

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses															--- Marginal Cost of Congestion									
Generator Data		06/13/2024																								
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	
59TH STREET_GT_1 24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	22.71	20.01	18.45	17.44	17.84	19.17	22.05	23.95	24.89	25.15	27.38	29.01	31.58	35.57	35.65	36.90	41.21	43.84	44.56	42.50	40.41	35.17	30.50	27.15		
	1.84	1.49	1.46	1.27	1.30	1.40	1.67	2.04	2.32	2.51	2.72	2.79	2.86	2.99	3.12	3.28	4.37	4.66	4.49	4.14	3.56	3.20	2.72	2.29		
74TH STREET_GT_1 24260																										
	22.69	20.01	18.43	17.44	17.87	19.15	22.03	23.95	24.84	25.04	27.35	28.97	31.60	35.66	35.70	36.99	41.12	43.76	44.44	42.38	40.44	35.10	30.42	27.13		
	1.82	1.49	1.44	1.27	1.34	1.38	1.65	2.04	2.28	2.40	2.68	2.69	2.76	2.88	3.01	3.25	4.26	4.58	4.37	4.03	3.59	3.13	2.64	2.26		
74TH STREET_GT_2 24261																										
	22.69	20.01	18.43	17.44	17.87	19.15	22.03	23.95	24.84	25.04	27.35	28.97	31.60	35.66	35.70	36.99	41.12	43.76	44.44	42.38	40.44	35.10	30.42	27.13		
	1.82	1.49	1.44	1.27	1.34	1.38	1.65	2.04	2.28	2.40	2.68	2.69	2.76	2.88	3.01	3.25	4.26	4.58	4.37	4.03	3.59	3.13	2.64	2.26		
ADK HUDSON___FALLS 24011																										
	22.39	20.54	20.51	20.31	20.11	21.64	21.44	23.03	23.80	23.66	25.49	25.79	26.43	28.04	29.13	31.58	38.55	41.72	42.88	40.77	45.84	34.05	29.67	26.38		
	1.52	1.38	1.24	1.13	1.19	1.28	1.06	1.12	1.24	1.06	1.17	1.30	1.35	1.36	1.49	1.73	2.15	2.55	2.80	2.42	2.50	2.08	1.89	1.52		
ADK RESOURCE___RCVRY 23798																										
	22.50	20.65	20.59	20.40	20.17	21.74	21.97	23.60	24.41	24.30	25.56	25.89	26.53	28.17	29.27	31.76	38.74	41.92	43.11	41.00	46.04	34.24	29.84	26.48		
	1.63	1.49	1.31	1.21	1.24	1.37	1.59	1.69	1.85	1.70	1.24	1.40	1.45	1.49	1.63	1.91	2.33	2.74	3.04	2.64	2.68	2.27	2.06	1.62		
ADK S GLENS___FALLS 24028																										
	22.39	20.54	20.51	20.31	20.11	21.64	21.44	23.03	23.80	23.66	25.49	25.79	26.43	28.04	29.13	31.58	38.55	41.72	42.88	40.77	45.84	34.05	29.67	26.38		
	1.52	1.38	1.24	1.13	1.19	1.28	1.06	1.12	1.24	1.06	1.17	1.30	1.35	1.36	1.49	1.73	2.15	2.55	2.80	2.42	2.50	2.08	1.89	1.52		
ADK_NYS___DAM 23527																										
	22.29	20.31	20.03	19.68	19.60	21.12	21.95	23.54	24.19	23.93	25.68	25.94	26.53	28.25	29.30	31.64	38.88	42.12	42.99	41.19	44.68	34.37	29.89	26.61		
	1.42	1.29	1.26	1.16	1.21	1.33	1.57	1.62	1.63	1.33	1.36	1.44	1.45	1.57	1.66	1.79	2.48	2.94	2.92	2.84	2.75	2.40	2.11	1.74		
AIR_PRODUCTS___DRP 24190																										
	21.48	19.61	18.93	18.41	18.46	19.83	21.17	22.59	23.26	23.14	24.95	25.18	25.76	27.29	28.33	30.62	37.57	40.55	41.47	39.70	41.69	33.03	28.67	25.59		
	0.61	0.76	0.72	0.63	0.65	0.68	0.79	0.68	0.70	0.54	0.63	0.69	0.68	0.61	0.69	0.78	1.17	1.37	1.40	1.34	1.27	1.06	0.89	0.72		
AKWESSNE_115KV_BK 355683																										
	20.35	18.01	16.30	15.61	15.92	17.08	19.91	21.41	21.98	21.99	23.64	23.75	21.95	16.73	15.82	15.83	15.36	15.31	17.62	15.23	15.30	15.45	15.49	15.72		
	-0.52	-0.44	-0.45	-0.25	-0.37	-0.42	-0.47	-0.50	-0.59	-0.61	-0.68	-0.73	-0.73	-0.77	-0.80	-0.87	-1.13	-1.21	-1.28	-1.19	-1.09	-0.86	-0.75	-0.60		
ALBANY_1_SOLAR 323833																										
	21.73	19.62	18.63	18.00	18.13	19.51	21.27	22.75	23.35	23.19	24.88	25.08	25.66	27.26	28.36	30.71	37.79	40.86	41.95	40.23	41.13	33.51	29.06	25.93		
	0.86	0.87	0.80	0.71	0.72	0.79	0.90	0.83	0.79	0.59	0.56	0.59	0.58	0.59	0.72	0.87	1.38	1.68	1.88	1.88	1.76	1.53	1.28	1.07		
ALBANY_2_SOLAR 323834																										
	21.71	19.62	18.62	17.99	18.13	19.51	21.25	22.75	23.35	23.19	24.88	25.08	25.66	27.26	28.36	30.71	37.79	40.86	41.95	40.23	41.09	33.47	29.06	25.93		
	0.84	0.87	0.79	0.71	0.72	0.79	0.88	0.83	0.79	0.59	0.56	0.59	0.58	0.59	0.72	0.87	1.38	1.68	1.88	1.88	1.73	1.50	1.28	1.07		
ALBANY___1 23571																										
	21.48	19.61	18.93	18.41	18.46	19.83	21.17	22.59	23.26	23.14	24.95	25.18	25.76	27.29	28.33	30.62	37.57	40.55	41.47	39.70	41.69	33.03	28.67	25.59		
	0.61	0.76	0.72	0.63	0.65	0.68	0.79	0.68	0.70	0.54	0.63	0.69	0.68	0.61	0.69	0.78	1.17	1.37	1.40	1.34	1.27	1.06	0.89	0.72		

ALBANY___2 23572	21.48 0.61 0.00	19.61 0.76 -0.41	18.93 0.72 -1.45	18.41 0.63 -1.91	18.46 0.65 -1.52	19.83 0.68 -1.65	21.17 0.79 0.00	22.59 0.68 0.00	23.26 0.70 0.00	23.14 0.54 0.00	24.95 0.63 0.00	25.18 0.69 0.00	25.76 0.68 0.00	27.29 0.61 0.00	28.33 0.69 0.00	30.62 0.78 0.00	37.57 1.17 0.00	40.55 1.37 0.00	41.47 1.40 0.00	39.70 1.34 0.00	41.69 1.27 -5.20	33.03 1.06 0.00	28.67 0.89 0.00	25.59 0.72 0.00
ALBANY___3 23573	21.48 0.61 0.00	19.61 0.76 -0.41	18.93 0.72 -1.45	18.41 0.63 -1.91	18.46 0.65 -1.52	19.83 0.68 -1.65	21.17 0.79 0.00	22.59 0.68 0.00	23.26 0.70 0.00	23.14 0.54 0.00	24.95 0.63 0.00	25.18 0.69 0.00	25.76 0.68 0.00	27.29 0.61 0.00	28.33 0.69 0.00	30.62 0.78 0.00	37.57 1.17 0.00	40.55 1.37 0.00	41.47 1.40 0.00	39.70 1.34 0.00	41.69 1.27 -5.20	33.03 1.06 0.00	28.67 0.89 0.00	25.59 0.72 0.00
ALBANY___4 23574	21.48 0.61 0.00	19.61 0.76 -0.41	18.93 0.72 -1.45	18.41 0.63 -1.91	18.46 0.65 -1.52	19.83 0.68 -1.65	21.17 0.79 0.00	22.59 0.68 0.00	23.26 0.70 0.00	23.14 0.54 0.00	24.95 0.63 0.00	25.18 0.69 0.00	25.76 0.68 0.00	27.29 0.61 0.00	28.33 0.69 0.00	30.62 0.78 0.00	37.57 1.17 0.00	40.55 1.37 0.00	41.47 1.40 0.00	39.70 1.34 0.00	41.69 1.27 -5.20	33.03 1.06 0.00	28.67 0.89 0.00	25.59 0.72 0.00
ALBANY___LFGE 323615	21.66 0.79 0.00	19.86 0.90 -0.50	19.38 0.84 -1.79	18.99 0.76 -2.36	18.93 0.77 -1.87	20.36 0.82 -2.03	21.31 0.94 0.00	22.77 0.85 0.00	23.49 0.93 0.00	23.37 0.77 0.00	25.17 0.85 0.00	25.40 0.91 0.00	25.98 0.90 0.00	27.58 0.91 0.00	28.64 0.99 0.00	30.95 1.10 0.00	38.01 1.60 0.00	41.02 1.84 0.00	41.95 1.88 0.00	40.16 1.80 0.00	43.04 1.69 -6.13	33.41 1.44 0.00	29.00 1.22 0.00	25.86 1.00 0.00
ALCOA_PA_115KV_PL-6C 55860	20.24 -0.63 0.00	17.93 -0.52 0.00	16.22 -0.54 0.00	15.69 -0.17 0.00	15.92 -0.37 0.00	17.01 -0.49 0.00	19.85 -0.53 0.00	21.35 -0.57 0.00	21.86 -0.70 0.00	21.88 -0.72 0.00	23.49 -0.83 0.00	23.63 -0.86 0.01	21.88 -0.88 2.32	16.86 -0.93 8.88	16.04 -0.94 10.66	16.11 -1.01 12.73	15.90 -1.24 19.27	15.85 -1.41 21.91	18.11 -1.48 20.48	15.83 -1.30 21.22	15.84 -1.16 18.21	15.90 -0.93 15.14	15.89 -0.72 11.17	15.98 -0.62 8.27
ALCOA_RYNLDS___DRP 24188	20.24 -0.63 0.00	17.93 -0.52 0.00	16.22 -0.54 0.00	15.69 -0.17 0.00	15.92 -0.37 0.00	17.01 -0.49 0.00	19.85 -0.53 0.00	21.35 -0.57 0.00	21.86 -0.70 0.00	21.88 -0.72 0.00	23.49 -0.83 0.00	23.63 -0.86 0.01	21.88 -0.88 2.32	16.86 -0.93 8.88	16.04 -0.94 10.66	16.11 -1.01 12.73	15.90 -1.24 19.27	15.85 -1.41 21.91	18.11 -1.48 20.48	15.83 -1.30 21.22	15.84 -1.16 18.21	15.90 -0.93 15.14	15.89 -0.72 11.17	15.98 -0.62 8.27
ALCOA___DSASP 323711	20.24 -0.63 0.00	17.93 -0.52 0.00	16.22 -0.54 0.00	15.69 -0.17 0.00	16.08 -0.21 0.00	17.01 -0.49 0.00	19.81 -0.57 0.00	21.35 -0.57 0.00	21.86 -0.70 0.00	21.88 -0.72 0.00	23.49 -0.83 0.00	23.63 -0.86 0.01	21.88 -0.88 2.32	16.86 -0.93 8.88	16.04 -0.94 10.66	16.11 -1.01 12.73	15.90 -1.24 19.27	15.86 -1.41 21.91	18.11 -1.48 20.48	15.83 -1.30 21.22	15.88 -1.13 18.21	15.90 -0.93 15.14	15.89 -0.72 11.17	15.98 -0.62 8.27
ALLEGHENY___COGEN 23514	20.81 -0.06 0.00	18.34 -0.11 0.00	16.57 -0.18 0.00	15.66 -0.21 0.00	16.10 -0.19 0.00	17.45 -0.05 0.00	20.32 -0.06 0.00	21.94 0.02 0.00	22.45 -0.11 0.00	22.42 -0.18 0.00	24.22 -0.10 0.00	24.17 -0.32 0.00	24.78 -0.30 0.00	26.36 -0.32 0.00	27.25 -0.39 0.00	29.88 0.03 0.00	35.17 -1.24 0.00	38.04 -1.14 0.00	39.31 -0.76 0.00	37.93 -0.42 0.00	35.36 -0.11 -0.25	31.46 -0.51 0.00	28.31 0.53 0.00	25.36 0.50 0.00
ALTAMONT_115KV_TB 2 55880	21.56 0.69 0.00	19.42 0.66 -0.31	18.48 0.62 -1.10	17.87 0.56 -1.45	18.01 0.57 -1.15	19.37 0.61 -1.25	21.07 0.69 0.00	22.66 0.75 0.00	23.35 0.79 0.00	23.32 0.72 0.00	25.12 0.80 0.00	25.32 0.83 0.00	25.93 0.85 0.00	27.53 0.85 0.00	28.55 0.91 0.00	30.86 1.01 0.00	37.83 1.42 0.00	40.74 1.57 0.00	41.67 1.60 0.00	39.89 1.53 0.00	40.89 1.41 -4.26	33.19 1.21 0.00	28.78 1.00 0.00	25.69 0.82 0.00
ALTONA_WT_PWR 323606	20.52 -0.35 0.00	18.08 -0.37 0.00	16.30 -0.45 0.00	15.61 -0.25 0.00	16.00 -0.29 0.00	17.17 -0.33 0.00	20.03 -0.35 0.00	21.72 -0.20 0.00	21.82 -0.74 0.00	21.94 -0.66 0.00	23.57 -0.75 0.00	23.60 -0.88 0.01	21.70 -1.00 2.37	16.48 -1.12 9.08	15.52 -1.22 10.90	15.58 -1.25 13.01	15.14 -1.56 19.71	15.16 -1.61 22.41	17.81 -1.32 20.94	15.16 -1.50 21.70	15.12 -1.48 18.62	15.11 -1.37 15.48	14.92 -1.45 11.42	15.07 -1.34 8.45
AMERICAN_REF_FUEL 24010	19.28 -1.59 0.00	17.05 -1.40 0.00	15.40 -1.36 0.00	14.61 -1.25 0.00	14.96 -1.34 0.00	16.23 -1.28 0.00	18.91 -1.47 0.00	20.54 -1.38 0.00	21.34 -1.22 0.00	21.31 -1.29 0.00	23.23 -1.09 0.00	23.19 -1.30 0.00	23.72 -1.35 0.00	25.16 -1.52 0.00	25.90 -1.74 0.00	28.15 -1.70 0.00	33.90 -2.51 0.00	36.44 -2.74 0.00	37.43 -2.65 0.00	35.64 -2.72 0.00	33.16 -2.29 -0.23	29.61 -2.37 0.00	26.08 -1.70 0.00	23.80 -1.07 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.87 -1.00 0.00	17.42 -1.03 0.00	15.67 -1.09 0.00	14.83 -1.03 0.00	15.20 -1.09 0.00	16.52 -0.98 0.00	19.30 -1.08 0.00	21.06 -0.86 0.00	22.07 -0.50 0.00	22.12 -0.48 0.00	24.18 -0.15 0.00	24.10 -0.39 0.00	24.63 -0.45 0.00	26.25 -0.43 0.00	27.06 -0.58 0.00	29.34 -0.51 0.00	35.43 -0.98 0.00	38.16 -1.02 0.00	39.19 -0.88 0.00	37.29 -1.07 0.00	34.53 -0.95 -0.26	30.66 -1.31 0.00	26.75 -1.03 0.00	24.24 -0.62 0.00
ARTHUR KILL_GT_1 23520	22.84 1.96 -0.01	20.18 1.66 -0.07	18.59 1.59 -0.24	17.59 1.41 -0.32	17.99 1.45 -0.25	19.30 1.52 -0.27	21.99 1.61 0.00	23.73 1.82 0.00	24.54 1.99 0.01	24.80 2.17 -0.03	27.06 2.41 -0.34	28.74 2.50 -1.75	31.36 2.58 -3.70	35.43 2.75 -6.00	35.50 2.90 -4.96	36.84 3.16 -3.83	37.79 4.08 2.70	39.17 4.39 4.39	37.82 4.13 6.37	37.81 3.84 4.38	37.48 3.35 1.09	34.97 3.00 0.00	30.57 2.78 -0.01	27.24 2.36 -0.01
ARTHUR_KILL_2 23512	22.78 1.90 -0.01	20.13 1.60 -0.07	18.54 1.54 -0.24	17.55 1.36 -0.32	17.95 1.40 -0.25	19.25 1.47 -0.27	21.92 1.55 0.00	23.67 1.75 0.00	24.45 1.90 0.01	24.74 2.10 -0.03	26.99 2.34 -0.34	28.64 2.40 -1.75	31.26 2.48 -3.70	35.32 2.64 -6.00	35.39 2.79 -4.96	36.69 3.01 -3.83	37.61 3.90 2.70	38.98 4.19 4.39	37.63 3.93 6.37	37.62 3.65 4.38	37.30 3.17 1.09	34.85 2.88 0.00	30.46 2.67 -0.01	27.16 2.29 -0.01
ARTHUR_KILL_3 23513	22.48 1.61 0.00	19.83 1.31 -0.07	18.26 1.27 -0.23	17.27 1.09 -0.31	17.68 1.14 -0.24	18.96 1.19 -0.26	21.82 1.45 0.00	23.67 1.75 0.00	24.59 2.03 0.00	24.83 2.19 -0.04	27.05 2.38 -0.34	28.70 2.45 -1.76	31.27 2.48 -3.71	35.25 2.56 -6.01	35.29 2.68 -4.97	36.55 2.87 -3.83	37.47 3.75 2.69	38.79 4.00 4.38	37.47 3.77 6.37	37.47 3.49 4.38	37.17 3.03 1.08	34.78 2.81 0.00	30.17 2.39 0.00	26.86 1.99 0.00

ARTHUR_KILL_COGEN 323718	22.84 1.96 -0.01	20.18 1.66 -0.07	18.59 1.59 -0.24	17.59 1.41 -0.32	17.99 1.45 -0.25	19.30 1.52 -0.27	21.99 1.61 0.00	23.73 1.82 0.00	24.54 1.99 0.01	24.80 2.17 -0.03	27.06 2.41 -0.34	28.74 2.50 -1.75	31.36 2.58 -3.70	35.43 2.75 -6.00	35.50 2.90 -4.96	36.84 3.16 -3.83	37.79 4.08 2.70	39.17 4.39 4.39	37.82 4.13 6.37	37.81 3.84 4.38	37.48 3.35 1.09	34.97 3.00 0.00	30.57 2.78 -0.01	27.24 2.36 -0.01
ASHOKAN____ 23654	22.06 1.19 0.00	19.18 0.52 -0.21	17.98 0.47 -0.76	17.26 0.40 -1.00	17.46 0.38 -0.79	18.82 0.45 -0.86	20.95 0.57 0.00	23.45 1.53 0.00	23.83 1.26 0.00	23.62 1.02 0.00	25.42 1.10 0.00	25.62 1.13 0.00	26.28 1.20 0.00	27.98 1.31 0.00	29.24 1.60 0.00	31.64 1.79 0.00	39.03 2.62 0.00	42.31 3.14 0.00	43.32 3.24 0.00	41.50 3.15 0.00	40.23 1.83 -3.18	34.37 2.40 0.00	29.75 1.97 0.00	26.46 1.59 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.71 1.84 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.85 1.30 -0.25	19.21 1.44 -0.27	21.92 1.55 0.00	23.73 1.82 0.00	24.61 2.05 0.01	24.89 2.26 -0.03	27.11 2.46 -0.34	28.79 2.55 -1.75	31.39 2.61 -3.70	35.43 2.75 -6.00	35.45 2.85 -4.96	36.72 3.05 -3.83	40.56 3.72 -0.44	43.37 4.19 0.00	43.96 3.89 0.00	41.96 3.60 0.00	39.87 3.03 -1.63	34.91 2.94 0.00	30.42 2.64 0.00	27.16 2.29 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	22.71 1.84 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.85 1.30 -0.25	19.21 1.44 -0.27	21.92 1.55 0.00	23.73 1.82 0.00	24.61 2.05 0.01	24.89 2.26 -0.03	27.11 2.46 -0.34	28.79 2.55 -1.75	31.39 2.61 -3.70	35.43 2.75 -6.00	35.45 2.85 -4.96	36.72 3.05 -3.83	40.56 3.72 -0.44	43.37 4.19 0.00	43.96 3.89 0.00	41.96 3.60 0.00	39.87 3.03 -1.63	34.91 2.94 0.00	30.42 2.64 0.00	27.16 2.29 -0.01
ASTORIA_GT2_1 24094	22.74 1.86 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.90 1.35 -0.25	19.21 1.44 -0.27	21.95 1.57 0.00	23.78 1.86 0.00	24.64 2.08 0.00	24.92 2.28 -0.03	27.19 2.53 -0.34	28.81 2.57 -1.75	31.41 2.63 -3.70	35.43 2.75 -6.00	35.45 2.85 -4.96	36.72 3.04 -3.83	40.67 3.82 -0.44	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.39 2.61 0.00	27.16 2.29 -0.01
ASTORIA_GT2_2 24095	22.74 1.86 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.90 1.35 -0.25	19.21 1.44 -0.27	21.95 1.57 0.00	23.78 1.86 0.00	24.64 2.08 0.00	24.92 2.28 -0.03	27.19 2.53 -0.34	28.81 2.57 -1.75	31.41 2.63 -3.70	35.43 2.75 -6.00	35.45 2.85 -4.96	36.72 3.04 -3.83	40.67 3.82 -0.44	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.39 2.61 0.00	27.16 2.29 -0.01
ASTORIA_GT2_3 24096	22.74 1.86 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.90 1.35 -0.25	19.21 1.44 -0.27	21.95 1.57 0.00	23.78 1.86 0.00	24.64 2.08 0.00	24.92 2.28 -0.03	27.19 2.53 -0.34	28.81 2.57 -1.75	31.41 2.63 -3.70	35.43 2.75 -6.00	35.45 2.85 -4.96	36.72 3.04 -3.83	40.67 3.82 -0.44	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.39 2.61 0.00	27.16 2.29 -0.01
ASTORIA_GT2_4 24097	22.74 1.86 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.90 1.35 -0.25	19.21 1.44 -0.27	21.95 1.57 0.00	23.78 1.86 0.00	24.64 2.08 0.00	24.92 2.28 -0.03	27.19 2.53 -0.34	28.81 2.57 -1.75	31.41 2.63 -3.70	35.43 2.75 -6.00	35.45 2.85 -4.96	36.72 3.04 -3.83	40.67 3.82 -0.44	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.39 2.61 0.00	27.16 2.29 -0.01
ASTORIA_GT3_1 24098	22.74 1.86 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.90 1.35 -0.25	19.21 1.44 -0.27	21.95 1.57 0.00	23.78 1.86 0.00	24.64 2.08 0.00	24.92 2.28 -0.03	27.19 2.53 -0.34	28.81 2.57 -1.75	31.41 2.63 -3.70	35.43 2.75 -6.00	35.45 2.85 -4.96	36.72 3.04 -3.83	40.67 3.82 -0.44	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.39 2.61 0.00	27.16 2.29 -0.01
ASTORIA_GT3_2 24099	22.74 1.86 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.90 1.35 -0.25	19.21 1.44 -0.27	21.95 1.57 0.00	23.78 1.86 0.00	24.64 2.08 0.00	24.92 2.28 -0.03	27.19 2.53 -0.34	28.81 2.57 -1.75	31.41 2.63 -3.70	35.43 2.75 -6.00	35.45 2.85 -4.96	36.72 3.04 -3.83	40.67 3.82 -0.44	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.39 2.61 0.00	27.16 2.29 -0.01
ASTORIA_GT3_3 24100	22.74 1.86 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.90 1.35 -0.25	19.21 1.44 -0.27	21.95 1.57 0.00	23.78 1.86 0.00	24.64 2.08 0.00	24.92 2.28 -0.03	27.19 2.53 -0.34	28.81 2.57 -1.75	31.41 2.63 -3.70	35.43 2.75 -6.00	35.45 2.85 -4.96	36.72 3.04 -3.83	40.67 3.82 -0.44	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.39 2.61 0.00	27.16 2.29 -0.01
ASTORIA_GT3_4 24101	22.74 1.86 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.90 1.35 -0.25	19.21 1.44 -0.27	21.95 1.57 0.00	23.78 1.86 0.00	24.64 2.08 0.00	24.92 2.28 -0.03	27.19 2.53 -0.34	28.81 2.57 -1.75	31.41 2.63 -3.70	35.43 2.75 -6.00	35.45 2.85 -4.96	36.72 3.04 -3.83	40.67 3.82 -0.44	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.39 2.61 0.00	27.16 2.29 -0.01
ASTORIA_GT4_1 24102	22.74 1.86 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.90 1.35 -0.25	19.21 1.44 -0.27	21.95 1.57 0.00	23.78 1.86 0.00	24.64 2.08 0.00	24.92 2.28 -0.03	27.19 2.53 -0.34	28.81 2.57 -1.75	31.41 2.63 -3.70	35.43 2.75 -6.00	35.45 2.85 -4.96	36.72 3.04 -3.83	40.67 3.82 -0.44	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.39 2.61 0.00	27.16 2.29 -0.01
ASTORIA_GT4_2 24103	22.74 1.86 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.90 1.35 -0.25	19.21 1.44 -0.27	21.95 1.57 0.00	23.78 1.86 0.00	24.64 2.08 0.00	24.92 2.28 -0.03	27.19 2.53 -0.34	28.81 2.57 -1.75	31.41 2.63 -3.70	35.43 2.75 -6.00	35.45 2.85 -4.96	36.72 3.04 -3.83	40.67 3.82 -0.44	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.39 2.61 0.00	27.16 2.29 -0.01
ASTORIA_GT4_3 24104	22.74 1.86 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.90 1.35 -0.25	19.21 1.44 -0.27	21.95 1.57 0.00	23.78 1.86 0.00	24.64 2.08 0.00	24.92 2.28 -0.03	27.19 2.53 -0.34	28.81 2.57 -1.75	31.41 2.63 -3.70	35.43 2.75 -6.00	35.45 2.85 -4.96	36.72 3.04 -3.83	40.67 3.82 -0.44	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.39 2.61 0.00	27.16 2.29 -0.01

ASTORIA_GT4_4 24105	22.74 1.86 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.90 1.35 -0.25	19.21 1.44 -0.27	21.95 1.57 0.00	23.78 1.86 0.00	24.64 2.08 0.00	24.92 2.28 -0.03	27.19 2.53 -0.34	28.81 2.57 -1.75	31.41 2.63 -3.70	35.43 2.75 -6.00	35.45 2.85 -4.96	36.72 3.04 -3.83	40.67 3.82 -0.44	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.39 2.61 0.00	27.16 2.29 -0.01
ASTORIA_GT_1 23523	22.76 1.88 -0.01	20.09 1.57 -0.07	18.47 1.47 -0.24	17.45 1.27 -0.32	17.88 1.34 -0.25	19.25 1.47 -0.27	21.97 1.59 0.00	23.78 1.86 0.00	24.68 2.12 0.01	24.96 2.33 -0.03	27.19 2.53 -0.34	28.86 2.62 -1.75	31.46 2.68 -3.70	35.50 2.83 -6.00	35.53 2.93 -4.96	36.81 3.13 -3.83	40.70 3.86 -0.44	43.49 4.31 0.00	44.12 4.05 0.00	42.07 3.72 0.00	39.98 3.13 -1.63	34.97 3.00 0.00	30.47 2.69 0.00	27.21 2.34 -0.01
ASTORIA_GT_10 24110	22.65 1.77 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.42 1.24 -0.32	17.86 1.32 -0.25	19.12 1.35 -0.27	21.92 1.55 0.00	23.80 1.88 0.00	24.66 2.10 0.00	24.90 2.26 -0.04	27.18 2.51 -0.35	28.83 2.55 -1.79	31.45 2.61 -3.77	35.50 2.72 -6.11	35.51 2.82 -5.05	36.76 3.01 -3.89	40.76 3.90 -0.46	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	40.02 3.17 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	27.03 2.16 0.00
ASTORIA_GT_11 24225	22.65 1.77 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.42 1.24 -0.32	17.86 1.32 -0.25	19.12 1.35 -0.27	21.92 1.55 0.00	23.80 1.88 0.00	24.66 2.10 0.00	24.90 2.26 -0.04	27.18 2.51 -0.35	28.83 2.55 -1.79	31.45 2.61 -3.77	35.50 2.72 -6.11	35.51 2.82 -5.05	36.76 3.01 -3.89	40.76 3.90 -0.46	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	40.02 3.17 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	27.03 2.16 0.00
ASTORIA_GT_12 24226	22.65 1.77 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.42 1.24 -0.32	17.86 1.32 -0.25	19.12 1.35 -0.27	21.92 1.55 0.00	23.80 1.88 0.00	24.66 2.10 0.00	24.90 2.26 -0.04	27.18 2.51 -0.35	28.83 2.55 -1.79	31.45 2.61 -3.77	35.50 2.72 -6.11	35.51 2.82 -5.05	36.76 3.01 -3.89	40.76 3.90 -0.46	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	40.02 3.17 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	27.03 2.16 0.00
ASTORIA_GT_13 24227	22.65 1.77 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.42 1.24 -0.32	17.86 1.32 -0.25	19.12 1.35 -0.27	21.92 1.55 0.00	23.80 1.88 0.00	24.66 2.10 0.00	24.90 2.26 -0.04	27.18 2.51 -0.35	28.83 2.55 -1.79	31.45 2.61 -3.77	35.50 2.72 -6.11	35.51 2.82 -5.05	36.76 3.01 -3.89	40.76 3.90 -0.46	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	40.02 3.17 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	27.03 2.16 0.00
ASTORIA_GT_5 24106	22.76 1.88 -0.01	20.09 1.57 -0.07	18.47 1.47 -0.24	17.45 1.27 -0.32	17.91 1.37 -0.25	19.25 1.47 -0.27	21.99 1.61 0.00	23.82 1.91 0.00	24.71 2.14 0.00	24.96 2.33 -0.03	27.23 2.58 -0.34	28.86 2.62 -1.75	31.46 2.68 -3.70	35.51 2.83 -6.00	35.53 2.93 -4.96	36.78 3.10 -3.83	40.74 3.90 -0.44	43.49 4.31 0.00	44.12 4.05 0.00	42.08 3.72 0.00	40.06 3.20 -1.64	34.98 3.01 0.00	30.45 2.67 0.00	27.21 2.34 -0.01
ASTORIA_GT_7 24107	22.76 1.88 -0.01	20.09 1.57 -0.07	18.47 1.47 -0.24	17.45 1.27 -0.32	17.91 1.37 -0.25	19.25 1.47 -0.27	21.99 1.61 0.00	23.82 1.91 0.00	24.71 2.14 0.00	24.96 2.33 -0.03	27.23 2.58 -0.34	28.86 2.62 -1.75	31.46 2.68 -3.70	35.51 2.83 -6.00	35.53 2.93 -4.96	36.78 3.10 -3.83	40.74 3.90 -0.44	43.49 4.31 0.00	44.12 4.05 0.00	42.08 3.72 0.00	40.06 3.20 -1.64	34.98 3.01 0.00	30.45 2.67 0.00	27.21 2.34 -0.01
ASTORIA_GT_8 24108	22.76 1.88 -0.01	20.09 1.57 -0.07	18.47 1.47 -0.24	17.45 1.27 -0.32	17.91 1.37 -0.25	19.25 1.47 -0.27	21.99 1.61 0.00	23.82 1.91 0.00	24.71 2.14 0.00	24.96 2.33 -0.03	27.23 2.58 -0.34	28.86 2.62 -1.75	31.46 2.68 -3.70	35.51 2.83 -6.00	35.53 2.93 -4.96	36.78 3.10 -3.83	40.74 3.90 -0.44	43.49 4.31 0.00	44.12 4.05 0.00	42.08 3.72 0.00	40.06 3.20 -1.64	34.98 3.01 0.00	30.45 2.67 0.00	27.21 2.34 -0.01
ASTORIA___2 24149	22.73 1.86 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.86 1.32 -0.25	19.21 1.44 -0.27	21.92 1.55 0.00	23.73 1.82 0.00	24.63 2.07 0.01	24.91 2.28 -0.03	27.11 2.46 -0.34	28.79 2.55 -1.75	31.39 2.61 -3.70	35.43 2.75 -6.00	35.48 2.87 -4.96	36.75 3.07 -3.83	40.60 3.75 -0.44	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.65 0.00	39.87 3.03 -1.63	34.91 2.94 0.00	30.42 2.64 0.00	27.16 2.29 -0.01
ASTORIA___3 23516	22.65 1.77 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.42 1.24 -0.32	17.82 1.27 -0.25	19.12 1.35 -0.27	21.92 1.55 0.00	23.76 1.84 0.00	24.66 2.10 0.00	24.88 2.24 -0.04	27.13 2.46 -0.35	28.80 2.52 -1.79	31.43 2.58 -3.77	35.50 2.72 -6.11	35.51 2.82 -5.05	36.79 3.05 -3.89	40.76 3.90 -0.46	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.65 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.33 2.55 0.00	27.03 2.16 0.00
ASTORIA___4 23517	22.65 1.77 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.42 1.24 -0.32	17.86 1.32 -0.25	19.12 1.35 -0.27	21.92 1.55 0.00	23.80 1.88 0.00	24.66 2.10 0.00	24.90 2.26 -0.04	27.18 2.51 -0.35	28.83 2.55 -1.79	31.45 2.61 -3.77	35.50 2.72 -6.11	35.51 2.82 -5.05	36.76 3.01 -3.89	40.76 3.90 -0.46	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.64 0.00	40.02 3.17 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	27.03 2.16 0.00
ASTORIA___5 23518	22.65 1.77 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.42 1.24 -0.32	17.82 1.27 -0.25	19.12 1.35 -0.27	21.92 1.55 0.00	23.76 1.84 0.00	24.66 2.10 0.00	24.88 2.24 -0.04	27.13 2.46 -0.35	28.80 2.52 -1.79	31.43 2.58 -3.77	35.50 2.72 -6.11	35.51 2.82 -5.05	36.79 3.05 -3.89	40.76 3.90 -0.46	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.65 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.33 2.55 0.00	27.03 2.16 0.00
AST_ENERGY_2_CC3 323677	22.54 1.67 0.00	19.88 1.37 -0.07	18.33 1.34 -0.23	17.35 1.17 -0.31	17.74 1.21 -0.24	19.03 1.26 -0.26	21.88 1.51 0.00	23.73 1.82 0.00	24.64 2.07 0.00	24.86 2.22 -0.04	27.10 2.43 -0.34	28.72 2.47 -1.76	31.32 2.53 -3.71	35.33 2.64 -6.01	35.37 2.76 -4.97	36.67 2.98 -3.83	40.79 3.93 -0.45	43.37 4.19 0.00	44.04 3.97 0.00	42.04 3.68 0.00	40.02 3.17 -1.64	34.85 2.88 0.00	30.25 2.47 0.00	26.93 2.06 0.00
AST_ENERGY_2_CC4 323678	22.54 1.67 0.00	19.88 1.37 -0.07	18.33 1.34 -0.23	17.35 1.17 -0.31	17.74 1.21 -0.24	19.03 1.26 -0.26	21.88 1.51 0.00	23.73 1.82 0.00	24.64 2.07 0.00	24.86 2.22 -0.04	27.10 2.43 -0.34	28.72 2.47 -1.76	31.32 2.53 -3.71	35.33 2.64 -6.01	35.37 2.76 -4.97	36.67 2.98 -3.83	40.79 3.93 -0.45	43.37 4.19 0.00	44.04 3.97 0.00	42.04 3.68 0.00	40.02 3.17 -1.64	34.85 2.88 0.00	30.25 2.47 0.00	26.93 2.06 0.00

ATHENS_STG_1 23668	21.73 0.86 0.00	19.25 0.76 -0.05	17.64 0.72 -0.16	16.70 0.62 -0.21	17.11 0.65 -0.17	18.39 0.70 -0.18	21.21 0.84 0.00	22.86 0.94 0.00	23.60 1.04 0.00	23.64 1.04 0.00	25.44 1.12 0.00	25.64 1.15 0.00	26.26 1.18 0.00	27.90 1.23 0.00	28.94 1.30 0.00	31.25 1.40 0.00	38.33 1.93 0.00	41.21 2.04 0.00	42.03 1.96 0.00	40.23 1.88 0.00	38.48 1.69 -1.57	33.44 1.47 0.00	29.03 1.25 0.00	25.89 1.02 0.00
ATHENS_STG_2 23670	21.73 0.86 0.00	19.25 0.76 -0.05	17.64 0.72 -0.16	16.70 0.62 -0.21	17.11 0.65 -0.17	18.39 0.70 -0.18	21.21 0.84 0.00	22.86 0.94 0.00	23.60 1.04 0.00	23.64 1.04 0.00	25.44 1.12 0.00	25.64 1.15 0.00	26.26 1.18 0.00	27.90 1.23 0.00	28.94 1.30 0.00	31.25 1.40 0.00	38.33 1.93 0.00	41.21 2.04 0.00	42.03 1.96 0.00	40.23 1.88 0.00	38.48 1.69 -1.57	33.44 1.47 0.00	29.03 1.25 0.00	25.89 1.02 0.00
ATHENS_STG_3 23677	21.73 0.86 0.00	19.25 0.76 -0.05	17.64 0.72 -0.16	16.70 0.62 -0.21	17.11 0.65 -0.17	18.39 0.70 -0.18	21.21 0.84 0.00	22.86 0.94 0.00	23.60 1.04 0.00	23.64 1.04 0.00	25.44 1.12 0.00	25.64 1.15 0.00	26.26 1.18 0.00	27.90 1.23 0.00	28.94 1.30 0.00	31.25 1.40 0.00	38.33 1.93 0.00	41.21 2.04 0.00	42.03 1.96 0.00	40.23 1.88 0.00	38.48 1.69 -1.57	33.44 1.47 0.00	29.03 1.25 0.00	25.89 1.02 0.00
AUBURN___LFGE 323710	20.85 -0.02 0.00	18.41 -0.04 0.00	16.71 -0.05 0.00	15.79 -0.08 0.00	16.26 -0.03 0.00	17.52 0.02 0.00	20.44 0.06 0.00	22.00 0.09 0.00	22.63 0.07 0.00	22.78 0.18 0.00	24.65 0.12 -0.21	24.86 0.15 -0.22	25.50 0.15 -0.27	27.41 0.24 -0.49	28.54 0.28 -0.63	31.03 0.27 -0.92	38.52 0.36 -1.75	41.68 0.39 -2.11	42.92 0.64 -2.21	40.90 0.58 -1.97	37.30 0.53 -1.56	33.46 0.32 -1.17	28.72 0.33 -0.61	25.30 0.15 -0.28
BABYLON_RES_REC 323704	23.08 2.21 0.00	20.21 1.70 -0.07	18.63 1.64 -0.23	17.49 1.32 -0.31	17.92 1.38 -0.24	19.38 1.61 -0.26	22.25 1.87 0.00	24.22 2.30 0.00	25.18 2.62 0.00	25.43 2.82 0.00	31.57 2.92 -4.33	32.42 2.94 -4.99	33.69 3.01 -5.61	35.63 3.12 -5.83	47.35 3.34 -16.37	51.17 3.61 -17.71	47.69 4.66 -6.62	50.00 5.06 -5.76	53.44 4.93 -8.44	45.00 4.64 -2.00	40.58 3.73 -1.64	35.67 3.58 -0.12	31.63 3.19 -0.66	29.57 2.78 -1.92
BABYLON__69_KV_BK2 356345	23.37 2.50 0.00	20.45 1.94 -0.07	18.85 1.86 -0.23	17.68 1.51 -0.31	18.15 1.61 -0.24	19.61 1.84 -0.26	22.52 2.14 0.00	24.57 2.65 0.00	25.52 2.96 0.00	25.74 3.14 0.00	31.96 3.31 -4.33	32.84 3.36 -4.99	34.10 3.41 -5.61	36.06 3.55 -5.83	47.82 3.81 -16.37	51.71 4.15 -17.71	48.31 5.28 -6.62	50.66 5.72 -5.76	54.16 5.65 -8.44	45.69 5.33 -2.00	41.29 4.44 -1.64	36.21 4.12 -0.11	32.05 3.61 -0.66	29.97 3.18 -1.92
BALL_HILL_WT_PWR 323825	19.93 -0.94 0.00	17.56 -0.89 0.00	15.85 -0.91 0.00	15.01 -0.86 0.00	15.40 -0.90 0.00	16.72 -0.79 0.00	19.48 -0.90 0.00	21.19 -0.72 0.00	22.09 -0.47 0.00	22.10 -0.50 0.00	24.08 -0.24 0.00	24.05 -0.44 0.00	24.60 -0.48 0.00	26.20 -0.48 0.00	27.01 -0.63 0.00	29.31 -0.54 0.00	35.39 -1.02 0.00	38.12 -1.06 0.00	39.15 -0.92 0.00	37.25 -1.11 0.00	34.55 -0.92 -0.25	30.79 -1.18 0.00	26.97 -0.81 0.00	24.49 -0.37 0.00
BARON_WINDS___WT_PWR 323822	20.35 -0.52 0.00	17.93 -0.52 0.00	16.19 -0.57 0.00	15.29 -0.57 0.00	15.69 -0.60 0.00	17.00 -0.51 0.00	19.85 -0.53 0.00	21.52 -0.39 0.00	22.29 -0.27 0.00	22.37 -0.23 0.00	24.22 -0.10 0.00	24.27 -0.22 0.00	24.83 -0.25 0.00	26.46 -0.21 0.00	27.34 -0.30 0.00	29.58 -0.27 0.00	35.86 -0.55 0.00	38.67 -0.51 0.00	39.75 -0.32 0.00	37.90 -0.46 0.00	35.12 -0.42 -0.33	31.24 -0.73 0.00	27.28 -0.50 0.00	24.54 -0.32 0.00
BARRETT_IC_1 23704	22.84 1.96 -0.01	20.03 1.51 -0.07	18.46 1.47 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.19 1.42 -0.26	22.03 1.65 0.00	23.95 2.04 0.00	24.87 2.30 0.00	25.09 2.49 0.00	31.23 2.58 -4.33	32.07 2.59 -4.99	33.32 2.63 -5.61	35.23 2.72 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.81 4.29 -8.45	44.35 3.99 -2.00	40.16 3.31 -1.64	35.82 3.13 -0.71	31.25 2.80 -0.67	29.23 2.44 -1.93
BARRETT_IC_10 23701	22.84 1.96 -0.01	20.03 1.51 -0.07	18.46 1.47 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.19 1.42 -0.26	22.03 1.65 0.00	23.95 2.04 0.00	24.87 2.30 0.00	25.09 2.49 0.00	31.23 2.58 -4.33	32.07 2.59 -4.99	33.32 2.63 -5.61	35.23 2.72 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.81 4.29 -8.45	44.35 3.99 -2.00	40.16 3.31 -1.64	35.42 3.13 -0.31	31.25 2.80 -0.67	29.23 2.44 -1.93
BARRETT_IC_11 23702	22.84 1.96 -0.01	20.03 1.51 -0.07	18.46 1.47 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.19 1.42 -0.26	22.03 1.65 0.00	23.95 2.04 0.00	24.87 2.30 0.00	25.09 2.49 0.00	31.23 2.58 -4.33	32.07 2.59 -4.99	33.32 2.63 -5.61	35.23 2.72 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.81 4.29 -8.45	44.35 3.99 -2.00	40.16 3.31 -1.64	35.42 3.13 -0.31	31.25 2.80 -0.67	29.23 2.44 -1.93
BARRETT_IC_12 23703	22.84 1.96 -0.01	20.03 1.51 -0.07	18.46 1.47 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.19 1.42 -0.26	22.03 1.65 0.00	23.95 2.04 0.00	24.87 2.30 0.00	25.09 2.49 0.00	31.23 2.58 -4.33	32.07 2.59 -4.99	33.32 2.63 -5.61	35.23 2.72 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.81 4.29 -8.45	44.35 3.99 -2.00	40.16 3.31 -1.64	35.42 3.13 -0.31	31.25 2.80 -0.67	29.23 2.44 -1.93
BARRETT_IC_2 23705	22.84 1.96 -0.01	20.03 1.51 -0.07	18.46 1.47 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.19 1.42 -0.26	22.03 1.65 0.00	23.95 2.04 0.00	24.87 2.30 0.00	25.09 2.49 0.00	31.23 2.58 -4.33	32.07 2.59 -4.99	33.32 2.63 -5.61	35.23 2.72 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.81 4.29 -8.45	44.35 3.99 -2.00	40.16 3.31 -1.64	35.82 3.13 -0.71	31.25 2.80 -0.67	29.23 2.44 -1.93
BARRETT_IC_3 23706	22.84 1.96 -0.01	20.03 1.51 -0.07	18.46 1.47 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.19 1.42 -0.26	22.03 1.65 0.00	23.95 2.04 0.00	24.87 2.30 0.00	25.09 2.49 0.00	31.23 2.58 -4.33	32.07 2.59 -4.99	33.32 2.63 -5.61	35.23 2.72 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.81 4.29 -8.45	44.35 3.99 -2.00	40.16 3.31 -1.64	35.82 3.13 -0.71	31.25 2.80 -0.67	29.23 2.44 -1.93
BARRETT_IC_4 23707	22.84 1.96 -0.01	20.03 1.51 -0.07	18.46 1.47 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.19 1.42 -0.26	22.03 1.65 0.00	23.95 2.04 0.00	24.87 2.30 0.00	25.09 2.49 0.00	31.23 2.58 -4.33	32.07 2.59 -4.99	33.32 2.63 -5.61	35.23 2.72 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.81 4.29 -8.45	44.35 3.99 -2.00	40.16 3.31 -1.64	35.82 3.13 -0.71	31.25 2.80 -0.67	29.23 2.44 -1.93

BARRETT_IC_5 23708	22.84 1.96 -0.01	20.03 1.51 -0.07	18.46 1.47 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.19 1.42 -0.26	22.03 1.65 0.00	23.95 2.04 0.00	24.87 2.30 0.00	25.09 2.49 0.00	31.23 2.58 -4.33	32.07 2.59 -4.99	33.32 2.63 -5.61	35.23 2.72 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.81 4.29 -8.45	44.35 3.99 -2.00	40.16 3.31 -1.64	35.82 3.13 -0.71	31.25 2.80 -0.67	29.23 2.44 -1.93
BARRETT_IC_6 23709	22.84 1.96 -0.01	20.03 1.51 -0.07	18.46 1.47 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.19 1.42 -0.26	22.03 1.65 0.00	23.95 2.04 0.00	24.87 2.30 0.00	25.09 2.49 0.00	31.23 2.58 -4.33	32.07 2.59 -4.99	33.32 2.63 -5.61	35.23 2.72 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.81 4.29 -8.45	44.35 3.99 -2.00	40.16 3.31 -1.64	35.82 3.13 -0.71	31.25 2.80 -0.67	29.23 2.44 -1.93
BARRETT_IC_7 23710	22.83 1.96 0.00	20.03 1.51 -0.07	18.46 1.47 -0.23	17.36 1.19 -0.31	17.81 1.27 -0.24	19.19 1.42 -0.26	22.03 1.65 0.00	24.00 2.08 0.00	24.89 2.32 0.00	25.09 2.49 0.00	31.25 2.60 -4.33	32.08 2.60 -4.99	33.32 2.63 -5.61	35.23 2.72 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.80 4.29 -8.44	44.35 3.99 -2.00	40.27 3.42 -1.64	35.81 3.13 -0.70	31.22 2.78 -0.66	29.23 2.44 -1.92
BARRETT_IC_8 23711	22.84 1.96 -0.01	20.03 1.51 -0.07	18.46 1.47 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.19 1.42 -0.26	22.03 1.65 0.00	23.95 2.04 0.00	24.87 2.30 0.00	25.09 2.49 0.00	31.23 2.58 -4.33	32.07 2.59 -4.99	33.32 2.63 -5.61	35.23 2.72 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.81 4.29 -8.45	44.35 3.99 -2.00	40.16 3.31 -1.64	35.82 3.13 -0.71	31.25 2.80 -0.67	29.23 2.44 -1.93
BARRETT_IC_9 23700	22.84 1.96 -0.01	20.03 1.51 -0.07	18.46 1.47 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.19 1.42 -0.26	22.03 1.65 0.00	23.95 2.04 0.00	24.87 2.30 0.00	25.09 2.49 0.00	31.23 2.58 -4.33	32.07 2.59 -4.99	33.32 2.63 -5.61	35.23 2.72 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.81 4.29 -8.45	44.35 3.99 -2.00	40.16 3.31 -1.64	35.42 3.13 -0.31	31.25 2.80 -0.67	29.23 2.44 -1.93
BARRETT___1 23545	22.84 1.96 -0.01	20.03 1.51 -0.07	18.46 1.47 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.19 1.42 -0.26	22.03 1.65 0.00	23.95 2.04 0.00	24.87 2.30 0.00	25.09 2.49 0.00	31.23 2.58 -4.33	32.07 2.59 -4.99	33.32 2.63 -5.61	35.23 2.72 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.81 4.29 -8.45	44.35 3.99 -2.00	40.16 3.31 -1.64	35.82 3.13 -0.71	31.25 2.80 -0.67	29.23 2.44 -1.93
BARRETT___2 23546	22.84 1.96 -0.01	20.03 1.51 -0.07	18.46 1.47 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.19 1.42 -0.26	22.03 1.65 0.00	23.95 2.04 0.00	24.87 2.30 0.00	25.09 2.49 0.00	31.23 2.58 -4.33	32.07 2.59 -4.99	33.32 2.63 -5.61	35.23 2.72 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.81 4.29 -8.45	44.35 3.99 -2.00	40.16 3.31 -1.64	35.42 3.13 -0.31	31.25 2.80 -0.67	29.23 2.44 -1.93
BATAVIA__115KV_TB1 55881	20.04 -0.83 0.00	17.68 -0.77 0.00	15.99 -0.77 0.00	15.15 -0.71 0.00	15.61 -0.68 0.00	16.86 -0.65 0.00	19.66 -0.71 0.00	21.54 -0.37 0.00	22.20 -0.36 0.00	22.37 -0.23 0.00	23.96 -0.36 0.00	24.10 -0.39 0.00	24.55 -0.53 0.00	26.28 -0.40 0.00	27.17 -0.47 0.00	29.40 -0.45 0.00	35.61 -0.80 -0.01	38.32 -0.86 -0.01	39.40 -0.68 -0.01	37.63 -0.73 -0.01	34.70 -0.53 -0.01	31.11 -0.86 0.00	27.50 -0.28 0.00	24.72 -0.15 0.00
BAYONEEC___CTG1 323682	22.56 1.69 0.00	19.90 1.38 -0.07	18.33 1.34 -0.23	17.35 1.17 -0.31	17.74 1.21 -0.24	19.05 1.28 -0.26	21.91 1.53 0.00	23.76 1.84 0.00	24.68 2.12 0.00	24.90 2.26 -0.04	27.12 2.46 -0.34	28.77 2.52 -1.76	31.35 2.56 -3.71	35.35 2.67 -6.01	35.43 2.82 -4.97	36.69 3.01 -3.83	40.82 3.97 -0.45	43.37 4.19 0.00	44.08 4.01 0.00	42.04 3.68 0.00	40.06 3.20 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	26.95 2.09 0.00
BAYONEEC___CTG10 323750	22.56 1.69 0.00	19.90 1.38 -0.07	18.33 1.34 -0.23	17.35 1.17 -0.31	17.74 1.21 -0.24	19.05 1.28 -0.26	21.91 1.53 0.00	23.76 1.84 0.00	24.68 2.12 0.00	24.90 2.26 -0.04	27.12 2.46 -0.34	28.77 2.52 -1.76	31.35 2.56 -3.71	35.35 2.67 -6.01	35.43 2.82 -4.97	36.69 3.01 -3.83	40.82 3.97 -0.45	43.37 4.19 0.00	44.08 4.01 0.00	42.04 3.68 0.00	40.06 3.20 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	26.95 2.09 0.00
BAYONEEC___CTG2 323683	22.56 1.69 0.00	19.90 1.38 -0.07	18.33 1.34 -0.23	17.35 1.17 -0.31	17.74 1.21 -0.24	19.05 1.28 -0.26	21.91 1.53 0.00	23.76 1.84 0.00	24.68 2.12 0.00	24.90 2.26 -0.04	27.12 2.46 -0.34	28.77 2.52 -1.76	31.35 2.56 -3.71	35.35 2.67 -6.01	35.43 2.82 -4.97	36.69 3.01 -3.83	40.82 3.97 -0.45	43.37 4.19 0.00	44.08 4.01 0.00	42.04 3.68 0.00	40.06 3.20 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	26.95 2.09 0.00
BAYONEEC___CTG3 323684	22.56 1.69 0.00	19.90 1.38 -0.07	18.33 1.34 -0.23	17.35 1.17 -0.31	17.74 1.21 -0.24	19.05 1.28 -0.26	21.91 1.53 0.00	23.76 1.84 0.00	24.68 2.12 0.00	24.90 2.26 -0.04	27.12 2.46 -0.34	28.77 2.52 -1.76	31.35 2.56 -3.71	35.35 2.67 -6.01	35.43 2.82 -4.97	36.69 3.01 -3.83	40.82 3.97 -0.45	43.37 4.19 0.00	44.08 4.01 0.00	42.04 3.68 0.00	40.06 3.20 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	26.95 2.09 0.00
BAYONEEC___CTG4 323685	22.56 1.69 0.00	19.90 1.38 -0.07	18.33 1.34 -0.23	17.35 1.17 -0.31	17.74 1.21 -0.24	19.05 1.28 -0.26	21.91 1.53 0.00	23.76 1.84 0.00	24.68 2.12 0.00	24.90 2.26 -0.04	27.12 2.46 -0.34	28.77 2.52 -1.76	31.35 2.56 -3.71	35.35 2.67 -6.01	35.43 2.82 -4.97	36.69 3.01 -3.83	40.82 3.97 -0.45	43.37 4.19 0.00	44.08 4.01 0.00	42.04 3.68 0.00	40.06 3.20 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	26.95 2.09 0.00
BAYONEEC___CTG5 323686	22.56 1.69 0.00	19.90 1.38 -0.07	18.33 1.34 -0.23	17.35 1.17 -0.31	17.74 1.21 -0.24	19.05 1.28 -0.26	21.91 1.53 0.00	23.76 1.84 0.00	24.68 2.12 0.00	24.90 2.26 -0.04	27.12 2.46 -0.34	28.77 2.52 -1.76	31.35 2.56 -3.71	35.35 2.67 -6.01	35.43 2.82 -4.97	36.69 3.01 -3.83	40.82 3.97 -0.45	43.37 4.19 0.00	44.08 4.01 0.00	42.04 3.68 0.00	40.06 3.20 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	26.95 2.09 0.00
BAYONEEC___CTG6 323687	22.56 1.69 0.00	19.90 1.38 -0.07	18.33 1.34 -0.23	17.35 1.17 -0.31	17.74 1.21 -0.24	19.05 1.28 -0.26	21.91 1.53 0.00	23.76 1.84 0.00	24.68 2.12 0.00	24.90 2.26 -0.04	27.12 2.46 -0.34	28.77 2.52 -1.76	31.35 2.56 -3.71	35.35 2.67 -6.01	35.43 2.82 -4.97	36.69 3.01 -3.83	40.82 3.97 -0.45	43.37 4.19 0.00	44.08 4.01 0.00	42.04 3.68 0.00	40.06 3.20 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	26.95 2.09 0.00

