 1.90 0.00	24.26 1.97 0.00	26.37 2.30 0.00	33.66 2.81 -2.18	38.76 3.01 -3.67	47.27 2.96 -12.94	38.33 3.20 -0.65	40.18 3.81 -0.48	40.65 4.07 -0.33	54.66 4.22 -12.94	66.62 6.20 0.00	93.77 8.07 -11.16	113.88 10.01 -7.60	122.93 6.99 -47.57	65.39 4.31 -17.24	51.06 4.39 -0.09	47.08 4.11 -0.42	39.86 3.52 -1.01	35.38 3.04 -1.85

WEST CANADA___HYD 24049	28.70 0.14 0.00	28.69 0.15 0.00	26.38 0.10 0.00	25.89 0.10 0.00	26.35 0.11 0.00	26.19 0.10 0.00	22.44 0.15 0.00	24.24 0.17 0.00	28.84 0.18 0.00	32.30 0.22 0.00	31.59 0.21 0.00	34.73 0.25 0.00	36.17 0.28 0.00	36.56 0.31 0.00	37.80 0.30 0.00	60.90 0.48 0.00	75.07 0.53 0.00	96.99 0.72 0.00	68.92 0.54 0.00	44.18 0.35 0.00	46.96 0.38 0.00	42.90 0.34 0.00	35.57 0.25 0.00	30.70 0.21 0.00
WESTERN_NY_WIND 24143	29.48 0.93 0.00	29.18 0.65 0.00	26.41 0.13 0.00	25.74 -0.04 0.00	26.13 -0.12 0.00	26.04 -0.05 0.00	22.37 0.08 0.00	24.01 -0.07 0.00	28.81 0.15 0.00	32.80 0.73 0.00	32.43 1.05 0.00	35.78 1.30 0.00	37.09 1.21 0.00	37.00 0.75 0.00	38.34 0.84 0.00	61.89 1.47 0.00	77.06 2.51 -0.01	97.66 1.39 -0.01	69.09 0.71 -0.01	44.30 0.46 0.00	46.97 0.39 0.00	42.84 0.29 0.00	35.56 0.24 0.00	30.94 0.45 0.00
WESTOVER___LESR 323668	29.20 0.50 -0.15	28.98 0.44 0.00	26.44 0.17 0.00	25.91 0.12 0.00	26.39 0.15 0.00	26.23 0.15 0.00	22.61 0.31 0.00	24.40 0.33 0.00	29.17 0.40 -0.10	33.53 0.71 -0.74	32.81 0.73 -0.70	36.39 0.99 -0.92	38.00 1.11 -1.01	38.32 1.03 -1.04	39.63 1.01 -1.13	64.84 1.72 -2.70	80.05 2.14 -3.36	100.99 1.79 -2.94	71.63 1.15 -2.11	46.01 0.77 -1.41	49.20 0.87 -1.75	44.71 0.69 -1.46	36.86 0.57 -0.97	31.51 0.40 -0.63
WETHRSFD_WT_PWR 323626	28.94 0.39 0.00	28.74 0.21 0.00	26.04 -0.23 0.00	25.42 -0.37 0.00	25.82 -0.43 0.00	25.71 -0.38 0.00	22.12 -0.17 0.00	23.75 -0.31 0.00	28.45 -0.21 0.00	32.35 0.27 0.00	31.98 0.61 0.00	35.37 0.89 0.00	36.71 0.82 0.00	36.64 0.39 0.00	37.86 0.36 0.00	61.02 0.60 0.00	75.57 1.02 0.00	95.32 -0.94 0.00	67.37 -1.00 0.00	43.30 -0.53 0.00	46.04 -0.54 0.00	42.00 -0.56 0.00	34.98 -0.34 0.00	30.38 -0.10 0.00
WHAVSTOR_138KV_BK127 55557	30.01 1.46 0.00	29.88 1.35 0.00	27.33 1.05 0.00	26.71 0.93 0.00	27.15 0.91 0.00	27.01 0.93 0.00	23.42 1.13 0.00	25.47 1.40 0.00	27.18 1.71 3.20	28.51 1.93 5.49	13.93 1.92 19.37	37.23 2.11 -0.64	38.68 2.35 -0.44	39.09 2.54 -0.30	40.50 2.64 -0.35	64.70 4.28 0.00	79.95 5.41 0.00	103.23 6.97 0.00	13.52 4.79 59.63	22.10 2.70 24.43	49.27 2.69 0.00	45.05 2.50 0.00	35.86 2.03 1.50	32.17 1.68 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.01 1.46 0.00	29.88 1.35 0.00	27.33 1.05 0.00	26.71 0.93 0.00	27.15 0.91 0.00	27.01 0.93 0.00	23.42 1.13 0.00	25.47 1.40 0.00	27.18 1.71 3.20	28.51 1.93 5.49	13.93 1.92 19.37	37.23 2.11 -0.64	38.68 2.35 -0.44	39.09 2.54 -0.30	40.50 2.64 -0.35	64.70 4.28 0.00	79.95 5.41 0.00	103.23 6.97 0.00	13.52 4.79 59.63	22.10 2.70 24.43	49.27 2.69 0.00	45.05 2.50 0.00	35.86 2.03 1.50	32.17 1.68 0.00