BAYONEEC___CTG7 323688	22.56 1.69 0.00	19.90 1.38 -0.07	18.33 1.34 -0.23	17.35 1.17 -0.31	17.74 1.21 -0.24	19.05 1.28 -0.26	21.91 1.53 0.00	23.76 1.84 0.00	24.68 2.12 0.00	24.90 2.26 -0.04	27.12 2.46 -0.34	28.77 2.52 -1.76	31.35 2.56 -3.71	35.35 2.67 -6.01	35.43 2.82 -4.97	36.69 3.01 -3.83	40.82 3.97 -0.45	43.37 4.19 0.00	44.08 4.01 0.00	42.04 3.68 0.00	40.06 3.20 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	26.95 2.09 0.00
BAYONEEC___CTG8 323689	22.56 1.69 0.00	19.90 1.38 -0.07	18.33 1.34 -0.23	17.35 1.17 -0.31	17.74 1.21 -0.24	19.05 1.28 -0.26	21.91 1.53 0.00	23.76 1.84 0.00	24.68 2.12 0.00	24.90 2.26 -0.04	27.12 2.46 -0.34	28.77 2.52 -1.76	31.35 2.56 -3.71	35.35 2.67 -6.01	35.43 2.82 -4.97	36.69 3.01 -3.83	40.82 3.97 -0.45	43.37 4.19 0.00	44.08 4.01 0.00	42.04 3.68 0.00	40.06 3.20 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	26.95 2.09 0.00
BAYONEEC___CTG9 323749	22.56 1.69 0.00	19.90 1.38 -0.07	18.33 1.34 -0.23	17.35 1.17 -0.31	17.74 1.21 -0.24	19.05 1.28 -0.26	21.91 1.53 0.00	23.76 1.84 0.00	24.68 2.12 0.00	24.90 2.26 -0.04	27.12 2.46 -0.34	28.77 2.52 -1.76	31.35 2.56 -3.71	35.35 2.67 -6.01	35.43 2.82 -4.97	36.69 3.01 -3.83	40.82 3.97 -0.45	43.37 4.19 0.00	44.08 4.01 0.00	42.04 3.68 0.00	40.06 3.20 -1.64	34.91 2.94 0.00	30.28 2.50 0.00	26.95 2.09 0.00
BEACON___LESR 323632	21.79 0.92 0.00	19.87 1.00 -0.42	19.18 0.92 -1.50	18.67 0.82 -1.98	18.69 0.83 -1.57	20.12 0.91 -1.70	21.44 1.06 0.00	22.92 1.01 0.00	23.60 1.04 0.00	23.48 0.88 0.00	25.27 0.95 0.00	25.52 1.03 0.00	26.11 1.03 0.00	27.72 1.04 0.00	28.78 1.13 0.00	31.10 1.25 0.00	38.23 1.82 0.00	41.29 2.11 0.00	42.27 2.20 0.00	40.46 2.11 0.00	42.49 1.94 -5.33	33.63 1.66 0.00	29.17 1.39 0.00	26.01 1.14 0.00
BEAVER RIVER___HYD 24048	20.87 0.00 0.00	18.47 0.02 0.00	16.74 -0.02 0.00	15.95 0.08 0.00	16.42 0.13 0.00	17.61 0.11 0.00	20.58 0.20 0.00	22.07 0.15 0.00	22.61 0.05 0.00	22.58 -0.02 0.00	24.37 -0.07 -0.12	24.55 -0.07 -0.13	24.40 -0.17 0.50	24.32 -0.11 2.25	24.79 -0.16 2.69	26.53 -0.21 3.10	31.66 -0.25 4.49	33.99 -0.16 5.03	35.58 0.08 4.57	33.78 0.34 4.92	31.34 0.42 4.30	28.55 0.23 3.65	25.08 0.14 2.84	22.71 0.05 2.20
BEEBEE_GT_13 23619	20.14 -0.73 0.00	17.80 -0.65 0.00	16.12 -0.64 0.00	15.25 -0.62 0.00	15.71 -0.59 0.00	16.93 -0.58 0.00	19.74 -0.63 0.00	21.48 -0.44 0.00	22.11 -0.45 0.00	22.28 -0.32 0.00	23.91 -0.41 0.00	24.08 -0.42 0.00	24.58 -0.50 0.00	26.28 -0.40 0.00	27.23 -0.41 0.00	29.43 -0.42 0.00	35.71 -0.69 0.00	38.39 -0.78 0.00	39.39 -0.68 0.00	37.63 -0.73 0.00	34.65 -0.56 0.00	31.17 -0.80 0.00	27.39 -0.39 0.00	24.54 -0.32 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.88 2.00 -0.01	20.18 1.66 -0.07	18.59 1.59 -0.24	17.58 1.40 -0.32	18.03 1.48 -0.25	19.28 1.51 -0.27	22.07 1.69 0.00	23.95 2.04 0.00	24.82 2.26 0.00	25.08 2.44 -0.04	27.39 2.72 -0.35	29.07 2.79 -1.79	31.70 2.86 -3.77	35.82 3.04 -6.11	35.84 3.15 -5.05	38.09 3.40 -4.84	41.46 4.44 -0.62	44.01 4.78 -0.06	44.60 4.53 0.00	42.54 4.18 0.00	40.64 3.73 -1.69	35.26 3.29 0.00	30.65 2.86 -0.01	27.34 2.46 -0.01
BETHLEHEM___GRP 23843	21.48 0.61 0.00	19.61 0.76 -0.41	18.93 0.72 -1.45	18.41 0.63 -1.91	18.46 0.65 -1.52	19.83 0.68 -1.65	21.17 0.79 0.00	22.59 0.68 0.00	23.26 0.70 0.00	23.14 0.54 0.00	24.95 0.63 0.00	25.18 0.69 0.00	25.76 0.68 0.00	27.29 0.61 0.00	28.33 0.69 0.00	30.62 0.78 0.00	37.57 1.17 0.00	40.55 1.37 0.00	41.47 1.40 0.00	39.70 1.34 0.00	41.69 1.27 -5.20	33.03 1.06 0.00	28.67 0.89 0.00	25.59 0.72 0.00
BETHLEHEM___GS1 323560	21.48 0.61 0.00	19.62 0.76 -0.41	18.93 0.72 -1.45	18.41 0.64 -1.91	18.44 0.63 -1.52	19.83 0.68 -1.65	21.15 0.77 0.00	22.57 0.66 0.00	23.26 0.70 0.00	23.17 0.57 0.00	24.95 0.63 0.00	25.15 0.66 0.00	25.71 0.63 0.00	27.29 0.61 0.00	28.33 0.69 0.00	30.62 0.77 0.00	37.57 1.16 0.00	40.55 1.37 0.00	41.47 1.40 0.00	39.70 1.34 0.00	41.68 1.27 -5.20	33.02 1.05 0.00	28.67 0.89 0.00	25.59 0.72 0.00
BETHLEHEM___GS2 323561	21.48 0.61 0.00	19.62 0.76 -0.41	18.93 0.72 -1.45	18.41 0.64 -1.91	18.44 0.63 -1.52	19.83 0.68 -1.65	21.15 0.77 0.00	22.57 0.66 0.00	23.26 0.70 0.00	23.17 0.57 0.00	24.95 0.63 0.00	25.15 0.66 0.00	25.71 0.63 0.00	27.29 0.61 0.00	28.33 0.69 0.00	30.62 0.77 0.00	37.57 1.16 0.00	40.55 1.37 0.00	41.47 1.40 0.00	39.70 1.34 0.00	41.68 1.27 -5.20	33.02 1.05 0.00	28.67 0.89 0.00	25.59 0.72 0.00
BETHLEHEM___GS3 323562	21.48 0.61 0.00	19.62 0.76 -0.41	18.93 0.72 -1.45	18.41 0.64 -1.91	18.44 0.63 -1.52	19.83 0.68 -1.65	21.15 0.77 0.00	22.57 0.66 0.00	23.26 0.70 0.00	23.17 0.57 0.00	24.95 0.63 0.00	25.15 0.66 0.00	25.71 0.63 0.00	27.29 0.61 0.00	28.33 0.69 0.00	30.62 0.77 0.00	37.57 1.16 0.00	40.55 1.37 0.00	41.47 1.40 0.00	39.70 1.34 0.00	41.68 1.27 -5.20	33.02 1.05 0.00	28.67 0.89 0.00	25.59 0.72 0.00
BETHLEHEM___STEEL 23779	19.89 -0.98 0.00	17.55 -0.90 0.00	15.83 -0.92 0.00	15.01 -0.86 0.00	15.46 -0.83 0.00	16.70 -0.81 0.00	19.50 -0.88 0.00	21.35 -0.57 0.00	22.04 -0.52 0.00	22.24 -0.36 0.00	23.86 -0.46 0.00	23.95 -0.54 0.00	24.40 -0.68 0.00	26.09 -0.59 0.00	26.98 -0.66 0.00	29.19 -0.66 0.00	35.28 -1.13 -0.01	37.89 -1.29 -0.01	38.95 -1.12 -0.01	37.10 -1.27 -0.01	34.48 -0.99 -0.25	30.66 -1.31 0.00	27.14 -0.64 0.00	24.49 -0.37 0.00
BETHLHEM_115KV_TB1 79974	21.50 0.63 0.00	19.58 0.74 -0.39	18.84 0.70 -1.38	18.30 0.62 -1.82	18.37 0.64 -1.44	19.73 0.67 -1.56	21.15 0.77 0.00	22.59 0.68 0.00	23.29 0.72 0.00	23.19 0.59 0.00	25.00 0.68 0.00	25.23 0.73 0.00	25.81 0.73 0.00	27.37 0.69 0.00	28.39 0.75 0.00	30.68 0.84 0.00	37.64 1.24 0.00	40.59 1.41 0.00	41.51 1.44 0.00	39.74 1.38 0.00	41.52 1.30 -5.00	33.06 1.09 0.00	28.70 0.92 0.00	25.61 0.75 0.00
BETHPAGE_CC_5 323564	23.00 2.13 0.00	20.16 1.64 -0.07	18.58 1.59 -0.23	17.46 1.28 -0.31	17.87 1.34 -0.24	19.31 1.54 -0.26	22.19 1.81 0.00	24.13 2.21 0.00	25.09 2.53 0.00	25.33 2.73 0.00	31.42 2.77 -4.33	32.27 2.79 -4.99	33.52 2.83 -5.61	35.44 2.93 -5.83	47.10 3.10 -16.37	50.84 3.28 -17.71	47.32 4.29 -6.62	49.56 4.62 -5.76	53.00 4.49 -8.44	44.58 4.22 -2.00	40.27 3.41 -1.64	35.43 3.32 -0.13	31.41 2.97 -0.66	29.40 2.61 -1.92
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.95 -0.92 0.00	17.60 -0.85 0.00	15.89 -0.87 0.00	15.06 -0.81 0.00	15.51 -0.78 0.00	16.75 -0.75 0.00	19.56 -0.82 0.00	21.41 -0.50 0.00	22.11 -0.45 0.00	22.33 -0.27 0.00	23.96 -0.36 0.00	24.05 -0.44 0.00	24.50 -0.58 0.00	26.22 -0.45 0.00	27.12 -0.53 0.00	29.34 -0.51 0.00	35.47 -0.95 -0.01	38.12 -1.06 -0.01	39.19 -0.88 -0.01	37.29 -1.07 -0.01	34.63 -0.85 -0.25	30.79 -1.18 0.00	27.22 -0.56 0.00	24.59 -0.27 0.00

BINGHAMTON___COGEN 23790	21.04 0.17 0.00	18.60 0.13 -0.03	16.95 0.10 -0.09	16.03 0.05 -0.12	16.48 0.10 -0.09	17.75 0.14 -0.10	20.56 0.18 0.00	22.22 0.31 0.00	22.88 0.32 0.00	22.96 0.36 0.00	24.78 0.36 -0.09	24.96 0.37 -0.10	25.55 0.35 -0.12	27.35 0.45 -0.22	28.39 0.47 -0.28	30.76 0.51 -0.41	37.80 0.62 -0.77	40.82 0.71 -0.93	41.85 0.80 -0.97	39.99 0.77 -0.87	37.18 0.70 -1.26	32.97 0.48 -0.52	28.52 0.47 -0.27	25.36 0.37 -0.12
BIXINCNT_115KV_LOAD 355685	20.04 -0.83 0.00	17.64 -0.81 0.00	15.89 -0.87 0.00	15.02 -0.84 0.00	15.49 -0.80 0.00	16.72 -0.79 0.00	19.54 -0.84 0.00	21.48 -0.44 0.00	22.13 -0.43 0.00	22.44 -0.16 0.00	24.08 -0.24 0.00	24.12 -0.37 0.00	24.45 -0.63 0.00	26.22 -0.45 0.00	27.09 -0.55 0.00	29.28 -0.57 0.00	35.39 -1.02 0.00	38.08 -1.10 0.00	39.11 -0.96 0.00	37.29 -1.07 0.00	34.50 -0.99 -0.27	30.79 -1.18 0.00	27.06 -0.72 0.00	24.44 -0.42 0.00
BLACK RIVER___HYD 24047	20.87 0.00 0.00	18.49 0.04 0.00	16.76 0.00 0.00	15.91 0.05 0.00	16.41 0.11 0.00	17.64 0.14 0.00	20.64 0.26 0.00	22.11 0.20 0.00	22.63 0.07 0.00	22.60 0.00 0.00	24.46 -0.07 -0.21	24.67 -0.05 -0.22	24.87 -0.03 0.18	25.50 0.08 1.26	26.16 0.00 1.48	28.22 -0.03 1.59	34.25 -0.11 2.05	37.01 0.04 2.21	38.64 0.40 1.83	36.95 0.81 2.21	33.99 0.81 2.04	30.70 0.54 1.82	26.57 0.39 1.60	23.74 0.22 1.35
BLACKRVR_115KV_TB2 79977	20.87 0.00 0.00	18.49 0.04 0.00	16.76 0.00 0.00	15.91 0.05 0.00	16.39 0.10 0.00	17.64 0.14 0.00	20.64 0.26 0.00	22.11 0.20 0.00	22.63 0.07 0.00	22.62 0.02 0.00	24.46 -0.07 -0.21	24.67 -0.05 -0.22	24.84 -0.05 0.18	25.50 0.08 1.26	26.16 0.00 1.48	28.22 -0.03 1.59	34.25 -0.11 2.05	37.01 0.04 2.21	38.64 0.40 1.83	36.95 0.81 2.21	33.99 0.81 2.04	30.70 0.54 1.82	26.57 0.39 1.60	23.74 0.22 1.35
BLISS_WT_PWR 323608	19.99 -0.88 0.00	17.58 -0.87 0.00	15.82 -0.94 0.00	14.98 -0.89 0.00	15.35 -0.95 0.00	16.65 -0.86 0.00	19.44 -0.94 0.00	21.21 -0.70 0.00	22.04 -0.52 0.00	22.17 -0.43 0.00	24.15 -0.17 0.00	24.07 -0.42 0.00	24.45 -0.63 0.00	26.11 -0.56 0.00	26.90 -0.75 0.00	29.13 -0.72 0.00	35.17 -1.24 0.00	37.89 -1.29 0.00	38.91 -1.16 0.00	37.13 -1.23 0.00	34.11 -1.37 -0.27	30.66 -1.31 0.00	26.72 -1.06 0.00	24.32 -0.55 0.00
BLUESTONE___WT_PWR 323821	21.85 0.98 0.00	19.38 0.89 -0.05	17.69 0.77 -0.16	16.75 0.67 -0.21	17.20 0.73 -0.17	18.58 0.89 -0.18	21.52 1.14 0.00	23.49 1.58 0.00	24.12 1.56 0.00	24.11 1.51 0.00	26.02 1.63 -0.07	26.18 1.62 -0.07	26.99 1.83 -0.08	28.96 2.13 -0.15	29.96 2.13 -0.19	32.46 2.33 -0.29	39.79 2.84 -0.54	43.24 3.41 -0.66	44.64 3.89 -0.68	42.88 3.91 -0.61	40.14 3.49 -1.43	35.18 2.84 -0.36	30.22 2.25 -0.19	26.84 1.89 -0.09
BLUE_CIRC_CHEM_DRP 24182	21.60 0.73 0.00	19.51 0.76 -0.30	18.52 0.70 -1.06	17.90 0.63 -1.40	18.05 0.65 -1.11	19.39 0.68 -1.21	21.17 0.79 0.00	22.66 0.75 0.00	23.29 0.72 0.00	23.17 0.57 0.00	24.93 0.61 0.00	25.13 0.64 0.00	25.73 0.65 0.00	27.32 0.64 0.00	28.36 0.72 0.00	30.68 0.84 0.00	37.68 1.27 0.00	40.67 1.49 0.00	41.67 1.60 0.00	39.93 1.57 0.00	40.82 1.48 -4.13	33.25 1.28 0.00	28.84 1.06 0.00	25.76 0.90 0.00
BOC_GAS_DRP 24189	21.50 0.63 0.00	19.33 0.61 -0.27	18.30 0.59 -0.96	17.64 0.51 -1.27	17.83 0.54 -1.00	19.16 0.56 -1.09	21.03 0.65 0.00	22.59 0.68 0.00	23.31 0.74 0.00	23.28 0.68 0.00	25.07 0.75 0.00	25.28 0.78 0.00	25.88 0.80 0.00	27.48 0.80 0.00	28.50 0.86 0.00	30.77 0.93 0.00	37.72 1.31 0.00	40.63 1.45 0.00	41.47 1.40 0.00	39.74 1.38 0.00	40.32 1.23 -3.87	33.03 1.06 0.00	28.67 0.89 0.00	25.61 0.75 0.00
BOONVILLE_115KV_TB1 79983	21.25 0.38 0.00	18.82 0.37 0.00	17.07 0.32 0.00	16.17 0.30 0.00	16.63 0.34 0.00	17.91 0.40 0.00	20.89 0.51 0.00	22.44 0.53 0.00	23.04 0.47 0.00	23.03 0.43 0.00	24.81 0.44 -0.06	24.99 0.44 -0.06	25.41 0.43 0.09	26.73 0.56 0.50	27.60 0.55 0.60	29.78 0.60 0.67	36.26 0.76 0.91	39.15 0.98 1.01	40.35 1.16 0.88	38.66 1.30 1.00	35.52 1.20 0.89	32.13 0.93 0.77	27.86 0.72 0.64	24.90 0.55 0.52
BORALEX_4TH_BRANCH 23824	22.29 1.42 0.00	20.31 1.29 -0.57	20.02 1.26 -2.01	19.68 1.16 -2.65	19.63 1.24 -2.10	21.12 1.33 -2.28	21.92 1.55 0.00	23.54 1.62 0.00	24.16 1.60 0.00	23.87 1.27 0.00	25.71 1.39 0.00	25.94 1.44 0.00	26.56 1.48 0.00	28.25 1.57 0.00	29.30 1.66 0.00	31.64 1.79 0.00	38.92 2.51 0.00	42.12 2.94 0.00	43.00 2.93 0.00	41.19 2.84 0.00	44.68 2.75 -6.72	34.37 2.40 0.00	29.86 2.08 0.00	26.61 1.74 0.00
BOWLINE___1 23526	22.25 1.38 0.00	19.68 1.16 -0.06	18.08 1.11 -0.22	17.11 0.95 -0.29	17.52 0.99 -0.23	18.82 1.07 -0.25	21.66 1.28 0.00	23.43 1.51 0.00	24.32 1.76 0.00	24.43 1.83 0.00	26.32 1.99 0.00	26.52 2.03 0.00	27.13 2.06 0.00	28.81 2.13 0.00	29.91 2.27 0.00	32.24 2.39 0.00	39.65 3.24 0.00	42.66 3.49 0.00	43.44 3.37 0.00	41.46 3.11 0.00	39.50 2.71 -1.57	34.37 2.40 0.00	29.81 2.03 0.00	26.58 1.71 0.00
BOWLINE___2 23595	22.25 1.38 0.00	19.68 1.16 -0.06	18.08 1.11 -0.22	17.11 0.95 -0.29	17.52 0.99 -0.23	18.82 1.07 -0.25	21.66 1.28 0.00	23.43 1.51 0.00	24.32 1.76 0.00	24.43 1.83 0.00	26.32 1.99 0.00	26.52 2.03 0.00	27.11 2.03 0.00	28.78 2.11 0.00	29.88 2.24 0.00	32.20 2.36 0.00	39.57 3.17 0.00	42.63 3.45 0.00	43.36 3.29 0.00	41.38 3.03 0.00	39.43 2.64 -1.57	34.30 2.33 0.00	29.78 2.00 0.00	26.58 1.71 0.00
BRADY___115KV_TB2 356060	20.29 -0.58 0.00	17.97 -0.48 0.00	16.27 -0.49 0.00	15.75 -0.11 0.00	15.98 -0.31 0.00	17.08 -0.42 0.00	19.95 -0.43 0.00	21.43 -0.48 0.00	21.93 -0.63 0.00	21.90 -0.70 0.00	23.52 -0.80 0.00	23.65 -0.83 0.01	22.04 -0.85 2.18	17.45 -0.88 8.35	16.70 -0.91 10.02	16.90 -0.98 11.96	17.09 -1.20 18.12	17.21 -1.37 20.60	19.42 -1.40 19.25	17.25 -1.15 19.95	17.11 -0.99 17.12	16.97 -0.77 14.24	16.70 -0.58 10.50	16.62 -0.47 7.77
BRANSCOMB___SOLAR 323811	22.16 1.29 0.00	20.33 1.20 -0.69	20.28 1.09 -2.44	20.07 0.98 -3.22	19.87 1.03 -2.55	21.39 1.12 -2.77	21.66 1.28 0.00	23.21 1.29 0.00	23.94 1.38 0.00	23.84 1.24 0.00	25.39 1.07 0.00	25.67 1.18 0.00	26.28 1.20 0.00	27.93 1.25 0.00	29.00 1.35 0.00	31.37 1.52 0.00	38.41 2.00 0.00	41.53 2.35 0.00	42.60 2.53 0.00	40.73 2.38 0.00	45.48 2.36 -7.91	33.95 1.98 0.00	29.56 1.78 0.00	26.31 1.44 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.31 2.44 0.00	20.40 1.88 -0.07	18.80 1.81 -0.23	17.63 1.46 -0.31	18.10 1.56 -0.24	19.55 1.79 -0.26	22.45 2.08 0.00	24.50 2.59 0.00	25.43 2.87 0.00	25.67 3.07 0.00	31.86 3.21 -4.33	32.69 3.21 -4.99	33.95 3.26 -5.61	35.87 3.36 -5.83	47.63 3.62 -16.37	51.47 3.91 -17.71	47.83 4.81 -6.62	50.15 5.21 -5.76	53.60 5.09 -8.44	45.19 4.83 -2.00	40.94 4.09 -1.64	35.84 3.77 -0.10	31.88 3.44 -0.66	29.85 3.06 -1.92

BRISTLHL_115KV_TB1 79998	20.64 -0.23 0.00	18.23 -0.22 0.00	16.56 -0.20 0.00	15.64 -0.22 0.00	16.10 -0.20 0.00	17.33 -0.18 0.00	20.15 -0.22 0.00	21.63 -0.28 0.00	22.22 -0.34 0.00	22.33 -0.27 0.00	24.45 -0.34 -0.47	24.67 -0.32 -0.50	25.36 -0.33 -0.61	27.51 -0.27 -1.10	28.79 -0.25 -1.40	31.60 -0.30 -2.05	39.92 -0.40 -3.91	43.43 -0.47 -4.72	44.68 -0.32 -4.93	42.46 -0.31 -4.41	38.41 -0.28 -3.48	34.24 -0.35 -2.62	28.91 -0.22 -1.35	25.22 -0.27 -0.63
BROOKHAVEN___DRP 24191	23.17 2.30 0.00	20.27 1.75 -0.07	18.68 1.69 -0.23	17.54 1.36 -0.31	18.00 1.47 -0.24	19.45 1.68 -0.26	22.33 1.96 0.00	24.37 2.45 0.00	25.32 2.75 0.00	25.56 2.96 0.00	31.71 3.06 -4.33	32.59 3.11 -4.99	33.82 3.13 -5.61	35.74 3.23 -5.83	47.49 3.48 -16.37	51.35 3.79 -17.71	47.80 4.77 -6.62	50.16 5.21 -5.77	53.61 5.09 -8.45	45.16 4.79 -2.01	40.69 3.84 -1.64	35.71 3.64 -0.09	31.72 3.28 -0.66	29.70 2.91 -1.92
BROOKLYN_NAVY_YARD 23515	22.56 1.69 0.00	19.88 1.37 -0.07	18.33 1.34 -0.23	17.33 1.16 -0.31	17.72 1.19 -0.24	19.03 1.26 -0.26	21.91 1.53 0.00	23.78 1.86 0.00	24.68 2.12 0.00	24.92 2.28 -0.04	27.12 2.46 -0.34	28.75 2.50 -1.76	31.35 2.56 -3.71	35.33 2.64 -6.01	35.40 2.79 -4.97	36.67 2.98 -3.83	40.86 4.00 -0.45	43.41 4.23 0.00	44.12 4.05 0.00	42.07 3.72 0.00	40.09 3.24 -1.64	34.88 2.91 0.00	30.31 2.53 0.00	26.98 2.11 0.00
BROOKLYN___ARMY_DRP 323595	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
BROOKVLE_69_KV_TB1 55790	22.85 1.98 0.00	20.08 1.57 -0.07	18.50 1.51 -0.23	17.43 1.25 -0.31	17.87 1.34 -0.24	19.24 1.47 -0.26	22.11 1.73 0.00	24.04 2.13 0.00	24.95 2.39 0.00	25.15 2.55 0.00	31.45 2.80 -4.33	32.32 2.84 -4.99	33.60 2.91 -5.61	35.55 3.04 -5.83	47.13 3.12 -16.37	50.93 3.37 -17.71	47.47 4.44 -6.62	49.72 4.78 -5.76	53.16 4.65 -8.44	44.65 4.30 -2.00	40.52 3.66 -1.64	35.60 3.45 -0.18	31.33 2.89 -0.66	29.28 2.49 -1.92
BROOME_2_LFGE 323671	21.04 0.17 0.00	18.61 0.13 -0.03	16.95 0.10 -0.09	16.03 0.05 -0.12	16.45 0.07 -0.09	17.75 0.14 -0.10	20.56 0.18 0.00	22.18 0.26 0.00	22.86 0.29 0.00	22.92 0.32 0.00	24.78 0.37 -0.09	24.93 0.34 -0.10	25.58 0.38 -0.12	27.35 0.45 -0.22	28.39 0.47 -0.28	30.76 0.51 -0.41	37.80 0.62 -0.77	40.82 0.71 -0.93	41.85 0.80 -0.97	39.99 0.77 -0.87	37.14 0.67 -1.26	32.97 0.48 -0.52	28.49 0.44 -0.27	25.36 0.37 -0.12
BROOME___LFGE 323600	21.04 0.17 0.00	18.61 0.13 -0.03	16.95 0.10 -0.09	16.03 0.05 -0.12	16.45 0.07 -0.09	17.75 0.14 -0.10	20.56 0.18 0.00	22.18 0.26 0.00	22.86 0.29 0.00	22.92 0.32 0.00	24.78 0.37 -0.09	24.93 0.34 -0.10	25.58 0.38 -0.12	27.35 0.45 -0.22	28.39 0.47 -0.28	30.76 0.51 -0.41	37.80 0.62 -0.77	40.82 0.71 -0.93	41.85 0.80 -0.97	39.99 0.77 -0.87	37.14 0.67 -1.26	32.97 0.48 -0.52	28.49 0.44 -0.27	25.36 0.37 -0.12
BROWNFLS_115KV_TB_3_5 80003	20.47 -0.40 0.00	18.14 -0.31 0.00	16.42 -0.34 0.00	15.77 -0.10 0.00	16.10 -0.20 0.00	17.26 -0.25 0.00	20.17 -0.20 0.00	21.65 -0.26 0.00	22.16 -0.41 0.00	22.15 -0.45 0.00	23.85 -0.56 -0.08	24.01 -0.56 -0.09	23.24 -0.68 1.16	21.31 -0.72 4.64	21.27 -0.80 5.57	22.41 -0.87 6.57	25.54 -1.06 9.81	26.90 -1.18 11.10	28.75 -1.04 10.28	26.80 -0.77 10.78	25.27 -0.63 9.31	23.61 -0.58 7.79	21.51 -0.42 5.85	20.10 -0.37 4.40
BROWNSV1_27_KV_LOAD 356125	22.75 1.88 0.00	20.05 1.53 -0.07	18.46 1.47 -0.23	17.47 1.30 -0.31	17.90 1.37 -0.24	19.17 1.40 -0.26	22.07 1.69 0.00	24.00 2.08 0.00	24.91 2.35 0.00	25.10 2.46 -0.04	27.41 2.75 -0.34	29.04 2.79 -1.76	31.62 2.83 -3.71	35.65 2.96 -6.01	35.71 3.10 -4.97	37.02 3.34 -3.83	41.26 4.41 -0.45	43.88 4.70 0.00	44.60 4.53 0.00	42.54 4.18 0.00	40.59 3.73 -1.64	35.23 3.26 0.00	30.53 2.75 0.00	27.20 2.34 0.00
BURROWS___LYONSDAL 23803	21.18 0.31 0.00	18.75 0.30 0.00	17.01 0.25 0.00	16.12 0.25 0.00	16.59 0.29 0.00	17.84 0.33 0.00	20.82 0.45 0.00	22.38 0.46 0.00	22.97 0.41 0.00	22.94 0.34 0.00	24.73 0.34 -0.07	24.91 0.34 -0.07	25.18 0.28 0.17	26.23 0.40 0.85	27.02 0.39 1.01	29.12 0.42 1.15	35.34 0.55 1.62	38.09 0.71 1.80	39.39 0.92 1.60	37.66 1.07 1.77	34.68 1.02 1.56	31.40 0.77 1.34	27.27 0.56 1.07	24.44 0.42 0.85
CAITHNESS_CC_1 323624	23.17 2.30 0.00	20.27 1.75 -0.07	18.70 1.71 -0.23	17.54 1.36 -0.31	17.97 1.43 -0.24	19.45 1.68 -0.26	22.33 1.96 0.00	24.30 2.39 0.00	25.29 2.73 0.00	25.56 2.96 0.00	31.69 3.04 -4.33	32.57 3.09 -4.99	33.80 3.11 -5.61	35.71 3.20 -5.83	47.46 3.45 -16.37	51.29 3.73 -17.71	47.76 4.73 -6.62	50.08 5.13 -5.77	53.53 5.01 -8.45	45.08 4.72 -2.01	40.55 3.70 -1.64	35.67 3.61 -0.09	31.74 3.30 -0.66	29.70 2.91 -1.92
CALPINE BETH_PAGE_GT4 24209	22.98 2.11 0.00	20.14 1.62 -0.07	18.56 1.58 -0.23	17.44 1.27 -0.31	17.90 1.37 -0.24	19.31 1.54 -0.26	22.17 1.79 0.00	24.17 2.26 0.00	25.09 2.53 0.00	25.31 2.71 0.00	31.42 2.77 -4.33	32.27 2.79 -4.99	33.55 2.86 -5.61	35.47 2.96 -5.83	47.05 3.04 -16.37	50.84 3.28 -17.71	47.29 4.26 -6.62	49.56 4.62 -5.76	53.00 4.49 -8.44	44.54 4.18 -2.00	40.34 3.49 -1.64	35.51 3.39 -0.15	31.38 2.94 -0.66	29.40 2.61 -1.92
CALPINE_BETH_PAGE_GT_4 323586	22.98 2.11 0.00	20.14 1.62 -0.07	18.56 1.57 -0.23	17.44 1.27 -0.31	17.87 1.34 -0.24	19.31 1.54 -0.26	22.17 1.79 0.00	24.11 2.19 0.00	25.07 2.50 0.00	25.31 2.71 0.00	31.40 2.75 -4.33	32.27 2.79 -4.99	33.52 2.83 -5.61	35.47 2.96 -5.83	47.05 3.04 -16.37	50.81 3.25 -17.71	47.28 4.26 -6.62	49.56 4.62 -5.76	53.00 4.49 -8.44	44.54 4.18 -2.00	40.23 3.38 -1.64	35.51 3.39 -0.15	31.41 2.97 -0.66	29.40 2.61 -1.92
CALPINE_BP_GT1 23823	22.98 2.11 0.00	20.14 1.62 -0.07	18.56 1.57 -0.23	17.44 1.27 -0.31	17.87 1.34 -0.24	19.31 1.54 -0.26	22.17 1.79 0.00	24.11 2.19 0.00	25.07 2.50 0.00	25.31 2.71 0.00	31.40 2.75 -4.33	32.27 2.79 -4.99	33.52 2.83 -5.61	35.47 2.96 -5.83	47.05 3.04 -16.37	50.81 3.25 -17.71	47.28 4.26 -6.62	49.56 4.62 -5.76	53.00 4.49 -8.44	44.54 4.18 -2.00	40.23 3.38 -1.64	35.51 3.39 -0.15	31.41 2.97 -0.66	29.40 2.61 -1.92
CALSPAN___DRP 24200	19.89 -0.98 0.00	17.55 -0.90 0.00	15.83 -0.92 0.00	15.01 -0.86 0.00	15.46 -0.83 0.00	16.70 -0.81 0.00	19.50 -0.88 0.00	21.35 -0.57 0.00	22.04 -0.52 0.00	22.24 -0.36 0.00	23.86 -0.46 0.00	23.95 -0.54 0.00	24.40 -0.68 0.00	26.09 -0.59 0.00	26.98 -0.66 0.00	29.19 -0.66 0.00	35.28 -1.13 -0.01	37.89 -1.29 -0.01	38.95 -1.12 -0.01	37.10 -1.27 -0.01	34.48 -0.99 -0.25	30.66 -1.31 0.00	27.14 -0.64 0.00	24.49 -0.37 0.00

CHESTROR_138KV_BK263 355645	22.06 1.19 0.00	19.50 1.00 -0.06	17.92 0.96 -0.21	16.97 0.82 -0.28	17.39 0.88 -0.22	18.67 0.93 -0.24	21.48 1.10 0.00	23.27 1.36 0.00	24.07 1.51 0.00	24.11 1.51 0.00	26.02 1.70 0.00	26.23 1.74 0.00	26.86 1.78 0.00	28.52 1.84 0.00	29.58 1.93 0.00	31.94 2.09 0.00	39.21 2.80 0.00	42.23 3.06 0.00	43.04 2.97 0.00	41.12 2.76 0.00	39.16 2.47 -1.48	34.08 2.11 0.00	29.53 1.75 0.00	26.36 1.49 0.00
CH_MIDHUDSON___DRP 24192	22.27 1.40 0.00	19.70 1.18 -0.07	18.15 1.14 -0.25	17.19 0.98 -0.34	17.60 1.04 -0.27	18.91 1.12 -0.29	21.70 1.32 0.00	23.47 1.56 0.00	24.30 1.74 0.00	24.32 1.72 0.00	26.24 1.92 0.00	26.45 1.96 0.00	27.11 2.03 0.00	28.76 2.08 0.00	29.85 2.21 0.00	32.23 2.39 0.00	39.65 3.24 0.00	42.70 3.53 0.00	43.48 3.41 0.00	41.54 3.18 0.00	39.79 2.85 -1.72	34.43 2.46 0.00	29.84 2.06 0.00	26.61 1.74 0.00
CH_MISC_IPPS 23765	22.37 1.50 0.00	19.77 1.26 -0.07	18.19 1.19 -0.25	17.24 1.05 -0.32	17.61 1.06 -0.26	18.96 1.17 -0.28	21.76 1.39 0.00	23.51 1.60 0.00	24.39 1.83 0.00	24.43 1.83 0.00	26.34 2.02 0.00	26.57 2.08 0.00	27.24 2.16 0.00	28.92 2.24 0.00	30.08 2.43 0.00	32.44 2.60 0.00	39.94 3.53 0.00	43.02 3.84 0.00	43.80 3.73 0.00	41.85 3.49 0.00	39.95 3.06 -1.67	34.66 2.69 0.00	30.03 2.25 0.00	26.75 1.89 0.00
CH_RES_BVR_FALLS 23983	20.39 -0.48 0.00	18.01 -0.44 0.00	16.30 -0.45 0.00	15.48 -0.38 0.00	15.87 -0.42 0.00	16.98 -0.52 0.00	19.74 -0.63 0.00	21.26 -0.66 0.00	21.86 -0.70 0.00	21.97 -0.63 0.00	23.64 -0.68 0.00	23.77 -0.71 0.01	20.59 -0.78 3.71	11.60 -0.88 14.20	9.68 -0.91 17.05	8.48 -1.01 20.35	4.31 -1.28 30.82	2.76 -1.37 35.04	5.92 -1.40 32.75	3.04 -1.38 33.94	4.83 -1.27 29.12	6.67 -1.09 24.22	8.95 -0.97 17.86	10.80 -0.85 13.22
CH_RES_NIAGARA 23895	19.08 -1.79 0.00	16.86 -1.59 0.00	15.23 -1.52 0.00	14.45 -1.41 0.00	14.87 -1.42 0.00	16.05 -1.45 0.00	18.71 -1.67 0.00	20.47 -1.45 0.00	21.12 -1.44 0.00	21.31 -1.29 0.00	22.79 -1.53 0.00	22.90 -1.59 0.00	23.30 -1.78 0.00	24.84 -1.84 0.00	25.68 -1.96 0.00	27.76 -2.09 0.00	33.47 -2.91 0.03	35.94 -3.21 0.03	36.92 -3.13 0.03	35.15 -3.18 0.03	32.69 -2.71 -0.18	29.22 -2.75 0.00	26.06 -1.72 0.00	23.55 -1.32 0.00
CH_RES_SYRACUSE 23985	20.81 -0.06 0.00	18.38 -0.07 0.00	16.67 -0.08 0.00	15.76 -0.11 0.00	16.18 -0.11 0.00	17.45 -0.05 0.00	20.32 -0.06 0.00	21.85 -0.07 0.00	22.45 -0.11 0.00	22.53 -0.07 0.00	24.50 -0.07 -0.25	24.69 -0.07 -0.27	25.36 -0.05 -0.33	27.30 0.03 -0.59	28.42 0.03 -0.75	30.95 0.00 -1.11	38.48 -0.04 -2.11	41.69 -0.04 -2.55	42.85 0.12 -2.66	40.85 0.12 -2.38	37.20 0.11 -1.88	33.38 0.00 -1.41	28.54 0.03 -0.73	25.16 -0.05 -0.34
CLINTON_WT_PWR 323605	20.52 -0.35 0.00	18.08 -0.37 0.00	16.27 -0.49 0.00	15.58 -0.29 0.00	15.95 -0.34 0.00	17.17 -0.33 0.00	20.01 -0.37 0.00	21.76 -0.15 0.00	21.71 -0.86 0.00	21.86 -0.75 0.00	23.49 -0.83 0.00	23.53 -0.96 0.01	21.61 -1.10 2.37	16.37 -1.25 9.05	15.36 -1.41 10.87	15.44 -1.43 12.97	14.98 -1.78 19.65	15.04 -1.80 22.34	17.79 -1.40 20.87	15.07 -1.65 21.64	15.00 -1.65 18.56	14.90 -1.63 15.44	14.70 -1.70 11.39	14.82 -1.62 8.43
CLINTON___LFGE 323618	20.58 -0.29 0.00	18.15 -0.30 0.00	16.34 -0.42 0.00	15.66 -0.21 0.00	16.05 -0.24 0.00	17.26 -0.25 0.00	20.13 -0.24 0.00	21.85 -0.07 0.00	21.89 -0.68 0.00	21.99 -0.61 0.00	23.59 -0.73 0.00	23.63 -0.86 0.01	21.76 -0.95 2.36	16.61 -1.04 9.03	15.69 -1.11 10.85	15.77 -1.13 12.94	15.46 -1.35 19.60	15.60 -1.29 22.29	18.33 -0.92 20.83	15.62 -1.15 21.59	15.53 -1.16 18.52	15.39 -1.18 15.40	15.09 -1.33 11.36	15.22 -1.24 8.41
COBBLENY_34_KV_TB1 80064	19.93 -0.94 0.00	17.58 -0.87 0.00	15.87 -0.89 0.00	15.04 -0.82 0.00	15.49 -0.80 0.00	16.73 -0.77 0.00	19.54 -0.84 0.00	21.41 -0.50 0.00	22.11 -0.45 0.00	22.33 -0.27 0.00	23.96 -0.36 0.00	24.05 -0.44 0.00	24.50 -0.58 0.00	26.25 -0.43 0.00	27.14 -0.50 0.00	29.37 -0.48 0.00	35.50 -0.91 0.00	38.16 -1.02 0.00	39.23 -0.84 0.00	37.32 -1.04 0.00	34.70 -0.77 -0.26	30.82 -1.15 0.00	27.25 -0.53 0.00	24.59 -0.27 0.00
COFFEEN___115KV_TB3 355620	21.00 0.13 0.00	18.60 0.15 0.00	16.86 0.10 0.00	16.01 0.14 0.00	16.49 0.20 0.00	17.75 0.25 0.00	20.78 0.41 0.00	22.24 0.33 0.00	22.74 0.18 0.00	22.74 0.14 0.00	24.59 0.05 -0.22	24.80 0.07 -0.23	25.02 0.10 0.16	25.75 0.27 1.19	26.41 0.17 1.40	28.51 0.15 1.49	34.67 0.15 1.88	37.52 0.35 2.01	39.23 0.80 1.65	37.55 1.23 2.03	34.57 1.23 1.88	31.17 0.90 1.69	26.93 0.67 1.51	24.02 0.45 1.29
COLDSPRG_115KV_BK1 355956	20.35 -0.52 0.00	17.86 -0.59 0.00	16.09 -0.67 0.00	15.21 -0.65 0.00	15.72 -0.57 0.00	17.00 -0.51 0.00	19.91 -0.47 0.00	21.89 -0.02 0.00	22.72 0.16 0.00	22.96 0.36 0.00	24.71 0.39 0.00	24.69 0.20 0.00	25.13 0.05 0.00	26.97 0.29 0.00	27.89 0.25 0.00	30.12 0.27 0.00	36.45 0.04 0.00	39.22 0.04 0.00	40.31 0.24 0.00	38.36 0.00 0.00	35.70 0.21 -0.27	31.62 -0.35 0.00	27.72 -0.06 0.00	24.94 0.07 0.00
COLONIE_LFGE___ 323577	21.98 1.11 0.00	20.11 1.03 -0.62	19.94 0.97 -2.21	19.67 0.89 -2.92	19.53 0.93 -2.31	21.02 1.00 -2.51	21.56 1.18 0.00	23.12 1.20 0.00	23.80 1.24 0.00	23.66 1.06 0.00	25.39 1.07 0.00	25.64 1.15 0.00	26.23 1.15 0.00	27.90 1.23 0.00	28.94 1.30 0.00	31.28 1.43 0.00	38.37 1.96 0.00	41.45 2.27 0.00	42.39 2.32 0.00	40.58 2.22 0.00	44.62 2.11 -7.29	33.79 1.82 0.00	29.39 1.61 0.00	26.18 1.32 0.00
COOPERNY_115KV_TB1 80082	21.73 0.86 0.00	19.21 0.72 -0.04	17.60 0.69 -0.16	16.66 0.59 -0.21	17.09 0.64 -0.16	18.35 0.67 -0.18	21.17 0.79 0.00	22.90 0.99 0.00	23.67 1.11 0.00	23.73 1.13 0.00	25.56 1.24 0.00	25.76 1.27 0.00	26.38 1.30 0.00	28.04 1.36 0.00	29.05 1.41 0.00	31.37 1.52 0.00	38.45 2.04 0.00	41.41 2.23 0.00	42.23 2.16 0.00	40.39 2.03 0.00	38.12 1.80 -1.11	33.54 1.57 0.00	29.06 1.28 0.00	25.96 1.09 0.00
COPENHAGEN_WT_PWR 323753	20.85 -0.02 0.00	18.45 0.00 0.00	16.74 -0.02 0.00	15.88 0.02 0.00	16.37 0.08 0.00	17.61 0.11 0.00	20.58 0.20 0.00	22.05 0.13 0.00	22.59 0.02 0.00	22.56 -0.05 0.00	24.45 -0.10 -0.23	24.64 -0.10 -0.24	24.88 -0.08 0.12	25.66 0.05 1.07	26.36 -0.03 1.25	28.45 -0.09 1.31	34.64 -0.18 1.59	37.47 -0.04 1.67	39.08 0.32 1.31	37.31 0.65 1.70	34.32 0.70 1.60	30.92 0.41 1.47	26.72 0.31 1.36	23.85 0.18 1.19
CORNELL_____ 23752	21.18 0.31 0.00	18.73 0.26 -0.02	17.02 0.20 -0.06	16.09 0.14 -0.08	16.55 0.20 -0.06	17.85 0.28 -0.07	20.74 0.37 0.00	22.31 0.39 0.00	22.92 0.36 0.00	23.01 0.41 0.00	24.79 0.34 -0.13	24.98 0.34 -0.14	25.63 0.38 -0.17	27.47 0.48 -0.31	28.56 0.53 -0.40	30.97 0.54 -0.58	38.28 0.76 -1.11	41.46 0.94 -1.34	42.72 1.24 -1.40	40.80 1.19 -1.25	37.66 1.13 -1.32	33.55 0.83 -0.74	28.92 0.75 -0.38	25.62 0.57 -0.18

E179THST_138_KV_TB4_REV_LBMP_J 345001	22.71 1.84 -0.01	20.04 1.51 -0.07	18.44 1.44 -0.24	17.42 1.24 -0.32	17.88 1.34 -0.25	19.18 1.40 -0.27	21.92 1.55 0.00	23.73 1.82 0.00	24.59 2.03 0.00	24.78 2.17 -0.01	27.02 2.41 -0.29	27.28 2.45 -0.34	27.97 2.51 -0.38	35.29 2.61 -6.00	35.31 2.71 -4.96	36.57 2.90 -3.83	40.63 3.79 -0.44	43.33 4.15 0.00	43.96 3.89 0.00	41.96 3.61 0.00	39.92 3.06 -1.64	34.88 2.91 0.00	30.34 2.56 0.00	27.14 2.26 -0.01
E179THST_13_KV_LOAD 356214	22.82 1.94 -0.01	20.13 1.61 -0.07	18.51 1.51 -0.24	17.50 1.32 -0.32	17.94 1.40 -0.25	19.25 1.47 -0.27	22.01 1.63 0.00	23.84 1.93 0.00	24.71 2.14 0.00	24.91 2.31 -0.01	27.17 2.55 -0.29	27.43 2.60 -0.34	28.12 2.66 -0.38	35.48 2.80 -6.00	35.51 2.90 -4.96	36.75 3.07 -3.83	40.89 4.04 -0.44	43.60 4.43 0.00	44.24 4.17 0.00	42.19 3.84 0.00	40.13 3.28 -1.64	35.07 3.10 0.00	30.50 2.72 0.00	27.29 2.41 -0.01
EAST HAMPTON___GT 23717	23.46 2.59 0.00	20.55 2.03 -0.07	19.03 2.04 -0.23	17.87 1.70 -0.31	18.34 1.81 -0.24	19.90 2.13 -0.26	22.86 2.49 0.00	24.94 3.03 0.00	26.02 3.45 0.00	26.35 3.75 0.00	32.69 4.04 -4.33	33.57 4.09 -4.99	34.78 4.09 -5.61	36.64 4.13 -5.83	48.37 4.37 -16.37	52.24 4.69 -17.71	49.00 5.97 -6.62	51.34 6.39 -5.77	54.73 6.21 -8.45	46.01 5.64 -2.01	40.94 4.08 -1.64	36.06 4.00 -0.09	31.80 3.36 -0.66	29.65 2.86 -1.92
EAST RIVER___6 23660	22.60 1.73 0.00	19.94 1.42 -0.07	18.38 1.39 -0.23	17.38 1.21 -0.31	17.77 1.24 -0.24	19.03 1.26 -0.26	21.86 1.49 0.00	23.76 1.84 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.19 2.53 -0.34	28.84 2.59 -1.75	31.41 2.63 -3.70	35.42 2.75 -5.99	35.50 2.90 -4.95	36.77 3.10 -3.82	40.97 4.11 -0.45	43.53 4.35 0.00	44.20 4.13 0.00	42.19 3.84 0.00	40.23 3.38 -1.64	35.01 3.04 0.00	30.39 2.61 0.00	27.05 2.19 0.00
EAST RIVER___7 23524	22.60 1.73 0.00	19.94 1.42 -0.07	18.38 1.39 -0.23	17.38 1.21 -0.31	17.77 1.24 -0.24	19.03 1.26 -0.26	21.86 1.49 0.00	23.76 1.84 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.19 2.53 -0.34	28.84 2.59 -1.75	31.41 2.63 -3.70	35.42 2.75 -5.99	35.50 2.90 -4.95	36.77 3.10 -3.82	40.97 4.11 -0.45	43.53 4.35 0.00	44.20 4.13 0.00	42.19 3.84 0.00	40.23 3.38 -1.64	35.01 3.04 0.00	30.39 2.61 0.00	27.05 2.19 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.39 1.52 0.00	19.79 1.27 -0.07	18.23 1.24 -0.23	17.23 1.06 -0.31	17.68 1.14 -0.24	18.96 1.19 -0.26	21.80 1.43 0.00	23.65 1.73 0.00	24.50 1.94 0.00	24.61 2.01 0.00	26.56 2.24 0.00	26.77 2.28 0.00	27.41 2.33 0.00	29.08 2.40 0.00	30.16 2.52 0.00	32.53 2.69 0.00	39.97 3.57 0.00	43.06 3.88 0.00	43.80 3.73 0.00	41.81 3.45 0.00	39.91 3.06 -1.63	34.66 2.69 0.00	30.00 2.22 0.00	26.78 1.91 0.00
EAST_HAMPTON___DIESEL 23722	23.44 2.57 0.00	20.53 2.01 -0.07	19.02 2.03 -0.23	17.87 1.70 -0.31	18.34 1.81 -0.24	19.90 2.13 -0.26	22.86 2.49 0.00	24.94 3.03 0.00	26.02 3.45 0.00	26.35 3.75 0.00	32.66 4.01 -4.33	33.57 4.09 -4.99	34.75 4.06 -5.61	36.61 4.11 -5.83	48.35 4.34 -16.37	52.18 4.63 -17.71	48.92 5.90 -6.62	51.26 6.31 -5.77	54.61 6.09 -8.45	45.89 5.52 -2.01	40.87 4.01 -1.64	35.96 3.90 -0.09	31.71 3.28 -0.66	29.60 2.81 -1.92
EAST_POINT___SOLAR 323840	22.48 1.61 0.00	20.47 1.42 -0.60	20.12 1.22 -2.14	19.82 1.13 -2.83	19.72 1.19 -2.24	21.27 1.33 -2.43	21.68 1.31 0.00	23.03 1.12 0.00	23.65 1.08 0.00	23.46 0.86 0.00	25.17 0.85 0.00	25.30 0.81 0.00	26.11 1.03 0.00	27.82 1.15 0.00	28.89 1.25 0.00	31.49 1.64 0.00	38.37 1.96 0.00	41.96 2.78 0.00	44.24 4.17 0.00	42.57 4.22 0.00	46.04 3.87 -6.95	35.20 3.23 0.00	30.59 2.80 0.00	27.13 2.26 0.00
EAST_PULASKI___ESR 323781	20.68 -0.19 0.00	18.28 -0.17 0.00	16.59 -0.17 0.00	15.69 -0.17 0.00	16.13 -0.16 0.00	17.38 -0.12 0.00	20.25 -0.12 0.00	21.72 -0.20 0.00	22.32 -0.25 0.00	22.35 -0.25 0.00	24.44 -0.29 -0.41	24.64 -0.29 -0.44	25.19 -0.28 -0.39	26.88 -0.21 -0.41	27.96 -0.25 -0.56	30.56 -0.30 -1.01	38.10 -0.55 -2.24	41.42 -0.55 -2.79	42.76 -0.36 -3.05	40.68 -0.23 -2.55	36.93 -0.21 -1.92	33.01 -0.32 -1.36	28.16 -0.11 -0.49	24.73 -0.17 -0.04
EAST_RIVER___1 323558	22.60 1.73 0.00	19.94 1.42 -0.07	18.36 1.37 -0.23	17.38 1.21 -0.31	17.77 1.24 -0.24	19.06 1.30 -0.26	21.92 1.55 0.00	23.80 1.88 0.00	24.71 2.14 0.00	24.95 2.31 -0.04	27.17 2.51 -0.34	28.82 2.57 -1.75	31.41 2.63 -3.70	35.42 2.75 -5.99	35.47 2.87 -4.95	36.74 3.07 -3.82	40.93 4.08 -0.45	43.49 4.31 0.00	44.20 4.13 0.00	42.15 3.80 0.00	40.16 3.31 -1.64	34.97 3.00 0.00	30.33 2.55 0.00	27.00 2.14 0.00
EAST_RIVER___2 323559	22.60 1.73 0.00	19.94 1.42 -0.07	18.38 1.39 -0.23	17.38 1.21 -0.31	17.77 1.24 -0.24	19.03 1.26 -0.26	21.86 1.49 0.00	23.76 1.84 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.19 2.53 -0.34	28.84 2.59 -1.75	31.41 2.63 -3.70	35.42 2.75 -5.99	35.50 2.90 -4.95	36.77 3.10 -3.82	40.97 4.11 -0.45	43.53 4.35 0.00	44.20 4.13 0.00	42.19 3.84 0.00	40.23 3.38 -1.64	35.01 3.04 0.00	30.39 2.61 0.00	27.05 2.19 0.00
EAST___DELAWARE_HYD 23607	21.79 0.92 0.00	19.24 0.72 -0.07	17.70 0.69 -0.26	16.77 0.57 -0.34	17.14 0.59 -0.27	18.46 0.67 -0.29	21.17 0.79 0.00	22.90 0.99 0.00	23.74 1.17 0.00	23.77 1.17 0.00	25.63 1.31 0.00	25.84 1.35 0.00	26.48 1.40 0.00	27.48 0.80 0.00	28.58 0.94 0.00	30.83 0.98 0.00	37.97 1.56 0.00	40.94 1.76 0.00	41.71 1.64 0.00	39.89 1.54 0.00	38.11 1.30 -1.59	33.89 1.92 0.00	29.34 1.55 0.00	26.11 1.24 0.00
EIGHT_POINT___WT_PWR 323820	20.54 -0.33 0.00	18.08 -0.37 0.00	16.30 -0.45 0.00	15.39 -0.48 0.00	15.77 -0.52 0.00	17.10 -0.40 0.00	19.99 -0.39 0.00	21.70 -0.22 0.00	22.47 -0.09 0.00	22.58 -0.02 0.00	24.47 0.15 0.00	24.49 0.00 0.00	25.05 -0.03 0.00	26.70 0.03 0.00	27.56 -0.08 0.00	29.79 -0.06 0.00	36.08 -0.33 0.00	38.95 -0.23 0.00	40.11 0.04 0.00	38.20 -0.15 0.00	35.31 -0.21 -0.31	31.30 -0.67 0.00	27.25 -0.53 0.00	24.44 -0.42 0.00
ELBRIDGE_115KV_TB2 80188	20.70 -0.17 0.00	18.28 -0.17 0.00	16.59 -0.17 0.00	15.67 -0.19 0.00	16.13 -0.16 0.00	17.38 -0.12 0.00	20.23 -0.14 0.00	21.74 -0.18 0.00	22.36 -0.20 0.00	22.46 -0.14 0.00	24.40 -0.19 -0.27	24.58 -0.20 -0.29	25.23 -0.20 -0.35	27.17 -0.13 -0.63	28.30 -0.14 -0.80	30.84 -0.18 -1.18	38.47 -0.18 -2.24	41.69 -0.20 -2.71	42.82 -0.08 -2.83	40.81 -0.08 -2.53	37.14 -0.07 -2.00	33.28 -0.19 -1.50	28.47 -0.08 -0.78	25.05 -0.17 -0.36
ELEC_TRO_TEK 24086	22.75 1.88 0.00	19.97 1.46 -0.07	18.40 1.41 -0.23	17.31 1.14 -0.31	17.76 1.22 -0.24	19.13 1.37 -0.26	21.99 1.61 0.00	23.93 2.02 0.00	24.84 2.28 0.00	25.02 2.42 0.00	31.23 2.58 -4.33	32.10 2.62 -4.99	33.35 2.66 -5.61	35.26 2.75 -5.83	46.94 2.93 -16.37	50.69 3.13 -17.71	47.14 4.11 -6.62	49.37 4.43 -5.76	52.80 4.29 -8.44	44.38 4.03 -2.00	40.27 3.42 -1.64	35.36 3.13 -0.25	31.13 2.69 -0.66	29.13 2.34 -1.92

ELLENBURG_WT_PWR 323604	20.52 -0.35 0.00	18.08 -0.37 0.00	16.27 -0.49 0.00	15.58 -0.29 0.00	15.95 -0.34 0.00	17.17 -0.33 0.00	20.01 -0.37 0.00	21.76 -0.15 0.00	21.71 -0.86 0.00	21.86 -0.75 0.00	23.49 -0.83 0.00	23.53 -0.96 0.01	21.61 -1.10 2.37	16.37 -1.25 9.05	15.36 -1.41 10.87	15.44 -1.43 12.97	14.98 -1.78 19.65	15.04 -1.80 22.34	17.79 -1.40 20.87	15.07 -1.65 21.64	15.00 -1.65 18.56	14.90 -1.63 15.44	14.70 -1.70 11.39	14.82 -1.62 8.43
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.74 -1.13 0.00	17.44 -1.01 0.00	15.73 -1.02 0.00	14.93 -0.94 0.00	15.36 -0.93 0.00	16.59 -0.91 0.00	19.36 -1.02 0.00	21.21 -0.70 0.00	21.89 -0.68 0.00	22.10 -0.50 0.00	23.69 -0.63 0.00	23.78 -0.71 0.00	24.20 -0.88 0.00	25.88 -0.80 0.00	26.76 -0.88 0.00	28.95 -0.90 0.00	34.95 -1.46 0.00	37.57 -1.61 0.00	38.59 -1.48 0.00	36.75 -1.61 0.00	34.15 -1.30 -0.24	30.40 -1.57 0.00	26.95 -0.83 0.00	24.32 -0.55 0.00
EMPIRE_CC_1 323656	22.00 1.13 0.00	19.92 1.07 -0.40	19.20 1.04 -1.41	18.66 0.94 -1.85	18.74 0.98 -1.47	20.15 1.05 -1.60	21.62 1.24 0.00	23.14 1.23 0.00	23.80 1.24 0.00	23.66 1.06 0.00	25.49 1.17 0.00	25.72 1.22 0.00	26.28 1.20 0.00	27.90 1.23 0.00	28.94 1.30 0.00	31.25 1.40 0.00	38.41 2.00 0.00	41.49 2.31 0.00	42.31 2.24 0.00	40.54 2.19 0.00	42.28 2.04 -5.02	33.76 1.79 0.00	29.36 1.58 0.00	26.28 1.42 0.00
EMPIRE_CC_2 323658	22.00 1.13 0.00	19.92 1.07 -0.40	19.20 1.04 -1.41	18.66 0.94 -1.85	18.74 0.98 -1.47	20.15 1.05 -1.60	21.62 1.24 0.00	23.14 1.23 0.00	23.80 1.24 0.00	23.66 1.06 0.00	25.49 1.17 0.00	25.72 1.22 0.00	26.28 1.20 0.00	27.90 1.23 0.00	28.94 1.30 0.00	31.25 1.40 0.00	38.41 2.00 0.00	41.49 2.31 0.00	42.31 2.24 0.00	40.54 2.19 0.00	42.28 2.04 -5.02	33.76 1.79 0.00	29.36 1.58 0.00	26.28 1.42 0.00
ENORWICH_115KV_TB1 80156	22.04 1.17 0.00	19.54 1.05 -0.04	17.79 0.90 -0.13	16.83 0.79 -0.17	17.34 0.91 -0.14	18.72 1.07 -0.15	21.74 1.37 0.00	24.30 2.39 0.00	24.86 2.30 0.00	24.84 2.24 0.00	26.70 2.31 -0.07	26.89 2.33 -0.07	27.80 2.63 -0.08	29.90 3.07 -0.15	30.85 3.01 -0.19	33.50 3.37 -0.29	40.99 4.04 -0.54	44.77 4.94 -0.66	46.37 5.61 -0.68	44.68 5.71 -0.61	41.72 5.07 -1.43	36.46 4.12 -0.36	31.16 3.19 -0.19	27.59 2.64 -0.09
ERIE_ST_34_KV_TB1-2 80199	20.10 -0.77 0.00	17.73 -0.72 0.00	16.00 -0.75 0.00	15.15 -0.71 0.00	15.62 -0.67 0.00	16.87 -0.63 0.00	19.72 -0.65 0.00	21.56 -0.35 0.00	22.29 -0.27 0.00	22.51 -0.09 0.00	24.17 -0.15 0.00	24.27 -0.22 0.00	24.73 -0.35 0.00	26.49 -0.19 0.00	27.42 -0.22 0.00	29.70 -0.15 0.00	35.90 -0.51 0.00	38.59 -0.59 0.00	39.67 -0.40 0.00	37.71 -0.65 0.00	35.01 -0.46 -0.25	31.08 -0.90 0.00	27.42 -0.36 0.00	24.79 -0.07 0.00
ERIE_WT_PWR 323693	19.91 -0.96 0.00	17.56 -0.89 0.00	15.85 -0.91 0.00	15.02 -0.84 0.00	15.40 -0.90 0.00	16.72 -0.79 0.00	19.48 -0.90 0.00	21.17 -0.75 0.00	22.02 -0.54 0.00	22.01 -0.59 0.00	24.00 -0.32 0.00	23.98 -0.52 0.00	24.53 -0.55 0.00	26.11 -0.56 0.00	26.90 -0.75 0.00	29.22 -0.63 0.00	35.25 -1.17 -0.01	37.93 -1.26 -0.01	39.00 -1.08 -0.01	37.10 -1.26 -0.01	34.41 -1.06 -0.25	30.69 -1.28 0.00	26.92 -0.86 0.00	24.52 -0.35 0.00
ESPRGFLD_115KV_TB1 80157	21.98 1.11 0.00	19.82 0.96 -0.41	19.02 0.82 -1.45	18.50 0.73 -1.91	18.62 0.81 -1.51	20.06 0.91 -1.64	21.44 1.06 0.00	23.10 1.18 0.00	23.78 1.22 0.00	23.80 1.20 0.00	25.59 1.26 0.00	25.76 1.27 0.00	26.51 1.43 0.00	28.28 1.60 0.00	29.30 1.66 0.00	31.76 1.91 0.00	38.63 2.22 0.00	41.84 2.66 0.00	43.36 3.29 0.00	41.62 3.26 0.00	42.99 2.92 -4.85	34.37 2.40 0.00	29.84 2.06 0.00	26.53 1.67 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.16 0.29 0.00	18.71 0.24 -0.02	17.02 0.20 -0.06	16.09 0.14 -0.08	16.55 0.20 -0.06	17.84 0.26 -0.07	20.72 0.35 0.00	22.29 0.37 0.00	22.90 0.34 0.00	22.98 0.38 0.00	24.78 0.32 -0.14	24.96 0.32 -0.15	25.61 0.35 -0.18	27.46 0.45 -0.33	28.53 0.47 -0.41	30.96 0.51 -0.61	38.29 0.73 -1.16	41.48 0.90 -1.40	42.69 1.16 -1.46	40.81 1.15 -1.31	37.63 1.06 -1.36	33.55 0.80 -0.78	28.88 0.69 -0.40	25.58 0.52 -0.19
ETNA____115KV_TB2 80207	21.16 0.29 0.00	18.71 0.24 -0.02	17.02 0.20 -0.06	16.09 0.14 -0.08	16.55 0.20 -0.06	17.84 0.26 -0.07	20.72 0.35 0.00	22.29 0.37 0.00	22.90 0.34 0.00	22.98 0.38 0.00	24.78 0.32 -0.14	24.96 0.32 -0.15	25.61 0.35 -0.18	27.46 0.45 -0.33	28.53 0.47 -0.41	30.96 0.51 -0.61	38.29 0.73 -1.16	41.48 0.90 -1.40	42.69 1.16 -1.46	40.81 1.15 -1.31	37.63 1.06 -1.36	33.55 0.80 -0.78	28.88 0.69 -0.40	25.58 0.52 -0.19
EUCLID____115KV_TB2 356179	20.60 -0.27 0.00	18.21 -0.24 0.00	16.52 -0.23 0.00	15.61 -0.25 0.00	16.06 -0.23 0.00	17.29 -0.21 0.00	20.13 -0.24 0.00	21.61 -0.31 0.00	22.25 -0.32 0.00	22.33 -0.27 0.00	24.11 -0.32 -0.11	24.29 -0.32 -0.12	24.89 -0.33 -0.14	26.66 -0.27 -0.25	27.69 -0.28 -0.32	29.99 -0.33 -0.47	36.87 -0.44 -0.90	39.79 -0.47 -1.08	40.84 -0.36 -1.13	38.98 -0.38 -1.01	35.70 -0.32 -0.80	32.19 -0.38 -0.60	27.81 -0.28 -0.31	24.69 -0.32 -0.15
E_CANADA_CAP_HY 24051	22.31 1.44 0.00	20.26 1.27 -0.53	19.76 1.11 -1.90	19.37 1.00 -2.51	19.34 1.06 -1.98	20.87 1.21 -2.16	21.68 1.31 0.00	23.23 1.31 0.00	23.92 1.35 0.00	23.84 1.24 0.00	25.58 1.26 0.00	25.76 1.27 0.00	26.53 1.45 0.00	28.28 1.60 0.00	29.33 1.69 0.00	31.88 2.03 0.00	38.70 2.30 0.00	42.12 2.94 0.00	43.88 3.81 0.00	42.12 3.76 0.00	44.85 3.41 -6.22	34.81 2.84 0.00	30.31 2.53 0.00	26.93 2.06 0.00
E_CANADA_MHWK_HY 24050	21.25 0.38 0.00	18.80 0.35 0.00	17.06 0.30 0.00	16.12 0.25 0.00	16.57 0.28 0.00	17.82 0.32 0.00	20.76 0.39 0.00	22.31 0.39 0.00	22.97 0.41 0.00	23.01 0.41 0.00	24.76 0.44 0.00	24.91 0.42 0.00	25.65 0.45 -0.12	27.61 0.48 -0.45	28.63 0.44 -0.54	30.88 0.39 -0.65	37.90 0.51 -0.98	40.88 0.59 -1.12	41.75 0.64 -1.04	40.05 0.61 -1.08	36.64 0.49 -0.93	33.09 0.35 -0.77	28.68 0.33 -0.57	25.56 0.27 -0.42
E_FISHKILL____LBMP 23776	22.21 1.34 0.00	19.64 1.13 -0.07	18.08 1.09 -0.24	17.13 0.95 -0.31	17.55 1.01 -0.25	18.84 1.07 -0.27	21.64 1.26 0.00	23.43 1.51 0.00	24.23 1.67 0.00	24.27 1.67 0.00	26.19 1.87 0.00	26.40 1.91 0.00	27.03 1.96 0.00	28.68 2.00 0.00	29.74 2.10 0.00	32.12 2.27 0.00	39.46 3.06 0.00	42.47 3.29 0.00	43.24 3.17 0.00	41.31 2.95 0.00	39.57 2.68 -1.68	34.27 2.30 0.00	29.70 1.92 0.00	26.51 1.64 0.00
FALCON____SEABRD_CC1 323796	20.66 -0.21 0.00	18.21 -0.24 0.00	16.39 -0.37 0.00	15.71 -0.16 0.00	16.08 -0.21 0.00	17.30 -0.21 0.00	20.17 -0.20 0.00	21.89 -0.02 0.00	21.84 -0.72 0.00	21.97 -0.63 0.00	23.59 -0.73 0.00	23.63 -0.86 0.01	21.73 -0.98 2.37	16.53 -1.09 9.05	15.61 -1.16 10.87	15.65 -1.23 12.97	15.27 -1.49 19.65	15.35 -1.49 22.34	18.23 -0.96 20.87	15.53 -1.19 21.64	15.46 -1.20 18.56	15.32 -1.21 15.44	15.06 -1.33 11.39	15.20 -1.24 8.43

FPL FAR_ROCK_GT2 23815	23.13 2.25 0.00	20.27 1.75 -0.07	18.68 1.69 -0.23	17.55 1.38 -0.31	17.97 1.43 -0.24	19.41 1.64 -0.26	22.29 1.91 0.00	24.22 2.30 0.00	25.16 2.59 0.00	25.40 2.80 0.00	31.66 3.02 -4.33	32.54 3.06 -4.99	33.82 3.13 -5.61	35.79 3.28 -5.83	47.52 3.51 -16.37	51.38 3.82 -17.71	47.76 4.73 -6.62	50.07 5.13 -5.76	53.56 5.05 -8.44	45.07 4.72 -2.00	41.04 4.19 -1.64	36.37 3.90 -0.50	31.78 3.33 -0.66	29.63 2.83 -1.93
FRANKLIN_FALL_HYD 24054	20.37 -0.50 0.00	18.01 -0.44 0.00	16.24 -0.52 0.00	15.63 -0.24 0.00	15.90 -0.39 0.00	17.12 -0.39 0.00	20.03 -0.35 0.00	21.59 -0.33 0.00	21.93 -0.63 0.00	21.97 -0.63 0.00	23.59 -0.73 0.00	23.65 -0.83 0.01	21.95 -0.90 2.22	17.18 -0.99 8.51	16.40 -1.02 10.22	16.57 -1.07 12.20	16.62 -1.31 18.47	16.80 -1.37 21.00	19.12 -1.32 19.63	16.63 -1.38 20.34	16.46 -1.30 17.45	16.24 -1.21 14.51	15.91 -1.17 10.71	15.90 -1.04 7.92
FREEPORT_EQUS_GT1 23764	23.00 2.13 0.00	20.16 1.64 -0.07	18.56 1.57 -0.23	17.46 1.28 -0.31	17.87 1.34 -0.24	19.31 1.54 -0.26	22.17 1.79 0.00	24.11 2.19 0.00	25.07 2.50 0.00	25.29 2.69 0.00	31.47 2.82 -4.33	32.34 2.86 -4.99	33.62 2.93 -5.61	35.57 3.07 -5.83	47.24 3.23 -16.37	50.84 3.28 -17.71	47.36 4.33 -6.62	49.64 4.70 -5.76	53.12 4.61 -8.44	44.65 4.29 -2.00	40.45 3.59 -1.64	35.74 3.55 -0.22	31.55 3.11 -0.66	29.45 2.66 -1.92
FREEPORT___CT2 23818	23.00 2.13 0.00	20.16 1.64 -0.07	18.56 1.57 -0.23	17.46 1.28 -0.31	17.87 1.34 -0.24	19.31 1.54 -0.26	22.17 1.79 0.00	24.11 2.19 0.00	25.07 2.50 0.00	25.29 2.69 0.00	31.47 2.82 -4.33	32.34 2.86 -4.99	33.62 2.93 -5.61	35.57 3.07 -5.83	47.24 3.23 -16.37	50.84 3.28 -17.71	47.36 4.33 -6.62	49.64 4.70 -5.76	53.12 4.61 -8.44	44.65 4.29 -2.00	40.45 3.59 -1.64	35.74 3.55 -0.22	31.55 3.11 -0.66	29.45 2.66 -1.92
FRESHKLS_33_KV_LOAD 356253	22.84 1.96 -0.01	20.18 1.66 -0.07	18.59 1.59 -0.24	17.59 1.41 -0.32	18.04 1.50 -0.25	19.30 1.52 -0.27	22.01 1.63 0.00	23.78 1.86 0.00	24.54 1.99 0.01	24.83 2.19 -0.03	27.11 2.46 -0.34	28.74 2.50 -1.75	31.39 2.61 -3.70	35.43 2.75 -6.00	35.48 2.87 -4.96	36.78 3.10 -3.83	37.79 4.08 2.70	39.17 4.39 4.39	37.82 4.13 6.37	37.77 3.80 4.38	37.55 3.42 1.09	34.98 3.01 0.00	30.51 2.72 -0.01	27.24 2.36 -0.01
FULTON COGEN____ 23766	20.64 -0.23 0.00	18.23 -0.22 0.00	16.56 -0.20 0.00	15.64 -0.22 0.00	16.10 -0.20 0.00	17.33 -0.18 0.00	20.15 -0.22 0.00	21.63 -0.28 0.00	22.22 -0.34 0.00	22.33 -0.27 0.00	24.45 -0.34 -0.47	24.67 -0.32 -0.50	25.36 -0.33 -0.61	27.51 -0.27 -1.10	28.79 -0.25 -1.40	31.60 -0.30 -2.05	39.92 -0.40 -3.91	43.43 -0.47 -4.72	44.68 -0.32 -4.93	42.46 -0.31 -4.41	38.41 -0.28 -3.48	34.24 -0.35 -2.62	28.91 -0.22 -1.35	25.22 -0.27 -0.63
FULTON___LFGE 323630	22.92 2.05 0.00	20.90 1.83 -0.63	20.54 1.56 -2.23	20.23 1.43 -2.94	20.12 1.50 -2.33	21.71 1.68 -2.53	22.29 1.91 0.00	23.95 2.04 0.00	24.82 2.26 0.00	24.68 2.08 0.00	26.48 2.16 0.00	26.77 2.28 0.00	27.54 2.46 0.00	29.26 2.59 0.00	30.43 2.79 0.00	33.19 3.34 0.00	40.59 4.18 0.00	44.23 5.06 0.00	46.00 5.93 0.00	44.00 5.64 0.00	47.46 5.04 -7.21	36.19 4.22 0.00	31.37 3.59 0.00	27.77 2.91 0.00
G.F.CEMENT___DRP 24184	22.39 1.52 0.00	20.54 1.38 -0.71	20.51 1.24 -2.52	20.31 1.13 -3.32	20.11 1.19 -2.63	21.64 1.28 -2.86	21.44 1.06 0.00	23.03 1.12 0.00	23.80 1.24 0.00	23.66 1.06 0.00	25.49 1.17 0.00	25.79 1.30 0.00	26.43 1.35 0.00	28.04 1.36 0.00	29.13 1.49 0.00	31.58 1.73 0.00	38.55 2.15 0.00	41.72 2.55 0.00	42.88 2.80 0.00	40.77 2.42 0.00	45.84 2.50 -8.12	34.05 2.08 0.00	29.67 1.89 0.00	26.38 1.52 0.00
GARDENVILLE___LBMP 24039	19.83 -1.04 0.00	17.49 -0.96 0.00	15.80 -0.96 0.00	14.96 -0.90 0.00	15.41 -0.88 0.00	16.65 -0.86 0.00	19.44 -0.94 0.00	21.28 -0.64 0.00	21.98 -0.59 0.00	22.17 -0.43 0.00	23.79 -0.54 0.00	23.88 -0.61 0.00	24.33 -0.75 0.00	26.01 -0.67 0.00	26.90 -0.75 0.00	29.10 -0.75 0.00	35.17 -1.24 0.00	37.77 -1.41 0.00	38.83 -1.24 0.00	36.94 -1.42 0.00	34.34 -1.13 -0.25	30.56 -1.41 0.00	27.03 -0.75 0.00	24.42 -0.45 0.00
GARDNVLA_35_KV_LD 355827	19.93 -0.94 0.00	17.58 -0.87 0.00	15.87 -0.89 0.00	15.04 -0.82 0.00	15.49 -0.80 0.00	16.72 -0.79 0.00	19.52 -0.86 0.00	21.39 -0.53 0.00	22.09 -0.47 0.00	22.31 -0.29 0.00	23.91 -0.41 0.00	24.00 -0.49 0.00	24.45 -0.63 0.00	26.17 -0.51 0.00	27.06 -0.58 0.00	29.28 -0.57 0.00	35.39 -1.02 -0.01	38.01 -1.18 -0.01	39.08 -1.00 -0.01	37.17 -1.19 -0.01	34.55 -0.92 -0.25	30.72 -1.25 0.00	27.20 -0.58 0.00	24.54 -0.32 0.00
GELCKHM___115KV_LOAD 80723	20.66 -0.21 0.00	18.27 -0.18 0.00	16.57 -0.18 0.00	15.66 -0.21 0.00	16.11 -0.18 0.00	17.35 -0.16 0.00	20.19 -0.18 0.00	21.70 -0.22 0.00	22.31 -0.25 0.00	22.42 -0.18 0.00	24.24 -0.24 -0.16	24.44 -0.22 -0.17	25.06 -0.23 -0.21	26.89 -0.16 -0.37	27.95 -0.17 -0.47	30.33 -0.21 -0.70	37.48 -0.25 -1.33	40.47 -0.31 -1.60	41.54 -0.20 -1.67	39.66 -0.19 -1.50	36.22 -0.18 -1.18	32.60 -0.26 -0.89	28.07 -0.17 -0.46	24.86 -0.22 -0.21
GENERAL___MILLS 23808	19.89 -0.98 0.00	17.55 -0.90 0.00	15.83 -0.92 0.00	15.01 -0.86 0.00	15.46 -0.83 0.00	16.70 -0.81 0.00	19.50 -0.88 0.00	21.35 -0.57 0.00	22.04 -0.52 0.00	22.24 -0.36 0.00	23.86 -0.46 0.00	23.95 -0.54 0.00	24.40 -0.68 0.00	26.09 -0.59 0.00	26.98 -0.66 0.00	29.19 -0.66 0.00	35.28 -1.13 -0.01	37.89 -1.29 -0.01	38.95 -1.12 -0.01	37.10 -1.27 -0.01	34.48 -0.99 -0.25	30.66 -1.31 0.00	27.14 -0.64 0.00	24.49 -0.37 0.00
GE_PLASTICS___DRP 24183	21.56 0.69 0.00	19.48 0.70 -0.32	18.58 0.67 -1.15	17.97 0.59 -1.52	18.12 0.62 -1.21	19.46 0.65 -1.31	21.13 0.75 0.00	22.66 0.75 0.00	23.35 0.79 0.00	23.28 0.68 0.00	25.07 0.75 0.00	25.30 0.81 0.00	25.88 0.80 0.00	27.48 0.80 0.00	28.50 0.86 0.00	30.80 0.96 0.00	37.79 1.38 0.00	40.71 1.53 0.00	41.63 1.56 0.00	39.85 1.50 0.00	40.98 1.37 -4.39	33.15 1.18 0.00	28.78 1.00 0.00	25.69 0.82 0.00
GILBOA___1 23756	21.54 0.67 0.00	19.07 0.59 -0.03	17.45 0.57 -0.12	16.52 0.49 -0.16	16.92 0.51 -0.13	18.20 0.56 -0.14	21.05 0.67 0.00	22.66 0.75 0.00	23.40 0.84 0.00	23.41 0.81 0.00	25.22 0.90 0.00	25.42 0.93 0.00	26.03 0.95 0.00	27.66 0.99 0.00	28.69 1.05 0.00	30.98 1.13 0.00	37.94 1.53 0.00	40.67 1.49 0.00	41.55 1.48 0.00	39.81 1.46 0.00	37.94 1.41 -1.32	33.15 1.18 0.00	28.81 1.03 0.00	25.71 0.85 0.00
GILBOA___2 23757	21.54 0.67 0.00	19.07 0.59 -0.03	17.45 0.57 -0.12	16.52 0.49 -0.16	16.92 0.51 -0.13	18.20 0.56 -0.14	21.05 0.67 0.00	22.66 0.75 0.00	23.40 0.84 0.00	23.41 0.81 0.00	25.22 0.90 0.00	25.42 0.93 0.00	26.03 0.95 0.00	27.66 0.99 0.00	28.69 1.05 0.00	30.98 1.13 0.00	37.94 1.53 0.00	40.67 1.49 0.00	41.55 1.48 0.00	39.81 1.46 0.00	37.94 1.41 -1.32	33.15 1.18 0.00	28.81 1.03 0.00	25.71 0.85 0.00

GILBOA___3 23758	21.54 0.67 0.00	19.07 0.59 -0.03	17.45 0.57 -0.12	16.52 0.49 -0.16	16.92 0.51 -0.13	18.20 0.56 -0.14	21.05 0.67 0.00	22.66 0.75 0.00	23.40 0.84 0.00	23.41 0.81 0.00	25.22 0.90 0.00	25.42 0.93 0.00	26.03 0.95 0.00	27.66 0.99 0.00	28.69 1.05 0.00	30.98 1.13 0.00	37.94 1.53 0.00	40.67 1.49 0.00	41.55 1.48 0.00	39.81 1.46 0.00	37.94 1.41 -1.32	33.15 1.18 0.00	28.81 1.03 0.00	25.71 0.85 0.00
GILBOA___4 23759	21.54 0.67 0.00	19.07 0.59 -0.03	17.45 0.57 -0.12	16.52 0.49 -0.16	16.92 0.51 -0.13	18.20 0.56 -0.14	21.05 0.67 0.00	22.66 0.75 0.00	23.40 0.84 0.00	23.41 0.81 0.00	25.22 0.90 0.00	25.42 0.93 0.00	26.03 0.95 0.00	27.66 0.99 0.00	28.69 1.05 0.00	30.98 1.13 0.00	37.94 1.53 0.00	40.67 1.49 0.00	41.55 1.48 0.00	39.81 1.46 0.00	37.94 1.41 -1.32	33.15 1.18 0.00	28.81 1.03 0.00	25.71 0.85 0.00
GILBOA___ 23599	21.54 0.67 0.00	19.07 0.59 -0.03	17.45 0.57 -0.12	16.52 0.49 -0.16	16.96 0.54 -0.13	18.20 0.56 -0.14	21.03 0.65 0.00	22.68 0.77 0.00	23.40 0.83 0.00	23.41 0.81 0.00	25.22 0.90 0.00	25.42 0.93 0.00	26.03 0.95 0.00	27.66 0.99 0.00	28.69 1.05 0.00	30.98 1.13 0.00	37.94 1.53 0.00	40.67 1.49 0.00	41.55 1.48 0.00	39.81 1.46 0.00	37.91 1.37 -1.32	33.15 1.18 0.00	28.78 1.00 0.00	25.71 0.85 0.00
GINNA___ 23603	19.33 -1.54 0.00	17.07 -1.38 0.00	15.47 -1.29 0.00	14.63 -1.24 0.00	15.04 -1.25 0.00	16.24 -1.26 0.00	18.91 -1.47 0.00	20.49 -1.42 0.00	21.16 -1.40 0.00	21.20 -1.40 0.00	22.94 -1.39 0.00	23.05 -1.45 0.00	23.62 -1.46 0.00	25.21 -1.47 0.00	26.04 -1.60 0.00	28.23 -1.61 0.00	34.29 -2.11 0.00	36.95 -2.23 0.00	37.87 -2.20 0.00	36.21 -2.15 0.00	33.35 -1.87 0.00	29.96 -2.01 0.00	26.14 -1.64 0.00	23.45 -1.42 0.00
GLEN PARK___ 23778	20.95 0.08 0.00	18.56 0.11 0.00	16.82 0.07 0.00	15.98 0.11 0.00	16.47 0.18 0.00	17.72 0.21 0.00	20.72 0.35 0.00	22.18 0.26 0.00	22.70 0.14 0.00	22.67 0.07 0.00	24.54 0.00 -0.22	24.74 0.02 -0.23	24.99 0.08 0.17	25.68 0.21 1.21	26.33 0.11 1.42	28.42 0.09 1.52	34.51 0.04 1.93	37.39 0.28 2.07	39.06 0.68 1.69	37.39 1.11 2.08	34.42 1.13 1.92	31.01 0.77 1.72	26.80 0.56 1.54	23.93 0.37 1.31
GLENDALE_27_KV_LOAD 356172	22.76 1.88 -0.01	20.07 1.55 -0.07	18.49 1.49 -0.24	17.48 1.30 -0.32	17.93 1.38 -0.25	19.19 1.42 -0.27	22.03 1.65 0.00	23.93 2.02 0.00	24.82 2.26 0.00	25.04 2.40 -0.04	27.32 2.65 -0.35	28.97 2.69 -1.79	31.63 2.78 -3.77	35.69 2.91 -6.11	35.70 3.01 -5.05	36.99 3.25 -3.89	41.09 4.22 -0.46	43.72 4.54 0.00	44.36 4.29 0.00	42.31 3.95 0.00	40.34 3.49 -1.64	35.10 3.13 0.00	30.48 2.69 0.00	27.18 2.31 0.00
GLENWOOD_IC_1_G5 23712	22.73 1.86 0.00	19.99 1.48 -0.07	18.41 1.42 -0.23	17.36 1.19 -0.31	17.81 1.27 -0.24	19.15 1.38 -0.26	22.01 1.63 0.00	23.95 2.04 0.00	24.84 2.28 0.00	25.02 2.42 0.00	31.30 2.65 -4.33	32.17 2.69 -4.99	33.45 2.76 -5.61	35.39 2.88 -5.83	46.86 2.85 -16.37	50.63 3.07 -17.71	47.07 4.04 -6.62	49.29 4.35 -5.76	52.72 4.21 -8.44	44.27 3.91 -2.00	40.20 3.35 -1.64	35.41 3.26 -0.17	31.16 2.72 -0.66	29.13 2.34 -1.92
GLENWOOD_IC_2_G1 23688	22.60 1.73 0.00	19.92 1.40 -0.07	18.35 1.36 -0.23	17.32 1.14 -0.31	17.72 1.19 -0.24	19.08 1.31 -0.26	21.92 1.55 0.00	23.78 1.86 0.00	24.71 2.14 0.00	24.86 2.26 0.00	31.10 2.46 -4.33	32.00 2.52 -4.99	33.25 2.56 -5.61	35.18 2.67 -5.83	46.83 2.82 -16.37	50.57 3.01 -17.71	47.00 3.97 -6.62	49.21 4.27 -5.76	52.64 4.13 -8.44	44.19 3.84 -2.00	40.13 3.28 -1.64	35.10 3.00 -0.12	30.99 2.55 -0.66	28.95 2.16 -1.92
GLENWOOD_IC_3_G1 23689	22.60 1.73 0.00	19.92 1.40 -0.07	18.35 1.36 -0.23	17.32 1.14 -0.31	17.72 1.19 -0.24	19.08 1.31 -0.26	21.92 1.55 0.00	23.78 1.86 0.00	24.71 2.14 0.00	24.86 2.26 0.00	31.10 2.46 -4.33	32.00 2.52 -4.99	33.25 2.56 -5.61	35.18 2.67 -5.83	46.83 2.82 -16.37	50.57 3.01 -17.71	47.00 3.97 -6.62	49.21 4.27 -5.76	52.64 4.13 -8.44	44.19 3.84 -2.00	40.13 3.28 -1.64	35.10 3.00 -0.12	30.99 2.55 -0.66	28.95 2.16 -1.92
GLENWOOD___4 23550	22.73 1.86 0.00	19.99 1.48 -0.07	18.41 1.42 -0.23	17.36 1.19 -0.31	17.81 1.27 -0.24	19.15 1.38 -0.26	22.01 1.63 0.00	23.95 2.04 0.00	24.84 2.28 0.00	25.02 2.42 0.00	31.30 2.65 -4.33	32.17 2.69 -4.99	33.45 2.76 -5.61	35.39 2.88 -5.83	46.91 2.90 -16.37	50.69 3.13 -17.71	47.18 4.15 -6.62	49.41 4.47 -5.76	52.84 4.33 -8.44	44.38 4.03 -2.00	40.30 3.45 -1.64	35.41 3.26 -0.17	31.16 2.72 -0.66	29.13 2.34 -1.92
GLENWOOD___5 23614	22.73 1.86 0.00	19.99 1.48 -0.07	18.41 1.42 -0.23	17.36 1.19 -0.31	17.81 1.27 -0.24	19.15 1.38 -0.26	22.01 1.63 0.00	23.95 2.04 0.00	24.84 2.28 0.00	25.02 2.42 0.00	31.30 2.65 -4.33	32.17 2.69 -4.99	33.45 2.76 -5.61	35.39 2.88 -5.83	46.91 2.90 -16.37	50.69 3.13 -17.71	47.18 4.15 -6.62	49.41 4.47 -5.76	52.84 4.33 -8.44	44.38 4.03 -2.00	40.30 3.45 -1.64	35.41 3.26 -0.17	31.16 2.72 -0.66	29.13 2.34 -1.92
GLOBAL GREEN_PORT_GT1 23814	23.52 2.65 0.00	20.60 2.08 -0.07	19.05 2.06 -0.23	17.89 1.71 -0.31	18.34 1.81 -0.24	19.90 2.13 -0.26	22.86 2.49 0.00	24.92 3.00 0.00	25.99 3.43 0.00	26.33 3.73 0.00	32.64 3.99 -4.33	33.55 4.07 -4.99	34.78 4.09 -5.61	36.70 4.19 -5.83	48.46 4.45 -16.37	52.36 4.81 -17.71	49.18 6.15 -6.62	51.61 6.66 -5.77	55.01 6.49 -8.45	46.31 5.95 -2.01	41.29 4.44 -1.64	36.35 4.29 -0.09	32.08 3.64 -0.66	29.90 3.11 -1.92
GLOBE___DSASP 323697	19.03 -1.84 0.00	16.81 -1.64 0.00	15.20 -1.56 0.00	14.42 -1.44 0.00	14.83 -1.47 0.00	16.00 -1.51 0.00	18.66 -1.71 0.00	20.42 -1.49 0.00	21.05 -1.51 0.00	21.24 -1.36 0.00	22.74 -1.58 0.00	22.83 -1.67 0.00	23.22 -1.86 0.00	24.76 -1.92 0.00	25.60 -2.05 0.00	27.70 -2.15 0.00	33.40 -2.99 0.02	35.82 -3.33 0.02	36.80 -3.25 0.02	35.07 -3.26 0.02	32.59 -2.82 -0.19	29.16 -2.81 0.00	25.97 -1.81 0.00	23.47 -1.39 0.00
GOETHSLN___LBMP 323567	22.48 1.61 0.00	19.83 1.31 -0.07	18.26 1.27 -0.23	17.27 1.09 -0.31	17.71 1.17 -0.24	18.96 1.19 -0.26	21.82 1.45 0.00	23.73 1.82 0.00	24.62 2.05 0.00	24.81 2.17 -0.04	27.07 2.41 -0.34	28.70 2.45 -1.76	31.27 2.48 -3.71	35.25 2.56 -6.01	35.29 2.68 -4.97	36.55 2.87 -3.83	37.47 3.75 2.69	38.79 4.00 4.38	37.47 3.77 6.37	37.47 3.49 4.38	37.24 3.10 1.08	34.78 2.81 0.00	30.11 2.33 0.00	26.85 1.99 0.00
GOLAH___69_KV_TB 1_2 80279	20.24 -0.63 0.00	17.90 -0.55 0.00	16.19 -0.57 0.00	15.33 -0.54 0.00	15.77 -0.52 0.00	17.00 -0.51 0.00	19.83 -0.55 0.00	21.56 -0.35 0.00	22.18 -0.38 0.00	22.33 -0.27 0.00	23.96 -0.36 0.00	24.10 -0.39 0.00	24.58 -0.50 0.00	26.28 -0.40 0.00	27.23 -0.41 0.00	29.43 -0.42 0.00	35.64 -0.76 0.00	38.35 -0.82 0.00	39.43 -0.64 0.00	37.67 -0.69 0.00	34.69 -0.53 0.00	31.24 -0.74 0.00	27.47 -0.31 0.00	24.67 -0.20 0.00

GOODYEAR_LAKE_HYD 323669	21.73 0.86 0.00	19.37 0.74 -0.18	18.04 0.65 -0.63	17.27 0.57 -0.83	17.59 0.64 -0.66	18.94 0.72 -0.72	21.25 0.88 0.00	22.92 1.01 0.00	23.62 1.06 0.00	23.69 1.08 0.00	25.49 1.17 0.00	25.67 1.18 0.00	26.36 1.28 0.00	28.09 1.41 0.00	29.11 1.47 0.00	31.46 1.61 0.00	38.37 1.97 0.00	41.41 2.23 0.00	42.60 2.52 0.00	40.85 2.49 0.00	39.83 2.22 -2.39	33.82 1.85 0.00	29.31 1.53 0.00	26.13 1.27 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.04 0.17 0.00	18.60 0.13 -0.03	16.95 0.10 -0.09	16.03 0.05 -0.12	16.48 0.10 -0.09	17.75 0.14 -0.10	20.58 0.20 0.00	22.22 0.31 0.00	22.88 0.32 0.00	22.96 0.36 0.00	24.78 0.36 -0.09	24.93 0.34 -0.10	25.55 0.35 -0.12	27.35 0.45 -0.22	28.39 0.47 -0.27	30.76 0.51 -0.40	37.79 0.62 -0.77	40.81 0.71 -0.93	41.88 0.84 -0.97	39.99 0.77 -0.87	37.17 0.70 -1.25	32.96 0.48 -0.51	28.52 0.47 -0.27	25.39 0.40 -0.12
GOUDEY___7 23579	21.06 0.19 0.00	18.62 0.15 -0.03	16.96 0.12 -0.09	16.05 0.06 -0.12	16.50 0.11 -0.09	17.76 0.16 -0.10	20.58 0.20 0.00	22.24 0.33 0.00	22.90 0.34 0.00	22.98 0.38 0.00	24.80 0.39 -0.09	24.96 0.37 -0.10	25.57 0.38 -0.12	27.37 0.48 -0.22	28.41 0.50 -0.27	30.79 0.54 -0.40	37.83 0.66 -0.77	40.85 0.74 -0.93	41.92 0.88 -0.97	40.03 0.81 -0.87	37.21 0.74 -1.25	33.00 0.51 -0.51	28.55 0.50 -0.27	25.41 0.42 -0.12
GOUDEY___8 23580	21.04 0.17 0.00	18.60 0.13 -0.03	16.95 0.10 -0.09	16.03 0.05 -0.12	16.48 0.10 -0.09	17.75 0.14 -0.10	20.58 0.20 0.00	22.22 0.31 0.00	22.88 0.32 0.00	22.96 0.36 0.00	24.78 0.36 -0.09	24.93 0.34 -0.10	25.55 0.35 -0.12	27.35 0.45 -0.22	28.39 0.47 -0.27	30.76 0.51 -0.40	37.79 0.62 -0.77	40.81 0.71 -0.93	41.88 0.84 -0.97	39.99 0.77 -0.87	37.17 0.70 -1.25	32.96 0.48 -0.51	28.52 0.47 -0.27	25.39 0.40 -0.12
GOWANUS_GT1_1 24077	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GOWANUS_GT1_2 24078	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GOWANUS_GT1_3 24079	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GOWANUS_GT1_4 24080	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GOWANUS_GT1_5 24084	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GOWANUS_GT1_6 24111	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GOWANUS_GT1_7 24112	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GOWANUS_GT1_8 24113	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GOWANUS_GT2_1 24114	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT2_2 24115	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT2_3 24116	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01

GOWANUS_GT2_4 24117	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT2_5 24118	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT2_6 24119	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT2_7 24120	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT2_8 24121	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT3_1 24122	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT3_2 24123	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT3_3 24124	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT3_4 24125	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT3_5 24126	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT3_6 24127	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT3_7 24128	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT3_8 24129	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
GOWANUS_GT4_1 24130	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GOWANUS_GT4_2 24131	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01

GOWANUS_GT4_3 24132	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GOWANUS_GT4_4 24133	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GOWANUS_GT4_5 24134	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GOWANUS_GT4_6 24135	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GOWANUS_GT4_7 24136	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GOWANUS_GT4_8 24137	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GREENBSH_115KV_TB3 55895	21.60 0.73 0.00	19.70 0.83 -0.42	19.04 0.79 -1.50	18.54 0.70 -1.98	18.59 0.73 -1.57	19.96 0.75 -1.70	21.27 0.90 0.00	22.73 0.81 0.00	23.40 0.83 0.00	23.26 0.66 0.00	25.07 0.75 0.00	25.30 0.81 0.00	25.88 0.80 0.00	27.45 0.77 0.00	28.50 0.86 0.00	30.80 0.96 0.00	37.79 1.38 0.00	40.78 1.61 0.00	41.71 1.64 0.00	39.93 1.57 0.00	42.03 1.48 -5.33	33.22 1.25 0.00	28.84 1.06 0.00	25.76 0.90 0.00
GREENIDGE_115KV_TB5 80291	20.64 -0.23 0.00	18.19 -0.26 0.00	16.47 -0.28 0.00	15.56 -0.30 0.00	16.05 -0.24 0.00	17.33 -0.18 0.00	20.25 -0.12 0.00	22.00 0.09 0.00	22.61 0.05 0.00	22.80 0.20 0.00	24.49 0.10 -0.07	24.66 0.10 -0.07	25.22 0.05 -0.09	27.05 0.21 -0.16	28.06 0.22 -0.20	30.35 0.21 -0.30	37.23 0.25 -0.56	40.21 0.35 -0.68	41.42 0.64 -0.71	39.53 0.54 -0.64	36.51 0.53 -0.77	32.48 0.13 -0.38	28.23 0.25 -0.19	25.08 0.12 -0.09
GREENIDGE___3 23582	20.64 -0.23 0.00	18.19 -0.26 0.00	16.47 -0.28 0.00	15.56 -0.30 0.00	16.05 -0.24 0.00	17.33 -0.18 0.00	20.25 -0.12 0.00	22.00 0.09 0.00	22.61 0.05 0.00	22.80 0.20 0.00	24.49 0.10 -0.07	24.66 0.10 -0.07	25.22 0.05 -0.09	27.05 0.21 -0.16	28.06 0.22 -0.20	30.35 0.21 -0.30	37.23 0.25 -0.56	40.21 0.35 -0.68	41.42 0.64 -0.71	39.53 0.54 -0.64	36.51 0.53 -0.77	32.48 0.13 -0.38	28.23 0.25 -0.19	25.08 0.12 -0.09
GREENIDGE___4 23583	20.64 -0.23 0.00	18.19 -0.26 0.00	16.47 -0.28 0.00	15.56 -0.30 0.00	16.00 -0.29 0.00	17.33 -0.18 0.00	20.25 -0.12 0.00	21.92 0.00 0.00	22.61 0.05 0.00	22.69 0.09 0.00	24.56 0.17 -0.07	24.66 0.10 -0.07	25.27 0.10 -0.09	27.05 0.21 -0.16	28.01 0.17 -0.20	30.35 0.21 -0.30	37.19 0.22 -0.56	40.21 0.35 -0.68	41.42 0.64 -0.71	39.53 0.54 -0.64	36.48 0.49 -0.77	32.48 0.13 -0.38	28.14 0.17 -0.19	25.08 0.12 -0.09
GREENLWN_69_KV_BK 3 55738	22.77 1.90 0.00	19.95 1.44 -0.07	18.38 1.39 -0.23	17.27 1.09 -0.31	17.73 1.19 -0.24	19.12 1.35 -0.26	21.95 1.57 0.00	23.93 2.02 0.00	24.84 2.28 0.00	25.06 2.46 0.00	31.23 2.58 -4.33	32.10 2.62 -4.99	33.35 2.66 -5.61	35.26 2.75 -5.83	46.97 2.96 -16.37	50.75 3.19 -17.71	47.21 4.19 -6.62	49.44 4.51 -5.76	52.87 4.37 -8.43	44.42 4.07 -2.00	40.20 3.35 -1.64	35.17 3.10 -0.10	31.16 2.72 -0.66	29.18 2.39 -1.92
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 -0.01
GRISSOM___SOLAR 323813	22.92 2.05 0.00	20.90 1.83 -0.63	20.54 1.56 -2.23	20.23 1.43 -2.94	20.12 1.50 -2.33	21.71 1.68 -2.53	22.29 1.91 0.00	23.95 2.04 0.00	24.82 2.26 0.00	24.68 2.08 0.00	26.48 2.16 0.00	26.77 2.28 0.00	27.54 2.46 0.00	29.26 2.59 0.00	30.43 2.79 0.00	33.19 3.34 0.00	40.59 4.18 0.00	44.23 5.06 0.00	46.00 5.93 0.00	44.00 5.64 0.00	47.46 5.04 -7.21	36.19 4.22 0.00	31.37 3.59 0.00	27.77 2.91 0.00
GROVEVILLE___HYD 323602	22.41 1.54 0.00	19.81 1.29 -0.07	18.23 1.22 -0.25	17.27 1.08 -0.32	17.67 1.12 -0.26	18.99 1.21 -0.28	21.80 1.43 0.00	23.60 1.69 0.00	24.46 1.90 0.00	24.45 1.85 0.00	26.41 2.09 0.00	26.62 2.13 0.00	27.31 2.23 0.00	28.97 2.29 0.00	30.13 2.49 0.00	32.53 2.69 0.00	40.01 3.60 0.00	43.10 3.92 0.00	43.92 3.85 0.00	41.92 3.57 0.00	40.13 3.24 -1.68	34.75 2.78 0.00	30.06 2.28 0.00	26.81 1.94 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.81 -0.06 0.00	18.38 -0.07 0.00	16.67 -0.08 0.00	15.75 -0.11 0.00	16.21 -0.08 0.00	17.45 -0.05 0.00	20.32 -0.06 0.00	21.83 -0.09 0.00	22.45 -0.11 0.00	22.58 -0.02 0.00	24.50 -0.07 -0.25	24.69 -0.07 -0.27	25.36 -0.05 -0.33	27.30 0.03 -0.59	28.42 0.03 -0.75	30.95 0.00 -1.11	38.52 0.00 -2.11	41.73 0.00 -2.55	42.85 0.12 -2.66	40.85 0.12 -2.38	37.20 0.11 -1.88	33.38 0.00 -1.41	28.57 0.06 -0.73	25.16 -0.05 -0.34

HAMLTNNY_34_KV_TB 80303	20.79 -0.08 0.00	18.36 -0.09 0.00	16.66 -0.10 0.00	15.74 -0.13 0.00	16.19 -0.10 0.00	17.45 -0.05 0.00	20.34 -0.04 0.00	21.87 -0.04 0.00	22.50 -0.07 0.00	22.60 0.00 0.00	24.53 -0.05 -0.26	24.74 -0.02 -0.28	25.39 -0.03 -0.34	27.34 0.05 -0.61	28.50 0.08 -0.77	31.04 0.06 -1.14	38.65 0.07 -2.17	41.87 0.08 -2.62	43.00 0.20 -2.73	40.99 0.19 -2.44	37.32 0.18 -1.93	33.45 0.03 -1.45	28.61 0.08 -0.75	25.22 0.00 -0.35
HAMPSHIRE___PAPER_HYD 323593	20.47 -0.40 0.00	18.14 -0.31 0.00	16.42 -0.33 0.00	15.77 -0.09 0.00	16.21 -0.08 0.00	17.26 -0.25 0.00	20.15 -0.22 0.00	21.65 -0.26 0.00	22.16 -0.41 0.00	22.15 -0.45 0.00	23.85 -0.56 -0.08	24.02 -0.56 -0.09	23.25 -0.68 1.16	21.31 -0.72 4.64	21.27 -0.80 5.57	22.41 -0.87 6.57	25.54 -1.06 9.81	26.90 -1.17 11.10	28.75 -1.04 10.28	26.80 -0.77 10.78	25.31 -0.60 9.31	23.61 -0.57 7.79	21.52 -0.42 5.85	20.10 -0.37 4.40
HARDSCRABBLE_WT_PWR 323673	21.25 0.38 0.00	18.78 0.33 0.00	17.06 0.30 0.00	16.12 0.25 0.00	16.57 0.28 0.00	17.82 0.32 0.00	20.76 0.39 0.00	22.31 0.39 0.00	22.97 0.41 0.00	23.01 0.41 0.00	24.76 0.44 0.00	24.93 0.44 0.00	25.65 0.45 -0.12	27.61 0.48 -0.45	28.63 0.44 -0.54	30.88 0.39 -0.65	37.90 0.51 -0.98	40.88 0.59 -1.12	41.72 0.60 -1.04	39.97 0.54 -1.08	36.57 0.42 -0.93	33.03 0.29 -0.77	28.63 0.28 -0.57	25.48 0.20 -0.42
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.27 1.40 0.00	19.67 1.16 -0.06	18.07 1.11 -0.21	17.10 0.95 -0.28	17.54 1.03 -0.22	18.83 1.09 -0.24	21.66 1.28 0.00	23.47 1.56 0.00	24.32 1.76 0.00	24.36 1.76 0.00	26.31 1.99 0.00	26.50 2.01 0.00	27.16 2.08 0.00	28.84 2.16 0.00	29.96 2.32 0.00	32.35 2.51 0.00	39.79 3.39 0.00	42.86 3.68 0.00	43.64 3.57 0.00	41.65 3.30 0.00	39.68 2.96 -1.50	34.50 2.53 0.00	29.86 2.08 0.00	26.63 1.77 0.00
HARSNRAD_115KV_TB1 81005	19.56 -1.31 0.00	17.27 -1.18 0.00	15.60 -1.16 0.00	14.79 -1.08 0.00	15.23 -1.06 0.00	16.44 -1.07 0.00	19.17 -1.20 0.00	20.99 -0.92 0.00	21.66 -0.90 0.00	21.85 -0.75 0.00	23.40 -0.92 0.00	23.51 -0.98 0.00	23.92 -1.15 0.00	25.56 -1.12 0.00	26.43 -1.22 0.00	28.59 -1.25 0.00	34.52 -1.89 -0.01	37.03 -2.15 -0.01	38.07 -2.00 -0.01	36.29 -2.07 -0.01	33.53 -1.69 -0.01	30.08 -1.89 0.00	26.72 -1.06 0.00	24.12 -0.75 0.00
HARZA MOOSE___RIVER 24016	21.18 0.31 0.00	18.75 0.30 0.00	17.01 0.25 0.00	16.12 0.25 0.00	16.59 0.29 0.00	17.84 0.33 0.00	20.82 0.45 0.00	22.38 0.46 0.00	22.97 0.41 0.00	22.94 0.34 0.00	24.73 0.34 -0.07	24.91 0.34 -0.07	25.18 0.28 0.17	26.23 0.40 0.85	27.02 0.39 1.01	29.12 0.42 1.15	35.34 0.55 1.62	38.09 0.71 1.80	39.39 0.92 1.60	37.66 1.07 1.77	34.68 1.02 1.56	31.40 0.77 1.34	27.27 0.56 1.07	24.44 0.42 0.85
HDSNBRDG_115KV_BRDG_TB1 355580	20.68 -0.19 0.00	18.27 -0.18 0.00	16.57 -0.18 0.00	15.66 -0.21 0.00	16.11 -0.18 0.00	17.35 -0.16 0.00	20.19 -0.18 0.00	21.70 -0.22 0.00	22.34 -0.23 0.00	22.44 -0.16 0.00	24.23 -0.22 -0.13	24.44 -0.20 -0.14	25.05 -0.20 -0.17	26.85 -0.13 -0.31	27.89 -0.14 -0.39	30.24 -0.18 -0.57	37.24 -0.25 -1.09	40.22 -0.27 -1.32	41.25 -0.20 -1.37	39.39 -0.19 -1.23	36.01 -0.18 -0.97	32.48 -0.22 -0.73	28.02 -0.14 -0.38	24.84 -0.20 -0.18
HELLGATE_13_KV_LD 55870	22.67 1.79 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.43 1.25 -0.32	17.86 1.32 -0.25	19.14 1.37 -0.27	21.95 1.57 0.00	23.82 1.91 0.00	24.68 2.12 0.00	24.90 2.26 -0.04	27.18 2.51 -0.35	28.83 2.55 -1.79	31.45 2.61 -3.77	35.50 2.72 -6.11	35.51 2.82 -5.05	36.76 3.01 -3.89	40.79 3.93 -0.46	43.41 4.23 0.00	44.00 3.93 0.00	42.00 3.64 0.00	40.06 3.20 -1.64	34.91 2.94 0.00	30.31 2.53 0.00	27.06 2.19 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.67 1.79 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.43 1.25 -0.32	17.86 1.32 -0.25	19.14 1.37 -0.27	21.95 1.57 0.00	23.82 1.91 0.00	24.68 2.12 0.00	24.90 2.26 -0.04	27.18 2.51 -0.35	28.83 2.55 -1.79	31.45 2.61 -3.77	35.50 2.72 -6.11	35.51 2.82 -5.05	36.76 3.01 -3.89	40.79 3.93 -0.46	43.41 4.23 0.00	44.00 3.93 0.00	42.00 3.64 0.00	40.06 3.20 -1.64	34.91 2.94 0.00	30.31 2.53 0.00	27.06 2.19 0.00
HEMPSTEAD____ 23647	22.77 1.90 0.00	19.99 1.48 -0.07	18.41 1.42 -0.23	17.33 1.16 -0.31	17.74 1.21 -0.24	19.15 1.38 -0.26	21.99 1.61 0.00	23.89 1.97 0.00	24.84 2.28 0.00	25.06 2.46 0.00	31.25 2.60 -4.33	32.13 2.65 -4.99	33.40 2.71 -5.61	35.31 2.80 -5.83	46.94 2.93 -16.37	50.66 3.10 -17.71	47.14 4.11 -6.62	49.37 4.43 -5.76	52.80 4.29 -8.44	44.38 4.03 -2.00	40.16 3.31 -1.64	35.35 3.20 -0.19	31.22 2.78 -0.66	29.15 2.36 -1.92
HEWLETT_69_KV_BK3 55828	23.02 2.15 0.00	20.19 1.68 -0.07	18.60 1.61 -0.23	17.49 1.32 -0.31	17.94 1.40 -0.24	19.33 1.56 -0.26	22.19 1.81 0.00	24.17 2.26 0.00	25.09 2.53 0.00	25.29 2.69 0.00	31.54 2.89 -4.33	32.42 2.94 -4.99	33.70 3.01 -5.61	35.63 3.12 -5.83	47.33 3.32 -16.37	51.02 3.46 -17.71	47.61 4.59 -6.62	49.92 4.98 -5.76	53.40 4.89 -8.44	44.92 4.56 -2.00	40.90 4.05 -1.64	36.14 3.68 -0.50	31.58 3.14 -0.66	29.47 2.69 -1.92
HICKLING___1 23621	20.64 -0.23 0.00	18.23 -0.24 -0.02	16.51 -0.30 -0.06	15.61 -0.33 -0.08	16.09 -0.26 -0.06	17.36 -0.21 -0.07	20.21 -0.16 0.00	22.07 0.15 0.00	22.72 0.16 0.00	22.92 0.32 0.00	24.63 0.24 -0.06	24.75 0.20 -0.07	25.31 0.15 -0.08	27.14 0.32 -0.15	28.13 0.30 -0.19	30.45 0.33 -0.27	37.18 0.25 -0.52	40.16 0.35 -0.63	41.33 0.60 -0.66	39.36 0.42 -0.59	36.49 0.42 -0.85	32.38 0.06 -0.35	28.16 0.19 -0.18	25.15 0.20 -0.08
HICKLING___2 23622	20.64 -0.23 0.00	18.23 -0.24 -0.02	16.51 -0.30 -0.06	15.61 -0.33 -0.08	16.09 -0.26 -0.06	17.36 -0.21 -0.07	20.21 -0.16 0.00	22.07 0.15 0.00	22.72 0.16 0.00	22.92 0.32 0.00	24.63 0.24 -0.06	24.75 0.20 -0.07	25.31 0.15 -0.08	27.14 0.32 -0.15	28.13 0.30 -0.19	30.45 0.33 -0.27	37.18 0.25 -0.52	40.16 0.35 -0.63	41.33 0.60 -0.66	39.36 0.42 -0.59	36.49 0.42 -0.85	32.38 0.06 -0.35	28.16 0.19 -0.18	25.15 0.20 -0.08
HIGH FALLS___HY 23754	22.27 1.40 0.00	19.62 1.07 -0.10	18.14 1.02 -0.37	17.22 0.87 -0.48	17.60 0.93 -0.38	18.92 1.00 -0.42	21.60 1.22 0.00	23.47 1.56 0.00	24.32 1.76 0.00	24.41 1.81 0.00	26.34 2.02 0.00	26.52 2.03 0.00	27.21 2.13 0.00	28.76 2.08 0.00	29.88 2.24 0.00	32.26 2.42 0.00	39.72 3.31 0.00	42.74 3.57 0.00	43.52 3.45 0.00	41.58 3.22 0.00	40.07 2.85 -2.00	34.59 2.62 0.00	29.89 2.11 0.00	26.66 1.79 0.00
HIGH_RIVER___SOLAR 323847	21.81 0.94 0.00	20.01 0.83 -0.73	20.11 0.75 -2.60	19.97 0.67 -3.43	19.73 0.72 -2.72	21.23 0.77 -2.96	21.21 0.84 0.00	22.84 0.92 0.00	23.56 0.99 0.00	23.53 0.93 0.00	25.32 1.00 0.00	25.54 1.05 0.00	26.18 1.10 0.00	27.82 1.15 0.00	28.86 1.22 0.00	31.25 1.40 0.00	38.23 1.82 0.00	41.25 2.08 0.00	42.31 2.24 0.00	40.47 2.11 0.00	45.53 1.97 -8.34	33.63 1.66 0.00	29.20 1.42 0.00	26.03 1.17 0.00

HILLBURN___GT 23639	22.29 1.42 0.00	19.71 1.20 -0.06	18.11 1.14 -0.22	17.13 0.98 -0.29	17.55 1.03 -0.23	18.85 1.10 -0.25	21.70 1.32 0.00	23.49 1.58 0.00	24.39 1.83 0.00	24.50 1.90 0.00	26.39 2.07 0.00	26.60 2.11 0.00	27.24 2.16 0.00	28.92 2.24 0.00	30.02 2.38 0.00	32.38 2.54 0.00	39.83 3.42 0.00	42.86 3.68 0.00	43.64 3.57 0.00	41.61 3.26 0.00	39.60 2.85 -1.53	34.50 2.53 0.00	29.92 2.14 0.00	26.66 1.79 0.00
HILLSIDE_115KV_TB1 80332	20.41 -0.46 0.00	18.04 -0.42 -0.02	16.35 -0.47 -0.06	15.47 -0.48 -0.08	15.93 -0.42 -0.06	17.19 -0.39 -0.07	19.99 -0.39 0.00	21.76 -0.15 0.00	22.43 -0.14 0.00	22.58 -0.02 0.00	24.29 -0.10 -0.07	24.42 -0.15 -0.08	24.97 -0.20 -0.09	26.73 -0.11 -0.16	27.74 -0.11 -0.21	30.06 -0.09 -0.31	36.77 -0.22 -0.59	39.77 -0.12 -0.71	40.81 0.00 -0.74	38.90 -0.12 -0.66	36.07 -0.07 -0.92	32.01 -0.35 -0.39	27.82 -0.17 -0.20	24.86 -0.10 -0.09
HISHELDN_WT_PWR 323625	19.89 -0.98 0.00	17.53 -0.92 0.00	15.82 -0.94 0.00	14.98 -0.89 0.00	15.35 -0.95 0.00	16.65 -0.86 0.00	19.40 -0.98 0.00	21.08 -0.83 0.00	21.91 -0.66 0.00	21.92 -0.68 0.00	23.86 -0.46 0.00	23.83 -0.66 0.00	24.38 -0.70 0.00	25.93 -0.75 0.00	26.73 -0.91 0.00	29.01 -0.84 0.00	35.03 -1.38 0.00	37.69 -1.49 0.00	38.75 -1.32 0.00	36.90 -1.46 0.00	34.25 -1.23 -0.26	30.47 -1.50 0.00	26.70 -1.08 0.00	24.24 -0.62 0.00
HOLTSVILLE_IC_1 23690	23.17 2.30 0.00	20.29 1.77 -0.07	18.70 1.71 -0.23	17.54 1.36 -0.31	17.97 1.43 -0.24	19.45 1.68 -0.26	22.33 1.96 0.00	24.30 2.39 0.00	25.29 2.73 0.00	25.54 2.94 0.00	31.66 3.02 -4.33	32.52 3.04 -4.99	33.74 3.06 -5.61	35.65 3.15 -5.83	47.41 3.40 -16.37	51.23 3.67 -17.71	47.65 4.62 -6.62	49.93 4.98 -5.77	53.36 4.85 -8.45	44.97 4.60 -2.01	40.48 3.63 -1.64	35.58 3.52 -0.09	31.71 3.28 -0.66	29.67 2.88 -1.92
HOLTSVILLE_IC_10 23699	23.27 2.40 0.00	20.34 1.83 -0.07	18.76 1.78 -0.23	17.60 1.43 -0.31	18.02 1.48 -0.24	19.52 1.75 -0.26	22.39 2.02 0.00	24.39 2.48 0.00	25.38 2.82 0.00	25.65 3.05 0.00	31.81 3.16 -4.33	32.69 3.21 -4.99	33.92 3.24 -5.61	35.84 3.33 -5.83	47.60 3.59 -16.37	51.47 3.91 -17.71	47.98 4.95 -6.62	50.32 5.37 -5.77	53.77 5.25 -8.45	45.32 4.95 -2.01	40.76 3.91 -1.64	35.87 3.80 -0.09	31.91 3.47 -0.66	29.82 3.03 -1.92
HOLTSVILLE_IC_2 23691	23.17 2.30 0.00	20.29 1.77 -0.07	18.70 1.71 -0.23	17.54 1.36 -0.31	17.97 1.43 -0.24	19.45 1.68 -0.26	22.33 1.96 0.00	24.30 2.39 0.00	25.29 2.73 0.00	25.54 2.94 0.00	31.66 3.02 -4.33	32.52 3.04 -4.99	33.74 3.06 -5.61	35.65 3.15 -5.83	47.41 3.40 -16.37	51.23 3.67 -17.71	47.65 4.62 -6.62	49.93 4.98 -5.77	53.36 4.85 -8.45	44.97 4.60 -2.01	40.48 3.63 -1.64	35.58 3.52 -0.09	31.71 3.28 -0.66	29.67 2.88 -1.92
HOLTSVILLE_IC_3 23692	23.17 2.30 0.00	20.29 1.77 -0.07	18.70 1.71 -0.23	17.54 1.36 -0.31	17.97 1.43 -0.24	19.45 1.68 -0.26	22.33 1.96 0.00	24.30 2.39 0.00	25.29 2.73 0.00	25.54 2.94 0.00	31.66 3.02 -4.33	32.52 3.04 -4.99	33.74 3.06 -5.61	35.65 3.15 -5.83	47.41 3.40 -16.37	51.23 3.67 -17.71	47.65 4.62 -6.62	49.93 4.98 -5.77	53.36 4.85 -8.45	44.97 4.60 -2.01	40.48 3.63 -1.64	35.58 3.52 -0.09	31.71 3.28 -0.66	29.67 2.88 -1.92
HOLTSVILLE_IC_4 23693	23.17 2.30 0.00	20.29 1.77 -0.07	18.70 1.71 -0.23	17.54 1.36 -0.31	17.97 1.43 -0.24	19.45 1.68 -0.26	22.33 1.96 0.00	24.30 2.39 0.00	25.29 2.73 0.00	25.54 2.94 0.00	31.66 3.02 -4.33	32.52 3.04 -4.99	33.74 3.06 -5.61	35.65 3.15 -5.83	47.41 3.40 -16.37	51.23 3.67 -17.71	47.65 4.62 -6.62	49.93 4.98 -5.77	53.36 4.85 -8.45	44.97 4.60 -2.01	40.48 3.63 -1.64	35.58 3.52 -0.09	31.71 3.28 -0.66	29.67 2.88 -1.92
HOLTSVILLE_IC_5 23694	23.17 2.30 0.00	20.29 1.77 -0.07	18.70 1.71 -0.23	17.54 1.36 -0.31	17.97 1.43 -0.24	19.45 1.68 -0.26	22.33 1.96 0.00	24.30 2.39 0.00	25.29 2.73 0.00	25.54 2.94 0.00	31.66 3.02 -4.33	32.52 3.04 -4.99	33.74 3.06 -5.61	35.65 3.15 -5.83	47.41 3.40 -16.37	51.23 3.67 -17.71	47.65 4.62 -6.62	49.93 4.98 -5.77	53.36 4.85 -8.45	44.97 4.60 -2.01	40.48 3.63 -1.64	35.58 3.52 -0.09	31.71 3.28 -0.66	29.67 2.88 -1.92
HOLTSVILLE_IC_6 23695	23.27 2.40 0.00	20.34 1.83 -0.07	18.76 1.78 -0.23	17.60 1.43 -0.31	18.02 1.48 -0.24	19.52 1.75 -0.26	22.39 2.02 0.00	24.39 2.48 0.00	25.38 2.82 0.00	25.65 3.05 0.00	31.81 3.16 -4.33	32.69 3.21 -4.99	33.92 3.24 -5.61	35.84 3.33 -5.83	47.60 3.59 -16.37	51.47 3.91 -17.71	47.98 4.95 -6.62	50.32 5.37 -5.77	53.77 5.25 -8.45	45.32 4.95 -2.01	40.76 3.91 -1.64	35.87 3.80 -0.09	31.91 3.47 -0.66	29.82 3.03 -1.92
HOLTSVILLE_IC_7 23696	23.27 2.40 0.00	20.34 1.83 -0.07	18.76 1.78 -0.23	17.60 1.43 -0.31	18.02 1.48 -0.24	19.52 1.75 -0.26	22.39 2.02 0.00	24.39 2.48 0.00	25.38 2.82 0.00	25.65 3.05 0.00	31.81 3.16 -4.33	32.69 3.21 -4.99	33.92 3.24 -5.61	35.84 3.33 -5.83	47.60 3.59 -16.37	51.47 3.91 -17.71	47.98 4.95 -6.62	50.32 5.37 -5.77	53.77 5.25 -8.45	45.32 4.95 -2.01	40.76 3.91 -1.64	35.87 3.80 -0.09	31.91 3.47 -0.66	29.82 3.03 -1.92
HOLTSVILLE_IC_8 23697	23.27 2.40 0.00	20.34 1.83 -0.07	18.76 1.78 -0.23	17.60 1.43 -0.31	18.02 1.48 -0.24	19.52 1.75 -0.26	22.39 2.02 0.00	24.39 2.48 0.00	25.38 2.82 0.00	25.65 3.05 0.00	31.81 3.16 -4.33	32.69 3.21 -4.99	33.92 3.24 -5.61	35.84 3.33 -5.83	47.60 3.59 -16.37	51.47 3.91 -17.71	47.98 4.95 -6.62	50.32 5.37 -5.77	53.77 5.25 -8.45	45.32 4.95 -2.01	40.76 3.91 -1.64	35.87 3.80 -0.09	31.91 3.47 -0.66	29.82 3.03 -1.92
HOLTSVILLE_IC_9 23698	23.27 2.40 0.00	20.34 1.83 -0.07	18.76 1.78 -0.23	17.60 1.43 -0.31	18.02 1.48 -0.24	19.52 1.75 -0.26	22.39 2.02 0.00	24.39 2.48 0.00	25.38 2.82 0.00	25.65 3.05 0.00	31.81 3.16 -4.33	32.69 3.21 -4.99	33.92 3.24 -5.61	35.84 3.33 -5.83	47.60 3.59 -16.37	51.47 3.91 -17.71	47.98 4.95 -6.62	50.32 5.37 -5.77	53.77 5.25 -8.45	45.32 4.95 -2.01	40.76 3.91 -1.64	35.87 3.80 -0.09	31.91 3.47 -0.66	29.82 3.03 -1.92
HOMER_HL_115KV_TB2 355744	20.18 -0.69 0.00	17.82 -0.63 0.00	16.09 -0.67 0.00	15.20 -0.67 0.00	15.71 -0.59 0.00	16.94 -0.56 0.00	19.83 -0.55 0.00	21.67 -0.24 0.00	22.38 -0.18 0.00	22.56 -0.05 0.00	24.20 -0.12 0.00	24.27 -0.22 0.00	24.75 -0.33 0.00	26.49 -0.19 0.00	27.42 -0.22 0.00	29.70 -0.15 0.00	36.01 -0.40 0.00	38.83 -0.35 0.00	39.87 -0.20 0.00	37.94 -0.42 0.00	35.22 -0.28 -0.28	31.27 -0.70 0.00	27.42 -0.36 0.00	24.79 -0.07 0.00
HOWARD_WT_PWR 323690	20.56 -0.31 0.00	18.10 -0.35 0.00	16.30 -0.45 0.00	15.37 -0.49 0.00	15.77 -0.52 0.00	17.10 -0.40 0.00	19.99 -0.39 0.00	21.70 -0.22 0.00	22.47 -0.09 0.00	22.60 0.00 0.00	24.51 0.15 -0.05	24.54 0.00 -0.05	25.11 -0.03 -0.06	26.84 0.05 -0.11	27.70 -0.08 -0.14	30.02 -0.03 -0.20	36.50 -0.29 -0.38	39.40 -0.23 -0.46	40.63 0.08 -0.48	38.63 -0.15 -0.43	35.66 -0.21 -0.65	31.55 -0.67 -0.25	27.36 -0.56 -0.13	24.48 -0.45 -0.06