WHITEHAL_115KV_TB1 80871	31.57 3.01 0.00	31.27 2.73 0.00	28.47 2.19 0.00	28.09 2.30 0.00	28.58 2.33 0.00	28.46 2.37 0.00	24.56 2.26 0.00	26.59 2.53 0.00	31.30 2.31 -0.33	35.31 2.67 -0.56	35.67 2.32 -1.97	36.59 2.78 0.67	38.39 2.97 0.46	38.82 2.89 0.32	39.95 2.82 0.37	65.80 5.38 0.00	81.18 6.64 0.00	106.81 10.54 0.00	83.75 7.21 -8.17	49.79 5.07 -0.89	52.18 5.60 0.00	47.11 4.55 0.00	39.03 3.71 0.00	33.73 3.24 0.00
WHITEPLN_13_KV_LOAD 356215	30.53 1.98 0.00	30.37 1.84 0.00	27.75 1.48 0.00	27.14 1.36 0.00	27.59 1.34 0.00	27.45 1.37 0.00	23.82 1.53 0.00	25.96 1.89 0.00	33.23 2.30 -2.26	38.59 2.64 -3.88	47.74 2.68 -13.68	38.20 3.03 -0.69	39.75 3.38 -0.48	40.17 3.58 -0.33	41.65 3.77 -0.38	66.43 6.01 0.00	82.20 7.66 0.00	106.05 9.78 0.00	123.84 6.78 -48.69	66.22 3.91 -18.48	50.51 3.92 0.00	46.11 3.56 0.00	39.34 2.91 -1.10	32.89 2.41 0.00
WM_FLOYD_69_KV_BK2 356380	32.70 2.49 -1.65	30.83 2.29 0.00	30.66 1.98 -2.40	30.70 1.86 -3.06	32.41 1.84 -4.33	27.87 1.79 0.00	24.17 1.88 0.00	26.30 2.23 0.00	33.59 2.74 -2.18	38.68 2.94 -3.67	47.08 2.77 -12.94	38.08 2.99 -0.62	40.01 3.65 -0.48	40.54 3.96 -0.33	57.03 4.18 -15.36	66.62 6.20 0.00	139.12 8.10 -56.47	127.16 9.88 -21.00	125.68 6.78 -50.53	65.39 4.31 -17.24	51.05 4.37 -0.09	46.88 3.91 -0.42	39.67 3.33 -1.01	35.25 2.91 -1.85
WOODARD__115KV_TB2 355635	28.72 -0.12 -0.29	28.45 -0.09 0.00	26.07 -0.20 0.00	25.55 -0.24 0.00	26.01 -0.24 0.00	25.85 -0.23 0.00	22.17 -0.12 0.00	23.89 -0.18 0.00	28.71 -0.15 -0.20	33.51 -0.02 -1.45	32.81 0.07 -1.37	36.39 0.11 -1.80	38.00 0.14 -1.98	38.40 0.13 -2.03	39.85 0.13 -2.22	66.02 0.30 -5.30	81.56 0.43 -6.59	102.30 0.28 -5.75	72.66 0.17 -4.12	46.68 0.09 -2.76	50.08 0.07 -3.42	45.42 0.00 -2.87	37.18 -0.04 -1.89	31.60 -0.11 -1.23
YORK___WARBASSE 23770	30.49 1.94 0.00	30.32 1.79 0.00	27.70 1.43 0.00	27.06 1.28 0.00	27.49 1.24 0.00	27.36 1.27 0.00	23.77 1.47 0.00	25.86 1.79 0.00	32.97 2.18 -2.12	38.21 2.50 -3.64	46.74 2.54 -12.82	37.93 2.76 -0.69	39.53 3.16 -0.48	39.92 3.34 -0.33	41.40 3.52 -0.38	66.13 5.71 0.00	81.57 7.03 0.00	105.28 9.01 0.00	121.56 6.19 -47.00	64.43 3.49 -17.11	50.10 3.51 0.00	45.86 3.30 0.00	39.13 2.80 -1.01	41.17 2.34 -8.36