HQ_GEN_CEDARS 23644	20.10 -0.77 0.00	17.80 -0.65 0.00	16.10 -0.65 0.00	15.67 -0.19 0.00	15.84 -0.46 0.00	16.89 -0.61 0.00	19.70 -0.67 0.00	21.19 -0.72 0.00	21.71 -0.86 0.00	21.70 -0.90 0.00	23.32 -1.00 0.00	23.43 -1.05 0.01	21.74 -1.08 2.26	16.87 -1.15 8.66	16.05 -1.19 10.40	16.18 -1.25 12.41	16.08 -1.53 18.80	16.08 -1.72 21.37	18.29 -1.80 19.97	16.08 -1.57 20.70	16.08 -1.37 17.76	16.11 -1.09 14.77	16.08 -0.81 10.89	16.08 -0.72 8.06
HQ_GEN_CEDARS_PROXY 323590	20.10 -0.77 0.00	17.80 -0.65 0.00	16.10 -0.65 0.00	15.68 -0.19 0.00	16.08 -0.21 0.00	16.89 -0.61 0.00	19.68 -0.69 0.00	21.19 -0.72 0.00	21.81 -0.86 -0.10	21.62 -0.88 0.10	23.32 -1.00 0.00	23.46 -1.03 0.01	21.74 -1.08 2.26	16.87 -1.15 8.66	16.08 -1.16 10.40	16.18 -1.25 12.41	16.08 -1.53 18.80	16.08 -1.72 21.37	18.30 -1.80 19.97	16.08 -1.57 20.70	16.08 -1.37 17.76	16.08 -1.12 14.77	16.08 -0.81 10.89	16.08 -0.72 8.06
HQ_GEN_IMPORT 323601	20.49 -0.38 0.00	18.14 -0.31 0.00	16.44 -0.32 0.00	15.64 -0.22 0.00	16.06 -0.23 0.00	17.19 -0.31 0.00	20.01 -0.37 0.00	21.54 -0.37 0.00	22.24 -0.43 -0.10	22.07 -0.43 0.10	23.83 -0.49 0.00	24.00 -0.49 0.00	24.00 -0.53 0.55	24.01 -0.56 2.10	24.53 -0.58 2.53	26.20 -0.63 3.02	30.93 -0.91 4.57	33.00 -0.98 5.19	34.22 -1.00 4.85	32.37 -0.96 5.03	30.02 -0.88 4.32	27.71 -0.67 3.59	24.55 -0.58 2.65	22.48 -0.42 1.96
HQ_GEN_WHEEL 23651	20.49 -0.38 0.00	18.14 -0.31 0.00	16.44 -0.32 0.00	15.64 -0.22 0.00	16.06 -0.23 0.00	17.19 -0.31 0.00	20.01 -0.37 0.00	21.54 -0.37 0.00	22.24 -0.43 -0.10	22.07 -0.43 0.10	23.83 -0.49 0.00	24.00 -0.49 0.00	24.00 -0.53 0.55	24.01 -0.56 2.10	24.53 -0.58 2.53	26.20 -0.63 3.02	30.93 -0.91 4.57	33.00 -0.98 5.19	34.22 -1.00 4.85	32.37 -0.96 5.03	30.02 -0.88 4.32	27.71 -0.67 3.59	24.55 -0.58 2.65	22.48 -0.42 1.96
HUDSON AVE_GT_3 23810	22.60 1.73 0.00	19.94 1.42 -0.07	18.36 1.37 -0.23	17.38 1.21 -0.31	17.81 1.27 -0.24	19.06 1.30 -0.26	21.95 1.57 0.00	23.87 1.95 0.00	24.75 2.19 0.00	24.95 2.31 -0.04	27.22 2.55 -0.34	28.85 2.60 -1.76	31.44 2.66 -3.71	35.43 2.75 -6.01	35.49 2.87 -4.97	36.79 3.10 -3.83	40.93 4.08 -0.45	43.53 4.35 0.00	44.24 4.17 0.00	42.19 3.84 0.00	40.27 3.42 -1.64	34.98 3.01 0.00	30.31 2.53 0.00	27.03 2.16 0.00
HUDSON AVE_GT_4 23540	22.60 1.73 0.00	19.94 1.42 -0.07	18.36 1.37 -0.23	17.38 1.21 -0.31	17.81 1.27 -0.24	19.06 1.30 -0.26	21.95 1.57 0.00	23.87 1.95 0.00	24.75 2.19 0.00	24.95 2.31 -0.04	27.22 2.55 -0.34	28.85 2.60 -1.76	31.44 2.66 -3.71	35.43 2.75 -6.01	35.49 2.87 -4.97	36.79 3.10 -3.83	40.93 4.08 -0.45	43.53 4.35 0.00	44.24 4.17 0.00	42.19 3.84 0.00	40.27 3.42 -1.64	34.98 3.01 0.00	30.31 2.53 0.00	27.03 2.16 0.00
HUDSON AVE_GT_5 23657	22.60 1.73 0.00	19.94 1.42 -0.07	18.36 1.37 -0.23	17.38 1.21 -0.31	17.81 1.27 -0.24	19.06 1.30 -0.26	21.95 1.57 0.00	23.87 1.95 0.00	24.75 2.19 0.00	24.95 2.31 -0.04	27.22 2.55 -0.34	28.85 2.60 -1.76	31.44 2.66 -3.71	35.43 2.75 -6.01	35.49 2.87 -4.97	36.79 3.10 -3.83	40.93 4.08 -0.45	43.53 4.35 0.00	44.24 4.17 0.00	42.19 3.84 0.00	40.27 3.42 -1.64	34.98 3.01 0.00	30.31 2.53 0.00	27.03 2.16 0.00
HUDSON_AVE_10 24168	22.56 1.69 0.00	19.88 1.37 -0.07	18.33 1.34 -0.23	17.33 1.16 -0.31	17.77 1.24 -0.24	19.03 1.26 -0.26	21.90 1.53 0.00	23.82 1.91 0.00	24.71 2.14 0.00	24.90 2.26 -0.04	27.15 2.48 -0.34	28.77 2.52 -1.76	31.34 2.56 -3.71	35.33 2.64 -6.01	35.37 2.76 -4.97	36.67 2.98 -3.83	40.82 3.97 -0.45	43.41 4.23 0.00	44.12 4.05 0.00	42.08 3.72 0.00	40.16 3.31 -1.64	34.88 2.91 0.00	30.25 2.47 0.00	26.98 2.11 0.00
HUDSON___115KV_TB 4 355613	21.87 1.00 0.00	19.78 1.00 -0.34	18.86 0.90 -1.19	18.27 0.82 -1.58	18.39 0.85 -1.25	19.77 0.91 -1.36	21.52 1.14 0.00	22.95 1.03 0.00	23.62 1.06 0.00	23.41 0.81 0.00	25.22 0.90 0.00	25.45 0.96 0.00	26.06 0.98 0.00	27.66 0.99 0.00	28.78 1.13 0.00	31.13 1.28 0.00	38.34 1.93 0.00	41.49 2.31 0.00	42.56 2.48 0.00	40.77 2.42 0.00	41.84 2.15 -4.47	33.89 1.92 0.00	29.36 1.58 0.00	26.16 1.29 0.00
HUNTER MOUNT___DRP 323613	21.91 1.04 0.00	19.73 1.00 -0.28	18.64 0.89 -0.99	17.99 0.81 -1.31	18.16 0.83 -1.04	19.54 0.91 -1.13	21.58 1.20 0.00	22.97 1.05 0.00	23.60 1.04 0.00	23.32 0.72 0.00	25.12 0.80 0.00	25.32 0.83 0.00	25.96 0.88 0.00	27.58 0.91 0.00	28.75 1.11 0.00	31.10 1.25 0.00	38.34 1.93 0.00	41.53 2.35 0.00	42.68 2.60 0.00	40.93 2.57 0.00	41.33 2.22 -3.89	34.02 2.05 0.00	29.48 1.69 0.00	26.23 1.37 0.00
HUNTINGTON_RES_REC 323705	22.94 2.07 0.00	20.07 1.55 -0.07	18.50 1.51 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.24 1.47 -0.26	22.07 1.69 0.00	24.04 2.13 0.00	25.02 2.46 0.00	25.27 2.67 0.00	31.39 2.75 -4.33	32.27 2.79 -4.99	33.54 2.86 -5.61	35.47 2.96 -5.83	47.21 3.21 -16.37	51.02 3.46 -17.71	47.47 4.44 -6.62	49.79 4.82 -5.80	53.23 4.69 -8.47	44.80 4.41 -2.04	40.34 3.49 -1.64	35.42 3.36 -0.09	31.47 3.03 -0.66	29.42 2.63 -1.92
HUNTLEY___63 23557	19.64 -1.23 0.00	17.32 -1.13 0.00	15.65 -1.11 0.00	14.85 -1.02 0.00	15.30 -0.99 0.00	16.51 -1.00 0.00	19.26 -1.12 0.00	21.10 -0.81 0.00	21.77 -0.79 0.00	21.99 -0.61 0.00	23.57 -0.75 0.00	23.66 -0.83 0.00	24.10 -0.98 0.00	25.77 -0.91 0.00	26.65 -1.00 0.00	28.80 -1.04 0.00	34.83 -1.60 -0.03	37.40 -1.80 -0.03	38.46 -1.64 -0.03	36.58 -1.80 -0.03	34.00 -1.48 -0.27	30.28 -1.69 0.00	26.86 -0.92 0.00	24.24 -0.62 0.00
HUNTLEY___64 23558	19.64 -1.23 0.00	17.32 -1.13 0.00	15.65 -1.11 0.00	14.85 -1.02 0.00	15.30 -0.99 0.00	16.51 -1.00 0.00	19.26 -1.12 0.00	21.10 -0.81 0.00	21.77 -0.79 0.00	21.99 -0.61 0.00	23.57 -0.75 0.00	23.66 -0.83 0.00	24.10 -0.98 0.00	25.77 -0.91 0.00	26.65 -1.00 0.00	28.80 -1.04 0.00	34.83 -1.60 -0.03	37.40 -1.80 -0.03	38.46 -1.64 -0.03	36.58 -1.80 -0.03	34.00 -1.48 -0.27	30.28 -1.69 0.00	26.86 -0.92 0.00	24.24 -0.62 0.00
HUNTLEY___65 23559	19.64 -1.23 0.00	17.32 -1.13 0.00	15.65 -1.11 0.00	14.85 -1.02 0.00	15.30 -0.99 0.00	16.51 -1.00 0.00	19.26 -1.12 0.00	21.10 -0.81 0.00	21.77 -0.79 0.00	21.99 -0.61 0.00	23.57 -0.75 0.00	23.66 -0.83 0.00	24.10 -0.98 0.00	25.77 -0.91 0.00	26.65 -1.00 0.00	28.80 -1.04 0.00	34.83 -1.60 -0.03	37.40 -1.80 -0.03	38.46 -1.64 -0.03	36.58 -1.80 -0.03	34.00 -1.48 -0.27	30.28 -1.69 0.00	26.86 -0.92 0.00	24.24 -0.62 0.00
HUNTLEY___66 23560	19.64 -1.23 0.00	17.32 -1.13 0.00	15.65 -1.11 0.00	14.85 -1.02 0.00	15.30 -0.99 0.00	16.51 -1.00 0.00	19.26 -1.12 0.00	21.10 -0.81 0.00	21.77 -0.79 0.00	21.99 -0.61 0.00	23.57 -0.75 0.00	23.66 -0.83 0.00	24.10 -0.98 0.00	25.77 -0.91 0.00	26.65 -1.00 0.00	28.80 -1.04 0.00	34.83 -1.60 -0.03	37.40 -1.80 -0.03	38.46 -1.64 -0.03	36.58 -1.80 -0.03	34.00 -1.48 -0.27	30.28 -1.69 0.00	26.86 -0.92 0.00	24.24 -0.62 0.00

HUNTLEY___67 23561	19.60 -1.27 0.00	17.31 -1.14 0.00	15.63 -1.12 0.00	14.82 -1.05 0.00	15.27 -1.03 0.00	16.47 -1.03 0.00	19.21 -1.16 0.00	21.04 -0.88 0.00	21.71 -0.86 0.00	21.90 -0.70 0.00	23.47 -0.85 0.00	23.56 -0.93 0.00	23.97 -1.10 0.00	25.61 -1.07 0.00	26.48 -1.16 0.00	28.65 -1.19 0.00	34.59 -1.82 0.00	37.14 -2.04 0.00	38.15 -1.92 0.00	36.36 -1.99 0.00	33.83 -1.62 -0.23	30.12 -1.85 0.00	26.75 -1.03 0.00	24.14 -0.72 0.00
HUNTLEY___68 23562	19.60 -1.27 0.00	17.31 -1.14 0.00	15.63 -1.12 0.00	14.82 -1.05 0.00	15.27 -1.03 0.00	16.47 -1.03 0.00	19.21 -1.16 0.00	21.04 -0.88 0.00	21.71 -0.86 0.00	21.90 -0.70 0.00	23.47 -0.85 0.00	23.56 -0.93 0.00	23.97 -1.10 0.00	25.61 -1.07 0.00	26.48 -1.16 0.00	28.65 -1.19 0.00	34.59 -1.82 0.00	37.14 -2.04 0.00	38.15 -1.92 0.00	36.36 -1.99 0.00	33.83 -1.62 -0.23	30.12 -1.85 0.00	26.75 -1.03 0.00	24.14 -0.72 0.00
HYLAND___LFGE 323620	20.85 -0.02 0.00	18.39 -0.06 0.00	16.62 -0.13 0.00	15.71 -0.16 0.00	16.13 -0.16 0.00	17.50 0.00 0.00	20.38 0.00 0.00	21.96 0.04 0.00	22.43 -0.13 0.00	22.35 -0.25 0.00	24.15 -0.17 0.00	24.07 -0.42 0.00	24.68 -0.40 0.00	26.22 -0.45 0.00	27.15 -0.50 0.00	29.82 -0.03 0.00	35.13 -1.28 0.00	38.08 -1.10 0.00	39.35 -0.72 0.00	38.09 -0.27 0.00	35.54 0.07 -0.25	31.59 -0.38 0.00	28.42 0.64 0.00	25.44 0.57 0.00
INDECK___CORINTH 23802	22.33 1.46 0.00	20.49 1.33 -0.72	20.49 1.19 -2.54	20.30 1.08 -3.35	20.06 1.11 -2.66	21.62 1.22 -2.89	21.80 1.43 0.00	23.43 1.51 0.00	24.23 1.67 0.00	24.11 1.51 0.00	25.17 0.85 0.00	25.50 1.00 0.00	26.08 1.00 0.00	27.69 1.01 0.00	28.78 1.13 0.00	31.19 1.34 0.00	38.01 1.60 0.00	41.10 1.92 0.00	42.23 2.16 0.00	40.08 1.73 0.00	45.31 1.90 -8.19	33.54 1.57 0.00	29.28 1.50 0.00	26.01 1.14 0.00
INDECK___ILION 23567	21.16 0.29 0.00	18.71 0.26 0.00	16.99 0.23 0.00	16.06 0.19 0.00	16.52 0.23 0.00	17.75 0.25 0.00	20.66 0.29 0.00	22.22 0.31 0.00	22.88 0.32 0.00	22.92 0.32 0.00	24.66 0.34 0.00	24.83 0.34 0.00	25.55 0.35 -0.12	27.53 0.40 -0.45	28.57 0.39 -0.54	30.88 0.39 -0.65	37.93 0.55 -0.98	40.88 0.59 -1.12	41.75 0.64 -1.04	40.05 0.61 -1.08	36.67 0.53 -0.93	33.16 0.42 -0.77	28.71 0.36 -0.57	25.56 0.27 -0.42
INDECK___OLEAN 23982	20.18 -0.69 0.00	17.82 -0.63 0.00	16.09 -0.67 0.00	15.20 -0.67 0.00	15.61 -0.68 0.00	16.94 -0.56 0.00	19.81 -0.57 0.00	21.48 -0.44 0.00	22.34 -0.23 0.00	22.37 -0.23 0.00	24.30 -0.02 0.00	24.27 -0.22 0.00	24.83 -0.25 0.00	26.49 -0.19 0.00	27.37 -0.28 0.00	29.70 -0.15 0.00	35.97 -0.44 0.00	38.87 -0.31 0.00	39.87 -0.20 0.00	37.90 -0.46 0.00	34.90 -0.60 -0.28	31.27 -0.70 0.00	27.31 -0.47 0.00	24.82 -0.05 0.00
INDECK___OSWEGO 23783	20.54 -0.33 0.00	18.14 -0.31 0.00	16.47 -0.28 0.00	15.56 -0.30 0.00	16.00 -0.29 0.00	17.24 -0.26 0.00	20.05 -0.33 0.00	21.52 -0.39 0.00	22.11 -0.45 0.00	22.17 -0.43 0.00	24.48 -0.46 -0.63	24.69 -0.47 -0.67	25.35 -0.48 -0.75	27.44 -0.45 -1.22	28.74 -0.47 -1.57	31.69 -0.54 -2.38	40.14 -0.95 -4.68	43.85 -1.02 -5.69	45.11 -0.96 -6.00	42.76 -0.88 -5.29	38.54 -0.81 -4.14	34.24 -0.80 -3.07	28.83 -0.45 -1.49	25.03 -0.45 -0.61
INDECK___YERKES 23781	19.66 -1.21 0.00	17.34 -1.11 0.00	15.67 -1.09 0.00	14.87 -1.00 0.00	15.23 -1.06 0.00	16.52 -0.98 0.00	19.24 -1.14 0.00	20.93 -0.99 0.00	21.77 -0.79 0.00	21.74 -0.86 0.00	23.74 -0.58 0.00	23.68 -0.81 0.00	24.25 -0.83 0.00	25.80 -0.88 0.00	26.54 -1.11 0.00	28.83 -1.01 0.00	34.80 -1.64 -0.03	37.44 -1.76 -0.03	38.50 -1.60 -0.03	36.62 -1.76 -0.03	34.01 -1.48 -0.27	30.31 -1.66 0.00	26.64 -1.14 0.00	24.27 -0.60 0.00
INDIAN POINT_GT_1 24139	22.33 1.46 0.00	19.73 1.22 -0.06	18.16 1.17 -0.23	17.18 1.02 -0.30	17.62 1.09 -0.24	18.90 1.14 -0.26	21.72 1.34 0.00	23.56 1.64 0.00	24.44 1.87 0.00	24.52 1.92 0.00	26.46 2.14 0.00	26.67 2.18 0.00	27.31 2.23 0.00	28.97 2.29 0.00	30.05 2.40 0.00	32.41 2.57 0.00	39.87 3.46 0.00	42.90 3.72 0.00	43.68 3.61 0.00	41.69 3.34 0.00	39.79 2.96 -1.61	34.53 2.56 0.00	29.89 2.11 0.00	26.68 1.82 0.00
INDIAN POINT_GT_2 23659	22.33 1.46 0.00	19.73 1.22 -0.06	18.16 1.17 -0.23	17.18 1.02 -0.30	17.62 1.09 -0.24	18.90 1.14 -0.26	21.72 1.34 0.00	23.56 1.64 0.00	24.44 1.87 0.00	24.52 1.92 0.00	26.46 2.14 0.00	26.67 2.18 0.00	27.31 2.23 0.00	28.97 2.29 0.00	30.05 2.40 0.00	32.41 2.57 0.00	39.87 3.46 0.00	42.90 3.72 0.00	43.68 3.61 0.00	41.69 3.34 0.00	39.79 2.96 -1.61	34.53 2.56 0.00	29.89 2.11 0.00	26.68 1.82 0.00
INDIAN POINT_GT_3 24019	22.33 1.46 0.00	19.73 1.22 -0.06	18.16 1.17 -0.23	17.18 1.02 -0.30	17.62 1.09 -0.24	18.90 1.14 -0.26	21.72 1.34 0.00	23.56 1.64 0.00	24.44 1.87 0.00	24.52 1.92 0.00	26.46 2.14 0.00	26.67 2.18 0.00	27.31 2.23 0.00	28.97 2.29 0.00	30.05 2.40 0.00	32.41 2.57 0.00	39.87 3.46 0.00	42.90 3.72 0.00	43.68 3.61 0.00	41.69 3.34 0.00	39.79 2.96 -1.61	34.53 2.56 0.00	29.89 2.11 0.00	26.68 1.82 0.00
INDIAN POINT___2 23530	22.29 1.42 0.00	19.71 1.20 -0.06	18.14 1.16 -0.22	17.16 1.00 -0.30	17.55 1.03 -0.23	18.86 1.10 -0.25	21.70 1.32 0.00	23.49 1.58 0.00	24.37 1.81 0.00	24.50 1.90 0.00	26.39 2.07 0.00	26.60 2.11 0.00	27.24 2.16 0.00	28.92 2.24 0.00	29.99 2.35 0.00	32.35 2.51 0.00	39.79 3.39 0.00	42.82 3.64 0.00	43.56 3.48 0.00	41.58 3.22 0.00	39.62 2.82 -1.58	34.47 2.50 0.00	29.89 2.11 0.00	26.66 1.79 0.00
INDIAN POINT___3 23531	22.31 1.44 0.00	19.71 1.20 -0.06	18.14 1.16 -0.23	17.17 1.00 -0.30	17.61 1.08 -0.24	18.89 1.12 -0.26	21.70 1.32 0.00	23.54 1.62 0.00	24.39 1.83 0.00	24.48 1.88 0.00	26.41 2.09 0.00	26.60 2.11 0.00	27.23 2.16 0.00	28.89 2.21 0.00	29.96 2.32 0.00	32.32 2.48 0.00	39.72 3.31 0.00	42.78 3.60 0.00	43.52 3.45 0.00	41.58 3.22 0.00	39.68 2.85 -1.62	34.46 2.49 0.00	29.84 2.06 0.00	26.63 1.77 0.00
INGHAM_C_115KV_TB7 356103	21.25 0.38 0.00	18.80 0.35 0.00	17.06 0.30 0.00	16.12 0.25 0.00	16.59 0.29 0.00	17.82 0.32 0.00	20.76 0.39 0.00	22.31 0.39 0.00	22.97 0.41 0.00	23.01 0.41 0.00	24.76 0.44 0.00	24.91 0.42 0.00	25.65 0.45 -0.12	27.61 0.48 -0.45	28.63 0.44 -0.54	30.88 0.39 -0.65	37.90 0.51 -0.98	40.88 0.59 -1.12	41.75 0.64 -1.04	40.05 0.61 -1.08	36.64 0.49 -0.93	33.09 0.35 -0.77	28.68 0.33 -0.57	25.56 0.27 -0.42
IP CORINTH___1 23988	22.33 1.46 0.00	20.49 1.33 -0.72	20.49 1.19 -2.54	20.30 1.08 -3.35	20.09 1.14 -2.66	21.62 1.23 -2.89	21.27 0.90 0.00	22.86 0.94 0.00	23.65 1.08 0.00	23.50 0.90 0.00	25.32 1.00 0.00	25.64 1.15 0.00	26.26 1.18 0.00	27.85 1.17 0.00	28.94 1.30 0.00	31.37 1.52 0.00	38.23 1.82 0.00	41.33 2.15 0.00	42.48 2.40 0.00	40.31 1.96 0.00	45.52 2.11 -8.19	33.73 1.76 0.00	29.42 1.64 0.00	26.16 1.29 0.00

IP___TICONDEROGA 23804	23.21 2.34 0.00	21.28 2.12 -0.71	21.13 1.84 -2.53	20.90 1.70 -3.33	20.71 1.78 -2.64	22.30 1.93 -2.87	22.17 1.79 0.00	23.82 1.91 0.00	24.71 2.14 0.00	24.50 1.90 0.00	26.36 2.04 0.00	26.79 2.30 0.00	27.49 2.41 0.00	29.13 2.45 0.00	30.32 2.68 0.00	32.92 3.07 0.00	40.27 3.86 0.00	43.60 4.43 0.00	45.00 4.93 0.00	42.73 4.37 0.00	47.66 4.30 -8.15	35.68 3.71 0.00	31.03 3.25 0.00	27.48 2.61 0.00
ISLIP_RES_REC 323679	23.37 2.50 0.00	20.43 1.92 -0.07	18.83 1.84 -0.23	17.66 1.49 -0.31	18.10 1.56 -0.24	19.59 1.82 -0.26	22.50 2.12 0.00	24.52 2.61 0.00	25.52 2.95 0.00	25.79 3.19 0.00	31.98 3.33 -4.33	32.86 3.38 -4.99	34.10 3.41 -5.61	36.06 3.55 -5.83	47.85 3.84 -16.37	51.74 4.18 -17.71	48.34 5.32 -6.62	50.67 5.72 -5.77	54.13 5.61 -8.45	45.66 5.29 -2.01	41.04 4.19 -1.64	36.13 4.06 -0.10	32.08 3.64 -0.66	30.00 3.21 -1.92
JAMAICA__27_KV_LOAD 355505	22.69 1.82 0.00	19.97 1.46 -0.07	18.43 1.44 -0.23	17.41 1.24 -0.31	17.84 1.30 -0.24	19.12 1.35 -0.26	22.03 1.65 0.00	24.02 2.10 0.00	24.91 2.35 0.00	25.08 2.44 -0.04	27.32 2.65 -0.34	28.90 2.65 -1.76	31.49 2.71 -3.71	35.43 2.75 -6.01	35.51 2.90 -4.97	36.81 3.13 -3.83	41.11 4.26 -0.45	43.72 4.54 0.00	44.44 4.37 0.00	42.38 4.03 0.00	40.41 3.56 -1.64	35.04 3.07 0.00	30.53 2.75 0.00	27.15 2.29 0.00
JANIS___SOLAR 323808	21.58 0.71 0.00	19.11 0.63 -0.03	17.38 0.52 -0.10	16.44 0.44 -0.13	16.89 0.49 -0.10	18.27 0.65 -0.11	21.21 0.84 0.00	22.38 0.46 0.00	22.88 0.32 0.00	22.87 0.27 0.00	24.65 0.19 -0.14	24.79 0.15 -0.15	25.44 0.18 -0.18	27.30 0.29 -0.33	28.39 0.33 -0.41	30.81 0.36 -0.61	38.22 0.66 -1.16	41.56 0.98 -1.40	42.97 1.44 -1.46	41.20 1.54 -1.31	38.02 1.44 -1.36	33.86 1.12 -0.78	29.13 0.95 -0.40	25.80 0.75 -0.19
JARVIS____ 23743	21.04 0.17 0.00	18.62 0.17 0.00	16.91 0.15 0.00	15.98 0.11 0.00	16.42 0.13 0.00	17.66 0.16 0.00	20.56 0.18 0.00	22.09 0.17 0.00	22.77 0.20 0.00	22.78 0.18 0.00	24.51 0.19 0.00	24.71 0.22 0.00	25.42 0.23 -0.12	27.37 0.24 -0.45	28.43 0.25 -0.54	30.76 0.27 -0.65	37.79 0.40 -0.98	40.72 0.43 -1.12	41.55 0.44 -1.04	39.86 0.42 -1.08	36.53 0.39 -0.93	33.06 0.32 -0.77	28.60 0.25 -0.57	25.48 0.20 -0.42
JENNISON___1 23625	21.77 0.90 0.00	19.29 0.79 -0.05	17.61 0.69 -0.16	16.68 0.60 -0.21	17.16 0.70 -0.17	18.49 0.81 -0.18	21.42 1.04 0.00	23.43 1.51 0.00	24.03 1.47 0.00	24.05 1.45 0.00	25.89 1.51 -0.07	26.08 1.52 -0.07	26.84 1.68 -0.08	28.80 1.97 -0.15	29.80 1.96 -0.19	32.31 2.18 -0.29	39.61 2.66 -0.54	43.01 3.17 -0.66	44.36 3.61 -0.68	42.61 3.64 -0.61	39.93 3.28 -1.43	34.99 2.65 -0.36	30.08 2.11 -0.19	26.69 1.74 -0.09
JENNISON___2 23626	21.77 0.90 0.00	19.29 0.79 -0.05	17.61 0.69 -0.16	16.68 0.60 -0.21	17.16 0.70 -0.17	18.49 0.81 -0.18	21.42 1.04 0.00	23.43 1.51 0.00	24.03 1.47 0.00	24.05 1.45 0.00	25.89 1.51 -0.07	26.08 1.52 -0.07	26.84 1.68 -0.08	28.80 1.97 -0.15	29.80 1.96 -0.19	32.31 2.18 -0.29	39.61 2.66 -0.54	43.01 3.17 -0.66	44.36 3.61 -0.68	42.61 3.64 -0.61	39.93 3.28 -1.43	34.99 2.65 -0.36	30.08 2.11 -0.19	26.69 1.74 -0.09
JERICHO_RISE_WT_PWR 323719	20.33 -0.54 0.00	17.93 -0.52 0.00	16.20 -0.55 0.00	15.50 -0.36 0.00	15.90 -0.39 0.00	17.03 -0.47 0.00	19.85 -0.53 0.00	21.45 -0.46 0.00	21.77 -0.79 0.00	21.86 -0.75 0.00	23.47 -0.85 0.00	23.53 -0.96 0.01	21.69 -1.05 2.33	16.59 -1.17 8.92	15.69 -1.24 10.71	15.72 -1.34 12.78	15.38 -1.67 19.35	15.37 -1.80 22.01	17.79 -1.72 20.56	15.24 -1.80 21.31	15.20 -1.72 18.29	15.23 -1.53 15.21	15.06 -1.50 11.22	15.22 -1.34 8.30
KATONAH___115KV_46KV_TB4 355592	22.44 1.57 0.00	19.83 1.31 -0.07	18.27 1.27 -0.24	17.29 1.11 -0.32	17.72 1.17 -0.25	19.02 1.24 -0.27	21.82 1.45 0.00	23.65 1.73 0.00	24.59 2.03 0.00	24.66 2.06 0.00	26.63 2.31 0.00	26.89 2.40 0.00	27.56 2.48 0.00	29.21 2.53 0.00	30.27 2.63 0.00	32.68 2.84 0.00	40.27 3.86 0.00	43.29 4.11 0.00	44.16 4.09 0.00	42.11 3.76 0.00	40.20 3.31 -1.67	34.82 2.85 0.00	30.11 2.33 0.00	26.85 1.99 0.00
KCE_NY_1 323755	22.16 1.29 0.00	20.34 1.18 -0.70	20.33 1.07 -2.50	20.14 0.97 -3.30	19.90 0.99 -2.62	21.43 1.09 -2.84	21.64 1.26 0.00	23.23 1.31 0.00	23.99 1.42 0.00	23.89 1.29 0.00	25.51 1.19 0.00	25.79 1.30 0.00	26.41 1.33 0.00	28.06 1.39 0.00	29.13 1.49 0.00	31.55 1.70 0.00	38.63 2.22 0.00	41.72 2.55 0.00	42.80 2.73 0.00	40.89 2.53 0.00	45.73 2.43 -8.09	34.02 2.05 0.00	29.59 1.80 0.00	26.33 1.47 0.00
KCE_NY_6_ESR 323823	19.91 -0.96 0.00	17.56 -0.89 0.00	15.85 -0.91 0.00	15.02 -0.84 0.00	15.40 -0.90 0.00	16.72 -0.79 0.00	19.48 -0.90 0.00	21.17 -0.75 0.00	22.02 -0.54 0.00	22.01 -0.59 0.00	24.00 -0.32 0.00	23.98 -0.52 0.00	24.53 -0.55 0.00	26.11 -0.56 0.00	26.90 -0.75 0.00	29.22 -0.63 0.00	35.25 -1.17 -0.01	37.93 -1.26 -0.01	39.00 -1.08 -0.01	37.10 -1.26 -0.01	34.41 -1.06 -0.25	30.69 -1.28 0.00	26.92 -0.86 0.00	24.52 -0.35 0.00
KEDC_PORT_JEFF_GT2 24210	23.21 2.34 0.00	20.30 1.79 -0.07	18.72 1.73 -0.23	17.55 1.38 -0.31	17.99 1.45 -0.24	19.47 1.70 -0.26	22.33 1.96 0.00	24.33 2.41 0.00	25.31 2.75 0.00	25.58 2.98 0.00	31.74 3.09 -4.33	32.59 3.11 -4.99	33.82 3.13 -5.61	35.71 3.20 -5.83	47.44 3.43 -16.37	51.29 3.73 -17.71	47.54 4.51 -6.62	49.85 4.90 -5.78	53.29 4.77 -8.45	44.97 4.60 -2.01	40.55 3.70 -1.64	35.68 3.61 -0.09	31.80 3.36 -0.66	29.75 2.96 -1.92
KEDC_PORT_JEFF_GT3 24211	23.21 2.34 0.00	20.30 1.79 -0.07	18.72 1.73 -0.23	17.55 1.38 -0.31	17.99 1.45 -0.24	19.47 1.70 -0.26	22.33 1.96 0.00	24.33 2.41 0.00	25.31 2.75 0.00	25.58 2.98 0.00	31.74 3.09 -4.33	32.59 3.11 -4.99	33.82 3.13 -5.61	35.71 3.20 -5.83	47.44 3.43 -16.37	51.29 3.73 -17.71	47.54 4.51 -6.62	49.85 4.90 -5.78	53.29 4.77 -8.45	44.97 4.60 -2.01	40.55 3.70 -1.64	35.68 3.61 -0.09	31.80 3.36 -0.66	29.75 2.96 -1.92
KEDC_GLWD_GT4 24219	22.73 1.86 0.00	19.99 1.48 -0.07	18.41 1.42 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.15 1.38 -0.26	22.01 1.63 0.00	23.89 1.97 0.00	24.82 2.26 0.00	25.02 2.42 0.00	31.28 2.63 -4.33	32.17 2.69 -4.99	33.42 2.73 -5.61	35.39 2.88 -5.83	46.86 2.85 -16.37	50.60 3.05 -17.71	47.10 4.08 -6.62	49.29 4.35 -5.76	52.72 4.21 -8.44	44.27 3.91 -2.00	40.13 3.28 -1.64	35.41 3.26 -0.17	31.19 2.75 -0.66	29.13 2.34 -1.92
KEDC_GLWD_GT5 24220	22.73 1.86 0.00	19.99 1.48 -0.07	18.41 1.42 -0.23	17.36 1.19 -0.31	17.77 1.24 -0.24	19.15 1.38 -0.26	22.01 1.63 0.00	23.89 1.97 0.00	24.82 2.26 0.00	25.02 2.42 0.00	31.28 2.63 -4.33	32.17 2.69 -4.99	33.42 2.73 -5.61	35.39 2.88 -5.83	46.86 2.85 -16.37	50.60 3.05 -17.71	47.10 4.08 -6.62	49.29 4.35 -5.76	52.72 4.21 -8.44	44.27 3.91 -2.00	40.13 3.28 -1.64	35.41 3.26 -0.17	31.19 2.75 -0.66	29.13 2.34 -1.92

KENSICO____ 23655	22.39 1.52 0.00	19.79 1.27 -0.07	18.23 1.24 -0.23	17.23 1.06 -0.31	17.68 1.14 -0.24	18.96 1.19 -0.26	21.80 1.43 0.00	23.65 1.73 0.00	24.50 1.94 0.00	24.61 2.01 0.00	26.56 2.24 0.00	26.77 2.28 0.00	27.41 2.33 0.00	29.08 2.40 0.00	30.16 2.52 0.00	32.53 2.69 0.00	39.97 3.57 0.00	43.06 3.88 0.00	43.80 3.73 0.00	41.81 3.45 0.00	39.91 3.06 -1.63	34.66 2.69 0.00	30.00 2.22 0.00	26.78 1.91 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.25 1.38 0.00	19.61 1.07 -0.09	18.08 1.02 -0.30	17.14 0.87 -0.40	17.54 0.93 -0.32	18.85 1.00 -0.34	21.62 1.24 0.00	23.43 1.51 0.00	24.26 1.69 0.00	24.30 1.70 0.00	26.22 1.90 0.00	26.43 1.93 0.00	27.08 2.01 0.00	28.60 1.92 0.00	29.72 2.07 0.00	32.09 2.24 0.00	39.50 3.09 0.00	42.59 3.41 0.00	43.40 3.33 0.00	41.46 3.11 0.00	39.74 2.75 -1.77	34.56 2.59 0.00	29.89 2.11 0.00	26.63 1.77 0.00
KIAC_JFK_GT1 23816	22.56 1.69 0.00	19.88 1.37 -0.07	18.33 1.34 -0.23	17.33 1.16 -0.31	17.76 1.22 -0.24	19.03 1.26 -0.26	21.92 1.55 0.00	23.89 1.97 0.00	24.77 2.21 0.00	24.95 2.31 -0.04	27.17 2.51 -0.34	28.75 2.50 -1.76	31.34 2.56 -3.71	35.17 2.48 -6.01	35.24 2.63 -4.97	36.52 2.84 -3.83	40.71 3.86 -0.45	43.29 4.11 0.00	44.00 3.93 0.00	41.96 3.61 0.00	40.02 3.17 -1.64	34.72 2.75 0.00	30.36 2.58 0.00	27.03 2.16 0.00
KIAC_JFK_GT2 23817	22.56 1.69 0.00	19.88 1.37 -0.07	18.33 1.34 -0.23	17.33 1.16 -0.31	17.76 1.22 -0.24	19.03 1.26 -0.26	21.92 1.55 0.00	23.89 1.97 0.00	24.77 2.21 0.00	24.95 2.31 -0.04	27.17 2.51 -0.34	28.75 2.50 -1.76	31.34 2.56 -3.71	35.17 2.48 -6.01	35.24 2.63 -4.97	36.52 2.84 -3.83	40.71 3.86 -0.45	43.29 4.11 0.00	44.00 3.93 0.00	41.96 3.61 0.00	40.02 3.17 -1.64	34.72 2.75 0.00	30.36 2.58 0.00	27.03 2.16 0.00
KIAC_JFK____ 323774	22.56 1.69 0.00	19.88 1.37 -0.07	18.33 1.34 -0.23	17.33 1.16 -0.31	17.72 1.19 -0.24	19.03 1.26 -0.26	21.92 1.55 0.00	23.84 1.93 0.00	24.78 2.21 0.00	25.01 2.37 -0.04	27.15 2.48 -0.34	28.75 2.50 -1.76	31.32 2.53 -3.71	35.17 2.48 -6.01	35.24 2.63 -4.97	36.55 2.87 -3.83	40.75 3.90 -0.45	43.29 4.11 0.00	44.00 3.93 0.00	41.96 3.60 0.00	39.95 3.10 -1.64	34.72 2.75 0.00	30.39 2.61 0.00	27.03 2.16 0.00
KINTIGH____ 23543	19.60 -1.27 0.00	17.31 -1.14 0.00	15.65 -1.11 0.00	14.83 -1.03 0.00	15.27 -1.03 0.00	16.47 -1.03 0.00	19.21 -1.16 0.00	20.99 -0.92 0.00	21.64 -0.93 0.00	21.79 -0.81 0.00	23.32 -1.00 0.00	23.46 -1.03 0.00	23.90 -1.18 0.00	25.50 -1.17 0.00	26.37 -1.27 0.00	28.53 -1.31 0.00	34.48 -1.93 0.00	37.02 -2.15 0.00	38.03 -2.04 0.00	36.28 -2.07 0.00	33.49 -1.73 0.00	30.12 -1.85 0.00	26.70 -1.08 0.00	24.00 -0.87 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.58 -0.29 0.00	18.15 -0.30 0.00	16.34 -0.42 0.00	15.66 -0.21 0.00	15.97 -0.33 0.00	17.26 -0.25 0.00	20.21 -0.16 0.00	21.83 -0.09 0.00	21.89 -0.68 0.00	21.99 -0.61 0.00	23.59 -0.73 0.00	23.63 -0.86 0.01	21.76 -0.95 2.36	16.61 -1.04 9.03	15.69 -1.11 10.85	15.77 -1.13 12.94	15.46 -1.35 19.60	15.60 -1.29 22.29	18.32 -0.92 20.83	15.62 -1.15 21.59	15.53 -1.16 18.52	15.39 -1.18 15.40	15.09 -1.33 11.36	15.21 -1.24 8.41
LACHUTE__HYDRO 323717	23.21 2.34 0.00	21.28 2.12 -0.71	21.13 1.84 -2.53	20.90 1.70 -3.33	20.69 1.76 -2.64	22.30 1.93 -2.87	22.64 2.26 0.00	24.33 2.41 0.00	25.22 2.66 0.00	25.02 2.42 0.00	26.36 2.04 0.00	26.77 2.28 0.00	27.46 2.38 0.00	29.13 2.45 0.00	30.32 2.68 0.00	32.92 3.07 0.00	40.26 3.86 0.00	43.60 4.43 0.00	45.00 4.93 0.00	42.73 4.37 0.00	47.63 4.26 -8.15	35.68 3.71 0.00	31.03 3.25 0.00	27.48 2.61 0.00
LAWRNCV_115KV_TB1 80681	20.10 -0.77 0.00	17.79 -0.66 0.00	16.09 -0.67 0.00	15.64 -0.22 0.00	15.82 -0.47 0.00	16.91 -0.60 0.00	19.74 -0.63 0.00	21.24 -0.68 0.00	21.71 -0.86 0.00	21.70 -0.90 0.00	23.30 -1.02 0.00	23.43 -1.05 0.01	21.93 -1.15 1.99	17.77 -1.28 7.63	17.10 -1.38 9.16	17.42 -1.49 10.93	18.03 -1.82 16.56	18.23 -2.12 18.83	20.31 -2.16 17.59	18.24 -1.88 18.24	17.91 -1.66 15.65	17.62 -1.34 13.01	17.27 -0.92 9.60	16.99 -0.77 7.10
LEDERLE____ 23769	22.37 1.50 0.00	19.77 1.25 -0.06	18.17 1.19 -0.22	17.19 1.03 -0.29	17.63 1.11 -0.23	18.91 1.16 -0.25	21.76 1.39 0.00	23.60 1.69 0.00	24.48 1.92 0.00	24.57 1.97 0.00	26.51 2.19 0.00	26.70 2.20 0.00	27.34 2.26 0.00	29.02 2.35 0.00	30.13 2.49 0.00	32.50 2.66 0.00	39.94 3.53 0.00	43.06 3.88 0.00	43.80 3.73 0.00	41.81 3.45 0.00	39.83 3.06 -1.55	34.59 2.62 0.00	29.95 2.17 0.00	26.73 1.86 0.00
LIGHTRSE_115KV_TB6 355974	20.70 -0.17 0.00	18.30 -0.15 0.00	16.61 -0.15 0.00	15.71 -0.16 0.00	16.16 -0.13 0.00	17.42 -0.09 0.00	20.29 -0.08 0.00	21.76 -0.15 0.00	22.34 -0.23 0.00	22.40 -0.20 0.00	24.39 -0.27 -0.33	24.60 -0.24 -0.35	25.08 -0.25 -0.26	26.62 -0.16 -0.11	27.63 -0.19 -0.18	30.07 -0.27 -0.49	37.24 -0.47 -1.31	40.39 -0.47 -1.68	41.77 -0.24 -1.94	39.75 -0.12 -1.51	36.23 -0.07 -1.08	32.49 -0.19 -0.71	27.87 -0.03 -0.11	24.56 -0.12 0.18
LINDEN COGEN____ 23786	22.48 1.61 0.00	19.81 1.29 -0.07	18.26 1.27 -0.23	17.27 1.09 -0.31	17.66 1.12 -0.24	18.96 1.19 -0.26	21.82 1.45 0.00	23.67 1.75 0.00	24.59 2.03 0.00	24.81 2.17 -0.04	27.02 2.36 -0.34	28.68 2.43 -1.76	31.24 2.46 -3.71	35.22 2.54 -6.01	35.29 2.68 -4.97	36.52 2.84 -3.83	37.47 3.75 2.69	38.75 3.96 4.38	37.47 3.77 6.37	37.43 3.45 4.38	37.17 3.03 1.08	34.75 2.78 0.00	30.14 2.36 0.00	26.83 1.96 0.00
LINDHRST_69_KV_BK1 356055	23.23 2.36 0.00	20.34 1.83 -0.07	18.73 1.74 -0.23	17.60 1.43 -0.31	18.05 1.52 -0.24	19.48 1.72 -0.26	22.37 2.00 0.00	24.41 2.50 0.00	25.36 2.80 0.00	25.58 2.98 0.00	31.79 3.14 -4.33	32.64 3.16 -4.99	33.92 3.24 -5.61	35.84 3.33 -5.83	47.60 3.59 -16.37	51.44 3.88 -17.71	48.02 4.99 -6.62	50.35 5.41 -5.76	53.80 5.29 -8.44	45.34 4.99 -2.00	41.01 4.16 -1.64	35.96 3.87 -0.12	31.83 3.39 -0.66	29.77 2.98 -1.92
LIPA_MISC_IPP 23656	23.17 2.30 0.00	20.27 1.75 -0.07	18.68 1.69 -0.23	17.54 1.36 -0.31	18.00 1.47 -0.24	19.45 1.68 -0.26	22.33 1.96 0.00	24.37 2.45 0.00	25.32 2.75 0.00	25.56 2.96 0.00	31.71 3.06 -4.33	32.59 3.11 -4.99	33.82 3.13 -5.61	35.74 3.23 -5.83	47.49 3.48 -16.37	51.35 3.79 -17.71	47.80 4.77 -6.62	50.16 5.21 -5.77	53.61 5.09 -8.45	45.16 4.79 -2.01	40.69 3.84 -1.64	35.71 3.64 -0.09	31.72 3.28 -0.66	29.70 2.91 -1.92
LISF__SOLAR 323691	23.21 2.34 0.00	20.30 1.79 -0.07	18.72 1.73 -0.23	17.55 1.38 -0.31	17.99 1.45 -0.24	19.49 1.72 -0.26	22.37 2.00 0.00	24.35 2.43 0.00	25.34 2.77 0.00	25.61 3.01 0.00	31.76 3.11 -4.33	32.64 3.16 -4.99	33.87 3.19 -5.61	35.79 3.28 -5.83	47.58 3.57 -16.37	51.41 3.85 -17.71	47.94 4.91 -6.62	50.32 5.37 -5.77	53.77 5.25 -8.45	45.32 4.95 -2.01	40.69 3.84 -1.64	35.80 3.74 -0.09	31.83 3.39 -0.66	29.77 2.98 -1.92

LITTLE FALLS___HYD 24013	21.25 0.38 0.00	18.80 0.35 0.00	17.06 0.30 0.00	16.12 0.25 0.00	16.59 0.29 0.00	17.82 0.32 0.00	20.76 0.39 0.00	22.31 0.39 0.00	22.97 0.41 0.00	23.01 0.41 0.00	24.76 0.44 0.00	24.91 0.42 0.00	25.65 0.45 -0.12	27.61 0.48 -0.45	28.63 0.44 -0.54	30.88 0.39 -0.65	37.90 0.51 -0.98	40.88 0.59 -1.12	41.75 0.64 -1.04	40.05 0.61 -1.08	36.64 0.49 -0.93	33.09 0.35 -0.77	28.68 0.33 -0.57	25.56 0.27 -0.42
LITTLRIV_115KV_TB1 356100	20.22 -0.65 0.00	17.91 -0.54 0.00	16.20 -0.55 0.00	15.74 -0.13 0.00	15.95 -0.34 0.00	17.05 -0.46 0.00	19.95 -0.43 0.00	21.43 -0.48 0.00	21.91 -0.65 0.00	21.88 -0.72 0.00	23.49 -0.83 0.00	23.60 -0.88 0.01	22.23 -0.90 1.95	18.20 -1.01 7.46	17.58 -1.11 8.96	17.96 -1.19 10.69	18.72 -1.49 16.19	19.00 -1.76 18.41	21.14 -1.72 17.20	19.11 -1.42 17.83	18.68 -1.23 15.30	18.29 -0.96 12.72	17.73 -0.67 9.38	17.37 -0.55 6.95
LI_NEWBRDGE___DRP 323616	22.75 1.88 0.00	19.95 1.44 -0.07	18.38 1.39 -0.23	17.28 1.11 -0.31	17.73 1.19 -0.24	19.12 1.35 -0.26	21.95 1.57 0.00	23.91 1.99 0.00	24.82 2.26 0.00	25.02 2.42 0.00	31.20 2.55 -4.33	32.05 2.57 -4.99	33.30 2.61 -5.61	35.20 2.69 -5.83	46.88 2.87 -16.37	50.63 3.07 -17.71	47.03 4.00 -6.62	49.25 4.31 -5.76	52.68 4.17 -8.44	44.27 3.91 -2.00	40.13 3.28 -1.64	35.08 3.04 -0.08	31.11 2.67 -0.66	29.13 2.34 -1.92
LOCKPORT_115KV_TB60_63_64 80432	19.56 -1.31 0.00	17.27 -1.18 0.00	15.60 -1.16 0.00	14.80 -1.06 0.00	15.23 -1.06 0.00	16.44 -1.07 0.00	19.17 -1.20 0.00	21.02 -0.90 0.00	21.66 -0.90 0.00	21.85 -0.75 0.00	23.42 -0.90 0.00	23.51 -0.98 0.00	23.95 -1.13 0.00	25.58 -1.09 0.00	26.45 -1.19 0.00	28.62 -1.22 0.00	34.56 -1.86 -0.01	37.11 -2.08 -0.01	38.15 -1.92 -0.01	36.33 -2.03 -0.01	33.57 -1.66 -0.01	30.12 -1.85 0.00	26.75 -1.03 0.00	24.14 -0.72 0.00
LOCKPORT___CC1 323769	19.56 -1.31 0.00	17.27 -1.18 0.00	15.60 -1.16 0.00	14.79 -1.08 0.00	15.15 -1.14 0.00	16.44 -1.07 0.00	19.13 -1.24 0.00	20.80 -1.12 0.00	21.64 -0.93 0.00	21.61 -0.99 0.00	23.54 -0.78 0.00	23.51 -0.98 0.00	24.07 -1.00 0.00	25.56 -1.12 0.00	26.29 -1.35 0.00	28.59 -1.25 0.00	34.45 -1.97 -0.01	37.03 -2.15 -0.01	38.07 -2.00 -0.01	36.29 -2.07 -0.01	33.54 -1.69 -0.01	30.08 -1.89 0.00	26.45 -1.33 0.00	24.12 -0.75 0.00
LOCKPORT___CC2 323770	19.56 -1.31 0.00	17.27 -1.18 0.00	15.60 -1.16 0.00	14.79 -1.08 0.00	15.15 -1.14 0.00	16.44 -1.07 0.00	19.13 -1.24 0.00	20.80 -1.12 0.00	21.64 -0.93 0.00	21.61 -0.99 0.00	23.54 -0.78 0.00	23.51 -0.98 0.00	24.07 -1.00 0.00	25.56 -1.12 0.00	26.29 -1.35 0.00	28.59 -1.25 0.00	34.45 -1.97 -0.01	37.03 -2.15 -0.01	38.07 -2.00 -0.01	36.29 -2.07 -0.01	33.54 -1.69 -0.01	30.08 -1.89 0.00	26.45 -1.33 0.00	24.12 -0.75 0.00
LOCKPORT___CC3 323771	19.56 -1.31 0.00	17.27 -1.18 0.00	15.60 -1.16 0.00	14.79 -1.08 0.00	15.15 -1.14 0.00	16.44 -1.07 0.00	19.13 -1.24 0.00	20.80 -1.12 0.00	21.64 -0.93 0.00	21.61 -0.99 0.00	23.54 -0.78 0.00	23.51 -0.98 0.00	24.07 -1.00 0.00	25.56 -1.12 0.00	26.29 -1.35 0.00	28.59 -1.25 0.00	34.45 -1.97 -0.01	37.03 -2.15 -0.01	38.07 -2.00 -0.01	36.29 -2.07 -0.01	33.54 -1.69 -0.01	30.08 -1.89 0.00	26.45 -1.33 0.00	24.12 -0.75 0.00
LONG_LAKE_PHOENIX 24014	20.64 -0.23 0.00	18.23 -0.22 0.00	16.56 -0.20 0.00	15.64 -0.22 0.00	16.10 -0.20 0.00	17.33 -0.18 0.00	20.15 -0.22 0.00	21.63 -0.28 0.00	22.22 -0.34 0.00	22.33 -0.27 0.00	24.45 -0.34 -0.47	24.67 -0.32 -0.50	25.36 -0.33 -0.61	27.51 -0.27 -1.10	28.79 -0.25 -1.40	31.60 -0.30 -2.05	39.92 -0.40 -3.91	43.43 -0.47 -4.72	44.68 -0.32 -4.93	42.46 -0.31 -4.41	38.41 -0.28 -3.48	34.24 -0.35 -2.62	28.91 -0.22 -1.35	25.22 -0.27 -0.63
LOVETT___3 23632	22.27 1.40 0.00	19.69 1.18 -0.06	18.10 1.12 -0.22	17.12 0.97 -0.29	17.57 1.04 -0.23	18.84 1.09 -0.25	21.68 1.30 0.00	23.51 1.60 0.00	24.35 1.78 0.00	24.43 1.83 0.00	26.36 2.04 0.00	26.55 2.06 0.00	27.16 2.08 0.00	28.84 2.16 0.00	29.91 2.27 0.00	32.26 2.42 0.00	39.65 3.24 0.00	42.70 3.53 0.00	43.44 3.37 0.00	41.46 3.11 0.00	39.52 2.75 -1.56	34.37 2.40 0.00	29.78 2.00 0.00	26.61 1.74 0.00
LOVETT___4 23642	22.27 1.40 0.00	19.69 1.18 -0.06	18.10 1.12 -0.22	17.12 0.97 -0.29	17.57 1.04 -0.23	18.84 1.09 -0.25	21.68 1.30 0.00	23.51 1.60 0.00	24.35 1.78 0.00	24.43 1.83 0.00	26.36 2.04 0.00	26.55 2.06 0.00	27.16 2.08 0.00	28.84 2.16 0.00	29.91 2.27 0.00	32.26 2.42 0.00	39.65 3.24 0.00	42.70 3.53 0.00	43.44 3.37 0.00	41.46 3.11 0.00	39.52 2.75 -1.56	34.37 2.40 0.00	29.78 2.00 0.00	26.61 1.74 0.00
LOVETT___5 23593	22.27 1.40 0.00	19.69 1.18 -0.06	18.10 1.12 -0.22	17.12 0.97 -0.29	17.57 1.04 -0.23	18.84 1.09 -0.25	21.68 1.30 0.00	23.51 1.60 0.00	24.35 1.78 0.00	24.43 1.83 0.00	26.36 2.04 0.00	26.55 2.06 0.00	27.16 2.08 0.00	28.84 2.16 0.00	29.91 2.27 0.00	32.26 2.42 0.00	39.65 3.24 0.00	42.70 3.53 0.00	43.44 3.37 0.00	41.46 3.11 0.00	39.52 2.75 -1.56	34.37 2.40 0.00	29.78 2.00 0.00	26.61 1.74 0.00
LOWER RAQUET___HYD 24057	20.08 -0.79 0.00	17.79 -0.66 0.00	16.09 -0.67 0.00	15.63 -0.24 0.00	16.03 -0.26 0.00	16.91 -0.60 0.00	19.72 -0.65 0.00	21.26 -0.66 0.00	21.71 -0.86 0.00	21.72 -0.88 0.00	23.30 -1.02 0.00	23.43 -1.05 0.01	21.99 -1.18 1.91	18.04 -1.33 7.30	17.41 -1.47 8.77	17.80 -1.58 10.46	18.63 -1.93 15.85	18.93 -2.23 18.02	20.95 -2.28 16.84	18.91 -2.00 17.45	18.48 -1.76 14.97	18.08 -1.44 12.45	17.62 -0.97 9.18	17.27 -0.80 6.80
LOWER___HUDSON 24059	21.98 1.11 0.00	20.11 1.03 -0.62	19.94 0.97 -2.21	19.67 0.89 -2.92	19.53 0.93 -2.31	21.02 1.00 -2.51	21.56 1.18 0.00	23.12 1.20 0.00	23.80 1.24 0.00	23.66 1.06 0.00	25.39 1.07 0.00	25.64 1.15 0.00	26.23 1.15 0.00	27.90 1.23 0.00	28.94 1.30 0.00	31.28 1.43 0.00	38.37 1.96 0.00	41.45 2.27 0.00	42.39 2.32 0.00	40.58 2.22 0.00	44.62 2.11 -7.29	33.79 1.82 0.00	29.39 1.61 0.00	26.18 1.32 0.00
LOWVILLE_115KV_TB2 356335	21.06 0.19 0.00	18.65 0.20 0.00	16.91 0.15 0.00	16.06 0.19 0.00	16.50 0.21 0.00	17.77 0.26 0.00	20.74 0.37 0.00	22.27 0.35 0.00	22.83 0.27 0.00	22.78 0.18 0.00	24.54 0.12 -0.10	24.74 0.15 -0.10	24.74 0.00 0.34	25.19 0.08 1.56	25.86 0.08 1.86	27.76 0.06 2.14	33.40 0.07 3.08	35.96 0.24 3.45	37.40 0.44 3.12	35.67 0.69 3.37	32.96 0.70 2.96	29.90 0.45 2.52	26.11 0.31 1.97	23.50 0.17 1.54
LUTHERFT_115KV_GLOB_FND_222 355753	22.14 1.27 0.00	20.32 1.16 -0.70	20.32 1.06 -2.50	20.14 0.97 -3.30	19.92 1.01 -2.62	21.43 1.09 -2.84	21.48 1.10 0.00	23.08 1.16 0.00	23.80 1.24 0.00	23.69 1.08 0.00	25.51 1.19 0.00	25.79 1.30 0.00	26.41 1.33 0.00	28.06 1.39 0.00	29.13 1.49 0.00	31.52 1.67 0.00	38.59 2.18 0.00	41.68 2.51 0.00	42.76 2.68 0.00	40.85 2.49 0.00	45.70 2.39 -8.09	34.02 2.05 0.00	29.56 1.78 0.00	26.33 1.47 0.00

LUTHERNY_35_KV_BK2 355980	22.16 1.29 0.00	20.34 1.18 -0.70	20.33 1.07 -2.50	20.14 0.97 -3.30	19.93 1.03 -2.62	21.43 1.09 -2.84	21.48 1.10 0.00	23.08 1.16 0.00	23.80 1.24 0.00	23.69 1.08 0.00	25.51 1.19 0.00	25.79 1.30 0.00	26.43 1.35 0.00	28.06 1.39 0.00	29.13 1.49 0.00	31.55 1.70 0.00	38.63 2.22 0.00	41.72 2.55 0.00	42.80 2.72 0.00	40.89 2.53 0.00	45.73 2.43 -8.09	34.02 2.05 0.00	29.59 1.81 0.00	26.33 1.47 0.00
LWR___OSWEGATCHIE_HYD 23850	20.47 -0.40 0.00	18.14 -0.31 0.00	16.42 -0.34 0.00	15.77 -0.10 0.00	16.10 -0.20 0.00	17.26 -0.25 0.00	20.17 -0.20 0.00	21.65 -0.26 0.00	22.16 -0.41 0.00	22.15 -0.45 0.00	23.85 -0.56 -0.08	24.01 -0.56 -0.09	23.24 -0.68 1.16	21.31 -0.72 4.64	21.27 -0.80 5.57	22.41 -0.87 6.57	25.54 -1.06 9.81	26.90 -1.18 11.10	28.75 -1.04 10.28	26.80 -0.77 10.78	25.27 -0.63 9.31	23.61 -0.58 7.79	21.51 -0.42 5.85	20.10 -0.37 4.40
LYONS_FALL_HYD 23570	21.18 0.31 0.00	18.74 0.29 0.00	17.01 0.25 0.00	16.12 0.25 0.00	16.60 0.31 0.00	17.84 0.33 0.00	20.82 0.45 0.00	22.38 0.46 0.00	22.97 0.41 0.00	22.94 0.34 0.00	24.73 0.34 -0.07	24.91 0.34 -0.07	25.18 0.28 0.17	26.23 0.40 0.85	27.02 0.39 1.01	29.12 0.42 1.15	35.34 0.55 1.62	38.09 0.71 1.80	39.39 0.92 1.60	37.66 1.07 1.77	34.68 1.02 1.56	31.40 0.77 1.34	27.26 0.56 1.07	24.44 0.42 0.85
MADISON___COUNTY_LFGE 323628	21.39 0.52 0.00	18.93 0.48 0.00	17.18 0.42 0.00	16.21 0.35 0.00	16.72 0.42 0.00	17.99 0.49 0.00	20.99 0.61 0.00	22.57 0.66 0.00	23.19 0.63 0.00	23.21 0.61 0.00	25.05 0.66 -0.07	25.23 0.66 -0.08	25.90 0.73 -0.09	27.72 0.88 -0.17	28.74 0.88 -0.21	31.11 0.96 -0.31	38.23 1.24 -0.59	41.34 1.45 -0.71	42.49 1.68 -0.74	40.74 1.73 -0.66	37.32 1.58 -0.52	33.64 1.28 -0.39	29.01 1.03 -0.20	25.78 0.82 -0.10
MALONE___115KV_TB1 356076	20.37 -0.50 0.00	18.01 -0.44 0.00	16.24 -0.52 0.00	15.63 -0.24 0.00	15.90 -0.39 0.00	17.12 -0.39 0.00	20.03 -0.35 0.00	21.59 -0.33 0.00	21.93 -0.63 0.00	21.97 -0.63 0.00	23.59 -0.73 0.00	23.65 -0.83 0.01	21.95 -0.90 2.22	17.18 -0.99 8.51	16.40 -1.02 10.22	16.57 -1.07 12.20	16.62 -1.31 18.47	16.80 -1.37 21.00	19.12 -1.32 19.63	16.63 -1.38 20.34	16.46 -1.30 17.45	16.24 -1.21 14.51	15.91 -1.17 10.71	15.90 -1.04 7.92
MAPLEWOD_115KV_TB3 80458	21.87 1.00 0.00	20.00 1.03 -0.52	19.56 0.97 -1.83	19.16 0.87 -2.42	19.12 0.91 -1.92	20.55 0.96 -2.08	21.50 1.12 0.00	23.01 1.10 0.00	23.69 1.13 0.00	23.53 0.93 0.00	25.37 1.05 0.00	25.62 1.13 0.00	26.21 1.13 0.00	27.82 1.15 0.00	28.86 1.22 0.00	31.22 1.37 0.00	38.34 1.93 0.00	41.41 2.23 0.00	42.35 2.28 0.00	40.58 2.22 0.00	43.54 2.08 -6.25	33.76 1.79 0.00	29.28 1.50 0.00	26.13 1.27 0.00
MAPLE_RIDGE_WT_1 323574	20.31 -0.56 0.00	17.91 -0.54 0.00	16.20 -0.55 0.00	15.37 -0.49 0.00	15.74 -0.55 0.00	16.82 -0.68 0.00	19.58 -0.80 0.00	21.06 -0.86 0.00	21.68 -0.88 0.00	21.81 -0.79 0.00	23.49 -0.83 0.00	23.62 -0.86 0.01	20.41 -0.95 3.71	11.38 -1.09 14.20	9.43 -1.16 17.05	8.21 -1.28 20.35	3.99 -1.60 30.82	2.41 -1.72 35.04	5.56 -1.76 32.75	2.69 -1.73 33.94	4.48 -1.62 29.12	6.35 -1.41 24.22	8.67 -1.25 17.86	10.55 -1.09 13.22
MAPLE_RIDGE_WT_2 323611	20.31 -0.56 0.00	17.91 -0.54 0.00	16.20 -0.55 0.00	15.37 -0.49 0.00	15.74 -0.55 0.00	16.82 -0.68 0.00	19.58 -0.80 0.00	21.06 -0.86 0.00	21.68 -0.88 0.00	21.81 -0.79 0.00	23.49 -0.83 0.00	23.62 -0.86 0.01	20.41 -0.95 3.71	11.38 -1.09 14.20	9.43 -1.16 17.05	8.21 -1.28 20.35	3.99 -1.60 30.82	2.41 -1.72 35.04	5.56 -1.76 32.75	2.69 -1.73 33.94	4.48 -1.62 29.12	6.35 -1.41 24.22	8.67 -1.25 17.86	10.55 -1.09 13.22
MARBLE_RIVER_WT_PWR 323696	20.41 -0.46 0.00	18.01 -0.44 0.00	16.24 -0.52 0.00	15.55 -0.32 0.00	15.93 -0.36 0.00	17.10 -0.40 0.00	19.93 -0.45 0.00	21.56 -0.35 0.00	21.80 -0.77 0.00	21.90 -0.70 0.00	23.52 -0.80 0.00	23.58 -0.91 0.01	21.67 -1.03 2.38	16.44 -1.15 9.09	15.51 -1.22 10.92	15.51 -1.31 13.03	15.04 -1.64 19.73	14.98 -1.76 22.43	17.55 -1.56 20.96	14.94 -1.69 21.73	14.96 -1.62 18.64	14.97 -1.50 15.50	14.85 -1.50 11.43	15.04 -1.37 8.46
MARSHVLE_115KV_TB1 80742	22.35 1.48 0.00	20.32 1.31 -0.56	19.87 1.14 -1.97	19.50 1.03 -2.60	19.46 1.11 -2.06	20.99 1.24 -2.24	21.70 1.32 0.00	23.25 1.34 0.00	23.92 1.35 0.00	23.82 1.22 0.00	25.59 1.26 0.00	25.76 1.27 0.00	26.53 1.45 0.00	28.28 1.60 0.00	29.36 1.71 0.00	31.91 2.06 0.00	38.77 2.37 0.00	42.19 3.02 0.00	44.04 3.97 0.00	42.31 3.95 0.00	45.25 3.59 -6.45	34.94 2.97 0.00	30.39 2.61 0.00	26.98 2.11 0.00
MARSH_HILL_WT_PWR 323713	20.54 -0.33 0.00	18.08 -0.37 0.00	16.30 -0.45 0.00	15.39 -0.48 0.00	15.77 -0.52 0.00	17.10 -0.40 0.00	19.99 -0.39 0.00	21.70 -0.22 0.00	22.47 -0.09 0.00	22.58 -0.02 0.00	24.47 0.15 0.00	24.49 0.00 0.00	25.05 -0.03 0.00	26.70 0.03 0.00	27.56 -0.08 0.00	29.79 -0.06 0.00	36.08 -0.33 0.00	38.95 -0.23 0.00	40.11 0.04 0.00	38.20 -0.15 0.00	35.31 -0.21 -0.31	31.30 -0.67 0.00	27.25 -0.53 0.00	24.44 -0.42 0.00
MCINTYRE_115KV_TB2 80467	20.29 -0.58 0.00	17.99 -0.46 0.00	16.27 -0.49 0.00	15.80 -0.06 0.00	16.02 -0.28 0.00	17.12 -0.39 0.00	20.01 -0.37 0.00	21.50 -0.42 0.00	21.98 -0.59 0.00	21.92 -0.68 0.00	23.52 -0.80 0.00	23.65 -0.83 0.01	22.23 -0.83 2.02	18.08 -0.88 7.71	17.46 -0.91 9.27	17.80 -0.98 11.06	18.42 -1.24 16.75	18.69 -1.45 19.04	20.88 -1.40 17.79	18.80 -1.11 18.44	18.48 -0.92 15.82	18.11 -0.70 13.16	17.58 -0.50 9.71	17.26 -0.42 7.18
MECO_____69_KV_BK1 80468	22.92 2.05 0.00	20.90 1.83 -0.63	20.54 1.56 -2.23	20.23 1.43 -2.94	20.13 1.52 -2.33	21.71 1.68 -2.53	22.27 1.89 0.00	23.93 2.02 0.00	24.80 2.23 0.00	24.63 2.03 0.00	26.49 2.16 0.00	26.77 2.28 0.00	27.54 2.46 0.00	29.26 2.59 0.00	30.43 2.79 0.00	33.19 3.34 0.00	40.59 4.19 0.00	44.23 5.05 0.00	46.00 5.93 0.00	43.99 5.64 0.00	47.50 5.07 -7.21	36.19 4.22 0.00	31.36 3.58 0.00	27.77 2.91 0.00
MENANDS___115KV_TB5 355628	21.79 0.92 0.00	19.91 0.96 -0.50	19.45 0.92 -1.77	19.02 0.82 -2.33	19.00 0.86 -1.85	20.42 0.91 -2.01	21.44 1.06 0.00	22.90 0.99 0.00	23.60 1.04 0.00	23.41 0.81 0.00	25.27 0.95 0.00	25.50 1.00 0.00	26.08 1.00 0.00	27.69 1.01 0.00	28.72 1.08 0.00	31.04 1.19 0.00	38.12 1.71 0.00	41.18 2.00 0.00	42.11 2.04 0.00	40.35 1.99 0.00	43.15 1.87 -6.07	33.57 1.60 0.00	29.14 1.36 0.00	26.03 1.17 0.00
MG INDUSTRY___DRP 24185	21.60 0.73 0.00	19.51 0.76 -0.30	18.52 0.70 -1.06	17.90 0.63 -1.40	18.05 0.65 -1.11	19.39 0.68 -1.21	21.17 0.79 0.00	22.66 0.75 0.00	23.29 0.72 0.00	23.17 0.57 0.00	24.93 0.61 0.00	25.13 0.64 0.00	25.73 0.65 0.00	27.32 0.64 0.00	28.36 0.72 0.00	30.68 0.84 0.00	37.68 1.27 0.00	40.67 1.49 0.00	41.67 1.60 0.00	39.93 1.57 0.00	40.82 1.48 -4.13	33.25 1.28 0.00	28.84 1.06 0.00	25.76 0.90 0.00

MID___OSWEGATCHIE_HYD 23849	20.47 -0.40 0.00	18.14 -0.31 0.00	16.42 -0.34 0.00	15.77 -0.10 0.00	16.10 -0.20 0.00	17.26 -0.25 0.00	20.17 -0.20 0.00	21.65 -0.26 0.00	22.16 -0.41 0.00	22.15 -0.45 0.00	23.85 -0.56 -0.08	24.01 -0.56 -0.09	23.24 -0.68 1.16	21.31 -0.72 4.64	21.27 -0.80 5.57	22.41 -0.87 6.57	25.54 -1.06 9.81	26.90 -1.18 11.10	28.75 -1.04 10.28	26.80 -0.77 10.78	25.27 -0.63 9.31	23.61 -0.58 7.79	21.51 -0.42 5.85	20.10 -0.37 4.40
MID___RAQUETTE_HYD 23851	20.08 -0.79 0.00	17.79 -0.66 0.00	16.09 -0.67 0.00	15.63 -0.24 0.00	15.82 -0.47 0.00	16.91 -0.60 0.00	19.77 -0.61 0.00	21.24 -0.68 0.00	21.71 -0.86 0.00	21.70 -0.90 0.00	23.30 -1.02 0.00	23.41 -1.08 0.01	21.99 -1.18 1.91	18.04 -1.33 7.30	17.41 -1.47 8.77	17.80 -1.58 10.46	18.63 -1.93 15.85	18.93 -2.23 18.02	20.95 -2.28 16.84	18.91 -1.99 17.45	18.48 -1.76 14.97	18.11 -1.41 12.45	17.62 -0.97 9.18	17.27 -0.80 6.80
MILLIKEN___1 23584	21.16 0.29 0.00	18.67 0.22 0.00	16.94 0.18 0.00	15.99 0.13 0.00	16.47 0.18 0.00	17.77 0.26 0.00	20.72 0.35 0.00	22.29 0.37 0.00	22.88 0.32 0.00	22.98 0.38 0.00	24.79 0.32 -0.16	24.98 0.32 -0.17	25.63 0.35 -0.21	27.50 0.45 -0.37	28.58 0.47 -0.47	31.04 0.51 -0.69	38.45 0.73 -1.31	41.63 0.86 -1.59	42.89 1.16 -1.65	40.95 1.11 -1.48	37.73 1.06 -1.46	33.62 0.77 -0.88	28.93 0.69 -0.45	25.60 0.52 -0.21
MILLIKEN___2 23585	21.16 0.29 0.00	18.67 0.22 0.00	16.94 0.18 0.00	15.99 0.13 0.00	16.47 0.18 0.00	17.77 0.26 0.00	20.72 0.35 0.00	22.29 0.37 0.00	22.88 0.32 0.00	22.98 0.38 0.00	24.79 0.32 -0.16	24.98 0.32 -0.17	25.63 0.35 -0.21	27.50 0.45 -0.37	28.58 0.47 -0.47	31.04 0.51 -0.69	38.45 0.73 -1.31	41.63 0.86 -1.59	42.89 1.16 -1.65	40.95 1.11 -1.48	37.73 1.06 -1.46	33.62 0.77 -0.88	28.93 0.69 -0.45	25.60 0.52 -0.21
MILLIKEN___DIESEL 23629	21.16 0.29 0.00	18.67 0.22 0.00	16.94 0.18 0.00	15.99 0.13 0.00	16.47 0.18 0.00	17.77 0.26 0.00	20.72 0.35 0.00	22.29 0.37 0.00	22.88 0.32 0.00	22.98 0.38 0.00	24.79 0.32 -0.16	24.98 0.32 -0.17	25.63 0.35 -0.21	27.50 0.45 -0.37	28.58 0.47 -0.47	31.04 0.51 -0.69	38.45 0.73 -1.31	41.63 0.86 -1.59	42.89 1.16 -1.65	40.95 1.11 -1.48	37.73 1.06 -1.46	33.62 0.77 -0.88	28.93 0.69 -0.45	25.60 0.52 -0.21
MILLSEAT___LFGE 323607	19.85 -1.02 0.00	17.53 -0.92 0.00	15.85 -0.91 0.00	15.02 -0.84 0.00	15.40 -0.90 0.00	16.70 -0.80 0.00	19.46 -0.92 0.00	21.17 -0.75 0.00	21.98 -0.59 0.00	21.94 -0.66 0.00	23.91 -0.41 0.00	23.90 -0.59 0.00	24.48 -0.60 0.00	26.04 -0.64 0.00	26.81 -0.83 0.00	29.13 -0.72 0.00	35.17 -1.24 -0.01	37.89 -1.29 -0.01	38.96 -1.12 -0.01	37.21 -1.15 -0.01	34.35 -0.88 -0.01	30.76 -1.21 0.00	26.97 -0.81 0.00	24.49 -0.37 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.35 1.48 0.00	19.75 1.24 -0.07	18.18 1.19 -0.23	17.20 1.03 -0.30	17.64 1.11 -0.24	18.92 1.16 -0.26	21.74 1.37 0.00	23.58 1.67 0.00	24.46 1.90 0.00	24.52 1.92 0.00	26.49 2.16 0.00	26.70 2.20 0.00	27.31 2.23 0.00	29.00 2.32 0.00	30.05 2.40 0.00	32.44 2.60 0.00	39.87 3.46 0.00	42.90 3.72 0.00	43.68 3.61 0.00	41.69 3.34 0.00	39.83 2.99 -1.62	34.56 2.59 0.00	29.92 2.14 0.00	26.71 1.84 0.00
MILLWOOD_13_KV_LOAD 356217	22.39 1.52 0.00	19.81 1.29 -0.07	18.23 1.24 -0.23	17.25 1.08 -0.30	17.69 1.16 -0.24	18.97 1.21 -0.26	21.80 1.43 0.00	23.65 1.73 0.00	24.53 1.96 0.00	24.61 2.01 0.00	26.58 2.26 0.00	26.82 2.33 0.00	27.46 2.38 0.00	29.10 2.43 0.00	30.19 2.54 0.00	32.59 2.75 0.00	40.08 3.68 0.00	43.13 3.96 0.00	43.92 3.85 0.00	41.92 3.57 0.00	39.97 3.13 -1.62	34.69 2.72 0.00	30.03 2.25 0.00	26.81 1.94 0.00
MODEL_CITY_ENERGY 24167	19.37 -1.50 0.00	17.10 -1.35 0.00	15.45 -1.31 0.00	14.66 -1.21 0.00	15.00 -1.29 0.00	16.28 -1.23 0.00	18.95 -1.43 0.00	20.60 -1.31 0.00	21.41 -1.15 0.00	21.38 -1.22 0.00	23.30 -1.02 0.00	23.27 -1.22 0.00	23.80 -1.28 0.00	25.26 -1.41 0.00	26.01 -1.63 0.00	28.26 -1.58 0.00	34.05 -2.37 0.00	36.60 -2.59 0.00	37.63 -2.45 0.00	35.87 -2.49 0.00	33.14 -2.08 -0.01	29.77 -2.21 0.00	26.20 -1.58 0.00	23.90 -0.97 0.00
MODERN_LFGE___ 323580	19.37 -1.50 0.00	17.10 -1.35 0.00	15.45 -1.31 0.00	14.66 -1.21 0.00	15.00 -1.29 0.00	16.28 -1.23 0.00	18.95 -1.43 0.00	20.60 -1.31 0.00	21.41 -1.15 0.00	21.38 -1.22 0.00	23.30 -1.02 0.00	23.27 -1.22 0.00	23.80 -1.28 0.00	25.26 -1.41 0.00	26.01 -1.63 0.00	28.26 -1.58 0.00	34.05 -2.37 0.00	36.60 -2.59 0.00	37.63 -2.45 0.00	35.87 -2.49 0.00	33.14 -2.08 -0.01	29.77 -2.21 0.00	26.20 -1.58 0.00	23.90 -0.97 0.00
MOHAWK_PAPER___DRP 24187	21.87 1.00 0.00	20.00 1.03 -0.52	19.56 0.97 -1.83	19.16 0.87 -2.42	19.12 0.91 -1.92	20.55 0.96 -2.08	21.50 1.12 0.00	23.01 1.10 0.00	23.69 1.13 0.00	23.53 0.93 0.00	25.37 1.05 0.00	25.62 1.13 0.00	26.21 1.13 0.00	27.82 1.15 0.00	28.86 1.22 0.00	31.22 1.37 0.00	38.34 1.93 0.00	41.41 2.23 0.00	42.35 2.28 0.00	40.58 2.22 0.00	43.54 2.08 -6.25	33.76 1.79 0.00	29.28 1.50 0.00	26.13 1.27 0.00
MOHICAN___35_KV_115KV_LD 80490	22.39 1.52 0.00	20.54 1.38 -0.71	20.51 1.24 -2.52	20.31 1.13 -3.32	20.11 1.19 -2.63	21.64 1.28 -2.86	21.44 1.06 0.00	23.03 1.12 0.00	23.80 1.24 0.00	23.66 1.06 0.00	25.49 1.17 0.00	25.79 1.30 0.00	26.43 1.35 0.00	28.04 1.36 0.00	29.13 1.49 0.00	31.58 1.73 0.00	38.55 2.15 0.00	41.72 2.55 0.00	42.88 2.80 0.00	40.77 2.42 0.00	45.84 2.50 -8.12	34.05 2.08 0.00	29.67 1.89 0.00	26.38 1.52 0.00
MONGAUP___HYD 23641	22.14 1.27 0.00	19.58 1.07 -0.06	17.96 1.01 -0.20	17.01 0.87 -0.27	17.40 0.90 -0.21	18.73 1.00 -0.23	21.56 1.18 0.00	23.23 1.31 0.00	24.05 1.49 0.00	24.05 1.45 0.00	25.90 1.58 0.00	26.11 1.62 0.00	26.76 1.68 0.00	28.46 1.79 0.00	29.58 1.93 0.00	31.97 2.12 0.00	39.28 2.88 0.00	42.39 3.21 0.00	43.28 3.21 0.00	41.38 3.03 0.00	39.41 2.75 -1.44	34.30 2.33 0.00	29.78 2.00 0.00	26.51 1.64 0.00
MONTAUK___DIESEL 23721	23.46 2.59 0.00	20.54 2.03 -0.07	19.03 2.04 -0.23	17.87 1.70 -0.31	18.39 1.86 -0.24	19.90 2.14 -0.26	22.88 2.51 0.00	25.01 3.09 0.00	26.04 3.47 0.00	26.35 3.75 0.00	32.69 4.04 -4.33	33.59 4.11 -4.99	34.77 4.09 -5.61	36.64 4.13 -5.83	48.38 4.37 -16.37	52.24 4.69 -17.71	49.00 5.97 -6.62	51.34 6.39 -5.77	54.73 6.21 -8.45	46.01 5.64 -2.01	41.08 4.23 -1.64	36.06 4.00 -0.09	31.77 3.33 -0.66	29.65 2.86 -1.92
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.01 -0.86 0.00	17.51 -0.94 0.00	15.75 -1.01 0.00	14.90 -0.97 0.00	15.36 -0.93 0.00	16.61 -0.89 0.00	19.44 -0.94 0.00	21.39 -0.53 0.00	22.29 -0.27 0.00	22.56 -0.05 0.00	24.25 -0.07 0.00	24.25 -0.24 0.00	24.65 -0.43 0.00	26.41 -0.27 0.00	27.31 -0.33 0.00	29.49 -0.36 0.00	35.68 -0.73 0.00	38.36 -0.82 0.00	39.39 -0.68 0.00	37.52 -0.84 0.00	34.88 -0.60 -0.26	30.85 -1.12 0.00	27.06 -0.72 0.00	24.29 -0.57 0.00

MORTIMER_115KV_TB3 55949	20.12 -0.75 0.00	17.77 -0.68 0.00	16.09 -0.67 0.00	15.23 -0.63 0.00	15.69 -0.60 0.00	16.91 -0.60 0.00	19.70 -0.67 0.00	21.45 -0.46 0.00	22.09 -0.47 0.00	22.24 -0.36 0.00	23.86 -0.46 0.00	24.03 -0.47 0.00	24.53 -0.55 0.00	26.22 -0.45 0.00	27.17 -0.47 0.00	29.37 -0.48 0.00	35.64 -0.76 0.00	38.32 -0.86 0.00	39.27 -0.80 0.00	37.55 -0.81 0.00	34.58 -0.63 0.00	31.11 -0.86 0.00	27.36 -0.42 0.00	24.49 -0.37 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.54 1.67 0.00	19.90 1.38 -0.07	18.33 1.34 -0.23	17.33 1.16 -0.31	17.77 1.24 -0.24	19.05 1.28 -0.26	21.88 1.51 0.00	23.78 1.86 0.00	24.66 2.10 0.00	24.77 2.19 0.02	26.59 2.43 0.17	26.12 2.47 0.84	25.83 2.53 1.78	26.41 2.61 2.88	28.00 2.74 2.38	30.96 2.95 1.84	40.09 3.90 0.22	43.33 4.15 0.00	44.04 3.97 0.00	42.04 3.68 0.00	40.13 3.28 -1.64	34.85 2.88 0.00	30.20 2.42 0.00	26.93 2.06 0.00
MUNSVILLE_WIND_PWR 323609	22.12 1.25 0.00	19.63 1.14 -0.04	17.86 0.97 -0.13	16.90 0.86 -0.17	17.37 0.94 -0.14	18.81 1.16 -0.15	21.84 1.47 0.00	24.35 2.43 0.00	24.93 2.37 0.00	24.91 2.31 0.00	26.84 2.46 -0.07	27.01 2.45 -0.07	27.95 2.78 -0.08	30.06 3.23 -0.15	30.99 3.15 -0.19	33.65 3.52 -0.29	41.17 4.22 -0.54	44.97 5.13 -0.66	46.61 5.85 -0.68	44.87 5.90 -0.61	41.86 5.21 -1.43	36.62 4.29 -0.36	31.24 3.28 -0.19	27.66 2.71 -0.09
N SALMON___HYD 24042	20.37 -0.50 0.00	18.01 -0.44 0.00	16.24 -0.52 0.00	15.63 -0.24 0.00	16.02 -0.28 0.00	17.12 -0.39 0.00	19.97 -0.41 0.00	21.59 -0.33 0.00	21.93 -0.63 0.00	21.99 -0.61 0.00	23.57 -0.75 0.00	23.65 -0.83 0.01	21.95 -0.90 2.22	17.18 -0.99 8.51	16.40 -1.02 10.22	16.58 -1.07 12.20	16.62 -1.31 18.47	16.80 -1.37 21.00	19.12 -1.32 19.63	16.63 -1.38 20.34	16.46 -1.30 17.45	16.24 -1.21 14.51	15.93 -1.14 10.71	15.90 -1.04 7.92
N.AKRON__115KV_KNAPP 355671	19.87 -1.00 0.00	17.55 -0.90 0.00	15.85 -0.90 0.00	15.02 -0.84 0.00	15.48 -0.81 0.00	16.70 -0.81 0.00	19.50 -0.88 0.00	21.37 -0.55 0.00	22.02 -0.54 0.00	22.22 -0.38 0.00	23.79 -0.54 0.00	23.90 -0.59 0.00	24.35 -0.73 0.00	26.04 -0.64 0.00	26.95 -0.69 0.00	29.13 -0.72 0.00	35.28 -1.13 -0.01	37.89 -1.29 -0.01	38.96 -1.12 -0.01	37.21 -1.15 -0.01	34.31 -0.92 -0.01	30.76 -1.21 0.00	27.22 -0.56 0.00	24.52 -0.35 0.00
N.BELMOR_69_KV_BK1 55787	22.94 2.07 0.00	20.10 1.59 -0.07	18.53 1.54 -0.23	17.43 1.25 -0.31	17.87 1.34 -0.24	19.26 1.49 -0.26	22.13 1.75 0.00	24.11 2.19 0.00	25.02 2.46 0.00	25.22 2.62 0.00	31.42 2.77 -4.33	32.30 2.82 -4.99	33.57 2.88 -5.61	35.50 2.99 -5.83	47.16 3.15 -16.37	50.90 3.34 -17.71	47.36 4.33 -6.62	49.64 4.70 -5.76	53.08 4.57 -8.44	44.61 4.26 -2.00	40.52 3.66 -1.64	35.62 3.45 -0.20	31.41 2.97 -0.66	29.37 2.59 -1.92
N.E_GEN_SANDY PD 24062	22.19 1.32 0.00	19.91 1.18 -0.28	18.90 1.16 -0.99	18.20 1.03 -1.30	18.40 1.08 -1.03	19.80 1.17 -1.12	22.00 1.39 -0.24	23.38 1.47 0.00	24.20 1.54 -0.10	23.88 1.38 0.10	25.76 1.43 0.00	25.99 1.49 0.00	26.61 1.53 0.00	28.28 1.60 0.00	29.33 1.69 0.00	31.64 1.79 0.00	38.88 2.48 0.00	42.00 2.82 0.00	42.83 2.76 0.00	41.00 2.64 0.00	41.51 2.46 -3.83	34.11 2.14 0.00	29.64 1.86 0.00	26.41 1.54 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.31 1.44 0.00	19.71 1.20 -0.06	18.13 1.16 -0.22	17.16 1.00 -0.29	17.58 1.06 -0.23	18.87 1.12 -0.25	21.70 1.32 0.00	23.54 1.62 0.00	24.46 1.90 0.00	24.52 1.92 0.00	26.49 2.16 0.00	26.67 2.18 0.00	27.31 2.23 0.00	28.97 2.29 0.00	30.07 2.43 0.00	32.47 2.63 0.00	39.90 3.50 0.00	43.02 3.84 0.00	43.76 3.69 0.00	41.73 3.38 0.00	39.80 3.03 -1.55	34.46 2.49 0.00	29.84 2.06 0.00	26.66 1.79 0.00
N.QUEENS_27_KV_LOAD 356247	22.76 1.88 -0.01	20.09 1.57 -0.07	18.47 1.47 -0.24	17.45 1.27 -0.32	17.91 1.37 -0.25	19.25 1.47 -0.27	21.99 1.61 0.00	23.82 1.91 0.00	24.71 2.14 0.00	24.96 2.33 -0.03	27.23 2.58 -0.34	28.86 2.62 -1.75	31.46 2.68 -3.70	35.51 2.83 -6.00	35.53 2.93 -4.96	36.78 3.10 -3.83	40.74 3.90 -0.44	43.49 4.31 0.00	44.12 4.05 0.00	42.08 3.72 0.00	40.06 3.20 -1.64	34.98 3.01 0.00	30.45 2.67 0.00	27.21 2.34 -0.01
N.TROY___115KV_TB1 355778	21.98 1.11 0.00	20.11 1.03 -0.62	19.94 0.97 -2.21	19.67 0.89 -2.92	19.55 0.94 -2.31	21.02 1.00 -2.51	21.50 1.12 0.00	23.08 1.16 0.00	23.76 1.20 0.00	23.59 0.99 0.00	25.41 1.09 0.00	25.64 1.15 0.00	26.26 1.18 0.00	27.90 1.23 0.00	28.94 1.30 0.00	31.28 1.43 0.00	38.37 1.97 0.00	41.45 2.27 0.00	42.39 2.32 0.00	40.58 2.22 0.00	44.62 2.11 -7.29	33.79 1.82 0.00	29.36 1.58 0.00	26.18 1.32 0.00
NARROWS_GT1_1 24228	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NARROWS_GT1_2 24229	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NARROWS_GT1_3 24230	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NARROWS_GT1_4 24231	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NARROWS_GT1_5 24232	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01

NARROWS_GT1_6 24233	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NARROWS_GT1_7 24234	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NARROWS_GT1_8 24235	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NARROWS_GT2_1 24236	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NARROWS_GT2_2 24237	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NARROWS_GT2_3 24238	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NARROWS_GT2_4 24239	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NARROWS_GT2_5 24240	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NARROWS_GT2_6 24241	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NARROWS_GT2_7 24242	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NARROWS_GT2_8 24243	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.91 1.04 0.00	19.73 1.00 -0.28	18.64 0.89 -0.99	17.99 0.81 -1.31	18.16 0.83 -1.04	19.54 0.91 -1.13	21.58 1.20 0.00	22.97 1.05 0.00	23.60 1.04 0.00	23.32 0.72 0.00	25.12 0.80 0.00	25.32 0.83 0.00	25.96 0.88 0.00	27.58 0.91 0.00	28.75 1.11 0.00	31.10 1.25 0.00	38.34 1.93 0.00	41.53 2.35 0.00	42.68 2.60 0.00	40.93 2.57 0.00	41.33 2.22 -3.89	34.02 2.05 0.00	29.48 1.69 0.00	26.23 1.37 0.00
NCHELSEA_115KV_TR2 355582	22.37 1.50 0.00	19.77 1.25 -0.07	18.19 1.19 -0.25	17.24 1.05 -0.32	17.66 1.11 -0.26	18.97 1.19 -0.28	21.78 1.41 0.00	23.58 1.67 0.00	24.41 1.85 0.00	24.43 1.83 0.00	26.39 2.07 0.00	26.60 2.11 0.00	27.26 2.18 0.00	28.94 2.27 0.00	30.07 2.43 0.00	32.47 2.63 0.00	39.94 3.53 0.00	43.02 3.84 0.00	43.84 3.77 0.00	41.88 3.53 0.00	40.06 3.17 -1.67	34.69 2.72 0.00	30.03 2.25 0.00	26.76 1.89 0.00
NEG CAPITAL___MECHNVIL 23645	22.19 1.32 0.00	20.33 1.20 -0.68	20.28 1.09 -2.43	20.07 1.00 -3.21	19.86 1.03 -2.54	21.39 1.12 -2.76	21.68 1.31 0.00	23.27 1.36 0.00	24.03 1.47 0.00	23.93 1.33 0.00	25.58 1.26 0.00	25.86 1.37 0.00	26.48 1.40 0.00	28.14 1.47 0.00	29.22 1.57 0.00	31.64 1.79 0.00	38.77 2.37 0.00	41.92 2.74 0.00	42.96 2.89 0.00	41.04 2.68 0.00	45.67 2.57 -7.89	34.15 2.18 0.00	29.70 1.92 0.00	26.41 1.54 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.91 -0.96 0.00	17.58 -0.87 0.00	15.92 -0.84 0.00	15.06 -0.81 0.00	15.46 -0.83 0.00	16.72 -0.79 0.00	19.48 -0.90 0.00	21.10 -0.81 0.00	21.77 -0.79 0.00	21.83 -0.77 0.00	23.61 -0.71 0.00	23.71 -0.78 0.00	24.30 -0.78 0.00	25.93 -0.75 0.00	26.78 -0.86 0.00	29.01 -0.84 0.00	35.24 -1.17 0.00	37.92 -1.26 0.00	38.95 -1.12 0.00	37.21 -1.15 0.00	34.30 -0.92 0.00	30.82 -1.15 0.00	26.89 -0.89 0.00	24.14 -0.72 0.00

NEG CENTRAL___DRP 24199	20.70 -0.17 0.00	18.27 -0.18 0.00	16.56 -0.20 0.00	15.64 -0.22 0.00	16.11 -0.18 0.00	17.40 -0.11 0.00	20.29 -0.08 0.00	21.94 0.02 0.00	22.56 0.00 0.00	22.71 0.11 0.00	24.50 0.02 -0.15	24.70 0.05 -0.16	25.30 0.03 -0.20	27.17 0.13 -0.36	28.24 0.14 -0.46	30.67 0.15 -0.67	37.87 0.18 -1.28	40.96 0.24 -1.54	42.16 0.48 -1.61	40.22 0.42 -1.44	36.74 0.39 -1.14	32.95 0.13 -0.85	28.42 0.19 -0.44	25.15 0.07 -0.21
NEG CENTRAL___INDECK 23768	20.70 -0.17 0.00	18.25 -0.20 0.00	16.51 -0.25 0.00	15.60 -0.27 0.00	16.02 -0.28 0.00	17.36 -0.14 0.00	20.23 -0.14 0.00	21.89 -0.02 0.00	22.50 -0.07 0.00	22.51 -0.09 0.00	24.37 0.05 0.00	24.37 -0.12 0.00	24.98 -0.10 0.00	26.60 -0.08 0.00	27.48 -0.16 0.00	29.97 0.12 0.00	35.21 -1.20 0.00	38.00 -1.17 0.00	39.23 -0.84 0.00	37.70 -0.65 0.00	35.08 -0.39 -0.25	31.17 -0.80 0.00	28.09 0.31 0.00	25.21 0.35 0.00
NEG CENTRAL___SENECA 23627	20.66 -0.21 0.00	18.21 -0.24 0.00	16.49 -0.27 0.00	15.60 -0.27 0.00	16.06 -0.23 0.00	17.35 -0.16 0.00	20.27 -0.10 0.00	22.00 0.09 0.00	22.61 0.05 0.00	22.78 0.18 0.00	24.49 0.10 -0.07	24.67 0.10 -0.08	25.22 0.05 -0.10	27.06 0.21 -0.17	28.08 0.22 -0.22	30.38 0.21 -0.32	37.28 0.25 -0.62	40.28 0.35 -0.75	41.49 0.64 -0.78	39.59 0.54 -0.70	36.26 0.49 -0.55	32.51 0.13 -0.41	28.24 0.25 -0.21	25.11 0.15 -0.10
NEG CENTRAL___STATE_STREET 24147	20.85 -0.02 0.00	18.41 -0.04 0.00	16.71 -0.05 0.00	15.79 -0.08 0.00	16.26 -0.03 0.00	17.52 0.02 0.00	20.44 0.06 0.00	22.00 0.09 0.00	22.63 0.07 0.00	22.78 0.18 0.00	24.65 0.12 -0.21	24.86 0.15 -0.22	25.50 0.15 -0.27	27.41 0.24 -0.49	28.54 0.28 -0.63	31.03 0.27 -0.92	38.52 0.36 -1.75	41.68 0.39 -2.11	42.92 0.64 -2.21	40.90 0.58 -1.97	37.30 0.53 -1.56	33.46 0.32 -1.17	28.72 0.33 -0.61	25.30 0.15 -0.28
NEG MILLWOOD___DRP 24198	22.46 1.59 0.00	19.87 1.35 -0.07	18.29 1.29 -0.24	17.33 1.14 -0.32	17.75 1.21 -0.26	19.04 1.26 -0.28	21.86 1.49 0.00	23.67 1.75 0.00	24.62 2.05 0.00	24.63 2.03 0.00	26.63 2.31 0.00	26.89 2.40 0.00	27.59 2.51 0.00	29.21 2.53 0.00	30.32 2.68 0.00	32.74 2.90 0.00	40.37 3.97 0.00	43.41 4.23 0.00	44.32 4.25 0.00	42.23 3.87 0.00	40.35 3.45 -1.68	34.91 2.94 0.00	30.17 2.39 0.00	26.90 2.04 0.00
NEG NORTH_FLCN_SEA 23793	20.66 -0.21 0.00	18.21 -0.24 0.00	16.39 -0.37 0.00	15.71 -0.16 0.00	16.00 -0.29 0.00	17.29 -0.21 0.00	20.25 -0.12 0.00	21.89 -0.02 0.00	21.84 -0.72 0.00	21.97 -0.63 0.00	23.59 -0.73 0.00	23.60 -0.88 0.01	21.73 -0.98 2.37	16.53 -1.09 9.05	15.58 -1.19 10.87	15.65 -1.22 12.97	15.27 -1.49 19.65	15.35 -1.49 22.34	18.24 -0.96 20.87	15.53 -1.19 21.64	15.46 -1.20 18.56	15.32 -1.21 15.44	15.06 -1.33 11.39	15.19 -1.24 8.43
NEG NORTH_KES_CHATEGAY 23792	20.37 -0.50 0.00	17.99 -0.46 0.00	16.24 -0.52 0.00	15.55 -0.32 0.00	15.85 -0.44 0.00	17.08 -0.42 0.00	19.95 -0.43 0.00	21.52 -0.39 0.00	21.82 -0.74 0.00	21.88 -0.72 0.00	23.52 -0.80 0.00	23.55 -0.93 0.01	21.72 -1.03 2.33	16.61 -1.15 8.92	15.71 -1.22 10.71	15.78 -1.28 12.78	15.48 -1.57 19.36	15.52 -1.65 22.01	17.94 -1.56 20.57	15.39 -1.65 21.32	15.34 -1.58 18.29	15.32 -1.44 15.21	15.14 -1.42 11.22	15.27 -1.29 8.30
NEG NORTH___ALICE_FALLS 23915	20.58 -0.29 0.00	18.15 -0.30 0.00	16.34 -0.42 0.00	15.66 -0.21 0.00	15.97 -0.33 0.00	17.26 -0.25 0.00	20.21 -0.16 0.00	21.83 -0.09 0.00	21.89 -0.68 0.00	21.99 -0.61 0.00	23.59 -0.73 0.00	23.63 -0.86 0.01	21.76 -0.95 2.36	16.61 -1.04 9.03	15.69 -1.11 10.85	15.77 -1.13 12.94	15.46 -1.35 19.60	15.60 -1.29 22.29	18.32 -0.92 20.83	15.62 -1.15 21.59	15.53 -1.16 18.52	15.39 -1.18 15.40	15.09 -1.33 11.36	15.21 -1.24 8.41
NEG NORTH___LWR_SARANAC 23913	20.58 -0.29 0.00	18.15 -0.30 0.00	16.34 -0.42 0.00	15.66 -0.21 0.00	15.97 -0.33 0.00	17.26 -0.25 0.00	20.21 -0.16 0.00	21.83 -0.09 0.00	21.89 -0.68 0.00	21.99 -0.61 0.00	23.59 -0.73 0.00	23.63 -0.86 0.01	21.76 -0.95 2.36	16.61 -1.04 9.03	15.69 -1.11 10.85	15.77 -1.13 12.94	15.46 -1.35 19.60	15.60 -1.29 22.29	18.32 -0.92 20.83	15.62 -1.15 21.59	15.53 -1.16 18.52	15.39 -1.18 15.40	15.09 -1.33 11.36	15.21 -1.24 8.41
NEG NORTH___PLATTSBURG 23628	20.58 -0.29 0.00	18.15 -0.30 0.00	16.34 -0.42 0.00	15.66 -0.21 0.00	16.05 -0.24 0.00	17.26 -0.25 0.00	20.13 -0.24 0.00	21.85 -0.07 0.00	21.89 -0.68 0.00	21.99 -0.61 0.00	23.59 -0.73 0.00	23.63 -0.86 0.01	21.76 -0.95 2.36	16.61 -1.04 9.03	15.69 -1.11 10.85	15.77 -1.13 12.94	15.46 -1.35 19.60	15.60 -1.29 22.29	18.33 -0.92 20.83	15.62 -1.15 21.59	15.53 -1.16 18.52	15.39 -1.18 15.40	15.09 -1.33 11.36	15.22 -1.24 8.41
NEG WEST_LEA_LOCKPORT 23791	19.56 -1.31 0.00	17.27 -1.18 0.00	15.60 -1.16 0.00	14.79 -1.08 0.00	15.23 -1.06 0.00	16.44 -1.07 0.00	19.17 -1.20 0.00	20.99 -0.92 0.00	21.66 -0.90 0.00	21.85 -0.75 0.00	23.40 -0.92 0.00	23.51 -0.98 0.00	23.92 -1.15 0.00	25.56 -1.12 0.00	26.43 -1.22 0.00	28.59 -1.25 0.00	34.52 -1.89 -0.01	37.03 -2.15 -0.01	38.07 -2.00 -0.01	36.29 -2.07 -0.01	33.53 -1.69 -0.01	30.08 -1.89 0.00	26.72 -1.06 0.00	24.12 -0.75 0.00
NEG WEST___LANCASTR 23811	20.10 -0.77 0.00	17.73 -0.72 0.00	16.00 -0.75 0.00	15.15 -0.71 0.00	15.62 -0.67 0.00	16.87 -0.63 0.00	19.70 -0.67 0.00	21.50 -0.42 0.00	22.20 -0.36 0.00	22.40 -0.20 0.00	24.03 -0.29 0.00	24.12 -0.37 0.00	24.60 -0.48 0.00	26.33 -0.35 0.00	27.26 -0.39 0.00	29.49 -0.36 0.00	35.68 -0.73 0.00	38.44 -0.74 0.00	39.47 -0.60 0.00	37.55 -0.81 0.00	34.88 -0.60 -0.27	30.98 -0.99 0.00	27.28 -0.50 0.00	24.72 -0.15 0.00
NEG_PENN_ALLEGHNY 23528	21.06 0.19 0.00	18.62 0.15 -0.03	16.96 0.12 -0.09	16.05 0.06 -0.12	16.47 0.08 -0.09	17.76 0.16 -0.10	20.60 0.22 0.00	22.22 0.31 0.00	22.90 0.34 0.00	22.96 0.36 0.00	24.85 0.44 -0.09	24.98 0.39 -0.10	25.62 0.43 -0.12	27.40 0.51 -0.22	28.44 0.52 -0.28	30.82 0.57 -0.41	37.87 0.69 -0.77	40.89 0.78 -0.93	41.97 0.92 -0.97	40.07 0.84 -0.87	37.25 0.77 -1.26	33.03 0.54 -0.52	28.55 0.50 -0.27	25.44 0.45 -0.12
NEG___GEN_MONROE 24207	20.24 -0.63 0.00	17.90 -0.55 0.00	16.19 -0.57 0.00	15.33 -0.54 0.00	15.77 -0.52 0.00	17.00 -0.51 0.00	19.83 -0.55 0.00	21.56 -0.35 0.00	22.18 -0.38 0.00	22.33 -0.27 0.00	23.96 -0.36 0.00	24.10 -0.39 0.00	24.58 -0.50 0.00	26.28 -0.40 0.00	27.23 -0.41 0.00	29.43 -0.42 0.00	35.64 -0.76 0.00	38.35 -0.82 0.00	39.43 -0.64 0.00	37.67 -0.69 0.00	34.69 -0.53 0.00	31.24 -0.74 0.00	27.47 -0.31 0.00	24.67 -0.20 0.00
NEPA___ENERGY 23901	20.06 -0.81 0.00	17.69 -0.76 0.00	15.97 -0.79 0.00	15.10 -0.76 0.00	15.59 -0.70 0.00	16.82 -0.68 0.00	19.66 -0.71 0.00	21.54 -0.37 0.00	22.27 -0.29 0.00	22.46 -0.14 0.00	24.10 -0.22 0.00	24.20 -0.29 0.00	24.65 -0.43 0.00	26.36 -0.32 0.00	27.28 -0.36 0.00	29.52 -0.33 0.00	35.75 -0.66 0.00	38.51 -0.67 0.00	39.51 -0.56 0.00	37.63 -0.73 0.00	34.95 -0.53 -0.27	31.08 -0.90 0.00	27.34 -0.44 0.00	24.64 -0.22 0.00

NEVERSINK___HYD 23608	21.89 1.02 0.00	19.33 0.81 -0.07	17.78 0.77 -0.25	16.85 0.65 -0.33	17.22 0.67 -0.26	18.54 0.75 -0.29	21.27 0.90 0.00	23.01 1.10 0.00	23.85 1.29 0.00	23.89 1.29 0.00	25.76 1.43 0.00	25.96 1.47 0.00	26.61 1.53 0.00	27.53 0.85 0.00	28.61 0.97 0.00	30.89 1.04 0.00	38.01 1.60 0.00	40.98 1.80 0.00	41.79 1.72 0.00	39.97 1.61 0.00	38.12 1.34 -1.57	34.05 2.08 0.00	29.48 1.69 0.00	26.23 1.37 0.00
NEWKRMKL_115KV_TB1 55635	21.62 0.75 0.00	19.77 0.85 -0.47	19.23 0.80 -1.67	18.78 0.71 -2.20	18.77 0.73 -1.75	20.17 0.77 -1.90	21.27 0.90 0.00	22.73 0.81 0.00	23.42 0.86 0.00	23.28 0.68 0.00	25.12 0.80 0.00	25.35 0.86 0.00	25.93 0.85 0.00	27.50 0.83 0.00	28.53 0.88 0.00	30.86 1.01 0.00	37.86 1.46 0.00	40.86 1.68 0.00	41.79 1.72 0.00	40.04 1.69 0.00	42.57 1.55 -5.80	33.28 1.31 0.00	28.89 1.11 0.00	25.79 0.92 0.00
NEWTON___FALLS_HYD 23847	20.47 -0.40 0.00	18.14 -0.31 0.00	16.42 -0.34 0.00	15.77 -0.10 0.00	16.10 -0.20 0.00	17.26 -0.25 0.00	20.17 -0.20 0.00	21.65 -0.26 0.00	22.16 -0.41 0.00	22.15 -0.45 0.00	23.85 -0.56 -0.08	24.01 -0.56 -0.09	23.24 -0.68 1.16	21.31 -0.72 4.64	21.27 -0.80 5.57	22.41 -0.87 6.57	25.54 -1.06 9.81	26.90 -1.18 11.10	28.75 -1.04 10.28	26.80 -0.77 10.78	25.27 -0.63 9.31	23.61 -0.58 7.79	21.51 -0.42 5.85	20.10 -0.37 4.40
NGRID_A1_DSASP 323792	19.08 -1.79 0.00	16.86 -1.59 0.00	15.23 -1.52 0.00	14.45 -1.41 0.00	14.79 -1.50 0.00	16.05 -1.45 0.00	18.69 -1.69 0.00	20.29 -1.62 0.00	21.10 -1.47 0.00	21.04 -1.56 0.00	22.94 -1.39 0.00	22.90 -1.59 0.00	23.42 -1.66 0.00	24.84 -1.84 0.00	25.54 -2.10 0.00	27.76 -2.09 0.00	33.40 -2.98 0.03	35.90 -3.25 0.03	36.92 -3.13 0.03	35.15 -3.18 0.03	32.69 -2.71 -0.18	29.22 -2.75 0.00	25.78 -2.00 0.00	23.52 -1.34 0.00
NGRID_A2_DSASP 323793	19.08 -1.79 0.00	16.86 -1.59 0.00	15.23 -1.52 0.00	14.45 -1.41 0.00	14.79 -1.50 0.00	16.05 -1.45 0.00	18.69 -1.69 0.00	20.29 -1.62 0.00	21.10 -1.47 0.00	21.04 -1.56 0.00	22.94 -1.39 0.00	22.90 -1.59 0.00	23.42 -1.66 0.00	24.84 -1.84 0.00	25.54 -2.10 0.00	27.76 -2.09 0.00	33.40 -2.98 0.03	35.90 -3.25 0.03	36.92 -3.13 0.03	35.15 -3.18 0.03	32.69 -2.71 -0.18	29.22 -2.75 0.00	25.78 -2.00 0.00	23.52 -1.34 0.00
NGRID_A4_DSASP 323807	19.08 -1.79 0.00	16.86 -1.59 0.00	15.23 -1.52 0.00	14.45 -1.41 0.00	14.79 -1.50 0.00	16.05 -1.45 0.00	18.69 -1.69 0.00	20.29 -1.62 0.00	21.10 -1.47 0.00	21.04 -1.56 0.00	22.94 -1.39 0.00	22.90 -1.59 0.00	23.42 -1.66 0.00	24.84 -1.84 0.00	25.54 -2.10 0.00	27.76 -2.09 0.00	33.40 -2.98 0.03	35.90 -3.25 0.03	36.92 -3.13 0.03	35.15 -3.18 0.03	32.69 -2.71 -0.18	29.22 -2.75 0.00	25.78 -2.00 0.00	23.52 -1.34 0.00
NIAGARA_115E_LBMP 323715	19.26 -1.61 0.00	17.01 -1.44 0.00	15.37 -1.39 0.00	14.58 -1.28 0.00	14.94 -1.35 0.00	16.19 -1.31 0.00	18.85 -1.53 0.00	20.49 -1.42 0.00	21.28 -1.29 0.00	21.24 -1.36 0.00	23.15 -1.17 0.00	23.12 -1.37 0.00	23.65 -1.43 0.00	25.10 -1.57 0.00	25.82 -1.83 0.00	28.06 -1.79 0.00	33.79 -2.62 0.00	36.32 -2.86 0.00	37.35 -2.73 0.00	35.60 -2.76 0.00	33.12 -2.33 -0.23	29.54 -2.43 0.00	26.03 -1.75 0.00	23.75 -1.12 0.00
NIAGARA_115W_LBMP 323714	19.03 -1.84 0.00	16.81 -1.64 0.00	15.20 -1.56 0.00	14.42 -1.44 0.00	14.76 -1.53 0.00	16.00 -1.51 0.00	18.62 -1.75 0.00	20.23 -1.69 0.00	21.03 -1.54 0.00	21.00 -1.60 0.00	22.89 -1.43 0.00	22.85 -1.64 0.00	23.37 -1.71 0.00	24.76 -1.92 0.00	25.49 -2.16 0.00	27.70 -2.15 0.00	33.29 -3.09 0.02	35.82 -3.33 0.02	36.80 -3.24 0.02	35.07 -3.26 0.02	32.58 -2.82 -0.19	29.16 -2.81 0.00	25.70 -2.08 0.00	23.47 -1.39 0.00
NIAGARA_230_LBMP 323716	19.37 -1.50 0.00	17.10 -1.35 0.00	15.47 -1.29 0.00	14.68 -1.19 0.00	15.02 -1.27 0.00	16.28 -1.23 0.00	18.95 -1.43 0.00	20.58 -1.34 0.00	21.39 -1.17 0.00	21.36 -1.24 0.00	23.25 -1.07 0.00	23.22 -1.27 0.00	23.75 -1.33 0.00	25.18 -1.49 0.00	25.93 -1.71 0.00	28.15 -1.70 0.00	33.89 -2.51 0.00	36.43 -2.74 0.00	37.42 -2.65 0.00	35.67 -2.69 0.00	33.03 -2.18 0.00	29.67 -2.30 0.00	26.14 -1.64 0.00	23.85 -1.02 0.00
NIAGARA___115KV_198_GIBSON 55903	19.03 -1.84 0.00	16.81 -1.64 0.00	15.20 -1.56 0.00	14.42 -1.44 0.00	14.83 -1.47 0.00	16.00 -1.51 0.00	18.66 -1.71 0.00	20.42 -1.49 0.00	21.05 -1.51 0.00	21.24 -1.36 0.00	22.74 -1.58 0.00	22.83 -1.67 0.00	23.22 -1.86 0.00	24.76 -1.92 0.00	25.60 -2.05 0.00	27.70 -2.15 0.00	33.40 -2.99 0.02	35.82 -3.33 0.02	36.80 -3.25 0.02	35.07 -3.26 0.02	32.59 -2.82 -0.19	29.16 -2.81 0.00	25.97 -1.81 0.00	23.47 -1.39 0.00
NIAGARA____ 23760	19.37 -1.50 0.00	17.10 -1.35 0.00	15.47 -1.29 0.00	14.68 -1.19 0.00	15.02 -1.27 0.00	16.28 -1.23 0.00	18.95 -1.43 0.00	20.58 -1.34 0.00	21.39 -1.17 0.00	21.36 -1.24 0.00	23.25 -1.07 0.00	23.22 -1.27 0.00	23.75 -1.33 0.00	25.18 -1.49 0.00	25.93 -1.71 0.00	28.15 -1.70 0.00	33.89 -2.51 0.01	36.43 -2.74 0.01	37.42 -2.65 0.01	35.66 -2.69 0.01	33.13 -2.18 -0.10	29.67 -2.30 0.00	26.14 -1.64 0.00	23.85 -1.02 0.00
NINE_MILE_1 23575	20.33 -0.54 0.00	17.97 -0.48 0.00	16.30 -0.45 0.00	15.42 -0.44 0.00	15.84 -0.46 0.00	17.07 -0.44 0.00	19.83 -0.55 0.00	21.26 -0.66 0.00	21.86 -0.70 0.00	21.90 -0.70 0.00	21.95 -0.73 1.65	21.98 -0.76 1.75	22.19 -0.75 2.14	22.05 -0.77 3.85	21.95 -0.80 4.89	21.80 -0.87 7.18	21.63 -1.09 13.68	21.48 -1.17 16.52	21.71 -1.12 17.24	21.86 -1.07 15.42	22.06 -0.99 12.17	21.83 -0.99 9.15	22.24 -0.81 4.73	21.91 -0.75 2.21
NINE_MILE_2 23744	20.33 -0.54 0.00	17.97 -0.48 0.00	16.30 -0.45 0.00	15.42 -0.44 0.00	15.85 -0.44 0.00	17.07 -0.44 0.00	19.85 -0.53 0.00	21.26 -0.66 0.00	21.86 -0.70 0.00	21.90 -0.70 0.00	21.92 -0.73 1.67	21.95 -0.76 1.78	22.16 -0.75 2.17	21.99 -0.77 3.91	21.88 -0.80 4.96	21.70 -0.87 7.28	21.43 -1.09 13.89	21.23 -1.17 16.77	21.45 -1.12 17.49	21.63 -1.07 15.65	21.87 -0.99 12.36	21.72 -0.96 9.29	22.17 -0.81 4.80	21.88 -0.75 2.24
NM_CAPITAL___DRP 24208	21.70 0.83 0.00	19.83 0.90 -0.47	19.29 0.85 -1.68	18.86 0.78 -2.22	18.85 0.80 -1.76	20.25 0.84 -1.91	21.35 0.98 0.00	22.81 0.90 0.00	23.51 0.95 0.00	23.35 0.75 0.00	25.17 0.85 0.00	25.42 0.93 0.00	26.01 0.93 0.00	27.58 0.91 0.00	28.61 0.97 0.00	30.92 1.07 0.00	37.97 1.57 0.00	40.98 1.80 0.00	41.99 1.92 0.00	40.23 1.88 0.00	42.80 1.76 -5.83	33.47 1.50 0.00	29.06 1.28 0.00	25.93 1.07 0.00
NM_CENTRAL___DRP 24181	20.70 -0.17 0.00	18.28 -0.17 0.00	16.61 -0.15 0.00	15.69 -0.17 0.00	16.15 -0.15 0.00	17.38 -0.12 0.00	20.23 -0.14 0.00	21.74 -0.18 0.00	22.38 -0.18 0.00	22.49 -0.11 0.00	24.28 -0.17 -0.13	24.49 -0.15 -0.14	25.10 -0.15 -0.17	26.91 -0.08 -0.31	27.95 -0.08 -0.39	30.30 -0.12 -0.58	37.33 -0.18 -1.10	40.27 -0.24 -1.33	41.34 -0.12 -1.39	39.48 -0.12 -1.24	36.09 -0.11 -0.98	32.55 -0.16 -0.74	28.08 -0.08 -0.38	24.87 -0.17 -0.18

NM_FRONTIER___DRP 24179	19.03 -1.84 0.00	16.81 -1.64 0.00	15.20 -1.56 0.00	14.42 -1.44 0.00	14.83 -1.47 0.00	16.00 -1.51 0.00	18.66 -1.71 0.00	20.42 -1.49 0.00	21.05 -1.51 0.00	21.24 -1.36 0.00	22.74 -1.58 0.00	22.83 -1.67 0.00	23.22 -1.86 0.00	24.76 -1.92 0.00	25.60 -2.05 0.00	27.70 -2.15 0.00	33.40 -2.99 0.02	35.82 -3.33 0.02	36.80 -3.25 0.02	35.07 -3.26 0.02	32.59 -2.82 -0.19	29.16 -2.81 0.00	25.97 -1.81 0.00	23.47 -1.39 0.00
NM_ST_REGIS___HYD 24053	20.14 -0.73 0.00	17.82 -0.63 0.00	16.12 -0.64 0.00	15.61 -0.25 0.00	15.82 -0.47 0.00	16.94 -0.56 0.00	19.81 -0.57 0.00	21.30 -0.61 0.00	21.75 -0.81 0.00	21.74 -0.86 0.00	23.35 -0.97 0.00	23.46 -1.03 0.01	21.98 -1.13 1.97	17.85 -1.28 7.55	17.19 -1.38 9.07	17.53 -1.49 10.82	18.20 -1.82 16.39	18.47 -2.08 18.63	20.58 -2.08 17.41	18.43 -1.88 18.05	18.04 -1.69 15.48	17.69 -1.41 12.88	17.23 -1.06 9.50	16.94 -0.90 7.03
NORTHPORT___1 23551	23.12 2.25 0.00	20.25 1.73 -0.07	18.66 1.68 -0.23	17.52 1.35 -0.31	17.95 1.42 -0.24	19.41 1.64 -0.26	22.29 1.91 0.00	24.26 2.35 0.00	25.20 2.64 0.00	25.45 2.85 0.00	31.57 2.92 -4.33	32.32 2.84 -4.99	33.54 2.86 -5.61	35.47 2.96 -5.83	47.19 3.18 -16.37	50.90 3.34 -17.71	47.10 4.08 -6.62	49.33 4.39 -5.76	52.75 4.25 -8.44	44.42 4.06 -2.00	40.06 3.20 -1.64	35.13 3.07 -0.09	31.52 3.08 -0.66	29.52 2.74 -1.92
NORTHPORT___2 23552	23.12 2.25 0.00	20.25 1.73 -0.07	18.66 1.68 -0.23	17.52 1.35 -0.31	17.95 1.42 -0.24	19.41 1.64 -0.26	22.29 1.91 0.00	24.26 2.35 0.00	25.20 2.64 0.00	25.45 2.85 0.00	31.57 2.92 -4.33	32.32 2.84 -4.99	33.54 2.86 -5.61	35.47 2.96 -5.83	47.19 3.18 -16.37	50.90 3.34 -17.71	47.10 4.08 -6.62	49.33 4.39 -5.76	52.75 4.25 -8.44	44.42 4.06 -2.00	40.06 3.20 -1.64	35.13 3.07 -0.09	31.52 3.08 -0.66	29.52 2.74 -1.92
NORTHPORT___3 23553	22.50 1.63 0.00	19.71 1.20 -0.07	18.18 1.19 -0.23	17.08 0.90 -0.31	17.48 0.94 -0.24	18.89 1.12 -0.26	21.68 1.31 0.00	23.60 1.69 0.00	24.55 1.99 0.00	24.79 2.19 0.00	30.83 2.19 -4.32	31.70 2.23 -4.98	31.85 2.26 -4.51	31.85 2.35 -2.83	31.85 2.52 -1.69	31.85 2.69 0.68	31.85 3.53 8.09	31.85 3.80 11.13	31.85 3.65 11.87	31.85 3.41 9.92	31.85 2.68 6.04	31.85 2.59 2.71	30.80 2.36 -0.66	28.85 2.06 -1.92
NORTHPORT___4 23650	22.50 1.63 0.00	19.71 1.20 -0.07	18.18 1.19 -0.23	17.08 0.90 -0.31	17.48 0.94 -0.24	18.89 1.12 -0.26	21.68 1.31 0.00	23.60 1.69 0.00	24.55 1.99 0.00	24.79 2.19 0.00	30.83 2.19 -4.32	31.70 2.23 -4.98	31.85 2.26 -4.51	31.85 2.35 -2.83	31.85 2.52 -1.69	31.85 2.69 0.68	31.85 3.53 8.09	31.85 3.80 11.13	31.85 3.65 11.87	31.85 3.41 9.92	31.85 2.68 6.04	31.85 2.59 2.71	30.80 2.36 -0.66	28.85 2.06 -1.92
NORTHPORT___IC 23718	23.12 2.25 0.00	20.25 1.73 -0.07	18.67 1.68 -0.23	17.52 1.35 -0.31	17.99 1.45 -0.24	19.41 1.65 -0.26	22.29 1.92 0.00	24.33 2.41 0.00	25.23 2.66 0.00	25.45 2.85 0.00	31.59 2.94 -4.33	32.35 2.87 -4.99	33.57 2.88 -5.61	35.47 2.96 -5.83	47.19 3.18 -16.37	50.90 3.34 -17.71	47.10 4.08 -6.62	49.33 4.39 -5.76	52.76 4.25 -8.44	44.42 4.07 -2.00	40.16 3.31 -1.64	35.13 3.07 -0.09	31.47 3.03 -0.66	29.52 2.74 -1.92
NORTH___COUNTRY_ESR 323785	20.33 -0.54 0.00	17.93 -0.52 0.00	16.20 -0.55 0.00	15.50 -0.36 0.00	15.90 -0.39 0.00	17.03 -0.47 0.00	19.85 -0.53 0.00	21.45 -0.46 0.00	21.77 -0.79 0.00	21.86 -0.75 0.00	23.47 -0.85 0.00	23.53 -0.96 0.01	21.69 -1.05 2.33	16.59 -1.17 8.92	15.69 -1.24 10.71	15.72 -1.34 12.78	15.38 -1.67 19.35	15.37 -1.80 22.01	17.79 -1.72 20.56	15.24 -1.80 21.31	15.20 -1.72 18.29	15.23 -1.53 15.21	15.06 -1.50 11.22	15.22 -1.34 8.30
NPX_GEN_1385_PROXY 323591	23.12 2.25 0.00	20.27 1.75 -0.07	18.70 1.71 -0.23	17.55 1.38 -0.31	17.99 1.45 -0.24	19.45 1.68 -0.26	22.29 1.91 0.00	24.30 2.39 0.00	25.24 2.57 -0.10	25.19 2.69 0.10	25.92 2.55 0.95	27.39 2.50 -0.40	29.46 2.48 -1.90	31.13 2.56 -1.89	33.93 2.79 -3.50	37.29 2.89 -4.55	42.00 3.72 -1.88	48.78 3.84 -5.76	50.00 3.65 -6.28	44.35 3.99 -2.00	39.84 2.99 -1.64	34.81 2.75 -0.09	31.30 2.86 -0.66	29.35 2.56 -1.92
NPX_GEN_CSC 323557	23.06 2.19 0.00	20.16 1.64 -0.07	18.60 1.61 -0.23	17.44 1.27 -0.31	17.87 1.34 -0.24	19.35 1.58 -0.26	22.21 1.83 0.00	24.19 2.28 0.00	25.28 2.62 -0.10	25.35 2.85 0.10	31.61 2.97 -4.33	32.49 3.01 -4.99	33.72 3.03 -5.61	35.63 3.12 -5.83	47.41 3.40 -16.37	51.26 3.70 -17.71	47.73 4.70 -6.62	50.04 5.09 -5.77	53.49 4.97 -8.45	45.04 4.68 -2.01	40.45 3.59 -1.64	35.61 3.55 -0.09	31.63 3.19 -0.66	29.55 2.76 -1.92
NSINS_S_GLNS_FALLS 23858	22.41 1.54 0.00	20.56 1.40 -0.71	20.52 1.24 -2.53	20.32 1.13 -3.33	20.12 1.19 -2.64	21.65 1.28 -2.87	21.40 1.02 0.00	22.99 1.07 0.00	23.78 1.22 0.00	23.64 1.04 0.00	25.46 1.14 0.00	25.76 1.27 0.00	26.41 1.33 0.00	28.01 1.33 0.00	29.11 1.47 0.00	31.58 1.73 0.00	38.52 2.11 0.00	41.65 2.47 0.00	42.80 2.72 0.00	40.70 2.34 0.00	45.80 2.43 -8.15	33.98 2.01 0.00	29.64 1.86 0.00	26.33 1.47 0.00
NUCOR_STEEL___DRP 24197	20.87 0.00 0.00	18.43 -0.02 0.00	16.72 -0.03 0.00	15.80 -0.06 0.00	16.26 -0.03 0.00	17.54 0.04 0.00	20.42 0.04 0.00	21.96 0.04 0.00	22.59 0.02 0.00	22.69 0.09 0.00	24.60 0.05 -0.23	24.78 0.05 -0.24	25.42 0.05 -0.29	27.34 0.13 -0.53	28.45 0.14 -0.67	30.98 0.15 -0.99	38.51 0.22 -1.88	41.72 0.27 -2.27	42.92 0.48 -2.37	40.90 0.42 -2.12	37.31 0.42 -1.67	33.48 0.26 -1.26	28.71 0.28 -0.65	25.29 0.12 -0.30
NUMBER_THREE_WT_PWR 323818	21.04 0.17 0.00	18.62 0.17 0.00	16.89 0.13 0.00	16.04 0.17 0.00	16.52 0.23 0.00	17.75 0.24 0.00	20.72 0.35 0.00	22.24 0.33 0.00	22.79 0.23 0.00	22.74 0.14 0.00	24.54 0.12 -0.10	24.72 0.12 -0.10	24.69 -0.03 0.36	25.09 0.05 1.64	25.72 0.03 1.95	27.60 0.00 2.25	33.17 0.00 3.23	35.72 0.16 3.62	37.16 0.36 3.27	35.43 0.61 3.54	32.75 0.63 3.10	29.72 0.39 2.64	25.96 0.25 2.07	23.38 0.12 1.61
NYISO_LBMP_REFERENCE 24008	20.87 0.00 0.00	18.45 0.00 0.00	16.76 0.00 0.00	15.87 0.00 0.00	16.29 0.00 0.00	17.50 0.00 0.00	20.38 0.00 0.00	21.92 0.00 0.00	22.56 0.00 0.00	22.60 0.00 0.00	24.32 0.00 0.00	24.49 0.00 0.00	25.08 0.00 0.00	26.68 0.00 0.00	27.64 0.00 0.00	29.85 0.00 0.00	36.41 0.00 0.00	39.18 0.00 0.00	40.07 0.00 0.00	38.36 0.00 0.00	35.22 0.00 0.00	31.97 0.00 0.00	27.78 0.00 0.00	24.87 0.00 0.00
NYPA_BRENTWD____GT 24164	23.31 2.44 0.00	20.40 1.88 -0.07	18.80 1.81 -0.23	17.63 1.46 -0.31	18.07 1.53 -0.24	19.56 1.79 -0.26	22.46 2.08 0.00	24.43 2.52 0.00	25.43 2.87 0.00	25.67 3.07 0.00	31.83 3.19 -4.33	32.66 3.18 -4.99	33.92 3.24 -5.61	35.87 3.36 -5.83	47.63 3.62 -16.37	51.47 3.91 -17.71	47.87 4.84 -6.62	50.15 5.21 -5.76	53.60 5.09 -8.44	45.19 4.83 -2.00	40.80 3.94 -1.64	35.84 3.77 -0.10	31.91 3.47 -0.66	29.85 3.06 -1.92

NYPA_GOWANUS____GT5 24156	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NYPA_GOWANUS____GT6 24157	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.91 1.37 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.97 2.33 -0.04	27.22 2.55 -0.35	28.92 2.65 -1.79	31.55 2.71 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.94 3.25 -4.84	41.21 4.18 -0.62	43.74 4.50 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.36 3.45 -1.69	35.11 3.13 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NYPA_HARLEM__RVR__GT1 24160	22.71 1.84 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.85 1.30 -0.25	19.19 1.42 -0.27	21.92 1.55 0.00	23.71 1.80 0.00	24.61 2.05 0.01	24.85 2.24 -0.01	27.05 2.43 -0.30	27.49 2.52 -0.47	28.36 2.58 -0.70	35.40 2.72 -6.00	35.42 2.82 -4.96	36.69 3.01 -3.83	40.56 3.72 -0.44	43.33 4.15 0.00	43.96 3.89 0.00	41.96 3.60 0.00	39.84 2.99 -1.63	34.91 2.94 0.00	30.42 2.64 0.00	27.16 2.29 -0.01
NYPA_HARLEM__RVR__GT2 24161	22.71 1.84 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.85 1.30 -0.25	19.19 1.42 -0.27	21.92 1.55 0.00	23.71 1.80 0.00	24.61 2.05 0.01	24.85 2.24 -0.01	27.05 2.43 -0.30	27.49 2.52 -0.47	28.36 2.58 -0.70	35.40 2.72 -6.00	35.42 2.82 -4.96	36.69 3.01 -3.83	40.56 3.72 -0.44	43.33 4.15 0.00	43.96 3.89 0.00	41.96 3.60 0.00	39.84 2.99 -1.63	34.91 2.94 0.00	30.42 2.64 0.00	27.16 2.29 -0.01
NYPA_KENT____GT 24152	22.74 1.86 -0.01	20.05 1.53 -0.07	18.47 1.47 -0.24	17.48 1.30 -0.32	17.88 1.34 -0.25	19.18 1.40 -0.27	21.97 1.59 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.95 2.31 -0.04	27.20 2.53 -0.35	28.87 2.59 -1.79	31.53 2.68 -3.77	35.61 2.83 -6.11	35.65 2.96 -5.05	37.48 3.20 -4.44	41.07 4.11 -0.55	43.60 4.39 -0.03	44.20 4.13 0.00	42.19 3.84 0.00	40.19 3.31 -1.67	35.04 3.07 0.00	30.48 2.69 0.00	27.13 2.26 0.00
NYPA_POUCH1____GT 24155	22.80 1.92 -0.01	20.13 1.60 -0.07	18.54 1.54 -0.24	17.55 1.36 -0.32	17.95 1.40 -0.25	19.25 1.47 -0.27	21.97 1.59 0.00	23.76 1.84 0.00	24.59 2.03 0.00	24.88 2.24 -0.04	27.15 2.48 -0.35	28.83 2.55 -1.79	31.48 2.63 -3.77	35.58 2.80 -6.11	35.62 2.93 -5.05	37.89 3.20 -4.84	41.10 4.08 -0.62	43.62 4.39 -0.06	44.20 4.13 0.00	42.19 3.84 0.00	40.26 3.35 -1.69	35.01 3.04 0.00	30.54 2.75 -0.01	27.21 2.34 -0.01
NYPA_VERNON____GT2 24162	22.67 1.80 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.43 1.25 -0.32	17.83 1.29 -0.25	19.14 1.37 -0.27	21.95 1.57 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.92 2.28 -0.04	27.18 2.51 -0.35	28.85 2.57 -1.79	31.48 2.63 -3.77	35.56 2.77 -6.11	35.59 2.90 -5.05	36.98 3.10 -4.03	40.89 4.00 -0.48	43.50 4.31 -0.01	44.12 4.05 0.00	42.07 3.72 0.00	40.06 3.20 -1.64	34.97 3.00 0.00	30.39 2.61 0.00	27.06 2.19 0.00
NYPA_VERNON____GT3 24163	22.67 1.80 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.43 1.25 -0.32	17.83 1.29 -0.25	19.14 1.37 -0.27	21.95 1.57 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.92 2.28 -0.04	27.18 2.51 -0.35	28.85 2.57 -1.79	31.48 2.63 -3.77	35.56 2.77 -6.11	35.59 2.90 -5.05	36.98 3.10 -4.03	40.89 4.00 -0.48	43.50 4.31 -0.01	44.12 4.05 0.00	42.07 3.72 0.00	40.06 3.20 -1.64	34.97 3.00 0.00	30.39 2.61 0.00	27.06 2.19 0.00
NYPA____ASTORIA_CC1 323568	22.65 1.77 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.42 1.24 -0.32	17.82 1.27 -0.25	19.12 1.35 -0.27	21.92 1.55 0.00	23.76 1.84 0.00	24.66 2.10 0.00	24.88 2.24 -0.04	27.13 2.46 -0.35	28.80 2.52 -1.79	31.43 2.58 -3.77	35.50 2.72 -6.11	35.51 2.82 -5.05	36.79 3.05 -3.89	40.76 3.90 -0.46	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.65 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.33 2.55 0.00	27.03 2.16 0.00
NYPA____ASTORIA_CC2 323569	22.65 1.77 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.42 1.24 -0.32	17.82 1.27 -0.25	19.12 1.35 -0.27	21.92 1.55 0.00	23.76 1.84 0.00	24.66 2.10 0.00	24.88 2.24 -0.04	27.13 2.46 -0.35	28.80 2.52 -1.79	31.43 2.58 -3.77	35.50 2.72 -6.11	35.51 2.82 -5.05	36.79 3.05 -3.89	40.76 3.90 -0.46	43.37 4.19 0.00	44.00 3.93 0.00	42.00 3.65 0.00	39.95 3.10 -1.64	34.91 2.94 0.00	30.33 2.55 0.00	27.03 2.16 0.00
NYPA____HOLTSVILL 23794	23.17 2.30 0.00	20.29 1.77 -0.07	18.70 1.71 -0.23	17.54 1.36 -0.31	17.97 1.43 -0.24	19.45 1.68 -0.26	22.33 1.96 0.00	24.30 2.39 0.00	25.29 2.73 0.00	25.54 2.94 0.00	31.66 3.02 -4.33	32.52 3.04 -4.99	33.74 3.06 -5.61	35.65 3.15 -5.83	47.38 3.37 -16.37	51.20 3.64 -17.71	47.61 4.59 -6.62	49.93 4.98 -5.77	53.36 4.85 -8.45	44.97 4.60 -2.01	40.48 3.63 -1.64	35.58 3.52 -0.09	31.71 3.28 -0.66	29.67 2.88 -1.92
NYPA____HELLGATE_GT1 24158	22.71 1.84 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.85 1.30 -0.25	19.19 1.42 -0.27	21.92 1.55 0.00	23.71 1.80 0.00	24.61 2.05 0.01	24.89 2.24 -0.05	27.13 2.43 -0.38	30.05 2.52 -3.03	34.37 2.58 -6.71	35.40 2.72 -6.00	35.42 2.82 -4.96	36.69 3.01 -3.83	40.56 3.72 -0.44	43.33 4.15 0.00	43.96 3.89 0.00	41.96 3.60 0.00	39.84 2.99 -1.63	34.91 2.94 0.00	30.42 2.64 0.00	27.16 2.29 -0.01
NYPA____HELLGATE_GT2 24159	22.71 1.84 -0.01	20.05 1.53 -0.07	18.44 1.44 -0.24	17.43 1.25 -0.32	17.85 1.30 -0.25	19.19 1.42 -0.27	21.92 1.55 0.00	23.71 1.80 0.00	24.61 2.05 0.01	24.89 2.24 -0.05	27.13 2.43 -0.38	30.05 2.52 -3.03	34.37 2.58 -6.71	35.40 2.72 -6.00	35.42 2.82 -4.96	36.69 3.01 -3.83	40.56 3.72 -0.44	43.33 4.15 0.00	43.96 3.89 0.00	41.96 3.60 0.00	39.84 2.99 -1.63	34.91 2.94 0.00	30.42 2.64 0.00	27.16 2.29 -0.01
NYS_BARGE____HYD 23848	19.56 -1.31 0.00	17.27 -1.18 0.00	15.60 -1.16 0.00	14.80 -1.06 0.00	15.15 -1.14 0.00	16.44 -1.07 0.00	19.15 -1.22 0.00	20.82 -1.10 0.00	21.64 -0.93 0.00	21.61 -0.99 0.00	23.57 -0.75 0.00	23.54 -0.96 0.00	24.07 -1.00 0.00	25.58 -1.09 0.00	26.34 -1.30 0.00	28.62 -1.23 0.00	34.48 -1.93 -0.01	37.11 -2.08 -0.01	38.16 -1.92 -0.01	36.33 -2.03 -0.01	33.57 -1.65 -0.01	30.12 -1.86 0.00	26.48 -1.31 0.00	24.12 -0.75 0.00
OAK ORCHARD____HYD 24046	20.12 -0.75 0.00	17.77 -0.68 0.00	16.09 -0.67 0.00	15.23 -0.64 0.00	15.64 -0.65 0.00	16.91 -0.60 0.00	19.68 -0.69 0.00	21.35 -0.57 0.00	22.07 -0.50 0.00	22.08 -0.52 0.00	23.93 -0.39 0.00	24.03 -0.47 0.00	24.63 -0.45 0.00	26.22 -0.45 0.00	27.09 -0.55 0.00	29.37 -0.48 0.00	35.57 -0.84 0.00	38.32 -0.86 0.00	39.27 -0.80 0.00	37.55 -0.81 0.00	34.62 -0.60 0.00	31.11 -0.86 0.00	27.20 -0.58 0.00	24.49 -0.37 0.00

OAKDALE___35_KV_LOAD 356122	21.04 0.17 0.00	18.59 -0.11 -0.03	16.95 0.10 -0.09	16.04 0.05 -0.12	16.49 0.10 -0.10	17.73 0.12 -0.11	20.56 0.18 0.00	22.20 0.28 0.00	22.86 0.29 0.00	22.94 0.34 0.00	24.75 0.34 -0.09	24.93 0.34 -0.10	25.55 0.35 -0.12	27.32 0.43 -0.21	28.35 0.44 -0.27	30.72 0.48 -0.40	37.71 0.55 -0.75	40.72 0.63 -0.91	41.74 0.72 -0.95	39.86 0.65 -0.85	37.11 0.63 -1.26	32.89 0.42 -0.50	28.46 0.42 -0.26	25.31 0.32 -0.12
OCC_CHEM___DRP 24175	19.08 -1.79 0.00	16.86 -1.59 0.00	15.23 -1.52 0.00	14.45 -1.41 0.00	14.87 -1.42 0.00	16.05 -1.45 0.00	18.71 -1.67 0.00	20.47 -1.45 0.00	21.12 -1.44 0.00	21.31 -1.29 0.00	22.79 -1.53 0.00	22.90 -1.59 0.00	23.30 -1.78 0.00	24.84 -1.84 0.00	25.68 -1.96 0.00	27.76 -2.09 0.00	33.47 -2.91 0.03	35.94 -3.21 0.03	36.92 -3.13 0.03	35.15 -3.18 0.03	32.69 -2.71 -0.18	29.22 -2.75 0.00	26.06 -1.72 0.00	23.55 -1.32 0.00
OH_GEN_PROXY 24063	19.39 -1.48 0.00	17.14 -1.31 0.00	15.48 -1.27 0.00	14.69 -1.17 0.00	15.04 -1.25 0.00	16.31 -1.19 0.00	18.99 -1.39 0.00	20.62 -1.29 0.00	21.54 -1.13 -0.10	21.30 -1.20 0.10	23.30 -1.02 0.00	23.27 -1.22 0.00	23.80 -1.28 0.00	25.24 -1.44 0.00	25.98 -1.66 0.00	28.23 -1.61 0.00	34.00 -2.40 0.00	36.59 -2.59 0.00	37.54 -2.52 0.00	35.78 -2.57 0.00	33.10 -2.11 0.00	29.77 -2.21 0.00	26.20 -1.58 0.00	23.87 -1.00 0.00
OLIN_CORP_DRP 24177	19.28 -1.59 0.00	17.05 -1.40 0.00	15.40 -1.36 0.00	14.61 -1.25 0.00	15.04 -1.25 0.00	16.23 -1.28 0.00	18.93 -1.45 0.00	20.73 -1.18 0.00	21.37 -1.20 0.00	21.56 -1.04 0.00	23.08 -1.24 0.00	23.17 -1.32 0.00	23.57 -1.50 0.00	25.16 -1.52 0.00	26.01 -1.63 0.00	28.15 -1.70 0.00	33.97 -2.44 0.00	36.44 -2.74 0.00	37.43 -2.64 0.00	35.63 -2.72 0.00	33.15 -2.29 -0.23	29.60 -2.37 0.00	26.34 -1.44 0.00	23.80 -1.07 0.00
OLIN_CORP_DSASP 323712	19.08 -1.79 0.00	16.86 -1.59 0.00	15.23 -1.52 0.00	14.45 -1.41 0.00	14.79 -1.50 0.00	16.05 -1.45 0.00	18.69 -1.69 0.00	20.29 -1.62 0.00	21.10 -1.47 0.00	21.04 -1.56 0.00	22.94 -1.39 0.00	22.90 -1.59 0.00	23.42 -1.66 0.00	24.84 -1.84 0.00	25.54 -2.10 0.00	27.76 -2.09 0.00	33.40 -2.98 0.03	35.90 -3.25 0.03	36.92 -3.13 0.03	35.15 -3.18 0.03	32.69 -2.71 -0.18	29.22 -2.75 0.00	25.78 -2.00 0.00	23.52 -1.34 0.00
ONEIDA_HERK_LFGE 323681	21.25 0.38 0.00	18.80 0.35 0.00	17.06 0.30 0.00	16.15 0.29 0.00	16.62 0.33 0.00	17.89 0.38 0.00	20.86 0.49 0.00	22.42 0.50 0.00	23.04 0.47 0.00	23.01 0.41 0.00	24.81 0.44 -0.05	24.99 0.44 -0.05	25.42 0.43 0.08	26.76 0.53 0.45	27.67 0.55 0.53	29.86 0.60 0.59	36.37 0.77 0.80	39.24 0.94 0.88	40.47 1.16 0.76	38.75 1.26 0.87	35.60 1.16 0.78	32.19 0.89 0.68	27.91 0.69 0.56	24.95 0.55 0.46
ONEIDA___115KV_TB4 55905	21.39 0.52 0.00	18.93 0.48 0.00	17.18 0.42 0.00	16.21 0.35 0.00	16.72 0.42 0.00	17.99 0.49 0.00	20.99 0.61 0.00	22.57 0.66 0.00	23.19 0.63 0.00	23.21 0.61 0.00	25.05 0.66 -0.07	25.23 0.66 -0.08	25.90 0.73 -0.09	27.72 0.88 -0.17	28.74 0.88 -0.21	31.11 0.96 -0.31	38.23 1.24 -0.59	41.34 1.45 -0.71	42.49 1.68 -0.74	40.74 1.73 -0.66	37.32 1.58 -0.52	33.64 1.28 -0.39	29.01 1.03 -0.20	25.78 0.82 -0.10
ONONDAGA_REF_OCCRA 23987	20.70 -0.17 0.00	18.28 -0.17 0.00	16.59 -0.17 0.00	15.67 -0.19 0.00	16.13 -0.16 0.00	17.36 -0.14 0.00	20.21 -0.16 0.00	21.72 -0.20 0.00	22.36 -0.20 0.00	22.46 -0.14 0.00	24.32 -0.17 -0.17	24.52 -0.15 -0.18	25.14 -0.15 -0.22	26.99 -0.08 -0.39	28.08 -0.06 -0.49	30.48 -0.09 -0.73	37.64 -0.15 -1.38	40.65 -0.20 -1.67	41.73 -0.08 -1.74	39.80 -0.12 -1.56	36.38 -0.07 -1.23	32.74 -0.16 -0.92	28.18 -0.08 -0.48	24.91 -0.17 -0.22
ONONDAGA___COGEN 23986	20.81 -0.06 0.00	18.38 -0.07 0.00	16.67 -0.08 0.00	15.75 -0.11 0.00	16.21 -0.08 0.00	17.45 -0.05 0.00	20.32 -0.06 0.00	21.83 -0.09 0.00	22.45 -0.11 0.00	22.58 -0.02 0.00	24.50 -0.07 -0.25	24.69 -0.07 -0.27	25.36 -0.05 -0.33	27.30 0.03 -0.59	28.42 0.03 -0.75	30.95 0.00 -1.11	38.52 0.00 -2.11	41.73 0.00 -2.55	42.85 0.12 -2.66	40.85 0.12 -2.38	37.20 0.11 -1.88	33.38 0.00 -1.41	28.57 0.06 -0.73	25.16 -0.05 -0.34
ONTARIO___LFGE 23819	20.66 -0.21 0.00	18.21 -0.24 0.00	16.49 -0.27 0.00	15.60 -0.27 0.00	16.02 -0.28 0.00	17.35 -0.16 0.00	20.25 -0.12 0.00	21.92 0.00 0.00	22.59 0.02 0.00	22.67 0.07 0.00	24.54 0.15 -0.07	24.67 0.10 -0.08	25.28 0.10 -0.10	27.06 0.21 -0.17	28.06 0.19 -0.22	30.38 0.21 -0.32	37.24 0.22 -0.62	40.28 0.35 -0.75	41.49 0.64 -0.78	39.55 0.50 -0.70	36.26 0.49 -0.55	32.51 0.13 -0.41	28.16 0.17 -0.21	25.12 0.15 -0.10
ORANGEVILLE_WT_PWR 323706	19.95 -0.92 0.00	17.58 -0.87 0.00	15.87 -0.89 0.00	15.01 -0.86 0.00	15.38 -0.91 0.00	16.68 -0.82 0.00	19.46 -0.92 0.00	21.13 -0.79 0.00	21.95 -0.61 0.00	21.99 -0.61 0.00	23.91 -0.41 0.00	23.88 -0.61 0.00	24.43 -0.65 0.00	26.01 -0.67 0.00	26.81 -0.83 0.00	29.07 -0.78 0.00	35.10 -1.31 0.00	37.81 -1.37 0.00	38.87 -1.20 0.00	37.05 -1.30 0.00	34.33 -1.16 -0.27	30.53 -1.44 0.00	26.75 -1.03 0.00	24.24 -0.62 0.00
ORANGEVILLE___ESR 323794	19.95 -0.92 0.00	17.58 -0.87 0.00	15.87 -0.89 0.00	15.01 -0.86 0.00	15.38 -0.91 0.00	16.68 -0.82 0.00	19.46 -0.92 0.00	21.13 -0.79 0.00	21.95 -0.61 0.00	21.99 -0.61 0.00	23.91 -0.41 0.00	23.88 -0.61 0.00	24.43 -0.65 0.00	26.01 -0.67 0.00	26.81 -0.83 0.00	29.07 -0.78 0.00	35.10 -1.31 0.00	37.81 -1.37 0.00	38.87 -1.20 0.00	37.05 -1.30 0.00	34.33 -1.16 -0.27	30.53 -1.44 0.00	26.75 -1.03 0.00	24.24 -0.62 0.00
OSWEGATCHIE___HYD 24044	20.47 -0.40 0.00	18.14 -0.31 0.00	16.42 -0.33 0.00	15.77 -0.09 0.00	16.21 -0.08 0.00	17.26 -0.25 0.00	20.15 -0.22 0.00	21.65 -0.26 0.00	22.16 -0.41 0.00	22.15 -0.45 0.00	23.85 -0.56 -0.08	24.02 -0.56 -0.09	23.25 -0.68 1.16	21.31 -0.72 4.64	21.27 -0.80 5.57	22.41 -0.87 6.57	25.54 -1.06 9.81	26.90 -1.17 11.10	28.75 -1.04 10.28	26.80 -0.77 10.78	25.31 -0.60 9.31	23.61 -0.57 7.79	21.52 -0.42 5.85	20.10 -0.37 4.40
OSWEGO___5 23606	20.49 -0.38 0.00	18.10 -0.35 0.00	16.44 -0.32 0.00	15.55 -0.32 0.00	15.97 -0.33 0.00	17.21 -0.30 0.00	20.01 -0.37 0.00	21.48 -0.44 0.00	22.09 -0.47 0.00	22.12 -0.48 0.00	24.94 -0.49 -1.11	25.18 -0.49 -1.18	26.01 -0.50 -1.44	28.79 -0.48 -2.59	30.40 -0.53 -3.29	34.11 -0.57 -4.83	44.88 -0.73 -9.20	49.51 -0.78 -11.11	50.94 -0.72 -11.59	48.04 -0.69 -10.37	42.81 -0.60 -8.19	37.49 -0.64 -6.16	30.43 -0.53 -3.18	25.86 -0.50 -1.49
OSWEGO___6 23613	20.49 -0.38 0.00	18.10 -0.35 0.00	16.44 -0.32 0.00	15.55 -0.32 0.00	15.97 -0.33 0.00	17.21 -0.30 0.00	20.01 -0.37 0.00	21.48 -0.44 0.00	22.09 -0.47 0.00	22.12 -0.48 0.00	24.94 -0.49 -1.11	25.18 -0.49 -1.18	26.01 -0.50 -1.44	28.79 -0.48 -2.59	30.40 -0.53 -3.29	34.11 -0.57 -4.83	44.88 -0.73 -9.20	49.51 -0.78 -11.11	50.94 -0.72 -11.59	48.04 -0.69 -10.37	42.81 -0.60 -8.19	37.49 -0.64 -6.16	30.43 -0.53 -3.18	25.86 -0.50 -1.49

OUTOKUMPU-AB___DRP 24206	19.64 -1.23 0.00	17.32 -1.13 0.00	15.65 -1.11 0.00	14.85 -1.02 0.00	15.30 -0.99 0.00	16.51 -1.00 0.00	19.26 -1.12 0.00	21.10 -0.81 0.00	21.77 -0.79 0.00	21.99 -0.61 0.00	23.57 -0.75 0.00	23.66 -0.83 0.00	24.10 -0.98 0.00	25.77 -0.91 0.00	26.65 -1.00 0.00	28.80 -1.04 0.00	34.83 -1.60 -0.03	37.40 -1.80 -0.03	38.46 -1.64 -0.03	36.58 -1.80 -0.03	34.00 -1.48 -0.27	30.28 -1.69 0.00	26.86 -0.92 0.00	24.24 -0.62 0.00
OXBOW___BTM 323836	19.37 -1.50 0.00	17.10 -1.35 0.00	15.45 -1.31 0.00	14.66 -1.21 0.00	15.00 -1.29 0.00	16.28 -1.23 0.00	18.97 -1.41 0.00	20.62 -1.29 0.00	21.44 -1.13 0.00	21.40 -1.20 0.00	23.35 -0.97 0.00	23.32 -1.18 0.00	23.87 -1.20 0.00	25.34 -1.33 0.00	26.07 -1.57 0.00	28.33 -1.52 0.00	34.18 -2.26 -0.03	36.74 -2.47 -0.03	37.77 -2.33 -0.03	35.97 -2.42 -0.03	33.44 -2.04 -0.26	29.80 -2.18 0.00	26.23 -1.56 0.00	23.92 -0.94 0.00
OXBOW___ 24026	19.37 -1.50 0.00	17.10 -1.35 0.00	15.45 -1.31 0.00	14.66 -1.21 0.00	15.09 -1.21 0.00	16.28 -1.23 0.00	18.99 -1.39 0.00	20.80 -1.12 0.00	21.46 -1.11 0.00	21.67 -0.93 0.00	23.20 -1.12 0.00	23.32 -1.18 0.00	23.72 -1.35 0.00	25.34 -1.33 0.00	26.20 -1.44 0.00	28.35 -1.49 0.00	34.25 -2.18 -0.03	36.74 -2.47 -0.03	37.78 -2.32 -0.03	35.97 -2.42 -0.03	33.44 -2.04 -0.26	29.80 -2.17 0.00	26.47 -1.31 0.00	23.92 -0.94 0.00
OXY_CHEM_DSASP 323612	19.08 -1.79 0.00	16.86 -1.59 0.00	15.23 -1.52 0.00	14.45 -1.41 0.00	14.87 -1.42 0.00	16.05 -1.45 0.00	18.71 -1.67 0.00	20.47 -1.45 0.00	21.12 -1.44 0.00	21.31 -1.29 0.00	22.79 -1.53 0.00	22.90 -1.59 0.00	23.30 -1.78 0.00	24.84 -1.84 0.00	25.68 -1.96 0.00	27.76 -2.09 0.00	33.47 -2.91 0.03	35.94 -3.21 0.03	36.92 -3.13 0.03	35.15 -3.18 0.03	32.69 -2.71 -0.18	29.22 -2.75 0.00	26.06 -1.72 0.00	23.55 -1.32 0.00
OZONE_PARK_ESR 323760	22.75 1.88 0.00	20.05 1.53 -0.07	18.48 1.49 -0.23	17.47 1.30 -0.31	17.90 1.37 -0.24	19.19 1.42 -0.26	22.07 1.69 0.00	24.02 2.10 0.00	24.91 2.35 0.00	25.10 2.46 -0.04	27.41 2.75 -0.34	29.04 2.79 -1.76	31.62 2.83 -3.71	35.65 2.96 -6.01	35.71 3.10 -4.97	37.02 3.34 -3.83	41.26 4.41 -0.45	43.88 4.70 0.00	44.60 4.53 0.00	42.57 4.22 0.00	40.59 3.73 -1.64	35.26 3.29 0.00	30.53 2.75 0.00	27.23 2.36 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.08 -1.79 0.00	16.86 -1.59 0.00	15.23 -1.52 0.00	14.45 -1.41 0.00	14.87 -1.42 0.00	16.05 -1.45 0.00	18.71 -1.67 0.00	20.47 -1.45 0.00	21.12 -1.44 0.00	21.31 -1.29 0.00	22.79 -1.53 0.00	22.90 -1.59 0.00	23.30 -1.78 0.00	24.84 -1.84 0.00	25.68 -1.96 0.00	27.76 -2.09 0.00	33.47 -2.91 0.03	35.94 -3.21 0.03	36.92 -3.13 0.03	35.15 -3.18 0.03	32.69 -2.71 -0.18	29.22 -2.75 0.00	26.06 -1.72 0.00	23.55 -1.32 0.00
PACKARD___115KV_DUPONT_184 80571	19.08 -1.79 0.00	16.86 -1.59 0.00	15.23 -1.52 0.00	14.45 -1.41 0.00	14.87 -1.42 0.00	16.05 -1.45 0.00	18.71 -1.67 0.00	20.47 -1.45 0.00	21.12 -1.44 0.00	21.31 -1.29 0.00	22.79 -1.53 0.00	22.90 -1.59 0.00	23.30 -1.78 0.00	24.84 -1.84 0.00	25.68 -1.96 0.00	27.76 -2.09 0.00	33.47 -2.91 0.03	35.94 -3.21 0.03	36.92 -3.13 0.03	35.15 -3.18 0.03	32.69 -2.71 -0.18	29.22 -2.75 0.00	26.06 -1.72 0.00	23.55 -1.32 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.71 1.84 -0.01	20.04 1.51 -0.07	18.42 1.42 -0.24	17.42 1.24 -0.32	17.88 1.34 -0.25	19.16 1.38 -0.27	21.90 1.53 0.00	23.71 1.80 0.00	24.57 2.01 0.00	24.76 2.15 -0.01	26.99 2.38 -0.29	27.25 2.42 -0.34	27.95 2.48 -0.38	35.29 2.61 -6.00	35.31 2.71 -4.96	36.57 2.90 -3.83	40.60 3.75 -0.44	43.29 4.11 0.00	43.92 3.85 0.00	41.92 3.57 0.00	39.88 3.03 -1.64	34.85 2.88 0.00	30.34 2.56 0.00	27.14 2.26 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.94 2.07 -0.01	20.24 1.72 -0.07	18.62 1.63 -0.24	17.61 1.43 -0.32	18.06 1.52 -0.25	19.35 1.58 -0.27	22.13 1.75 0.00	23.98 2.06 0.00	24.84 2.28 0.00	25.05 2.44 -0.01	27.31 2.70 -0.29	27.55 2.72 -0.34	28.27 2.81 -0.38	35.61 2.93 -6.00	35.67 3.07 -4.96	36.96 3.28 -3.83	41.14 4.30 -0.44	43.88 4.70 0.00	44.52 4.45 0.00	42.50 4.14 0.00	40.41 3.56 -1.64	35.26 3.29 0.00	30.70 2.92 0.00	27.41 2.54 -0.01
PATROON___115KV_TB1 80586	21.66 0.79 0.00	19.86 0.90 -0.50	19.39 0.84 -1.79	18.99 0.76 -2.36	18.95 0.78 -1.87	20.36 0.82 -2.03	21.31 0.94 0.00	22.79 0.88 0.00	23.49 0.93 0.00	23.35 0.75 0.00	25.17 0.85 0.00	25.42 0.93 0.00	26.01 0.93 0.00	27.58 0.91 0.00	28.64 1.00 0.00	30.95 1.10 0.00	38.01 1.60 0.00	41.02 1.84 0.00	41.95 1.88 0.00	40.16 1.80 0.00	43.04 1.69 -6.13	33.41 1.44 0.00	28.98 1.19 0.00	25.86 0.99 0.00
PATTRSNVILLE___SOLAR 323815	21.77 0.90 0.00	19.98 0.79 -0.74	20.12 0.74 -2.63	19.98 0.65 -3.46	19.70 0.67 -2.74	21.22 0.74 -2.98	21.23 0.86 0.00	22.84 0.92 0.00	23.58 1.02 0.00	23.55 0.95 0.00	25.27 0.95 0.00	25.50 1.00 0.00	26.13 1.05 0.00	27.77 1.09 0.00	28.83 1.19 0.00	31.19 1.34 0.00	38.15 1.75 0.00	41.14 1.96 0.00	42.19 2.12 0.00	40.35 1.99 0.00	45.49 1.87 -8.41	33.54 1.57 0.00	29.14 1.36 0.00	25.96 1.09 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.06 -0.81 0.00	17.69 -0.76 0.00	15.99 -0.77 0.00	15.14 -0.73 0.00	15.61 -0.68 0.00	16.84 -0.67 0.00	19.68 -0.69 0.00	21.50 -0.42 0.00	22.22 -0.34 0.00	22.42 -0.18 0.00	24.08 -0.24 0.00	24.17 -0.32 0.00	24.63 -0.45 0.00	26.38 -0.29 0.00	27.31 -0.33 0.00	29.55 -0.30 0.00	35.72 -0.69 0.00	38.44 -0.74 0.00	39.51 -0.56 0.00	37.55 -0.81 0.00	34.87 -0.60 -0.26	30.98 -0.99 0.00	27.34 -0.44 0.00	24.72 -0.15 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.46 1.59 0.00	19.87 1.35 -0.07	18.29 1.29 -0.24	17.33 1.14 -0.32	17.75 1.21 -0.26	19.04 1.26 -0.28	21.86 1.49 0.00	23.67 1.75 0.00	24.62 2.05 0.00	24.63 2.03 0.00	26.63 2.31 0.00	26.89 2.40 0.00	27.59 2.51 0.00	29.21 2.53 0.00	30.32 2.68 0.00	32.74 2.90 0.00	40.37 3.97 0.00	43.41 4.23 0.00	44.32 4.25 0.00	42.23 3.87 0.00	40.35 3.45 -1.68	34.91 2.94 0.00	30.17 2.39 0.00	26.90 2.04 0.00
PEEKSKILL___ 23653	22.33 1.46 0.00	19.73 1.22 -0.06	18.16 1.17 -0.23	17.18 1.02 -0.30	17.59 1.06 -0.24	18.90 1.14 -0.26	21.72 1.34 0.00	23.51 1.60 0.00	24.41 1.85 0.00	24.52 1.92 0.00	26.44 2.11 0.00	26.65 2.16 0.00	27.29 2.21 0.00	28.97 2.29 0.00	30.05 2.40 0.00	32.41 2.57 0.00	39.87 3.46 0.00	42.90 3.72 0.00	43.68 3.61 0.00	41.69 3.34 0.00	39.72 2.89 -1.61	34.53 2.56 0.00	29.95 2.17 0.00	26.68 1.81 0.00
PGE MADISON___WINDPWR 24146	22.12 1.25 0.00	19.63 1.14 -0.04	17.86 0.97 -0.13	16.90 0.86 -0.17	17.37 0.94 -0.14	18.81 1.16 -0.15	21.84 1.47 0.00	24.35 2.43 0.00	24.93 2.37 0.00	24.91 2.31 0.00	26.84 2.46 -0.07	27.01 2.45 -0.07	27.95 2.78 -0.08	30.06 3.23 -0.15	30.99 3.15 -0.19	33.65 3.52 -0.29	41.17 4.22 -0.54	44.97 5.13 -0.66	46.61 5.85 -0.68	44.87 5.90 -0.61	41.86 5.21 -1.43	36.62 4.29 -0.36	31.24 3.28 -0.19	27.66 2.71 -0.09

PIERCEFIELD___HYD 23852	20.08 -0.79 0.00	17.79 -0.66 0.00	16.09 -0.67 0.00	15.63 -0.24 0.00	15.82 -0.47 0.00	16.91 -0.60 0.00	19.77 -0.61 0.00	21.24 -0.68 0.00	21.71 -0.86 0.00	21.70 -0.90 0.00	23.30 -1.02 0.00	23.41 -1.08 0.01	21.99 -1.18 1.91	18.04 -1.33 7.30	17.41 -1.47 8.77	17.80 -1.58 10.46	18.63 -1.93 15.85	18.93 -2.23 18.02	20.95 -2.28 16.84	18.91 -1.99 17.45	18.48 -1.76 14.97	18.11 -1.41 12.45	17.62 -0.97 9.18	17.27 -0.80 6.80
PINELAWN_CC_1 323563	23.08 2.21 0.00	20.21 1.70 -0.07	18.63 1.64 -0.23	17.49 1.32 -0.31	17.92 1.38 -0.24	19.38 1.61 -0.26	22.25 1.87 0.00	24.22 2.30 0.00	25.18 2.62 0.00	25.43 2.82 0.00	31.57 2.92 -4.33	32.42 2.94 -4.99	33.69 3.01 -5.61	35.63 3.12 -5.83	47.35 3.34 -16.37	51.17 3.61 -17.71	47.69 4.66 -6.62	50.00 5.06 -5.76	53.44 4.93 -8.44	45.00 4.64 -2.00	40.58 3.73 -1.64	35.67 3.58 -0.12	31.63 3.19 -0.66	29.57 2.78 -1.92
PJM_GEN_HTTP_PROXY 323702	22.56 1.69 0.00	19.92 1.40 -0.07	18.35 1.36 -0.23	17.35 1.17 -0.31	17.74 1.21 -0.24	19.05 1.28 -0.26	21.91 1.53 0.00	23.78 1.86 0.00	24.79 2.12 -0.10	24.82 2.28 0.06	27.14 2.48 -0.34	28.77 2.55 -1.73	31.30 2.58 -3.64	35.27 2.69 -5.91	35.37 2.85 -4.88	36.66 3.05 -3.77	40.85 4.00 -0.44	43.45 4.27 0.00	44.16 4.09 0.00	42.12 3.76 0.00	40.13 3.28 -1.64	34.91 2.94 0.00	30.31 2.53 0.00	26.98 2.11 0.00
PJM_GEN_KEystone 24065	21.10 0.23 0.00	18.66 0.17 -0.04	17.03 0.13 -0.14	16.13 0.08 -0.19	16.52 0.08 -0.15	17.82 0.16 -0.16	20.60 0.22 0.00	22.31 0.39 0.00	23.27 0.61 -0.10	23.13 0.63 0.10	25.12 0.78 -0.02	25.35 0.73 -0.12	26.07 0.73 -0.26	27.84 0.75 -0.42	28.76 0.77 -0.35	30.98 0.87 -0.27	37.35 1.13 0.19	40.12 1.25 0.31	40.83 1.20 0.45	39.04 1.00 0.31	36.85 0.84 -0.79	32.61 0.64 0.00	28.42 0.64 0.00	25.49 0.62 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.73 1.86 0.00	19.94 1.42 -0.07	18.36 1.37 -0.23	17.27 1.09 -0.31	17.68 1.14 -0.24	19.10 1.33 -0.26	21.92 1.55 0.00	23.84 1.93 0.00	24.90 2.23 -0.10	24.92 2.42 0.10	31.15 2.51 -4.33	32.03 2.55 -4.99	33.27 2.58 -5.61	35.18 2.67 -5.83	46.88 2.87 -16.37	50.60 3.05 -17.71	47.00 3.97 -6.62	49.21 4.27 -5.76	52.68 4.17 -8.44	44.23 3.87 -2.00	40.02 3.17 -1.64	35.05 3.00 -0.08	31.13 2.69 -0.66	29.10 2.31 -1.92
PJM_GEN_VFT_PROXY 323633	22.48 1.61 0.00	19.81 1.29 -0.07	18.26 1.27 -0.23	17.27 1.09 -0.31	17.66 1.12 -0.24	18.96 1.19 -0.26	21.82 1.45 0.00	23.67 1.75 0.00	24.70 2.03 -0.10	24.71 2.17 0.06	27.02 2.36 -0.34	28.68 2.43 -1.76	31.24 2.46 -3.71	35.22 2.54 -6.01	35.29 2.68 -4.97	36.52 2.84 -3.83	37.47 3.75 2.69	38.75 3.96 4.38	37.47 3.77 6.37	37.43 3.45 4.38	37.17 3.03 1.08	34.75 2.78 0.00	30.14 2.36 0.00	26.83 1.96 0.00
PLATSBURG_115KV_PMLD1 355749	20.64 -0.23 0.00	18.19 -0.26 0.00	16.39 -0.37 0.00	15.69 -0.17 0.00	16.00 -0.29 0.00	17.28 -0.23 0.00	20.23 -0.14 0.00	21.87 -0.04 0.00	21.89 -0.68 0.00	21.99 -0.61 0.00	23.62 -0.71 0.00	23.65 -0.83 0.01	21.76 -0.95 2.37	16.59 -1.04 9.05	15.61 -1.16 10.87	15.68 -1.19 12.97	15.30 -1.46 19.65	15.39 -1.45 22.34	18.19 -1.00 20.87	15.45 -1.27 21.64	15.38 -1.27 18.56	15.29 -1.25 15.44	15.03 -1.36 11.39	15.17 -1.27 8.43
PLEASANTVLY___LBMP 24000	22.18 1.31 0.00	19.65 1.13 -0.07	18.10 1.09 -0.25	17.15 0.95 -0.33	17.56 1.01 -0.26	18.84 1.05 -0.28	21.64 1.26 0.00	23.41 1.49 0.00	24.21 1.65 0.00	24.23 1.63 0.00	26.14 1.82 0.00	26.35 1.86 0.00	26.98 1.91 0.00	28.62 1.95 0.00	29.69 2.05 0.00	32.06 2.21 0.00	39.36 2.95 0.00	42.39 3.21 0.00	43.16 3.09 0.00	41.27 2.92 0.00	39.56 2.61 -1.74	34.24 2.27 0.00	29.67 1.89 0.00	26.48 1.62 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.39 1.52 0.00	19.79 1.27 -0.07	18.21 1.22 -0.23	17.24 1.06 -0.31	17.68 1.14 -0.25	18.96 1.19 -0.27	21.78 1.41 0.00	23.65 1.73 0.00	24.50 1.94 0.00	24.59 1.99 0.00	26.56 2.24 0.00	26.77 2.28 0.00	27.41 2.33 0.00	29.08 2.40 0.00	30.16 2.52 0.00	32.53 2.69 0.00	40.01 3.60 0.00	43.06 3.88 0.00	43.84 3.77 0.00	41.85 3.49 0.00	39.97 3.10 -1.65	34.66 2.69 0.00	30.00 2.22 0.00	26.78 1.91 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.39 1.52 0.00	19.79 1.27 -0.07	18.21 1.22 -0.23	17.24 1.06 -0.31	17.68 1.14 -0.25	18.96 1.19 -0.27	21.78 1.41 0.00	23.65 1.73 0.00	24.50 1.94 0.00	24.59 1.99 0.00	26.56 2.24 0.00	26.77 2.28 0.00	27.41 2.33 0.00	29.08 2.40 0.00	30.16 2.52 0.00	32.53 2.69 0.00	40.01 3.60 0.00	43.06 3.88 0.00	43.84 3.77 0.00	41.85 3.49 0.00	39.97 3.10 -1.65	34.66 2.69 0.00	30.00 2.22 0.00	26.78 1.91 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.31 1.44 0.00	19.75 1.22 -0.08	18.20 1.16 -0.29	17.26 1.02 -0.38	17.67 1.08 -0.30	18.97 1.14 -0.33	21.74 1.37 0.00	23.51 1.60 0.00	24.32 1.76 0.00	24.32 1.72 0.00	26.24 1.92 0.00	26.48 1.98 0.00	27.13 2.06 0.00	28.78 2.11 0.00	29.91 2.27 0.00	32.29 2.45 0.00	39.72 3.31 0.00	42.82 3.64 0.00	43.60 3.53 0.00	41.65 3.30 0.00	40.02 2.99 -1.81	34.53 2.56 0.00	29.89 2.11 0.00	26.66 1.79 0.00
POLETTI_____ 23519	22.54 1.67 0.00	19.88 1.37 -0.07	18.33 1.34 -0.23	17.35 1.17 -0.31	17.79 1.25 -0.24	19.03 1.26 -0.26	21.88 1.51 0.00	23.78 1.86 0.00	24.66 2.10 0.00	24.86 2.21 -0.04	27.12 2.46 -0.34	28.75 2.50 -1.76	31.34 2.56 -3.71	35.33 2.64 -6.01	35.37 2.76 -4.97	36.67 2.98 -3.83	40.75 3.90 -0.45	43.37 4.19 0.00	44.04 3.97 0.00	42.04 3.68 0.00	40.13 3.28 -1.64	34.88 2.91 0.00	30.20 2.42 0.00	26.93 2.06 0.00
POMONA___ESR 323819	22.31 1.44 0.00	19.71 1.20 -0.06	18.13 1.16 -0.22	17.16 1.00 -0.29	17.55 1.03 -0.23	18.88 1.12 -0.25	21.70 1.32 0.00	23.49 1.58 0.00	24.43 1.87 0.00	24.54 1.94 0.00	26.44 2.11 0.00	26.65 2.16 0.00	27.29 2.21 0.00	28.97 2.29 0.00	30.10 2.46 0.00	32.47 2.63 0.00	39.94 3.53 0.00	43.02 3.84 0.00	43.75 3.68 0.00	41.73 3.38 0.00	39.73 2.96 -1.55	34.47 2.50 0.00	29.89 2.11 0.00	26.66 1.79 0.00
PORT_JEFF_3 23555	23.19 2.32 0.00	20.29 1.77 -0.07	18.70 1.71 -0.23	17.55 1.38 -0.31	17.97 1.43 -0.24	19.45 1.68 -0.26	22.33 1.96 0.00	24.33 2.41 0.00	25.31 2.75 0.00	25.56 2.96 0.00	31.69 3.04 -4.33	32.57 3.09 -4.99	33.77 3.08 -5.61	35.63 3.12 -5.83	47.32 3.32 -16.37	51.17 3.61 -17.71	47.54 4.51 -6.62	49.81 4.86 -5.77	53.24 4.73 -8.45	44.89 4.52 -2.01	40.41 3.56 -1.64	35.58 3.52 -0.09	31.77 3.33 -0.66	29.72 2.93 -1.92
PORT_JEFF_4 23616	23.19 2.32 0.00	20.29 1.77 -0.07	18.70 1.71 -0.23	17.55 1.38 -0.31	17.97 1.43 -0.24	19.45 1.68 -0.26	22.33 1.96 0.00	24.33 2.41 0.00	25.31 2.75 0.00	25.56 2.96 0.00	31.69 3.04 -4.33	32.57 3.09 -4.99	33.77 3.08 -5.61	35.63 3.12 -5.83	47.32 3.32 -16.37	51.17 3.61 -17.71	47.54 4.51 -6.62	49.81 4.86 -5.77	53.24 4.73 -8.45	44.89 4.52 -2.01	40.41 3.56 -1.64	35.58 3.52 -0.09	31.77 3.33 -0.66	29.72 2.93 -1.92

PORT_JEFF_IC 23713	23.21 2.34 0.00	20.31 1.79 -0.07	18.72 1.73 -0.23	17.55 1.38 -0.31	18.02 1.48 -0.24	19.47 1.70 -0.26	22.35 1.98 0.00	24.39 2.48 0.00	25.34 2.78 0.00	25.58 2.98 0.00	31.74 3.09 -4.33	32.61 3.13 -4.99	33.82 3.13 -5.61	35.71 3.20 -5.83	47.44 3.43 -16.37	51.29 3.73 -17.71	47.54 4.51 -6.62	49.85 4.90 -5.78	53.29 4.77 -8.45	44.97 4.60 -2.02	40.69 3.84 -1.64	35.68 3.61 -0.09	31.77 3.33 -0.66	29.75 2.96 -1.92
PPL PILGRIM_ST_GT1 24216	23.31 2.44 0.00	20.40 1.88 -0.07	18.80 1.81 -0.23	17.63 1.46 -0.31	18.07 1.53 -0.24	19.56 1.79 -0.26	22.46 2.08 0.00	24.43 2.52 0.00	25.43 2.87 0.00	25.67 3.07 0.00	31.83 3.19 -4.33	32.66 3.18 -4.99	33.92 3.24 -5.61	35.87 3.36 -5.83	47.63 3.62 -16.37	51.47 3.91 -17.71	47.87 4.84 -6.62	50.15 5.21 -5.76	53.60 5.09 -8.44	45.19 4.83 -2.00	40.80 3.94 -1.64	35.84 3.77 -0.10	31.91 3.47 -0.66	29.85 3.06 -1.92
PPL PILGRIM_ST_GT2 24217	23.31 2.44 0.00	20.40 1.88 -0.07	18.80 1.81 -0.23	17.63 1.46 -0.31	18.07 1.53 -0.24	19.56 1.79 -0.26	22.46 2.08 0.00	24.43 2.52 0.00	25.43 2.87 0.00	25.67 3.07 0.00	31.83 3.19 -4.33	32.66 3.18 -4.99	33.92 3.24 -5.61	35.87 3.36 -5.83	47.63 3.62 -16.37	51.47 3.91 -17.71	47.87 4.84 -6.62	50.15 5.21 -5.76	53.60 5.09 -8.44	45.19 4.83 -2.00	40.80 3.94 -1.64	35.84 3.77 -0.10	31.91 3.47 -0.66	29.85 3.06 -1.92
PPL_SHRM_GT3 24213	23.08 2.21 0.00	20.19 1.68 -0.07	18.61 1.62 -0.23	17.46 1.28 -0.31	17.89 1.35 -0.24	19.38 1.61 -0.26	22.23 1.85 0.00	24.22 2.30 0.00	25.20 2.64 0.00	25.47 2.87 0.00	31.61 2.97 -4.33	32.49 3.01 -4.99	33.74 3.06 -5.61	35.65 3.15 -5.83	47.44 3.43 -16.37	51.29 3.73 -17.71	47.54 4.51 -6.62	49.81 4.86 -5.77	53.24 4.73 -8.45	44.85 4.49 -2.01	40.23 3.38 -1.64	35.64 3.58 -0.09	31.66 3.22 -0.66	29.60 2.81 -1.92
PPL_SHRM_GT4 24214	23.08 2.21 0.00	20.19 1.68 -0.07	18.61 1.62 -0.23	17.46 1.28 -0.31	17.89 1.35 -0.24	19.38 1.61 -0.26	22.23 1.85 0.00	24.22 2.30 0.00	25.20 2.64 0.00	25.47 2.87 0.00	31.61 2.97 -4.33	32.49 3.01 -4.99	33.74 3.06 -5.61	35.65 3.15 -5.83	47.44 3.43 -16.37	51.29 3.73 -17.71	47.54 4.51 -6.62	49.81 4.86 -5.77	53.24 4.73 -8.45	44.85 4.49 -2.01	40.23 3.38 -1.64	35.64 3.58 -0.09	31.66 3.22 -0.66	29.60 2.81 -1.92
PROJECT___ORANGE 1 24174	20.72 -0.15 0.00	18.30 -0.15 0.00	16.61 -0.15 0.00	15.69 -0.17 0.00	16.15 -0.15 0.00	17.38 -0.12 0.00	20.23 -0.14 0.00	21.74 -0.18 0.00	22.38 -0.18 0.00	22.49 -0.11 0.00	24.31 -0.15 -0.13	24.49 -0.15 -0.14	25.12 -0.13 -0.17	26.93 -0.05 -0.31	27.98 -0.06 -0.39	30.33 -0.09 -0.58	37.36 -0.15 -1.10	40.31 -0.20 -1.33	41.37 -0.08 -1.38	39.48 -0.12 -1.24	36.12 -0.07 -0.98	32.54 -0.16 -0.73	28.08 -0.08 -0.38	24.89 -0.15 -0.18
PROJECT___ORANGE 2 24166	20.72 -0.15 0.00	18.30 -0.15 0.00	16.61 -0.15 0.00	15.69 -0.17 0.00	16.15 -0.15 0.00	17.38 -0.12 0.00	20.23 -0.14 0.00	21.74 -0.18 0.00	22.38 -0.18 0.00	22.49 -0.11 0.00	24.31 -0.15 -0.13	24.49 -0.15 -0.14	25.12 -0.13 -0.17	26.93 -0.05 -0.31	27.98 -0.06 -0.39	30.33 -0.09 -0.58	37.36 -0.15 -1.10	40.31 -0.20 -1.33	41.37 -0.08 -1.38	39.48 -0.12 -1.24	36.12 -0.07 -0.98	32.54 -0.16 -0.73	28.08 -0.08 -0.38	24.89 -0.15 -0.18
PUCKETT___SOLAR 323809	21.31 0.44 0.00	18.85 0.37 -0.03	17.17 0.30 -0.11	16.25 0.24 -0.15	16.69 0.28 -0.12	18.02 0.38 -0.13	20.86 0.49 0.00	22.55 0.64 0.00	23.17 0.61 0.00	23.19 0.59 0.00	25.01 0.61 -0.08	25.15 0.56 -0.09	25.84 0.65 -0.11	27.65 0.77 -0.20	28.69 0.80 -0.25	31.11 0.89 -0.37	38.24 1.13 -0.70	41.43 1.41 -0.85	42.68 1.72 -0.88	40.91 1.77 -0.79	38.12 1.59 -1.31	33.69 1.25 -0.47	29.05 1.03 -0.24	25.85 0.87 -0.11
PYRITES___HYD 24023	20.26 -0.61 0.00	17.95 -0.50 0.00	16.24 -0.52 0.00	15.79 -0.08 0.00	16.00 -0.29 0.00	17.12 -0.39 0.00	20.01 -0.37 0.00	21.52 -0.39 0.00	21.98 -0.59 0.00	21.94 -0.66 0.00	23.57 -0.75 0.00	23.68 -0.81 0.01	22.31 -0.80 1.96	18.29 -0.88 7.51	17.69 -0.94 9.02	18.04 -1.04 10.76	18.77 -1.35 16.29	19.04 -1.61 18.53	21.20 -1.56 17.31	19.19 -1.23 17.94	18.76 -1.06 15.39	18.37 -0.80 12.80	17.75 -0.58 9.44	17.40 -0.47 6.99
QUAKERRD_115KV_BK1 80622	19.83 -1.04 0.00	17.51 -0.94 0.00	15.85 -0.90 0.00	15.01 -0.86 0.00	15.45 -0.85 0.00	16.65 -0.86 0.00	19.40 -0.98 0.00	21.06 -0.85 0.00	21.68 -0.88 0.00	21.83 -0.77 0.00	23.42 -0.90 0.00	23.59 -0.91 0.00	24.10 -0.98 0.00	25.77 -0.91 0.00	26.67 -0.97 0.00	28.83 -1.01 0.00	35.06 -1.35 0.00	37.69 -1.49 0.00	38.67 -1.40 0.00	36.94 -1.42 0.00	34.02 -1.20 0.00	30.63 -1.34 0.00	26.86 -0.92 0.00	24.02 -0.85 0.00
QUENSBRY_115KV_TB8 356137	22.44 1.57 0.00	20.58 1.42 -0.71	20.55 1.26 -2.53	20.35 1.14 -3.34	20.15 1.21 -2.65	21.68 1.30 -2.88	21.40 1.02 0.00	22.99 1.07 0.00	23.78 1.22 0.00	23.64 1.04 0.00	25.46 1.14 0.00	25.79 1.30 0.00	26.43 1.35 0.00	28.04 1.36 0.00	29.13 1.49 0.00	31.58 1.73 0.00	38.52 2.11 0.00	41.65 2.47 0.00	42.84 2.76 0.00	40.66 2.30 0.00	45.82 2.43 -8.17	33.98 2.01 0.00	29.64 1.86 0.00	26.33 1.47 0.00
RAMAPO___LBMP 323565	22.21 1.34 0.00	19.64 1.13 -0.06	18.06 1.09 -0.22	17.09 0.94 -0.29	17.53 1.01 -0.23	18.80 1.05 -0.25	21.62 1.24 0.00	23.45 1.53 0.00	24.30 1.74 0.00	24.36 1.76 0.00	26.29 1.97 0.00	26.50 2.01 0.00	27.11 2.03 0.00	28.78 2.11 0.00	29.85 2.21 0.00	32.20 2.36 0.00	39.57 3.17 0.00	42.63 3.45 0.00	43.36 3.29 0.00	41.42 3.07 0.00	39.48 2.71 -1.55	34.30 2.33 0.00	29.73 1.94 0.00	26.56 1.69 0.00
RANKINE____ 23646	19.89 -0.98 0.00	17.55 -0.90 0.00	15.83 -0.92 0.00	15.01 -0.86 0.00	15.46 -0.83 0.00	16.70 -0.81 0.00	19.50 -0.88 0.00	21.35 -0.57 0.00	22.04 -0.52 0.00	22.24 -0.36 0.00	23.86 -0.46 0.00	23.95 -0.54 0.00	24.40 -0.68 0.00	26.09 -0.59 0.00	26.98 -0.66 0.00	29.19 -0.66 0.00	35.28 -1.13 -0.01	37.89 -1.29 -0.01	38.95 -1.12 -0.01	37.10 -1.27 -0.01	34.48 -0.99 -0.25	30.66 -1.31 0.00	27.14 -0.64 0.00	24.49 -0.37 0.00
RAVENSWOOD_GT2_1 24244	22.56 1.69 0.00	19.90 1.38 -0.07	18.35 1.36 -0.23	17.35 1.17 -0.31	17.79 1.25 -0.24	19.05 1.28 -0.26	21.90 1.53 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.86 2.21 -0.04	27.13 2.46 -0.35	28.78 2.50 -1.79	31.40 2.56 -3.77	35.42 2.64 -6.11	35.45 2.76 -5.05	36.73 2.98 -3.89	40.79 3.93 -0.46	43.37 4.19 0.00	44.08 4.01 0.00	42.04 3.68 0.00	40.13 3.28 -1.64	34.88 2.91 0.00	30.23 2.44 0.00	26.95 2.09 0.00
RAVENSWOOD_GT2_2 24245	22.56 1.69 0.00	19.90 1.38 -0.07	18.35 1.36 -0.23	17.35 1.17 -0.31	17.79 1.25 -0.24	19.05 1.28 -0.26	21.90 1.53 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.86 2.21 -0.04	27.13 2.46 -0.35	28.78 2.50 -1.79	31.40 2.56 -3.77	35.42 2.64 -6.11	35.45 2.76 -5.05	36.73 2.98 -3.89	40.79 3.93 -0.46	43.37 4.19 0.00	44.08 4.01 0.00	42.04 3.68 0.00	40.13 3.28 -1.64	34.88 2.91 0.00	30.23 2.44 0.00	26.95 2.09 0.00

RAVENSWOOD_GT2_3 24246	22.56 1.69 0.00	19.92 1.40 -0.07	18.35 1.36 -0.23	17.36 1.19 -0.31	17.79 1.25 -0.24	19.06 1.30 -0.26	21.90 1.53 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.88 2.24 -0.04	27.15 2.48 -0.35	28.80 2.52 -1.79	31.40 2.56 -3.77	35.45 2.67 -6.11	35.48 2.79 -5.05	36.76 3.01 -3.89	40.79 3.93 -0.46	43.41 4.23 0.00	44.12 4.05 0.00	42.08 3.72 0.00	40.16 3.31 -1.64	34.91 2.94 0.00	30.25 2.47 0.00	26.98 2.11 0.00
RAVENSWOOD_GT2_4 24247	22.56 1.69 0.00	19.92 1.40 -0.07	18.35 1.36 -0.23	17.36 1.19 -0.31	17.79 1.25 -0.24	19.06 1.30 -0.26	21.90 1.53 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.88 2.24 -0.04	27.15 2.48 -0.35	28.80 2.52 -1.79	31.40 2.56 -3.77	35.45 2.67 -6.11	35.48 2.79 -5.05	36.76 3.01 -3.89	40.79 3.93 -0.46	43.41 4.23 0.00	44.12 4.05 0.00	42.08 3.72 0.00	40.16 3.31 -1.64	34.91 2.94 0.00	30.25 2.47 0.00	26.98 2.11 0.00
RAVENSWOOD_GT3_1 24248	22.56 1.69 0.00	19.90 1.38 -0.07	18.35 1.36 -0.23	17.35 1.17 -0.31	17.79 1.25 -0.24	19.05 1.28 -0.26	21.90 1.53 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.86 2.21 -0.04	27.13 2.46 -0.35	28.78 2.50 -1.79	31.40 2.56 -3.77	35.45 2.67 -6.11	35.45 2.76 -5.05	36.73 2.98 -3.89	40.79 3.93 -0.46	43.37 4.19 0.00	44.08 4.01 0.00	42.08 3.72 0.00	40.13 3.28 -1.64	34.88 2.91 0.00	30.23 2.44 0.00	26.95 2.09 0.00
RAVENSWOOD_GT3_2 24249	22.56 1.69 0.00	19.90 1.38 -0.07	18.35 1.36 -0.23	17.35 1.17 -0.31	17.79 1.25 -0.24	19.05 1.28 -0.26	21.90 1.53 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.86 2.21 -0.04	27.13 2.46 -0.35	28.78 2.50 -1.79	31.40 2.56 -3.77	35.45 2.67 -6.11	35.45 2.76 -5.05	36.73 2.98 -3.89	40.79 3.93 -0.46	43.37 4.19 0.00	44.08 4.01 0.00	42.08 3.72 0.00	40.13 3.28 -1.64	34.88 2.91 0.00	30.23 2.44 0.00	26.95 2.09 0.00
RAVENSWOOD_GT3_3 24250	22.58 1.71 0.00	19.94 1.42 -0.07	18.36 1.37 -0.23	17.36 1.19 -0.31	17.81 1.27 -0.24	19.06 1.30 -0.26	21.92 1.55 0.00	23.84 1.93 0.00	24.71 2.14 0.00	24.90 2.26 -0.04	27.18 2.51 -0.35	28.83 2.55 -1.79	31.45 2.61 -3.77	35.48 2.69 -6.11	35.51 2.82 -5.05	36.79 3.04 -3.89	40.87 4.00 -0.46	43.45 4.27 0.00	44.16 4.09 0.00	42.15 3.80 0.00	40.20 3.35 -1.64	34.94 2.97 0.00	30.28 2.50 0.00	27.00 2.14 0.00
RAVENSWOOD_GT3_4 24251	22.58 1.71 0.00	19.94 1.42 -0.07	18.36 1.37 -0.23	17.36 1.19 -0.31	17.81 1.27 -0.24	19.06 1.30 -0.26	21.92 1.55 0.00	23.84 1.93 0.00	24.71 2.14 0.00	24.90 2.26 -0.04	27.18 2.51 -0.35	28.83 2.55 -1.79	31.45 2.61 -3.77	35.48 2.69 -6.11	35.51 2.82 -5.05	36.79 3.04 -3.89	40.87 4.00 -0.46	43.45 4.27 0.00	44.16 4.09 0.00	42.15 3.80 0.00	40.20 3.35 -1.64	34.94 2.97 0.00	30.28 2.50 0.00	27.00 2.14 0.00
RAVENSWOOD_GT_1 23729	22.67 1.79 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.44 1.25 -0.32	17.88 1.34 -0.25	19.14 1.37 -0.27	21.97 1.59 0.00	23.84 1.93 0.00	24.71 2.14 0.00	24.92 2.28 -0.04	27.22 2.55 -0.35	28.85 2.57 -1.79	31.50 2.66 -3.77	35.56 2.77 -6.11	35.56 2.87 -5.05	36.95 3.07 -4.03	40.89 4.00 -0.48	43.50 4.31 -0.01	44.12 4.05 0.00	42.08 3.72 0.00	40.14 3.28 -1.64	34.98 3.01 0.00	30.34 2.56 0.00	27.05 2.19 0.00
RAVENSWOOD_GT_10 24258	22.56 1.69 0.00	19.90 1.38 -0.06	18.35 1.36 -0.23	17.35 1.17 -0.31	17.77 1.24 -0.24	19.05 1.28 -0.26	21.90 1.53 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.86 2.21 -0.04	27.13 2.46 -0.35	28.78 2.50 -1.79	31.40 2.56 -3.77	35.42 2.64 -6.11	35.45 2.76 -5.05	36.73 2.98 -3.89	40.79 3.93 -0.46	43.37 4.19 0.00	44.08 4.01 0.00	42.08 3.72 0.00	40.16 3.31 -1.64	34.88 2.91 0.00	30.23 2.44 0.00	26.95 2.09 0.00
RAVENSWOOD_GT_11 24259	22.56 1.69 0.00	19.90 1.38 -0.06	18.35 1.36 -0.23	17.35 1.17 -0.31	17.77 1.24 -0.24	19.05 1.28 -0.26	21.90 1.53 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.86 2.21 -0.04	27.13 2.46 -0.35	28.78 2.50 -1.79	31.40 2.56 -3.77	35.42 2.64 -6.11	35.45 2.76 -5.05	36.73 2.98 -3.89	40.79 3.93 -0.46	43.37 4.19 0.00	44.08 4.01 0.00	42.08 3.72 0.00	40.16 3.31 -1.64	34.88 2.91 0.00	30.23 2.44 0.00	26.95 2.09 0.00
RAVENSWOOD_GT_4 24252	22.53 1.67 0.01	19.89 1.38 -0.06	18.32 1.34 -0.23	17.33 1.16 -0.30	17.77 1.24 -0.24	19.02 1.26 -0.26	21.90 1.53 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.86 2.21 -0.04	27.13 2.46 -0.35	28.78 2.50 -1.79	31.40 2.56 -3.77	35.42 2.64 -6.11	35.45 2.76 -5.05	36.83 2.98 -4.00	40.81 3.93 -0.47	43.38 4.19 -0.01	44.08 4.01 0.00	42.08 3.72 0.00	40.17 3.31 -1.64	34.88 2.91 0.00	30.23 2.44 0.00	26.96 2.09 0.00
RAVENSWOOD_GT_5 24254	22.53 1.67 0.01	19.89 1.38 -0.06	18.32 1.34 -0.23	17.33 1.16 -0.30	17.77 1.24 -0.24	19.02 1.26 -0.26	21.90 1.53 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.86 2.21 -0.04	27.13 2.46 -0.35	28.78 2.50 -1.79	31.40 2.56 -3.77	35.42 2.64 -6.11	35.45 2.76 -5.05	36.83 2.98 -4.00	40.81 3.93 -0.47	43.38 4.19 -0.01	44.08 4.01 0.00	42.08 3.72 0.00	40.17 3.31 -1.64	34.88 2.91 0.00	30.23 2.44 0.00	26.96 2.09 0.00
RAVENSWOOD_GT_6 24253	22.53 1.67 0.01	19.89 1.38 -0.06	18.32 1.34 -0.23	17.33 1.16 -0.30	17.77 1.24 -0.24	19.02 1.26 -0.26	21.90 1.53 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.86 2.21 -0.04	27.13 2.46 -0.35	28.78 2.50 -1.79	31.40 2.56 -3.77	35.42 2.64 -6.11	35.45 2.76 -5.05	36.83 2.98 -4.00	40.81 3.93 -0.47	43.38 4.19 -0.01	44.08 4.01 0.00	42.08 3.72 0.00	40.17 3.31 -1.64	34.88 2.91 0.00	30.23 2.44 0.00	26.96 2.09 0.00
RAVENSWOOD_GT_7 24255	22.53 1.67 0.01	19.89 1.38 -0.06	18.32 1.34 -0.23	17.33 1.16 -0.30	17.77 1.24 -0.24	19.02 1.26 -0.26	21.90 1.53 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.86 2.21 -0.04	27.13 2.46 -0.35	28.78 2.50 -1.79	31.40 2.56 -3.77	35.42 2.64 -6.11	35.45 2.76 -5.05	36.83 2.98 -4.00	40.81 3.93 -0.47	43.38 4.19 -0.01	44.08 4.01 0.00	42.08 3.72 0.00	40.17 3.31 -1.64	34.88 2.91 0.00	30.23 2.44 0.00	26.96 2.09 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.56 1.69 0.00	19.90 1.38 -0.06	18.35 1.36 -0.23	17.35 1.17 -0.31	17.77 1.24 -0.24	19.05 1.28 -0.26	21.90 1.53 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.86 2.21 -0.04	27.13 2.46 -0.35	28.78 2.50 -1.79	31.40 2.56 -3.77	35.42 2.64 -6.11	35.45 2.76 -5.05	36.73 2.98 -3.89	40.79 3.93 -0.46	43.37 4.19 0.00	44.08 4.01 0.00	42.08 3.72 0.00	40.16 3.31 -1.64	34.88 2.91 0.00	30.23 2.44 0.00	26.95 2.09 0.00
RAVENSWOOD_GT_9 24257	22.56 1.69 0.00	19.90 1.38 -0.06	18.35 1.36 -0.23	17.35 1.17 -0.31	17.77 1.24 -0.24	19.05 1.28 -0.26	21.90 1.53 0.00	23.80 1.88 0.00	24.68 2.12 0.00	24.86 2.21 -0.04	27.13 2.46 -0.35	28.78 2.50 -1.79	31.40 2.56 -3.77	35.42 2.64 -6.11	35.45 2.76 -5.05	36.73 2.98 -3.89	40.79 3.93 -0.46	43.37 4.19 0.00	44.08 4.01 0.00	42.08 3.72 0.00	40.16 3.31 -1.64	34.88 2.91 0.00	30.23 2.44 0.00	26.95 2.09 0.00

RAVENSWOOD___1 23533	22.65 1.77 -0.01	20.00 1.48 -0.07	18.42 1.42 -0.24	17.42 1.24 -0.32	17.83 1.29 -0.25	19.12 1.35 -0.27	21.92 1.55 0.00	23.78 1.86 0.00	24.68 2.12 0.00	24.90 2.26 -0.04	27.15 2.48 -0.35	28.83 2.55 -1.79	31.45 2.61 -3.77	35.53 2.75 -6.11	35.56 2.87 -5.05	36.82 3.07 -3.89	40.83 3.97 -0.46	43.45 4.27 0.00	44.08 4.01 0.00	42.07 3.72 0.00	40.06 3.20 -1.64	34.94 2.97 0.00	30.36 2.58 0.00	27.05 2.19 0.00
RAVENSWOOD___2 23534	22.65 1.77 -0.01	19.98 1.46 -0.07	18.41 1.41 -0.24	17.42 1.24 -0.32	17.82 1.27 -0.25	19.12 1.35 -0.27	21.92 1.55 0.00	23.78 1.86 0.00	24.62 2.05 0.00	24.86 2.22 -0.04	27.10 2.43 -0.35	28.78 2.50 -1.79	31.40 2.56 -3.77	35.47 2.69 -6.11	35.48 2.79 -5.05	36.75 3.01 -3.89	40.76 3.90 -0.46	43.37 4.19 0.00	44.00 3.93 0.00	41.96 3.60 0.00	39.95 3.10 -1.64	34.88 2.91 0.00	30.31 2.53 0.00	26.98 2.11 0.00
RAVENSWOOD___3 23535	22.56 1.69 0.00	19.90 1.38 -0.07	18.35 1.36 -0.23	17.35 1.17 -0.31	17.74 1.21 -0.24	19.05 1.28 -0.26	21.91 1.53 0.00	23.76 1.84 0.00	24.66 2.10 0.00	24.88 2.24 -0.04	27.10 2.43 -0.35	28.78 2.50 -1.79	31.38 2.53 -3.77	35.45 2.67 -6.11	35.48 2.79 -5.05	36.73 2.98 -3.89	40.80 3.93 -0.46	43.37 4.19 0.00	44.08 4.01 0.00	42.07 3.72 0.00	40.06 3.20 -1.64	34.88 2.91 0.00	30.28 2.50 0.00	26.95 2.09 0.00
RAVENSWOOD___4 23820	22.65 1.77 -0.01	19.98 1.46 -0.07	18.40 1.41 -0.24	17.42 1.24 -0.31	17.81 1.27 -0.25	19.12 1.35 -0.27	21.92 1.55 0.00	23.76 1.84 0.00	24.66 2.10 0.00	24.90 2.26 -0.04	27.15 2.48 -0.35	28.80 2.52 -1.79	31.43 2.58 -3.77	35.50 2.72 -6.11	35.54 2.85 -5.05	36.68 3.07 -3.76	40.81 3.97 -0.43	43.40 4.23 0.01	44.04 3.97 0.00	42.04 3.68 0.00	40.02 3.17 -1.63	34.91 2.94 0.00	30.33 2.55 0.00	27.03 2.16 0.00
RCPL_TRUST___DRP 24196	22.60 1.73 0.00	19.94 1.42 -0.07	18.36 1.37 -0.23	17.38 1.21 -0.31	17.81 1.27 -0.24	19.08 1.31 -0.26	21.95 1.57 0.00	23.87 1.95 0.00	24.77 2.21 0.00	24.95 2.31 -0.04	27.24 2.58 -0.34	28.84 2.62 -1.73	31.38 2.66 -3.64	35.36 2.77 -5.91	35.43 2.90 -4.88	36.72 3.10 -3.77	40.93 4.08 -0.44	43.53 4.35 0.00	44.24 4.17 0.00	42.19 3.84 0.00	40.27 3.42 -1.64	34.98 3.01 0.00	30.31 2.53 0.00	27.03 2.16 0.00
RED___ROCHESTER 323720	20.22 -0.65 0.00	17.86 -0.59 0.00	16.17 -0.59 0.00	15.31 -0.56 0.00	15.72 -0.57 0.00	17.00 -0.51 0.00	19.78 -0.59 0.00	21.48 -0.44 0.00	22.20 -0.36 0.00	22.24 -0.36 0.00	24.10 -0.22 0.00	24.20 -0.29 0.00	24.80 -0.28 0.00	26.44 -0.24 0.00	27.31 -0.33 0.00	29.64 -0.21 0.00	35.93 -0.47 0.00	38.67 -0.51 0.00	39.67 -0.40 0.00	37.90 -0.46 0.00	34.93 -0.28 0.00	31.36 -0.61 0.00	27.39 -0.39 0.00	24.64 -0.22 0.00
REGAN___SOLAR 323812	22.92 2.05 0.00	20.90 1.83 -0.63	20.54 1.56 -2.23	20.23 1.43 -2.94	20.12 1.50 -2.33	21.71 1.68 -2.53	22.29 1.91 0.00	23.95 2.04 0.00	24.82 2.26 0.00	24.68 2.08 0.00	26.48 2.16 0.00	26.77 2.28 0.00	27.54 2.46 0.00	29.26 2.59 0.00	30.43 2.79 0.00	33.19 3.34 0.00	40.59 4.18 0.00	44.23 5.06 0.00	46.00 5.93 0.00	44.00 5.64 0.00	47.46 5.04 -7.21	36.19 4.22 0.00	31.37 3.59 0.00	27.77 2.91 0.00
RENSSELAER___COGEN 23796	21.60 0.73 0.00	19.70 0.83 -0.42	19.04 0.79 -1.50	18.54 0.70 -1.98	18.56 0.70 -1.57	19.96 0.75 -1.70	21.25 0.88 0.00	22.70 0.79 0.00	23.40 0.84 0.00	23.28 0.68 0.00	25.08 0.75 0.00	25.30 0.81 0.00	25.86 0.78 0.00	27.45 0.77 0.00	28.50 0.86 0.00	30.80 0.95 0.00	37.79 1.38 0.00	40.78 1.61 0.00	41.71 1.64 0.00	39.93 1.57 0.00	42.03 1.48 -5.33	33.22 1.25 0.00	28.86 1.08 0.00	25.76 0.89 0.00
REPUBLIC_115KV_BARTNBK 55605	23.35 2.48 0.00	21.43 2.27 -0.71	21.24 1.96 -2.53	21.01 1.81 -3.33	20.84 1.91 -2.64	22.42 2.05 -2.87	22.33 1.96 0.00	24.00 2.08 0.00	24.91 2.35 0.00	24.68 2.08 0.00	26.56 2.24 0.00	27.01 2.52 0.00	27.71 2.63 0.00	29.40 2.72 0.00	30.57 2.93 0.00	33.25 3.40 0.00	40.67 4.26 0.00	44.00 4.82 0.00	45.40 5.33 0.00	43.11 4.76 0.00	47.98 4.61 -8.15	36.00 4.03 0.00	31.31 3.53 0.00	27.70 2.83 0.00
REVERE_CPPR_DRP 24186	21.52 0.65 0.00	19.06 0.61 0.00	17.28 0.52 0.00	16.33 0.46 0.00	16.83 0.54 0.00	18.13 0.63 0.00	21.17 0.79 0.00	22.73 0.81 0.00	23.35 0.79 0.00	23.35 0.75 0.00	25.19 0.80 -0.07	25.37 0.81 -0.07	25.97 0.88 -0.02	27.63 1.07 0.12	28.60 1.08 0.12	30.89 1.13 0.09	37.88 1.49 0.02	40.95 1.76 -0.01	42.20 2.04 -0.08	40.49 2.15 0.01	37.14 1.97 0.05	33.49 1.60 0.08	28.89 1.25 0.14	25.73 1.02 0.16
REYNOLDS_115KV_TB3 80639	21.89 1.02 0.00	19.97 1.03 -0.48	19.46 0.99 -1.71	19.03 0.90 -2.26	19.03 0.94 -1.79	20.45 1.00 -1.95	21.54 1.16 0.00	23.03 1.12 0.00	23.69 1.13 0.00	23.50 0.90 0.00	25.34 1.02 0.00	25.57 1.08 0.00	26.16 1.08 0.00	27.77 1.09 0.00	28.80 1.16 0.00	31.13 1.28 0.00	38.23 1.82 0.00	41.29 2.12 0.00	42.19 2.12 0.00	40.39 2.03 0.00	43.06 1.94 -5.91	33.67 1.69 0.00	29.23 1.44 0.00	26.11 1.24 0.00
RIVERBAY____ 323610	22.94 2.07 -0.01	20.24 1.72 -0.07	18.62 1.63 -0.24	17.61 1.43 -0.32	18.06 1.52 -0.25	19.35 1.58 -0.27	22.13 1.75 0.00	23.98 2.06 0.00	24.84 2.28 0.00	25.05 2.44 -0.01	27.31 2.70 -0.29	27.55 2.72 -0.34	28.27 2.81 -0.38	35.61 2.93 -6.00	35.67 3.07 -4.96	36.96 3.28 -3.83	41.14 4.30 -0.44	43.88 4.70 0.00	44.52 4.45 0.00	42.50 4.14 0.00	40.41 3.56 -1.64	35.26 3.29 0.00	30.70 2.92 0.00	27.41 2.54 -0.01
RIVERSIDE_115KV_TB3 55908	21.70 0.83 0.00	19.83 0.90 -0.47	19.29 0.85 -1.68	18.86 0.78 -2.22	18.85 0.80 -1.76	20.25 0.84 -1.91	21.35 0.98 0.00	22.81 0.90 0.00	23.51 0.95 0.00	23.35 0.75 0.00	25.17 0.85 0.00	25.42 0.93 0.00	26.01 0.93 0.00	27.58 0.91 0.00	28.61 0.97 0.00	30.92 1.07 0.00	37.97 1.57 0.00	40.98 1.80 0.00	41.99 1.92 0.00	40.23 1.88 0.00	42.80 1.76 -5.83	33.47 1.50 0.00	29.06 1.28 0.00	25.93 1.07 0.00
ROARING___BROOK_WT_PWR 323790	20.31 -0.56 0.00	17.91 -0.54 0.00	16.20 -0.55 0.00	15.37 -0.49 0.00	15.74 -0.55 0.00	16.82 -0.68 0.00	19.58 -0.80 0.00	21.06 -0.86 0.00	21.68 -0.88 0.00	21.81 -0.79 0.00	23.49 -0.83 0.00	23.62 -0.86 0.01	20.41 -0.95 3.71	11.38 -1.09 14.20	9.43 -1.16 17.05	8.21 -1.28 20.35	3.99 -1.60 30.82	2.41 -1.72 35.04	5.56 -1.76 32.75	2.69 -1.73 33.94	4.48 -1.62 29.12	6.35 -1.41 24.22	8.67 -1.25 17.86	10.55 -1.09 13.22
ROCHESRG_115KV_T4 355643	20.06 -0.81 0.00	17.71 -0.74 0.00	16.04 -0.72 0.00	15.18 -0.68 0.00	15.62 -0.67 0.00	16.86 -0.65 0.00	19.64 -0.73 0.00	21.37 -0.55 0.00	22.00 -0.56 0.00	22.15 -0.45 0.00	23.76 -0.56 0.00	23.93 -0.56 0.00	24.43 -0.65 0.00	26.09 -0.59 0.00	27.01 -0.64 0.00	29.22 -0.63 0.00	35.42 -0.98 0.00	38.08 -1.10 0.00	39.07 -1.00 0.00	37.32 -1.04 0.00	34.41 -0.81 0.00	30.95 -1.02 0.00	27.22 -0.56 0.00	24.39 -0.47 0.00

ROCHESTER_9_IC 23652	20.14 -0.73 0.00	17.80 -0.65 0.00	16.12 -0.64 0.00	15.25 -0.62 0.00	15.71 -0.59 0.00	16.93 -0.58 0.00	19.74 -0.63 0.00	21.48 -0.44 0.00	22.11 -0.45 0.00	22.28 -0.32 0.00	23.91 -0.41 0.00	24.08 -0.42 0.00	24.58 -0.50 0.00	26.28 -0.40 0.00	27.23 -0.41 0.00	29.43 -0.42 0.00	35.71 -0.69 0.00	38.39 -0.78 0.00	39.39 -0.68 0.00	37.63 -0.73 0.00	34.65 -0.56 0.00	31.17 -0.80 0.00	27.39 -0.39 0.00	24.54 -0.32 0.00
ROCKVIEW_13_KV_LD 356306	22.52 1.65 0.00	19.88 1.37 -0.07	18.31 1.32 -0.23	17.31 1.14 -0.31	17.74 1.21 -0.24	19.05 1.28 -0.26	21.88 1.51 0.00	23.78 1.86 0.00	24.66 2.10 0.00	24.77 2.17 0.00	26.75 2.43 0.00	26.97 2.47 0.00	27.61 2.53 0.00	29.29 2.61 0.00	30.38 2.74 0.00	32.80 2.95 0.00	40.30 3.90 0.00	43.37 4.19 0.00	44.16 4.09 0.00	42.15 3.80 0.00	40.20 3.35 -1.64	34.88 2.91 0.00	30.20 2.42 0.00	26.93 2.06 0.00
ROME____115KV_TB2 80656	21.52 0.65 0.00	19.06 0.61 0.00	17.28 0.52 0.00	16.33 0.46 0.00	16.83 0.54 0.00	18.13 0.63 0.00	21.17 0.79 0.00	22.73 0.81 0.00	23.35 0.79 0.00	23.35 0.75 0.00	25.19 0.80 -0.07	25.37 0.81 -0.07	25.97 0.88 -0.02	27.63 1.07 0.11	28.60 1.08 0.12	30.89 1.13 0.09	37.88 1.49 0.02	40.95 1.76 -0.01	42.20 2.04 -0.08	40.49 2.15 0.01	37.14 1.97 0.05	33.49 1.60 0.08	28.89 1.25 0.14	25.73 1.02 0.16
ROSETON____1 23587	22.14 1.27 0.00	19.58 1.07 -0.06	18.02 1.04 -0.22	17.06 0.90 -0.30	17.45 0.93 -0.23	18.77 1.01 -0.25	21.58 1.20 0.00	23.32 1.40 0.00	24.14 1.58 0.00	24.23 1.63 0.00	26.09 1.77 0.00	26.30 1.81 0.00	26.93 1.86 0.00	28.60 1.92 0.00	29.66 2.02 0.00	32.02 2.18 0.00	39.32 2.91 0.00	42.31 3.14 0.00	43.11 3.04 0.00	41.19 2.84 0.00	39.33 2.50 -1.61	34.17 2.20 0.00	29.64 1.86 0.00	26.43 1.57 0.00
ROSETON____2 23588	22.14 1.27 0.00	19.58 1.07 -0.06	18.02 1.04 -0.22	17.06 0.90 -0.30	17.45 0.93 -0.23	18.77 1.01 -0.25	21.58 1.20 0.00	23.32 1.40 0.00	24.14 1.58 0.00	24.23 1.63 0.00	26.09 1.77 0.00	26.30 1.81 0.00	26.93 1.86 0.00	28.60 1.92 0.00	29.66 2.02 0.00	32.02 2.18 0.00	39.32 2.91 0.00	42.31 3.14 0.00	43.11 3.04 0.00	41.19 2.84 0.00	39.33 2.50 -1.61	34.17 2.20 0.00	29.64 1.86 0.00	26.43 1.57 0.00
ROTTDAM_115KV_TB3 80664	21.66 0.79 0.00	19.92 0.72 -0.75	20.09 0.65 -2.68	19.99 0.59 -3.54	19.71 0.62 -2.80	21.21 0.67 -3.05	21.09 0.71 0.00	22.70 0.79 0.00	23.42 0.86 0.00	23.39 0.79 0.00	25.20 0.88 0.00	25.42 0.93 0.00	26.03 0.95 0.00	27.66 0.99 0.00	28.69 1.05 0.00	31.04 1.19 0.00	37.97 1.57 0.00	40.94 1.76 0.00	41.87 1.80 0.00	40.04 1.69 0.00	45.38 1.58 -8.58	33.31 1.34 0.00	28.95 1.17 0.00	25.81 0.94 0.00
RUSSELL____1 23602	20.22 -0.65 0.00	17.86 -0.59 0.00	16.17 -0.59 0.00	15.31 -0.56 0.00	15.75 -0.54 0.00	17.00 -0.51 0.00	19.81 -0.57 0.00	21.56 -0.35 0.00	22.22 -0.34 0.00	22.40 -0.20 0.00	24.00 -0.32 0.00	24.20 -0.29 0.00	24.73 -0.35 0.00	26.44 -0.24 0.00	27.39 -0.25 0.00	29.64 -0.21 0.00	35.97 -0.44 0.00	38.67 -0.51 0.00	39.67 -0.40 0.00	37.90 -0.46 0.00	34.90 -0.32 0.00	31.36 -0.61 0.00	27.56 -0.22 0.00	24.67 -0.20 0.00
RUSSELL____2 23532	20.22 -0.65 0.00	17.86 -0.59 0.00	16.17 -0.59 0.00	15.31 -0.56 0.00	15.75 -0.54 0.00	17.00 -0.51 0.00	19.81 -0.57 0.00	21.56 -0.35 0.00	22.22 -0.34 0.00	22.40 -0.20 0.00	24.00 -0.32 0.00	24.20 -0.29 0.00	24.73 -0.35 0.00	26.44 -0.24 0.00	27.39 -0.25 0.00	29.64 -0.21 0.00	35.97 -0.44 0.00	38.67 -0.51 0.00	39.67 -0.40 0.00	37.90 -0.46 0.00	34.90 -0.32 0.00	31.36 -0.61 0.00	27.56 -0.22 0.00	24.67 -0.20 0.00
RUSSELL____3 23549	20.22 -0.65 0.00	17.86 -0.59 0.00	16.17 -0.59 0.00	15.31 -0.56 0.00	15.75 -0.54 0.00	17.00 -0.51 0.00	19.81 -0.57 0.00	21.56 -0.35 0.00	22.22 -0.34 0.00	22.40 -0.20 0.00	24.00 -0.32 0.00	24.20 -0.29 0.00	24.73 -0.35 0.00	26.44 -0.24 0.00	27.39 -0.25 0.00	29.64 -0.21 0.00	35.97 -0.44 0.00	38.67 -0.51 0.00	39.67 -0.40 0.00	37.90 -0.46 0.00	34.90 -0.32 0.00	31.36 -0.61 0.00	27.56 -0.22 0.00	24.67 -0.20 0.00
RUSSELL____4 23556	20.22 -0.65 0.00	17.86 -0.59 0.00	16.17 -0.59 0.00	15.31 -0.56 0.00	15.75 -0.54 0.00	17.00 -0.51 0.00	19.81 -0.57 0.00	21.56 -0.35 0.00	22.22 -0.34 0.00	22.40 -0.20 0.00	24.00 -0.32 0.00	24.20 -0.29 0.00	24.73 -0.35 0.00	26.44 -0.24 0.00	27.39 -0.25 0.00	29.64 -0.21 0.00	35.97 -0.44 0.00	38.67 -0.51 0.00	39.67 -0.40 0.00	37.90 -0.46 0.00	34.90 -0.32 0.00	31.36 -0.61 0.00	27.56 -0.22 0.00	24.67 -0.20 0.00
RUSSELL____STATION 23914	20.22 -0.65 0.00	17.86 -0.59 0.00	16.17 -0.59 0.00	15.31 -0.56 0.00	15.75 -0.54 0.00	17.00 -0.51 0.00	19.81 -0.57 0.00	21.56 -0.35 0.00	22.22 -0.34 0.00	22.40 -0.20 0.00	24.00 -0.32 0.00	24.20 -0.29 0.00	24.73 -0.35 0.00	26.44 -0.24 0.00	27.39 -0.25 0.00	29.64 -0.21 0.00	35.97 -0.44 0.00	38.67 -0.51 0.00	39.67 -0.40 0.00	37.90 -0.46 0.00	34.90 -0.32 0.00	31.36 -0.61 0.00	27.56 -0.22 0.00	24.67 -0.20 0.00
S SALMON____HYD 24043	20.70 -0.17 0.00	18.30 -0.15 0.00	16.61 -0.15 0.00	15.71 -0.16 0.00	16.16 -0.13 0.00	17.42 -0.09 0.00	20.30 -0.08 0.00	21.76 -0.15 0.00	22.34 -0.23 0.00	22.37 -0.23 0.00	24.41 -0.24 -0.33	24.60 -0.24 -0.35	25.11 -0.23 -0.26	26.63 -0.16 -0.11	27.63 -0.19 -0.18	30.07 -0.27 -0.49	37.24 -0.47 -1.31	40.39 -0.47 -1.68	41.77 -0.24 -1.94	39.75 -0.11 -1.51	36.23 -0.07 -1.08	32.49 -0.19 -0.71	27.84 -0.06 -0.11	24.54 -0.15 0.18
S.PERRY__115KV_TB1 80734	20.70 -0.17 0.00	18.25 -0.20 0.00	16.51 -0.25 0.00	15.60 -0.27 0.00	16.08 -0.21 0.00	17.36 -0.14 0.00	20.25 -0.12 0.00	22.02 0.11 0.00	22.52 -0.05 0.00	22.69 0.09 0.00	24.27 -0.05 0.00	24.37 -0.12 0.00	24.88 -0.20 0.00	26.60 -0.08 0.00	27.56 -0.08 0.00	30.00 0.15 0.00	35.24 -1.17 0.00	38.00 -1.18 0.00	39.23 -0.84 0.00	37.70 -0.65 0.00	35.08 -0.39 -0.25	31.17 -0.80 0.00	28.25 0.47 0.00	25.21 0.35 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.66 -1.21 0.00	17.34 -1.11 0.00	15.67 -1.09 0.00	14.87 -1.00 0.00	15.30 -0.99 0.00	16.51 -1.00 0.00	19.28 -1.10 0.00	21.10 -0.81 0.00	21.77 -0.79 0.00	21.97 -0.63 0.00	23.54 -0.78 0.00	23.63 -0.86 0.00	24.07 -1.00 0.00	25.72 -0.96 0.00	26.59 -1.05 0.00	28.77 -1.07 0.00	34.73 -1.67 0.00	37.30 -1.88 0.00	38.31 -1.76 0.00	36.48 -1.88 0.00	33.93 -1.51 -0.23	30.24 -1.73 0.00	26.84 -0.94 0.00	24.22 -0.65 0.00
SAWYER____23_KV_LOAD 55526	19.66 -1.21 0.00	17.34 -1.11 0.00	15.67 -1.09 0.00	14.87 -1.00 0.00	15.30 -0.99 0.00	16.51 -1.00 0.00	19.28 -1.10 0.00	21.10 -0.81 0.00	21.77 -0.79 0.00	21.97 -0.63 0.00	23.54 -0.78 0.00	23.63 -0.86 0.00	24.07 -1.00 0.00	25.72 -0.96 0.00	26.59 -1.05 0.00	28.77 -1.07 0.00	34.73 -1.67 0.00	37.30 -1.88 0.00	38.31 -1.76 0.00	36.48 -1.88 0.00	33.93 -1.51 -0.23	30.24 -1.73 0.00	26.84 -0.94 0.00	24.22 -0.65 0.00

SELKIRK___I 23801	21.60 0.73 0.00	19.51 0.76 -0.30	18.52 0.70 -1.06	17.90 0.64 -1.40	18.04 0.63 -1.11	19.39 0.68 -1.21	21.15 0.77 0.00	22.64 0.72 0.00	23.28 0.72 0.00	23.19 0.59 0.00	24.93 0.61 0.00	25.13 0.64 0.00	25.71 0.63 0.00	27.32 0.64 0.00	28.36 0.72 0.00	30.68 0.83 0.00	37.68 1.27 0.00	40.67 1.49 0.00	41.68 1.60 0.00	39.93 1.57 0.00	40.82 1.48 -4.13	33.25 1.28 0.00	28.86 1.08 0.00	25.76 0.89 0.00
SELKIRK___II 23799	21.56 0.69 0.00	19.48 0.70 -0.32	18.58 0.67 -1.15	17.97 0.59 -1.52	18.10 0.60 -1.21	19.46 0.65 -1.31	21.13 0.75 0.00	22.66 0.75 0.00	23.35 0.79 0.00	23.30 0.70 0.00	25.08 0.75 0.00	25.27 0.78 0.00	25.86 0.78 0.00	27.48 0.80 0.00	28.53 0.88 0.00	30.80 0.95 0.00	37.79 1.38 0.00	40.70 1.53 0.00	41.63 1.56 0.00	39.85 1.49 0.00	40.98 1.37 -4.39	33.15 1.18 0.00	28.78 1.00 0.00	25.68 0.82 0.00
SENECA OSWGO___HYD 24041	20.64 -0.23 0.00	18.23 -0.22 0.00	16.56 -0.20 0.00	15.64 -0.22 0.00	16.06 -0.23 0.00	17.33 -0.18 0.00	20.15 -0.22 0.00	21.63 -0.29 0.00	22.23 -0.34 0.00	22.31 -0.29 0.00	24.47 -0.32 -0.47	24.67 -0.32 -0.50	25.39 -0.30 -0.61	27.51 -0.27 -1.10	28.76 -0.28 -1.40	31.60 -0.30 -2.05	39.88 -0.44 -3.91	43.43 -0.47 -4.72	44.68 -0.32 -4.93	42.45 -0.31 -4.41	38.41 -0.28 -3.48	34.24 -0.35 -2.62	28.88 -0.25 -1.35	25.22 -0.27 -0.63
SENECA___115KV_TB3 355854	19.91 -0.96 0.00	17.56 -0.89 0.00	15.87 -0.89 0.00	15.04 -0.82 0.00	15.49 -0.80 0.00	16.72 -0.79 0.00	19.52 -0.86 0.00	21.37 -0.55 0.00	22.07 -0.50 0.00	22.28 -0.32 0.00	23.91 -0.41 0.00	24.00 -0.49 0.00	24.45 -0.63 0.00	26.14 -0.53 0.00	27.03 -0.61 0.00	29.25 -0.60 0.00	35.36 -1.06 -0.01	37.97 -1.21 -0.01	39.03 -1.04 -0.01	37.13 -1.23 -0.01	34.55 -0.92 -0.25	30.72 -1.25 0.00	27.17 -0.61 0.00	24.54 -0.32 0.00
SENECA___ENERGY 23797	20.62 -0.25 0.00	18.19 -0.26 0.00	16.49 -0.27 0.00	15.58 -0.29 0.00	16.02 -0.28 0.00	17.33 -0.18 0.00	20.21 -0.16 0.00	21.78 -0.13 0.00	22.45 -0.11 0.00	22.53 -0.07 0.00	24.45 -0.05 -0.18	24.61 -0.07 -0.19	25.24 -0.08 -0.23	27.10 0.00 -0.42	28.17 0.00 -0.53	30.63 0.00 -0.78	37.86 -0.04 -1.49	41.02 0.04 -1.80	42.19 0.24 -1.88	40.23 0.19 -1.68	36.75 0.21 -1.33	32.90 -0.06 -1.00	28.30 0.00 -0.51	25.06 -0.05 -0.24
SHOEMAKER___GT 23640	21.98 1.11 0.00	19.43 0.92 -0.06	17.83 0.87 -0.20	16.89 0.76 -0.27	17.29 0.78 -0.21	18.59 0.86 -0.23	21.39 1.02 0.00	23.10 1.18 0.00	23.92 1.35 0.00	23.98 1.38 0.00	25.83 1.51 0.00	26.04 1.54 0.00	26.66 1.58 0.00	28.33 1.65 0.00	29.41 1.77 0.00	31.73 1.88 0.00	38.99 2.59 0.00	42.00 2.82 0.00	42.80 2.73 0.00	40.93 2.57 0.00	38.92 2.26 -1.44	33.95 1.98 0.00	29.45 1.67 0.00	26.26 1.39 0.00
SHOEMAKR_138KV_BK 111 55601	21.98 1.11 0.00	19.43 0.92 -0.06	17.85 0.89 -0.20	16.89 0.76 -0.27	17.32 0.81 -0.21	18.59 0.86 -0.23	21.40 1.02 0.00	23.14 1.23 0.00	23.94 1.38 0.00	23.98 1.38 0.00	25.85 1.53 0.00	26.06 1.57 0.00	26.68 1.60 0.00	28.36 1.68 0.00	29.41 1.77 0.00	31.76 1.91 0.00	38.99 2.58 0.00	42.00 2.82 0.00	42.80 2.72 0.00	40.93 2.57 0.00	38.93 2.29 -1.43	33.92 1.95 0.00	29.39 1.61 0.00	26.26 1.39 0.00
SHOREHAM_IC_1 23715	23.08 2.21 0.00	20.19 1.68 -0.07	18.61 1.62 -0.23	17.46 1.28 -0.31	17.89 1.35 -0.24	19.38 1.61 -0.26	22.23 1.85 0.00	24.22 2.30 0.00	25.20 2.64 0.00	25.47 2.87 0.00	31.61 2.97 -4.33	32.49 3.01 -4.99	33.74 3.06 -5.61	35.65 3.15 -5.83	47.44 3.43 -16.37	51.29 3.73 -17.71	47.54 4.51 -6.62	49.81 4.86 -5.77	53.24 4.73 -8.45	44.85 4.49 -2.01	40.23 3.38 -1.64	35.64 3.58 -0.09	31.66 3.22 -0.66	29.60 2.81 -1.92
SHOREHAM_IC_2 23716	23.08 2.21 0.00	20.19 1.68 -0.07	18.61 1.62 -0.23	17.46 1.28 -0.31	17.89 1.35 -0.24	19.38 1.61 -0.26	22.23 1.85 0.00	24.22 2.30 0.00	25.20 2.64 0.00	25.47 2.87 0.00	31.61 2.97 -4.33	32.49 3.01 -4.99	33.74 3.06 -5.61	35.65 3.15 -5.83	47.44 3.43 -16.37	51.29 3.73 -17.71	47.54 4.51 -6.62	49.81 4.86 -5.77	53.24 4.73 -8.45	44.85 4.49 -2.01	40.23 3.38 -1.64	35.64 3.58 -0.09	31.66 3.22 -0.66	29.60 2.81 -1.92
SISSONVILLE____ 23735	20.08 -0.79 0.00	17.79 -0.66 0.00	16.09 -0.67 0.00	15.63 -0.24 0.00	15.82 -0.47 0.00	16.91 -0.60 0.00	19.77 -0.61 0.00	21.24 -0.68 0.00	21.71 -0.86 0.00	21.70 -0.90 0.00	23.30 -1.02 0.00	23.41 -1.08 0.01	21.99 -1.18 1.91	18.04 -1.33 7.30	17.41 -1.47 8.77	17.80 -1.58 10.46	18.63 -1.93 15.85	18.93 -2.23 18.02	20.95 -2.28 16.84	18.91 -1.99 17.45	18.48 -1.76 14.97	18.11 -1.41 12.45	17.62 -0.97 9.18	17.27 -0.80 6.80
SITHE_IND_GS1 24169	20.35 -0.52 0.00	17.99 -0.46 0.00	16.32 -0.44 0.00	15.44 -0.43 0.00	15.85 -0.44 0.00	17.07 -0.44 0.00	19.85 -0.53 0.00	21.26 -0.66 0.00	21.84 -0.72 0.00	21.90 -0.70 0.00	22.03 -0.75 1.54	22.09 -0.76 1.64	22.31 -0.78 2.00	22.28 -0.80 3.60	22.25 -0.83 4.56	22.25 -0.89 6.70	22.50 -1.13 12.78	22.53 -1.21 15.43	22.81 -1.16 16.10	22.84 -1.11 14.40	22.86 -0.99 11.37	22.43 -0.99 8.55	22.53 -0.83 4.42	22.03 -0.77 2.06
SITHE_IND_GS2 24170	20.35 -0.52 0.00	17.99 -0.46 0.00	16.32 -0.44 0.00	15.44 -0.43 0.00	15.85 -0.44 0.00	17.07 -0.44 0.00	19.85 -0.53 0.00	21.26 -0.66 0.00	21.84 -0.72 0.00	21.90 -0.70 0.00	22.03 -0.75 1.54	22.09 -0.76 1.64	22.31 -0.78 2.00	22.28 -0.80 3.60	22.25 -0.83 4.56	22.25 -0.89 6.70	22.50 -1.13 12.78	22.53 -1.21 15.43	22.81 -1.16 16.10	22.84 -1.11 14.40	22.86 -0.99 11.37	22.43 -0.99 8.55	22.53 -0.83 4.42	22.03 -0.77 2.06
SITHE_IND_GS3 24171	20.35 -0.52 0.00	17.99 -0.46 0.00	16.32 -0.44 0.00	15.44 -0.43 0.00	15.85 -0.44 0.00	17.07 -0.44 0.00	19.85 -0.53 0.00	21.26 -0.66 0.00	21.84 -0.72 0.00	21.90 -0.70 0.00	22.03 -0.75 1.54	22.09 -0.76 1.64	22.31 -0.78 2.00	22.28 -0.80 3.60	22.25 -0.83 4.56	22.25 -0.89 6.70	22.50 -1.13 12.78	22.53 -1.21 15.43	22.81 -1.16 16.10	22.84 -1.11 14.40	22.86 -0.99 11.37	22.43 -0.99 8.55	22.53 -0.83 4.42	22.03 -0.77 2.06
SITHE_IND_GS4 24172	20.35 -0.52 0.00	17.99 -0.46 0.00	16.32 -0.44 0.00	15.44 -0.43 0.00	15.85 -0.44 0.00	17.07 -0.44 0.00	19.85 -0.53 0.00	21.26 -0.66 0.00	21.84 -0.72 0.00	21.90 -0.70 0.00	22.03 -0.75 1.54	22.09 -0.76 1.64	22.31 -0.78 2.00	22.28 -0.80 3.60	22.25 -0.83 4.56	22.25 -0.89 6.70	22.50 -1.13 12.78	22.53 -1.21 15.43	22.81 -1.16 16.10	22.84 -1.11 14.40	22.86 -0.99 11.37	22.43 -0.99 8.55	22.53 -0.83 4.42	22.03 -0.77 2.06
SITHE___BATAVIA 24024	20.06 -0.81 0.00	17.71 -0.74 0.00	16.02 -0.74 0.00	15.17 -0.70 0.00	15.56 -0.73 0.00	16.87 -0.63 0.00	19.66 -0.71 0.00	21.41 -0.50 0.00	22.20 -0.36 0.00	22.17 -0.43 0.00	24.13 -0.20 0.00	24.15 -0.34 0.00	24.70 -0.38 0.00	26.33 -0.35 0.00	27.12 -0.53 0.00	29.46 -0.39 0.00	35.61 -0.80 -0.01	38.40 -0.78 -0.01	39.48 -0.60 -0.01	37.71 -0.65 -0.01	34.80 -0.42 -0.01	31.17 -0.80 0.00	27.31 -0.47 0.00	24.72 -0.15 0.00

SITHE___INDEPEND 23800	20.35 -0.52 0.00	17.99 -0.46 0.00	16.32 -0.44 0.00	15.44 -0.43 0.00	15.87 -0.42 0.00	17.07 -0.44 0.00	19.85 -0.53 0.00	21.24 -0.68 0.00	21.84 -0.72 0.00	21.92 -0.68 0.00	22.01 -0.78 1.54	22.09 -0.76 1.64	22.31 -0.78 2.00	22.28 -0.80 3.60	22.28 -0.80 4.56	22.25 -0.90 6.70	22.54 -1.09 12.78	22.53 -1.21 15.43	22.81 -1.16 16.10	22.84 -1.11 14.40	22.82 -1.02 11.37	22.43 -0.99 8.55	22.56 -0.81 4.42	22.03 -0.77 2.06
SITHE___MASSENA 23902	20.22 -0.65 0.00	17.91 -0.54 0.00	16.22 -0.54 0.00	15.68 -0.19 0.00	16.08 -0.21 0.00	17.01 -0.49 0.00	19.81 -0.57 0.00	21.32 -0.59 0.00	21.86 -0.70 0.00	21.88 -0.72 0.00	23.47 -0.85 0.00	23.60 -0.88 0.01	21.86 -0.90 2.32	16.89 -0.93 8.85	16.04 -0.97 10.64	16.11 -1.05 12.69	15.91 -1.28 19.22	15.91 -1.41 21.86	18.17 -1.48 20.42	15.84 -1.34 21.17	15.89 -1.16 18.16	15.91 -0.96 15.10	15.92 -0.72 11.14	16.00 -0.62 8.25
SITHE___OGDNSBRG 24021	20.29 -0.58 0.00	17.99 -0.46 0.00	16.27 -0.49 0.00	15.79 -0.08 0.00	16.00 -0.29 0.00	17.12 -0.39 0.00	19.99 -0.39 0.00	21.48 -0.44 0.00	21.95 -0.61 0.00	21.92 -0.68 0.00	23.52 -0.80 0.00	23.65 -0.83 0.01	22.18 -0.83 2.07	17.89 -0.88 7.90	17.24 -0.91 9.49	17.53 -0.98 11.33	18.01 -1.24 17.16	18.22 -1.45 19.51	20.44 -1.40 18.23	18.35 -1.11 18.89	18.05 -0.95 16.21	17.79 -0.70 13.48	17.31 -0.53 9.94	17.06 -0.45 7.36
SITHE___STERLING 23777	21.39 0.52 0.00	18.93 0.48 0.00	17.18 0.42 0.00	16.21 0.35 0.00	16.70 0.41 0.00	17.99 0.49 0.00	20.99 0.61 0.00	22.55 0.64 0.00	23.19 0.63 0.00	23.21 0.61 0.00	25.05 0.66 -0.07	25.23 0.66 -0.08	25.90 0.73 -0.09	27.72 0.88 -0.17	28.74 0.88 -0.21	31.11 0.95 -0.31	38.23 1.24 -0.59	41.34 1.45 -0.71	42.49 1.68 -0.74	40.75 1.73 -0.66	37.33 1.59 -0.52	33.64 1.28 -0.39	29.01 1.03 -0.20	25.78 0.82 -0.10
SLEIGHT___34_KV_TB1 80719	20.24 -0.63 0.00	17.88 -0.57 0.00	16.19 -0.57 0.00	15.31 -0.56 0.00	15.77 -0.52 0.00	17.01 -0.49 0.00	19.85 -0.53 0.00	21.52 -0.39 0.00	22.13 -0.43 0.00	22.31 -0.29 0.00	23.93 -0.39 0.00	24.10 -0.39 0.00	24.65 -0.43 0.00	26.36 -0.32 0.00	27.31 -0.33 0.00	29.49 -0.36 0.00	35.90 -0.51 0.00	38.59 -0.59 0.00	39.63 -0.44 0.00	37.90 -0.46 0.00	34.83 -0.39 0.00	31.36 -0.61 0.00	27.47 -0.31 0.00	24.52 -0.35 0.00
SOUTH CAIRO___GT 23612	22.08 1.21 0.00	19.86 1.13 -0.28	18.76 1.01 -0.99	18.11 0.94 -1.31	18.28 0.94 -1.04	19.68 1.05 -1.13	21.74 1.37 0.00	23.14 1.23 0.00	23.78 1.22 0.00	23.46 0.86 0.00	25.24 0.92 0.00	25.45 0.96 0.00	26.11 1.03 0.00	27.74 1.07 0.00	28.97 1.33 0.00	31.34 1.49 0.00	38.66 2.26 0.00	42.00 2.82 0.00	43.16 3.09 0.00	41.39 3.03 0.00	41.82 2.71 -3.89	34.40 2.43 0.00	29.78 2.00 0.00	26.48 1.62 0.00
SOUTH HAMPTN___IC 23720	23.35 2.48 0.00	20.42 1.90 -0.07	18.85 1.86 -0.23	17.68 1.51 -0.31	18.13 1.60 -0.24	19.64 1.87 -0.26	22.56 2.18 0.00	24.57 2.65 0.00	25.61 3.04 0.00	25.90 3.30 0.00	32.15 3.50 -4.33	33.06 3.58 -4.99	34.27 3.59 -5.61	36.21 3.71 -5.83	48.02 4.01 -16.37	51.92 4.36 -17.71	48.60 5.57 -6.62	50.94 5.99 -5.77	54.41 5.89 -8.45	45.81 5.44 -2.01	41.01 4.15 -1.64	36.12 4.06 -0.09	31.97 3.53 -0.66	29.85 3.06 -1.92
SOUTHDOW___115KV_TB1 355954	20.31 -0.56 0.00	17.82 -0.63 0.00	16.04 -0.72 0.00	15.18 -0.68 0.00	15.67 -0.62 0.00	16.94 -0.56 0.00	19.85 -0.53 0.00	21.85 -0.07 0.00	22.72 0.16 0.00	22.96 0.36 0.00	24.71 0.39 0.00	24.69 0.20 0.00	25.13 0.05 0.00	26.94 0.27 0.00	27.86 0.22 0.00	30.09 0.24 0.00	36.37 -0.04 0.00	39.10 -0.08 0.00	40.19 0.12 0.00	38.28 -0.08 0.00	35.62 0.14 -0.27	31.52 -0.45 0.00	27.67 -0.11 0.00	24.87 0.00 0.00
SOUTHOLD_69_KV_BK 2 55809	23.52 2.65 0.00	20.60 2.08 -0.07	19.05 2.06 -0.23	17.89 1.71 -0.31	18.38 1.84 -0.24	19.90 2.14 -0.26	22.86 2.49 0.00	24.98 3.07 0.00	26.02 3.45 0.00	26.33 3.73 0.00	32.66 4.01 -4.33	33.57 4.09 -4.99	34.77 4.09 -5.61	36.70 4.19 -5.83	48.46 4.45 -16.37	52.39 4.84 -17.71	49.18 6.15 -6.62	51.57 6.62 -5.77	55.01 6.49 -8.45	46.31 5.95 -2.01	41.43 4.58 -1.64	36.35 4.28 -0.09	32.02 3.58 -0.66	29.90 3.11 -1.92
SOUTHOLD___IC 23719	23.52 2.65 0.00	20.60 2.08 -0.07	19.05 2.06 -0.23	17.89 1.71 -0.31	18.34 1.81 -0.24	19.90 2.13 -0.26	22.86 2.49 0.00	24.92 3.00 0.00	25.99 3.43 0.00	26.33 3.73 0.00	32.64 3.99 -4.33	33.55 4.07 -4.99	34.78 4.09 -5.61	36.70 4.19 -5.83	48.46 4.45 -16.37	52.36 4.81 -17.71	49.18 6.15 -6.62	51.61 6.66 -5.77	55.01 6.49 -8.45	46.31 5.95 -2.01	41.29 4.44 -1.64	36.35 4.29 -0.09	32.08 3.64 -0.66	29.90 3.11 -1.92
SOUTH_FORK_WT_PWR 323839	23.44 2.57 0.00	20.53 2.01 -0.07	19.02 2.03 -0.23	17.87 1.70 -0.31	18.34 1.81 -0.24	19.90 2.13 -0.26	22.86 2.49 0.00	24.94 3.03 0.00	26.02 3.45 0.00	26.35 3.75 0.00	32.66 4.01 -4.33	33.57 4.09 -4.99	34.75 4.06 -5.61	36.61 4.11 -5.83	48.35 4.34 -16.37	52.18 4.63 -17.71	48.92 5.90 -6.62	51.26 6.31 -5.77	54.61 6.09 -8.45	45.89 5.52 -2.01	40.87 4.01 -1.64	35.96 3.90 -0.09	31.71 3.28 -0.66	29.60 2.81 -1.92
SPIERFLS_115KV_TB 1 80737	22.33 1.46 0.00	20.49 1.33 -0.72	20.49 1.19 -2.54	20.30 1.08 -3.35	20.09 1.14 -2.66	21.62 1.23 -2.89	21.27 0.90 0.00	22.86 0.94 0.00	23.65 1.08 0.00	23.50 0.90 0.00	25.32 1.00 0.00	25.64 1.15 0.00	26.26 1.18 0.00	27.85 1.17 0.00	28.94 1.30 0.00	31.37 1.52 0.00	38.23 1.82 0.00	41.33 2.15 0.00	42.48 2.40 0.00	40.31 1.96 0.00	45.52 2.11 -8.19	33.73 1.76 0.00	29.42 1.64 0.00	26.16 1.29 0.00
ST LAWRENCE____ 23600	20.31 -0.56 0.00	17.97 -0.48 0.00	16.29 -0.47 0.00	15.55 -0.32 0.00	15.95 -0.34 0.00	17.03 -0.47 0.00	19.83 -0.55 0.00	21.37 -0.55 0.00	21.91 -0.66 0.00	21.94 -0.66 0.00	23.59 -0.73 0.00	23.72 -0.76 0.01	21.88 -0.78 2.43	16.57 -0.83 9.28	15.61 -0.89 11.14	15.59 -0.96 13.30	15.03 -1.24 20.14	14.91 -1.37 22.90	17.27 -1.40 21.40	14.88 -1.30 22.17	14.99 -1.20 19.03	15.19 -0.96 15.82	15.28 -0.83 11.67	15.56 -0.67 8.64
STATE_CA_115KV_115_LB 55624	21.66 0.79 0.00	19.86 0.90 -0.51	19.41 0.84 -1.81	19.02 0.76 -2.39	18.97 0.78 -1.89	20.39 0.82 -2.06	21.31 0.94 0.00	22.79 0.88 0.00	23.49 0.93 0.00	23.35 0.75 0.00	25.17 0.85 0.00	25.42 0.93 0.00	26.01 0.93 0.00	27.58 0.91 0.00	28.64 1.00 0.00	30.95 1.10 0.00	38.01 1.60 0.00	41.02 1.84 0.00	41.95 1.88 0.00	40.16 1.80 0.00	43.10 1.69 -6.19	33.41 1.44 0.00	28.98 1.19 0.00	25.86 0.99 0.00
STATE_ST_34_KV_LOAD 55959	20.85 -0.02 0.00	18.41 -0.04 0.00	16.71 -0.05 0.00	15.79 -0.08 0.00	16.26 -0.03 0.00	17.52 0.02 0.00	20.44 0.06 0.00	22.00 0.09 0.00	22.63 0.07 0.00	22.78 0.18 0.00	24.65 0.12 -0.21	24.86 0.15 -0.22	25.50 0.15 -0.27	27.41 0.24 -0.49	28.54 0.28 -0.63	31.03 0.27 -0.92	38.52 0.36 -1.75	41.68 0.39 -2.11	42.92 0.64 -2.21	40.90 0.58 -1.97	37.30 0.53 -1.56	33.46 0.32 -1.17	28.72 0.33 -0.61	25.30 0.15 -0.28

STATION 5_MISC_HYD 23604	20.14 -0.73 0.00	17.80 -0.65 0.00	16.12 -0.64 0.00	15.25 -0.62 0.00	15.66 -0.64 0.00	16.93 -0.58 0.00	19.72 -0.65 0.00	21.37 -0.55 0.00	22.11 -0.45 0.00	22.12 -0.48 0.00	23.98 -0.34 0.00	24.07 -0.42 0.00	24.65 -0.43 0.00	26.28 -0.40 0.00	27.15 -0.50 0.00	29.43 -0.42 0.00	35.68 -0.73 0.00	38.39 -0.78 0.00	39.39 -0.68 0.00	37.63 -0.73 0.00	34.69 -0.53 0.00	31.17 -0.80 0.00	27.25 -0.53 0.00	24.52 -0.35 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.45 -0.42 0.00	18.04 -0.41 0.00	16.35 -0.40 0.00	15.45 -0.41 0.00	15.93 -0.36 0.00	17.19 -0.32 0.00	20.05 -0.33 0.00	21.76 -0.15 0.00	22.41 -0.16 0.00	22.56 -0.05 0.00	24.20 -0.12 0.00	24.39 -0.10 0.00	24.93 -0.15 0.00	26.68 0.00 0.00	27.64 0.00 0.00	29.85 0.00 0.00	36.30 -0.11 0.00	39.06 -0.12 0.00	40.11 0.04 0.00	38.36 0.00 0.00	35.25 0.04 0.00	31.71 -0.26 0.00	27.75 -0.03 0.00	24.79 -0.07 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.08 -0.79 0.00	17.73 -0.72 0.00	16.05 -0.70 0.00	15.20 -0.67 0.00	15.64 -0.65 0.00	16.87 -0.63 0.00	19.66 -0.71 0.00	21.39 -0.53 0.00	22.04 -0.52 0.00	22.19 -0.41 0.00	23.81 -0.51 0.00	24.00 -0.49 0.00	24.50 -0.58 0.00	26.22 -0.45 0.00	27.14 -0.50 0.00	29.37 -0.48 0.00	35.64 -0.76 0.00	38.32 -0.86 0.00	39.31 -0.76 0.00	37.55 -0.81 0.00	34.55 -0.67 0.00	31.08 -0.90 0.00	27.31 -0.47 0.00	24.42 -0.45 0.00
STA_56____34_KV_BUS2 355983	20.08 -0.79 0.00	17.73 -0.72 0.00	16.05 -0.70 0.00	15.20 -0.67 0.00	15.64 -0.65 0.00	16.87 -0.63 0.00	19.66 -0.71 0.00	21.39 -0.53 0.00	22.04 -0.52 0.00	22.19 -0.41 0.00	23.81 -0.51 0.00	24.00 -0.49 0.00	24.50 -0.58 0.00	26.22 -0.45 0.00	27.14 -0.50 0.00	29.37 -0.48 0.00	35.64 -0.76 0.00	38.32 -0.86 0.00	39.31 -0.76 0.00	37.55 -0.81 0.00	34.55 -0.67 0.00	31.08 -0.90 0.00	27.31 -0.47 0.00	24.42 -0.45 0.00
STA_67____115KV_BK2 355882	20.12 -0.75 0.00	17.77 -0.68 0.00	16.09 -0.67 0.00	15.23 -0.63 0.00	15.67 -0.62 0.00	16.91 -0.60 0.00	19.70 -0.67 0.00	21.43 -0.48 0.00	22.07 -0.50 0.00	22.24 -0.36 0.00	23.83 -0.49 0.00	24.00 -0.49 0.00	24.53 -0.55 0.00	26.20 -0.48 0.00	27.14 -0.50 0.00	29.34 -0.51 0.00	35.61 -0.80 0.00	38.28 -0.90 0.00	39.27 -0.80 0.00	37.51 -0.84 0.00	34.55 -0.67 0.00	31.08 -0.90 0.00	27.34 -0.44 0.00	24.47 -0.40 0.00
STA_7____115KV_9TRANS 80674	20.22 -0.65 0.00	17.86 -0.59 0.00	16.17 -0.59 0.00	15.31 -0.56 0.00	15.75 -0.54 0.00	17.00 -0.51 0.00	19.81 -0.57 0.00	21.56 -0.35 0.00	22.22 -0.34 0.00	22.40 -0.20 0.00	24.00 -0.32 0.00	24.20 -0.29 0.00	24.73 -0.35 0.00	26.44 -0.24 0.00	27.39 -0.25 0.00	29.64 -0.21 0.00	35.97 -0.44 0.00	38.67 -0.51 0.00	39.67 -0.40 0.00	37.90 -0.46 0.00	34.90 -0.32 0.00	31.36 -0.61 0.00	27.56 -0.22 0.00	24.67 -0.20 0.00
STA_82____115KV_TB1 80780	20.12 -0.75 0.00	17.77 -0.68 0.00	16.09 -0.67 0.00	15.23 -0.63 0.00	15.67 -0.62 0.00	16.91 -0.60 0.00	19.70 -0.67 0.00	21.43 -0.48 0.00	22.09 -0.47 0.00	22.24 -0.36 0.00	23.86 -0.46 0.00	24.03 -0.47 0.00	24.53 -0.55 0.00	26.22 -0.45 0.00	27.14 -0.50 0.00	29.37 -0.48 0.00	35.61 -0.80 0.00	38.28 -0.90 0.00	39.27 -0.80 0.00	37.55 -0.81 0.00	34.58 -0.63 0.00	31.08 -0.90 0.00	27.36 -0.42 0.00	24.49 -0.37 0.00
STEEL____WIND 323596	19.91 -0.96 0.00	17.56 -0.89 0.00	15.85 -0.91 0.00	15.02 -0.84 0.00	15.40 -0.90 0.00	16.72 -0.79 0.00	19.48 -0.90 0.00	21.17 -0.75 0.00	22.02 -0.54 0.00	22.01 -0.59 0.00	24.00 -0.32 0.00	23.98 -0.52 0.00	24.53 -0.55 0.00	26.11 -0.56 0.00	26.90 -0.75 0.00	29.22 -0.63 0.00	35.25 -1.17 -0.01	37.93 -1.26 -0.01	39.00 -1.08 -0.01	37.10 -1.26 -0.01	34.41 -1.06 -0.25	30.69 -1.28 0.00	26.92 -0.86 0.00	24.52 -0.35 0.00
STEPHTWN_115KV_BK_2 55603	21.79 0.92 0.00	19.87 1.00 -0.42	19.18 0.92 -1.50	18.67 0.82 -1.98	18.71 0.85 -1.57	20.12 0.91 -1.70	21.44 1.06 0.00	22.92 1.01 0.00	23.60 1.04 0.00	23.46 0.86 0.00	25.29 0.97 0.00	25.52 1.03 0.00	26.13 1.05 0.00	27.72 1.04 0.00	28.75 1.11 0.00	31.10 1.25 0.00	38.23 1.82 0.00	41.29 2.12 0.00	42.27 2.20 0.00	40.47 2.11 0.00	42.49 1.94 -5.33	33.63 1.66 0.00	29.17 1.39 0.00	26.01 1.14 0.00
STEUBEN_REC_LFGE 323667	20.60 -0.27 0.00	18.14 -0.31 0.00	16.34 -0.42 0.00	15.42 -0.44 0.00	15.90 -0.39 0.00	17.17 -0.33 0.00	20.11 -0.26 0.00	21.96 0.04 0.00	22.61 0.05 0.00	22.85 0.25 0.00	24.55 0.17 -0.06	24.68 0.12 -0.06	25.18 0.03 -0.08	27.00 0.19 -0.14	27.95 0.14 -0.17	30.22 0.12 -0.26	36.86 -0.04 -0.49	39.81 0.04 -0.59	41.05 0.36 -0.62	39.06 0.15 -0.55	36.12 0.14 -0.76	31.85 -0.45 -0.33	27.73 -0.22 -0.17	24.70 -0.25 -0.08
STILLWATER____SOLAR 323814	22.14 1.27 0.00	20.31 1.16 -0.70	20.28 1.06 -2.47	20.09 0.97 -3.26	19.87 0.99 -2.58	21.40 1.09 -2.81	21.64 1.26 0.00	23.23 1.31 0.00	23.96 1.40 0.00	23.87 1.26 0.00	25.46 1.14 0.00	25.74 1.25 0.00	26.36 1.28 0.00	28.01 1.33 0.00	29.08 1.44 0.00	31.49 1.64 0.00	38.55 2.15 0.00	41.65 2.47 0.00	42.71 2.64 0.00	40.81 2.46 0.00	45.58 2.36 -8.00	33.99 2.02 0.00	29.56 1.78 0.00	26.31 1.44 0.00
STONY____BROOK 24151	23.21 2.34 0.00	20.30 1.79 -0.07	18.72 1.73 -0.23	17.55 1.38 -0.31	17.99 1.45 -0.24	19.47 1.70 -0.26	22.35 1.98 0.00	24.35 2.43 0.00	25.34 2.77 0.00	25.61 3.01 0.00	31.76 3.11 -4.33	32.64 3.16 -4.99	33.87 3.19 -5.61	35.76 3.25 -5.83	47.52 3.51 -16.37	51.38 3.82 -17.71	47.76 4.73 -6.62	50.09 5.13 -5.78	53.53 5.01 -8.45	45.17 4.79 -2.02	40.69 3.84 -1.64	35.77 3.71 -0.09	31.85 3.42 -0.66	29.77 2.98 -1.92
STURGEON_POOL_HYD 23609	22.18 1.31 0.00	19.49 0.92 -0.11	18.05 0.89 -0.41	17.16 0.76 -0.54	17.53 0.81 -0.42	18.82 0.86 -0.46	21.54 1.16 0.00	23.38 1.47 0.00	24.23 1.67 0.00	24.32 1.72 0.00	26.27 1.95 0.00	26.45 1.96 0.00	27.11 2.03 0.00	28.78 2.11 0.00	29.88 2.24 0.00	32.23 2.39 0.00	39.61 3.20 0.00	42.63 3.45 0.00	43.32 3.25 0.00	41.39 3.03 0.00	39.86 2.50 -2.14	34.30 2.33 0.00	29.70 1.92 0.00	26.48 1.62 0.00
ST_LAW_115_BK7_LBMP 345037	20.26 -0.61 0.00	17.91 -0.54 0.00	16.24 -0.52 0.00	15.53 -0.33 0.00	15.93 -0.36 0.00	17.00 -0.51 0.00	19.78 -0.59 0.00	21.32 -0.59 0.00	21.86 -0.70 0.00	21.90 -0.70 0.00	23.52 -0.80 0.00	23.68 -0.81 0.01	21.83 -0.85 2.40	16.59 -0.91 9.18	15.68 -0.94 11.02	15.68 -1.01 13.15	15.14 -1.35 19.92	15.08 -1.45 22.65	17.38 -1.52 21.17	15.00 -1.42 21.94	15.09 -1.30 18.82	15.29 -1.02 15.65	15.35 -0.89 11.54	15.60 -0.72 8.55
ST_LAW_115_BK8_LBMP 345038	20.26 -0.61 0.00	17.91 -0.54 0.00	16.24 -0.52 0.00	15.53 -0.33 0.00	15.93 -0.36 0.00	17.00 -0.51 0.00	19.78 -0.59 0.00	21.32 -0.59 0.00	21.86 -0.70 0.00	21.90 -0.70 0.00	23.52 -0.80 0.00	23.68 -0.81 0.01	21.83 -0.85 2.40	16.59 -0.91 9.18	15.68 -0.94 11.02	15.68 -1.01 13.15	15.14 -1.35 19.92	15.08 -1.45 22.65	17.38 -1.52 21.17	15.00 -1.42 21.94	15.09 -1.30 18.82	15.29 -1.02 15.65	15.35 -0.89 11.54	15.60 -0.72 8.55

ST_LAW_230_BK5_LBMP 345035	20.31 -0.56 0.00	17.97 -0.48 0.00	16.29 -0.47 0.00	15.55 -0.32 0.00	15.95 -0.34 0.00	17.03 -0.47 0.00	19.83 -0.55 0.00	21.37 -0.55 0.00	21.91 -0.66 0.00	21.94 -0.66 0.00	23.59 -0.73 0.00	23.72 -0.76 0.01	21.85 -0.78 2.45	16.48 -0.83 9.37	15.50 -0.89 11.25	15.46 -0.96 13.43	14.83 -1.24 20.34	14.68 -1.37 23.13	17.06 -1.40 21.61	14.65 -1.30 22.40	14.80 -1.20 19.22	15.03 -0.96 15.98	15.16 -0.83 11.79	15.47 -0.67 8.72
ST_LAW_230_BK6_LBMP 345036	20.31 -0.56 0.00	17.97 -0.48 0.00	16.29 -0.47 0.00	15.55 -0.32 0.00	15.95 -0.34 0.00	17.03 -0.47 0.00	19.83 -0.55 0.00	21.37 -0.55 0.00	21.91 -0.66 0.00	21.94 -0.66 0.00	23.59 -0.73 0.00	23.72 -0.76 0.01	21.85 -0.78 2.45	16.48 -0.83 9.37	15.50 -0.89 11.25	15.46 -0.96 13.43	14.83 -1.24 20.34	14.68 -1.37 23.13	17.06 -1.40 21.61	14.65 -1.30 22.40	14.80 -1.20 19.22	15.03 -0.96 15.98	15.16 -0.83 11.79	15.47 -0.67 8.72
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.10 1.23 0.00	19.54 1.03 -0.06	17.96 0.99 -0.21	17.00 0.86 -0.28	17.44 0.93 -0.22	18.71 0.96 -0.24	21.54 1.16 0.00	23.32 1.40 0.00	24.14 1.58 0.00	24.21 1.60 0.00	26.12 1.80 0.00	26.30 1.81 0.00	26.93 1.86 0.00	28.60 1.92 0.00	29.69 2.05 0.00	32.03 2.18 0.00	39.36 2.95 0.00	42.39 3.21 0.00	43.16 3.09 0.00	41.23 2.88 0.00	39.28 2.57 -1.49	34.18 2.21 0.00	29.59 1.81 0.00	26.43 1.57 0.00
SWANROAD_115KV_TB1 355699	19.30 -1.57 0.00	17.05 -1.40 0.00	15.40 -1.36 0.00	14.61 -1.25 0.00	15.04 -1.25 0.00	16.23 -1.28 0.00	18.91 -1.47 0.00	20.71 -1.21 0.00	21.37 -1.20 0.00	21.56 -1.04 0.00	23.06 -1.26 0.00	23.17 -1.32 0.00	23.57 -1.50 0.00	25.16 -1.52 0.00	26.01 -1.63 0.00	28.15 -1.70 0.00	33.97 -2.44 0.00	36.44 -2.74 0.00	37.43 -2.64 0.00	35.71 -2.65 0.00	32.97 -2.25 -0.01	29.60 -2.37 0.00	26.36 -1.42 0.00	23.82 -1.04 0.00
SYNERGY___BIOGAS 323694	20.06 -0.81 0.00	17.71 -0.74 0.00	16.02 -0.74 0.00	15.17 -0.70 0.00	15.56 -0.73 0.00	16.87 -0.63 0.00	19.66 -0.71 0.00	21.41 -0.50 0.00	22.20 -0.36 0.00	22.17 -0.43 0.00	24.13 -0.20 0.00	24.15 -0.34 0.00	24.70 -0.38 0.00	26.33 -0.35 0.00	27.12 -0.53 0.00	29.46 -0.39 0.00	35.61 -0.80 -0.01	38.40 -0.78 -0.01	39.48 -0.60 -0.01	37.71 -0.65 -0.01	34.80 -0.42 -0.01	31.17 -0.80 0.00	27.31 -0.47 0.00	24.72 -0.15 0.00
SYRACUSE___ENERGY_ST1 323597	20.81 -0.06 0.00	18.38 -0.07 0.00	16.67 -0.08 0.00	15.75 -0.11 0.00	16.21 -0.08 0.00	17.45 -0.05 0.00	20.32 -0.06 0.00	21.83 -0.09 0.00	22.45 -0.11 0.00	22.58 -0.02 0.00	24.50 -0.07 -0.25	24.69 -0.07 -0.27	25.36 -0.05 -0.33	27.30 0.03 -0.59	28.42 0.03 -0.75	30.95 0.00 -1.11	38.52 0.00 -2.11	41.73 0.00 -2.55	42.85 0.12 -2.66	40.85 0.12 -2.38	37.20 0.11 -1.88	33.38 0.00 -1.41	28.57 0.06 -0.73	25.16 -0.05 -0.34
SYRACUSE___ENERGY_ST2 323598	20.81 -0.06 0.00	18.38 -0.07 0.00	16.67 -0.08 0.00	15.75 -0.11 0.00	16.21 -0.08 0.00	17.45 -0.05 0.00	20.32 -0.06 0.00	21.83 -0.09 0.00	22.45 -0.11 0.00	22.58 -0.02 0.00	24.50 -0.07 -0.25	24.69 -0.07 -0.27	25.36 -0.05 -0.33	27.30 0.03 -0.59	28.42 0.03 -0.75	30.95 0.00 -1.11	38.52 0.00 -2.11	41.73 0.00 -2.55	42.85 0.12 -2.66	40.85 0.12 -2.38	37.20 0.11 -1.88	33.38 0.00 -1.41	28.57 0.06 -0.73	25.16 -0.05 -0.34
SYRACUSE___POWER 24017	20.72 -0.15 0.00	18.30 -0.15 0.00	16.61 -0.15 0.00	15.69 -0.17 0.00	16.15 -0.15 0.00	17.38 -0.12 0.00	20.23 -0.14 0.00	21.74 -0.18 0.00	22.38 -0.18 0.00	22.49 -0.11 0.00	24.32 -0.17 -0.17	24.52 -0.15 -0.18	25.17 -0.13 -0.22	27.01 -0.05 -0.39	28.08 -0.06 -0.49	30.48 -0.09 -0.73	37.64 -0.15 -1.38	40.69 -0.16 -1.67	41.73 -0.08 -1.74	39.84 -0.08 -1.56	36.38 -0.07 -1.23	32.74 -0.16 -0.92	28.18 -0.08 -0.48	24.94 -0.15 -0.22
TALLMAN___138KV_BK151 55660	22.29 1.42 0.00	19.69 1.18 -0.06	18.11 1.14 -0.22	17.12 0.97 -0.29	17.56 1.04 -0.23	18.86 1.10 -0.25	21.68 1.30 0.00	23.51 1.60 0.00	24.39 1.83 0.00	24.48 1.88 0.00	26.41 2.09 0.00	26.60 2.11 0.00	27.23 2.16 0.00	28.92 2.24 0.00	29.99 2.35 0.00	32.35 2.51 0.00	39.79 3.39 0.00	42.86 3.68 0.00	43.60 3.53 0.00	41.62 3.26 0.00	39.65 2.89 -1.54	34.43 2.46 0.00	29.81 2.03 0.00	26.63 1.77 0.00
TEALLAVE_115KV_TB7 355573	20.70 -0.17 0.00	18.28 -0.17 0.00	16.61 -0.15 0.00	15.69 -0.17 0.00	16.15 -0.15 0.00	17.38 -0.12 0.00	20.23 -0.14 0.00	21.74 -0.18 0.00	22.38 -0.18 0.00	22.49 -0.11 0.00	24.28 -0.17 -0.13	24.49 -0.15 -0.14	25.10 -0.15 -0.17	26.91 -0.08 -0.31	27.95 -0.08 -0.39	30.30 -0.12 -0.58	37.33 -0.18 -1.10	40.27 -0.24 -1.33	41.34 -0.12 -1.39	39.48 -0.12 -1.24	36.09 -0.11 -0.98	32.55 -0.16 -0.74	28.08 -0.08 -0.38	24.87 -0.17 -0.18
TELGRAPH_34_KV_EAST 80808	19.76 -1.11 0.00	17.45 -1.00 0.00	15.77 -0.99 0.00	14.95 -0.92 0.00	15.40 -0.90 0.00	16.61 -0.89 0.00	19.40 -0.98 0.00	21.24 -0.68 0.00	21.89 -0.68 0.00	22.08 -0.52 0.00	23.66 -0.66 0.00	23.78 -0.71 0.00	24.23 -0.85 0.00	25.90 -0.77 0.00	26.79 -0.86 0.00	28.98 -0.87 0.00	35.03 -1.38 -0.01	37.66 -1.53 -0.01	38.71 -1.36 -0.01	36.90 -1.46 -0.01	34.06 -1.16 -0.01	30.53 -1.44 0.00	27.06 -0.72 0.00	24.37 -0.50 0.00
TEMPLE___115KV_TB 2 55572	20.72 -0.15 0.00	18.30 -0.15 0.00	16.61 -0.15 0.00	15.69 -0.17 0.00	16.15 -0.15 0.00	17.38 -0.12 0.00	20.23 -0.14 0.00	21.74 -0.18 0.00	22.38 -0.18 0.00	22.49 -0.11 0.00	24.31 -0.15 -0.13	24.49 -0.15 -0.14	25.12 -0.13 -0.17	26.93 -0.05 -0.31	27.98 -0.06 -0.39	30.33 -0.09 -0.58	37.36 -0.15 -1.10	40.31 -0.20 -1.33	41.37 -0.08 -1.38	39.48 -0.12 -1.24	36.12 -0.07 -0.98	32.54 -0.16 -0.73	28.08 -0.08 -0.38	24.89 -0.15 -0.18
TIANA___69_KV_BK 1 55817	23.31 2.44 0.00	20.38 1.86 -0.07	18.82 1.83 -0.23	17.63 1.46 -0.31	18.12 1.58 -0.24	19.59 1.82 -0.26	22.50 2.12 0.00	24.57 2.65 0.00	25.54 2.98 0.00	25.81 3.21 0.00	32.05 3.40 -4.33	32.93 3.45 -4.99	34.17 3.49 -5.61	36.11 3.60 -5.83	47.88 3.87 -16.37	51.80 4.24 -17.71	48.45 5.42 -6.62	50.83 5.88 -5.77	54.29 5.77 -8.45	45.74 5.37 -2.01	41.11 4.26 -1.64	36.09 4.03 -0.09	31.94 3.50 -0.66	29.85 3.06 -1.92
TILDEN___115KV_TB1 80814	20.72 -0.15 0.00	18.30 -0.15 0.00	16.61 -0.15 0.00	15.69 -0.17 0.00	16.15 -0.15 0.00	17.38 -0.12 0.00	20.23 -0.14 0.00	21.74 -0.18 0.00	22.38 -0.18 0.00	22.49 -0.11 0.00	24.32 -0.17 -0.17	24.52 -0.15 -0.18	25.17 -0.13 -0.22	27.01 -0.05 -0.39	28.08 -0.06 -0.49	30.48 -0.09 -0.73	37.64 -0.15 -1.38	40.69 -0.16 -1.67	41.73 -0.08 -1.74	39.84 -0.08 -1.56	36.38 -0.07 -1.23	32.74 -0.16 -0.92	28.18 -0.08 -0.48	24.94 -0.15 -0.22
TRIGEN___CC 323695	22.75 1.88 0.00	19.97 1.46 -0.07	18.40 1.41 -0.23	17.31 1.14 -0.31	17.76 1.22 -0.24	19.13 1.37 -0.26	21.99 1.61 0.00	23.93 2.02 0.00	24.84 2.28 0.00	25.02 2.42 0.00	31.23 2.58 -4.33	32.10 2.62 -4.99	33.35 2.66 -5.61	35.26 2.75 -5.83	46.94 2.93 -16.37	50.69 3.13 -17.71	47.14 4.11 -6.62	49.37 4.43 -5.76	52.80 4.29 -8.44	44.38 4.03 -2.00	40.27 3.42 -1.64	35.36 3.13 -0.25	31.13 2.69 -0.66	29.13 2.34 -1.92

TRINITY__115KV__4 BK 55933	21.62 0.75 0.00	19.73 0.85 -0.43	19.10 0.80 -1.54	18.63 0.73 -2.04	18.65 0.75 -1.61	20.04 0.79 -1.75	21.29 0.92 0.00	22.75 0.83 0.00	23.42 0.86 0.00	23.28 0.68 0.00	25.10 0.78 0.00	25.32 0.83 0.00	25.91 0.83 0.00	27.48 0.80 0.00	28.53 0.88 0.00	30.83 0.98 0.00	37.86 1.46 0.00	40.82 1.65 0.00	41.79 1.72 0.00	40.04 1.69 0.00	42.25 1.58 -5.45	33.31 1.34 0.00	28.92 1.14 0.00	25.81 0.94 0.00
UNION__PROCESSING_DRP 323587	20.12 -0.75 0.00	17.77 -0.68 0.00	16.09 -0.67 0.00	15.23 -0.63 0.00	15.69 -0.60 0.00	16.91 -0.60 0.00	19.70 -0.67 0.00	21.45 -0.46 0.00	22.09 -0.47 0.00	22.24 -0.36 0.00	23.86 -0.46 0.00	24.03 -0.47 0.00	24.53 -0.55 0.00	26.22 -0.45 0.00	27.17 -0.47 0.00	29.37 -0.48 0.00	35.64 -0.76 0.00	38.32 -0.86 0.00	39.27 -0.80 0.00	37.55 -0.81 0.00	34.58 -0.63 0.00	31.11 -0.86 0.00	27.36 -0.42 0.00	24.49 -0.37 0.00
UPPER HUDSON__HYD 24058	22.33 1.46 0.00	20.49 1.33 -0.72	20.49 1.19 -2.54	20.30 1.08 -3.35	20.06 1.11 -2.66	21.62 1.22 -2.89	21.80 1.43 0.00	23.43 1.51 0.00	24.23 1.67 0.00	24.11 1.51 0.00	25.32 1.00 0.00	25.62 1.13 0.00	26.23 1.15 0.00	27.85 1.17 0.00	28.94 1.30 0.00	31.37 1.52 0.00	38.23 1.82 0.00	41.33 2.15 0.00	42.47 2.40 0.00	40.31 1.96 0.00	45.52 2.11 -8.19	33.73 1.76 0.00	29.45 1.67 0.00	26.16 1.29 0.00
UPPER RAQUET__HYD 24056	20.08 -0.79 0.00	17.79 -0.66 0.00	16.09 -0.67 0.00	15.63 -0.24 0.00	16.03 -0.26 0.00	16.91 -0.60 0.00	19.72 -0.65 0.00	21.26 -0.66 0.00	21.71 -0.86 0.00	21.72 -0.88 0.00	23.30 -1.02 0.00	23.43 -1.05 0.01	21.99 -1.18 1.91	18.04 -1.33 7.30	17.41 -1.47 8.77	17.80 -1.58 10.46	18.63 -1.93 15.85	18.93 -2.23 18.02	20.95 -2.28 16.84	18.91 -2.00 17.45	18.48 -1.76 14.97	18.08 -1.44 12.45	17.62 -0.97 9.18	17.27 -0.80 6.80
VALLEY44_115KV_TB2 355964	20.16 -0.71 0.00	17.80 -0.65 0.00	16.05 -0.70 0.00	15.18 -0.68 0.00	15.69 -0.60 0.00	16.93 -0.58 0.00	19.79 -0.59 0.00	21.63 -0.28 0.00	22.34 -0.23 0.00	22.51 -0.09 0.00	24.15 -0.17 0.00	24.22 -0.27 0.00	24.70 -0.38 0.00	26.44 -0.24 0.00	27.37 -0.28 0.00	29.64 -0.21 0.00	35.90 -0.51 0.00	38.71 -0.47 0.00	39.75 -0.32 0.00	37.82 -0.54 0.00	35.11 -0.39 -0.28	31.20 -0.77 0.00	27.39 -0.39 0.00	24.77 -0.10 0.00
VALLEY__115KV_TB 1-4 80826	21.22 0.35 0.00	18.78 0.33 0.00	17.06 0.30 0.00	16.12 0.25 0.00	16.59 0.29 0.00	17.82 0.32 0.00	20.74 0.37 0.00	22.31 0.39 0.00	22.97 0.41 0.00	23.01 0.41 0.00	24.76 0.44 0.00	24.93 0.44 0.00	25.67 0.48 -0.12	27.63 0.51 -0.45	28.68 0.50 -0.54	30.94 0.45 -0.65	37.97 0.58 -0.98	40.96 0.67 -1.12	41.83 0.72 -1.04	40.09 0.65 -1.08	36.67 0.53 -0.93	33.16 0.42 -0.77	28.71 0.36 -0.57	25.56 0.27 -0.42
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.81 0.94 0.00	19.36 0.83 -0.08	17.80 0.75 -0.29	16.91 0.67 -0.38	17.32 0.73 -0.30	18.65 0.82 -0.32	21.37 1.00 0.00	23.08 1.16 0.00	23.76 1.20 0.00	23.82 1.22 0.00	25.61 1.29 0.00	25.79 1.30 0.00	26.48 1.40 0.00	28.25 1.57 0.00	29.25 1.60 0.00	31.58 1.73 0.00	38.59 2.18 0.00	41.61 2.43 0.00	42.68 2.60 0.00	40.96 2.61 0.00	38.92 2.36 -1.34	33.95 1.98 0.00	29.39 1.61 0.00	26.23 1.37 0.00
VISCHER__FERRY HYD 24020	21.98 1.11 0.00	20.11 1.03 -0.62	19.94 0.97 -2.21	19.67 0.89 -2.92	19.53 0.93 -2.31	21.02 1.00 -2.51	21.56 1.18 0.00	23.12 1.20 0.00	23.80 1.24 0.00	23.66 1.06 0.00	25.39 1.07 0.00	25.64 1.15 0.00	26.23 1.15 0.00	27.90 1.23 0.00	28.94 1.30 0.00	31.28 1.43 0.00	38.37 1.96 0.00	41.45 2.27 0.00	42.39 2.32 0.00	40.58 2.22 0.00	44.62 2.11 -7.29	33.79 1.82 0.00	29.39 1.61 0.00	26.18 1.32 0.00
V_A_10_SYNC_DSASP 323832	19.60 -1.27 0.00	17.31 -1.14 0.00	15.65 -1.11 0.00	14.83 -1.03 0.00	15.20 -1.09 0.00	16.47 -1.03 0.00	19.17 -1.20 0.00	20.84 -1.07 0.00	21.62 -0.95 0.00	21.58 -1.02 0.00	23.45 -0.87 0.00	23.46 -1.03 0.00	24.00 -1.08 0.00	25.50 -1.17 0.00	26.29 -1.35 0.00	28.53 -1.31 0.00	34.44 -1.97 0.00	37.02 -2.15 0.00	38.03 -2.04 0.00	36.28 -2.07 0.00	33.56 -1.65 0.00	30.12 -1.86 0.00	26.48 -1.31 0.00	23.99 -0.87 0.00
V_CMM_10_SYNC_DSASP 323787	20.33 -0.54 0.00	17.99 -0.46 0.00	16.29 -0.47 0.00	15.60 -0.27 0.00	15.98 -0.31 0.00	17.07 -0.44 0.00	19.87 -0.51 0.00	21.39 -0.53 0.00	21.95 -0.61 0.00	21.97 -0.63 0.00	23.61 -0.71 0.00	23.75 -0.73 0.01	21.93 -0.75 2.40	16.70 -0.80 9.18	15.79 -0.83 11.02	15.80 -0.89 13.15	15.32 -1.17 19.92	15.27 -1.26 22.65	17.58 -1.32 21.17	15.19 -1.23 21.94	15.27 -1.13 18.82	15.42 -0.89 15.65	15.46 -0.78 11.54	15.70 -0.62 8.55
V_CMP_10_SYNC_DSASP 323788	20.64 -0.23 0.00	18.19 -0.26 0.00	16.39 -0.37 0.00	15.69 -0.17 0.00	16.08 -0.21 0.00	17.28 -0.23 0.00	20.15 -0.22 0.00	21.87 -0.04 0.00	21.86 -0.70 0.00	21.99 -0.61 0.00	23.61 -0.71 0.00	23.65 -0.83 0.01	21.76 -0.95 2.37	16.58 -1.04 9.05	15.64 -1.13 10.87	15.68 -1.19 12.97	15.30 -1.46 19.65	15.39 -1.45 22.34	18.20 -1.00 20.87	15.45 -1.26 21.64	15.39 -1.27 18.56	15.29 -1.25 15.44	15.06 -1.33 11.39	15.17 -1.27 8.43
V_D_10_SYNC_DSASP 323841	20.24 -0.63 0.00	17.93 -0.52 0.00	16.22 -0.54 0.00	15.69 -0.17 0.00	16.08 -0.21 0.00	17.01 -0.49 0.00	19.81 -0.57 0.00	21.35 -0.57 0.00	21.86 -0.70 0.00	21.88 -0.72 0.00	23.49 -0.83 0.00	23.63 -0.86 0.01	21.88 -0.88 2.32	16.86 -0.93 8.88	16.04 -0.94 10.66	16.11 -1.01 12.73	15.90 -1.24 19.27	15.86 -1.41 21.91	18.11 -1.48 20.48	15.83 -1.30 21.22	15.88 -1.13 18.21	15.90 -0.93 15.14	15.89 -0.72 11.17	15.98 -0.62 8.27
V_E_10_SYNC_DSASP 323830	22.12 1.25 0.00	19.63 1.14 -0.04	17.86 0.97 -0.13	16.90 0.86 -0.17	17.37 0.94 -0.14	18.81 1.16 -0.15	21.84 1.47 0.00	24.35 2.43 0.00	24.93 2.37 0.00	24.91 2.31 0.00	26.84 2.46 -0.07	27.01 2.45 -0.07	27.95 2.78 -0.08	30.06 3.23 -0.15	30.99 3.15 -0.19	33.65 3.52 -0.29	41.17 4.22 -0.54	44.97 5.13 -0.66	46.61 5.85 -0.68	44.87 5.90 -0.61	41.86 5.21 -1.43	36.62 4.29 -0.36	31.24 3.28 -0.19	27.66 2.71 -0.09
V_F_30_NSYNC__DSASP 323816	22.14 1.27 0.00	20.32 1.16 -0.70	20.32 1.06 -2.50	20.14 0.97 -3.30	19.90 0.99 -2.62	21.43 1.09 -2.84	21.64 1.26 0.00	23.23 1.31 0.00	23.99 1.42 0.00	23.89 1.29 0.00	25.51 1.19 0.00	25.76 1.27 0.00	26.41 1.33 0.00	28.06 1.39 0.00	29.13 1.49 0.00	31.52 1.67 0.00	38.59 2.18 0.00	41.69 2.51 0.00	42.76 2.69 0.00	40.85 2.49 0.00	45.70 2.40 -8.09	34.02 2.05 0.00	29.59 1.80 0.00	26.33 1.47 0.00
V_F_30_SYNC_DSASP 323786	21.66 0.79 0.00	19.86 0.90 -0.50	19.39 0.84 -1.79	18.99 0.76 -2.36	18.95 0.78 -1.87	20.36 0.82 -2.03	21.31 0.94 0.00	22.79 0.88 0.00	23.49 0.93 0.00	23.35 0.75 0.00	25.17 0.85 0.00	25.42 0.93 0.00	26.01 0.93 0.00	27.58 0.91 0.00	28.64 1.00 0.00	30.95 1.10 0.00	38.01 1.60 0.00	41.02 1.84 0.00	41.95 1.88 0.00	40.16 1.80 0.00	43.04 1.69 -6.13	33.41 1.44 0.00	28.98 1.19 0.00	25.86 0.99 0.00

V_XM10_SYNC_DSASP 323789	20.64 -0.23 0.00	18.19 -0.26 0.00	16.39 -0.37 0.00	15.69 -0.17 0.00	16.08 -0.21 0.00	17.28 -0.23 0.00	20.15 -0.22 0.00	21.87 -0.04 0.00	21.86 -0.70 0.00	21.99 -0.61 0.00	23.61 -0.71 0.00	23.65 -0.83 0.01	21.76 -0.95 2.37	16.58 -1.04 9.05	15.64 -1.13 10.87	15.68 -1.19 12.97	15.30 -1.46 19.65	15.39 -1.45 22.34	18.20 -1.00 20.87	15.45 -1.26 21.64	15.39 -1.27 18.56	15.29 -1.25 15.44	15.06 -1.33 11.39	15.17 -1.27 8.43
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.35 1.48 0.00	19.75 1.24 -0.06	18.15 1.17 -0.22	17.17 1.02 -0.29	17.61 1.09 -0.23	18.89 1.14 -0.25	21.74 1.37 0.00	23.58 1.67 0.00	24.46 1.90 0.00	24.52 1.92 0.00	26.49 2.16 0.00	26.67 2.18 0.00	27.28 2.21 0.00	28.97 2.29 0.00	30.05 2.40 0.00	32.44 2.60 0.00	39.87 3.46 0.00	42.94 3.76 0.00	43.68 3.61 0.00	41.69 3.34 0.00	39.77 2.99 -1.56	34.53 2.56 0.00	29.89 2.11 0.00	26.71 1.84 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.60 1.73 0.00	19.94 1.42 -0.07	18.36 1.37 -0.23	17.38 1.21 -0.31	17.81 1.27 -0.24	19.08 1.31 -0.26	21.95 1.57 0.00	23.87 1.95 0.00	24.77 2.21 0.00	24.95 2.31 -0.04	27.24 2.58 -0.34	28.84 2.62 -1.73	31.38 2.66 -3.64	35.36 2.77 -5.91	35.43 2.90 -4.88	36.72 3.10 -3.77	40.93 4.08 -0.44	43.53 4.35 0.00	44.24 4.17 0.00	42.19 3.84 0.00	40.27 3.42 -1.64	34.98 3.01 0.00	30.31 2.53 0.00	27.03 2.16 0.00
W50THST__13_KV_LOAD 356117	22.71 1.84 0.00	20.01 1.49 -0.07	18.45 1.46 -0.23	17.44 1.27 -0.31	17.89 1.35 -0.24	19.17 1.40 -0.26	22.07 1.69 0.00	24.00 2.08 0.00	24.91 2.35 0.00	25.13 2.49 -0.04	27.43 2.77 -0.34	29.04 2.82 -1.73	31.58 2.86 -3.64	35.57 2.99 -5.91	35.65 3.12 -4.88	36.96 3.34 -3.77	41.22 4.37 -0.44	43.84 4.66 0.00	44.56 4.49 0.00	42.46 4.10 0.00	40.48 3.63 -1.64	35.17 3.20 0.00	30.45 2.67 0.00	27.15 2.29 0.00
WADING RIVER_IC_1 23522	23.04 2.17 0.00	20.16 1.64 -0.07	18.60 1.61 -0.23	17.44 1.27 -0.31	17.87 1.34 -0.24	19.35 1.58 -0.26	22.21 1.83 0.00	24.19 2.28 0.00	25.18 2.62 0.00	25.45 2.85 0.00	31.61 2.97 -4.33	32.49 3.01 -4.99	33.72 3.03 -5.61	35.63 3.12 -5.83	47.41 3.40 -16.37	51.26 3.70 -17.71	47.73 4.70 -6.62	50.04 5.09 -5.77	53.49 4.97 -8.45	45.04 4.68 -2.01	40.45 3.59 -1.64	35.61 3.55 -0.09	31.63 3.19 -0.66	29.55 2.76 -1.92
WADING RIVER_IC_2 23547	23.04 2.17 0.00	20.16 1.64 -0.07	18.60 1.61 -0.23	17.44 1.27 -0.31	17.87 1.34 -0.24	19.35 1.58 -0.26	22.21 1.83 0.00	24.19 2.28 0.00	25.18 2.62 0.00	25.45 2.85 0.00	31.61 2.97 -4.33	32.49 3.01 -4.99	33.72 3.03 -5.61	35.63 3.12 -5.83	47.41 3.40 -16.37	51.26 3.70 -17.71	47.73 4.70 -6.62	50.04 5.09 -5.77	53.49 4.97 -8.45	45.04 4.68 -2.01	40.45 3.59 -1.64	35.61 3.55 -0.09	31.63 3.19 -0.66	29.55 2.76 -1.92
WADING RIVER_IC_3 23601	23.04 2.17 0.00	20.16 1.64 -0.07	18.60 1.61 -0.23	17.44 1.27 -0.31	17.87 1.34 -0.24	19.35 1.58 -0.26	22.21 1.83 0.00	24.19 2.28 0.00	25.18 2.62 0.00	25.45 2.85 0.00	31.61 2.97 -4.33	32.49 3.01 -4.99	33.72 3.03 -5.61	35.63 3.12 -5.83	47.41 3.40 -16.37	51.26 3.70 -17.71	47.73 4.70 -6.62	50.04 5.09 -5.77	53.49 4.97 -8.45	45.04 4.68 -2.01	40.45 3.59 -1.64	35.61 3.55 -0.09	31.63 3.19 -0.66	29.55 2.76 -1.92
WALDENNY_12_KV_BK2 80841	19.89 -0.98 0.00	17.55 -0.90 0.00	15.83 -0.92 0.00	15.01 -0.86 0.00	15.46 -0.83 0.00	16.70 -0.81 0.00	19.50 -0.88 0.00	21.35 -0.57 0.00	22.04 -0.52 0.00	22.26 -0.34 0.00	23.88 -0.44 0.00	23.98 -0.51 0.00	24.43 -0.65 0.00	26.14 -0.53 0.00	27.03 -0.61 0.00	29.25 -0.60 0.00	35.32 -1.09 -0.01	37.97 -1.21 -0.01	39.03 -1.04 -0.01	37.09 -1.27 -0.01	34.48 -0.99 -0.25	30.66 -1.31 0.00	27.17 -0.61 0.00	24.52 -0.35 0.00
WALDEN__HYDRO 24148	22.21 1.34 0.00	19.62 1.11 -0.07	18.05 1.06 -0.23	17.10 0.92 -0.31	17.51 0.98 -0.25	18.80 1.03 -0.27	21.62 1.24 0.00	23.41 1.49 0.00	24.23 1.67 0.00	24.27 1.67 0.00	26.19 1.87 0.00	26.40 1.91 0.00	27.03 1.96 0.00	28.70 2.03 0.00	29.80 2.16 0.00	32.17 2.33 0.00	39.57 3.17 0.00	42.63 3.45 0.00	43.40 3.33 0.00	41.46 3.11 0.00	39.60 2.78 -1.60	34.37 2.40 0.00	29.75 1.97 0.00	26.56 1.69 0.00
WARRENSBURG____ 23737	22.33 1.46 0.00	20.49 1.33 -0.72	20.49 1.19 -2.54	20.30 1.08 -3.35	20.06 1.11 -2.66	21.62 1.22 -2.89	21.80 1.43 0.00	23.43 1.51 0.00	24.23 1.67 0.00	24.11 1.51 0.00	25.32 1.00 0.00	25.62 1.13 0.00	26.23 1.15 0.00	27.85 1.17 0.00	28.94 1.30 0.00	31.37 1.52 0.00	38.23 1.82 0.00	41.33 2.15 0.00	42.47 2.40 0.00	40.31 1.96 0.00	45.52 2.11 -8.19	33.73 1.76 0.00	29.45 1.67 0.00	26.16 1.29 0.00
WATERSIDE____6 8 9 23538	22.65 1.77 -0.01	19.98 1.46 -0.07	18.40 1.41 -0.24	17.42 1.24 -0.31	17.85 1.30 -0.25	19.12 1.35 -0.27	21.92 1.55 0.00	23.82 1.91 0.00	24.68 2.12 0.00	24.90 2.26 -0.04	27.18 2.51 -0.35	28.83 2.55 -1.79	31.45 2.61 -3.77	35.50 2.72 -6.11	35.51 2.82 -5.05	36.65 3.04 -3.76	40.81 3.97 -0.43	43.40 4.23 0.01	44.04 3.97 0.00	42.04 3.68 0.00	40.08 3.24 -1.63	34.91 2.94 0.00	30.28 2.50 0.00	27.03 2.16 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.16 0.29 0.00	18.71 0.26 0.00	16.99 0.23 0.00	16.06 0.19 0.00	16.52 0.23 0.00	17.75 0.25 0.00	20.66 0.29 0.00	22.22 0.31 0.00	22.88 0.32 0.00	22.92 0.32 0.00	24.66 0.34 0.00	24.83 0.34 0.00	25.55 0.35 -0.12	27.53 0.40 -0.45	28.57 0.39 -0.54	30.88 0.39 -0.65	37.93 0.55 -0.98	40.88 0.59 -1.12	41.75 0.64 -1.04	40.05 0.61 -1.08	36.67 0.53 -0.93	33.16 0.42 -0.77	28.71 0.36 -0.57	25.56 0.27 -0.42
WATSON__69_KV_BK 1 55734	23.44 2.57 0.00	20.51 1.99 -0.07	18.90 1.91 -0.23	17.73 1.55 -0.31	18.20 1.66 -0.24	19.66 1.89 -0.26	22.58 2.20 0.00	24.63 2.72 0.00	25.59 3.02 0.00	25.83 3.23 0.00	32.05 3.40 -4.33	32.93 3.45 -4.99	34.20 3.51 -5.61	36.14 3.63 -5.83	47.93 3.93 -16.37	51.83 4.27 -17.71	48.45 5.42 -6.62	50.82 5.88 -5.77	54.32 5.81 -8.44	45.85 5.48 -2.01	41.40 4.54 -1.64	36.29 4.22 -0.10	32.16 3.72 -0.66	30.07 3.28 -1.92
WDELAWARE__HYD 323627	21.79 0.92 0.00	19.24 0.72 -0.07	17.70 0.69 -0.25	16.77 0.57 -0.34	17.14 0.59 -0.27	18.46 0.67 -0.29	21.17 0.79 0.00	22.90 0.99 0.00	23.74 1.17 0.00	23.77 1.17 0.00	25.63 1.31 0.00	25.84 1.35 0.00	26.51 1.43 0.00	27.48 0.80 0.00	28.55 0.91 0.00	30.83 0.98 0.00	37.97 1.56 0.00	40.90 1.72 0.00	41.71 1.64 0.00	39.89 1.54 0.00	38.06 1.27 -1.58	33.89 1.92 0.00	29.34 1.55 0.00	26.11 1.24 0.00
WEST BABYLON__IC 23714	23.33 2.46 0.00	20.42 1.90 -0.07	18.82 1.83 -0.23	17.65 1.48 -0.31	18.12 1.58 -0.24	19.55 1.79 -0.26	22.45 2.08 0.00	24.50 2.59 0.00	25.45 2.89 0.00	25.70 3.10 0.00	31.91 3.26 -4.33	32.76 3.28 -4.99	34.02 3.34 -5.61	35.98 3.47 -5.83	47.74 3.73 -16.37	51.62 4.06 -17.71	48.20 5.17 -6.62	50.58 5.64 -5.76	54.04 5.53 -8.44	45.57 5.22 -2.00	41.18 4.33 -1.64	36.12 4.03 -0.12	31.97 3.53 -0.66	29.90 3.11 -1.92

WEST CANADA___HYD 24049	21.04 0.17 0.00	18.62 0.17 0.00	16.91 0.15 0.00	15.98 0.11 0.00	16.42 0.13 0.00	17.66 0.16 0.00	20.56 0.18 0.00	22.09 0.17 0.00	22.77 0.20 0.00	22.78 0.18 0.00	24.51 0.19 0.00	24.71 0.22 0.00	25.42 0.23 -0.12	27.37 0.24 -0.45	28.43 0.25 -0.54	30.76 0.27 -0.65	37.79 0.40 -0.98	40.72 0.43 -1.12	41.55 0.44 -1.04	39.86 0.42 -1.08	36.53 0.39 -0.93	33.06 0.32 -0.77	28.60 0.25 -0.57	25.48 0.20 -0.42
WESTERN_NY_WIND 24143	20.04 -0.83 0.00	17.68 -0.77 0.00	15.99 -0.77 0.00	15.15 -0.71 0.00	15.61 -0.68 0.00	16.86 -0.65 0.00	19.66 -0.71 0.00	21.54 -0.37 0.00	22.20 -0.36 0.00	22.37 -0.23 0.00	23.96 -0.36 0.00	24.10 -0.39 0.00	24.55 -0.53 0.00	26.28 -0.40 0.00	27.17 -0.47 0.00	29.40 -0.45 0.00	35.61 -0.80 -0.01	38.32 -0.86 -0.01	39.40 -0.68 -0.01	37.63 -0.73 -0.01	34.70 -0.53 -0.01	31.11 -0.86 0.00	27.50 -0.28 0.00	24.72 -0.15 0.00
WESTOVER___LESR 323668	21.06 0.19 0.00	18.62 0.15 -0.03	16.96 0.12 -0.09	16.05 0.06 -0.12	16.50 0.11 -0.09	17.76 0.16 -0.10	20.58 0.20 0.00	22.24 0.33 0.00	22.90 0.34 0.00	22.98 0.38 0.00	24.80 0.39 -0.09	24.96 0.37 -0.10	25.57 0.38 -0.12	27.37 0.48 -0.22	28.41 0.50 -0.27	30.79 0.54 -0.40	37.83 0.66 -0.77	40.85 0.74 -0.93	41.92 0.88 -0.97	40.03 0.81 -0.87	37.21 0.74 -1.25	33.00 0.51 -0.51	28.55 0.50 -0.27	25.41 0.42 -0.12
WETHRSFD_WT_PWR 323626	19.97 -0.90 0.00	17.60 -0.85 0.00	15.88 -0.87 0.00	15.02 -0.84 0.00	15.40 -0.90 0.00	16.70 -0.80 0.00	19.48 -0.90 0.00	21.15 -0.77 0.00	21.98 -0.59 0.00	22.01 -0.59 0.00	23.91 -0.41 0.00	23.90 -0.59 0.00	24.45 -0.63 0.00	26.01 -0.67 0.00	26.84 -0.80 0.00	29.10 -0.75 0.00	35.13 -1.28 0.00	37.85 -1.33 0.00	38.91 -1.16 0.00	37.05 -1.30 0.00	34.36 -1.13 -0.28	30.56 -1.41 0.00	26.78 -1.00 0.00	24.24 -0.62 0.00
WHAVSTOR_138KV_BK127 55557	22.27 1.40 0.00	19.69 1.18 -0.06	18.10 1.12 -0.22	17.12 0.97 -0.29	17.57 1.04 -0.23	18.84 1.09 -0.25	21.68 1.30 0.00	23.51 1.60 0.00	24.35 1.78 0.00	24.43 1.83 0.00	26.36 2.04 0.00	26.55 2.06 0.00	27.16 2.08 0.00	28.84 2.16 0.00	29.91 2.27 0.00	32.26 2.42 0.00	39.65 3.24 0.00	42.70 3.53 0.00	43.44 3.37 0.00	41.46 3.11 0.00	39.56 2.78 -1.56	34.37 2.40 0.00	29.78 2.00 0.00	26.61 1.74 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.27 1.40 0.00	19.69 1.18 -0.06	18.10 1.12 -0.22	17.12 0.97 -0.29	17.57 1.04 -0.23	18.84 1.09 -0.25	21.68 1.30 0.00	23.51 1.60 0.00	24.35 1.78 0.00	24.43 1.83 0.00	26.36 2.04 0.00	26.55 2.06 0.00	27.16 2.08 0.00	28.84 2.16 0.00	29.91 2.27 0.00	32.26 2.42 0.00	39.65 3.24 0.00	42.70 3.53 0.00	43.44 3.37 0.00	41.46 3.11 0.00	39.56 2.78 -1.56	34.37 2.40 0.00	29.78 2.00 0.00	26.61 1.74 0.00
WHITEHAL_115KV_TB1 80871	22.73 1.86 0.00	20.86 1.70 -0.71	20.76 1.47 -2.53	20.55 1.35 -3.33	20.35 1.42 -2.64	21.91 1.54 -2.87	21.72 1.34 0.00	23.34 1.42 0.00	24.16 1.60 0.00	23.98 1.38 0.00	25.83 1.51 0.00	26.18 1.69 0.00	26.83 1.76 0.00	28.46 1.79 0.00	29.60 1.96 0.00	32.12 2.27 0.00	39.25 2.84 0.00	42.47 3.29 0.00	43.76 3.69 0.00	41.58 3.22 0.00	46.61 3.24 -8.15	34.69 2.72 0.00	30.20 2.42 0.00	26.81 1.94 0.00
WHITEPLN_13_KV_LOAD 356215	22.60 1.73 0.00	19.95 1.44 -0.07	18.38 1.39 -0.23	17.36 1.19 -0.31	17.81 1.27 -0.24	19.10 1.33 -0.26	21.97 1.59 0.00	23.89 1.97 0.00	24.82 2.26 0.00	24.93 2.33 0.00	26.95 2.63 0.00	27.16 2.67 0.00	27.81 2.73 0.00	29.50 2.83 0.00	30.60 2.96 0.00	33.04 3.19 0.00	40.67 4.26 0.00	43.76 4.58 0.00	44.52 4.45 0.00	42.46 4.10 0.00	40.48 3.63 -1.63	35.07 3.10 0.00	30.34 2.56 0.00	27.05 2.19 0.00
WM_FLOYD_69_KV_BK2 356380	23.25 2.38 0.00	20.34 1.83 -0.07	18.75 1.76 -0.23	17.58 1.41 -0.31	18.07 1.53 -0.24	19.52 1.75 -0.26	22.41 2.04 0.00	24.46 2.54 0.00	25.41 2.84 0.00	25.65 3.05 -4.33	31.83 3.19 -4.99	32.71 3.23 -5.61	33.95 3.26 -5.83	35.87 3.36 -16.37	47.63 3.62 -17.71	51.53 3.97 -6.62	48.05 5.02 -5.77	50.44 5.48 -8.45	53.89 5.37 -2.01	45.43 5.06 -1.64	40.94 4.09 -0.09	35.93 3.87 -0.66	31.86 3.42 -1.92	29.82 3.03 0.00
WOODARD__115KV_TB2 355635	20.70 -0.17 0.00	18.28 -0.17 0.00	16.59 -0.17 0.00	15.67 -0.19 0.00	16.13 -0.16 0.00	17.36 -0.14 0.00	20.21 -0.16 0.00	21.72 -0.20 0.00	22.34 -0.23 0.00	22.44 -0.16 0.00	24.28 -0.22 -0.18	24.49 -0.20 -0.19	25.11 -0.20 -0.23	26.96 -0.13 -0.42	28.04 -0.14 -0.53	30.45 -0.18 -0.78	37.68 -0.22 -1.49	40.71 -0.27 -1.80	41.79 -0.16 -1.88	39.89 -0.15 -1.68	36.40 -0.14 -1.33	32.75 -0.22 -1.00	28.16 -0.14 -0.52	24.91 -0.20 -0.24
YORK___WARBASSE 23770	22.78 1.90 -0.01	20.11 1.59 -0.07	18.52 1.52 -0.24	17.51 1.33 -0.32	17.96 1.42 -0.25	19.21 1.44 -0.27	21.99 1.61 0.00	23.87 1.95 0.00	24.71 2.14 0.00	24.97 2.33 -0.04	27.27 2.60 -0.35	28.92 2.65 -1.79	31.58 2.73 -3.77	35.66 2.88 -6.11	35.70 3.01 -5.05	37.91 3.22 -4.84	41.25 4.22 -0.62	43.74 4.51 -0.06	44.32 4.25 0.00	42.31 3.95 0.00	40.43 3.52 -1.69	35.10 3.13 0.00	30.51 2.72 -0.01	27.21 2.34 0.00