

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses															--- Marginal Cost of Congestion									
Generator Data		07/12/2025																								
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	
	50.58	45.11	41.27	40.40	38.16	39.36	40.19	39.45	44.33	48.19	51.75	55.49	58.65	63.98	68.83	76.96	84.57	90.92	86.73	85.28	75.52	67.85	58.11	53.17		
	2.36	2.83	2.74	2.47	2.30	2.44	2.52	2.41	2.71	2.81	2.98	2.84	2.95	2.99	3.15	4.49	4.64	6.19	4.91	4.06	3.04	2.04	2.50	2.72		
74TH STREET_GT_1 24260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	50.63	45.19	41.31	40.44	38.19	39.40	40.23	39.49	44.38	48.23	51.75	55.49	58.65	64.04	68.83	76.96	84.57	91.00	86.73	85.36	75.67	67.98	58.16	53.22		
	2.41	2.92	2.77	2.50	2.33	2.47	2.56	2.44	2.75	2.86	2.98	2.84	2.95	3.05	3.15	4.49	4.64	6.27	4.91	4.14	3.19	2.17	2.56	2.77		
74TH STREET_GT_2 24261	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	50.63	45.19	41.31	40.44	38.19	39.40	40.23	39.49	44.38	48.23	51.75	55.49	58.65	64.04	68.83	76.96	84.57	91.00	86.73	85.36	75.67	67.98	58.16	53.22		
	2.41	2.92	2.77	2.50	2.33	2.47	2.56	2.44	2.75	2.86	2.98	2.84	2.95	3.05	3.15	4.49	4.64	6.27	4.91	4.14	3.19	2.17	2.56	2.77		
ADK HUDSON___FALLS 24011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	51.06	44.94	40.96	40.25	38.05	39.18	39.96	39.08	44.00	47.82	50.92	54.86	57.93	63.55	68.56	76.23	84.25	90.66	87.87	86.99	77.70	70.15	59.22	53.47		
	2.84	2.66	2.43	2.31	2.19	2.25	2.30	2.04	2.37	2.45	2.15	2.21	2.23	2.56	2.89	3.77	4.32	5.93	6.05	5.77	5.22	4.34	3.61	3.03		
ADK RESOURCE___RCVRY 23798	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	51.40	45.19	41.19	40.48	38.23	39.40	40.19	39.30	44.21	48.09	51.21	55.13	58.32	63.98	69.22	76.74	84.82	91.34	88.61	87.80	78.42	70.80	59.72	53.82		
	3.18	2.91	2.66	2.54	2.37	2.47	2.52	2.26	2.58	2.72	2.44	2.48	2.62	2.99	3.54	4.27	4.88	6.61	6.79	6.58	5.94	5.00	4.11	3.38		
ADK S GLENS___FALLS 24028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	51.06	44.94	40.96	40.25	38.05	39.18	39.96	39.08	44.00	47.82	50.92	54.86	57.93	63.55	68.56	76.23	84.25	90.66	87.87	86.99	77.70	70.15	59.22	53.47		
	2.84	2.66	2.43	2.31	2.19	2.25	2.30	2.04	2.37	2.45	2.15	2.21	2.23	2.56	2.89	3.77	4.32	5.93	6.05	5.77	5.22	4.34	3.61	3.03		
ADK_NYS___DAM 23527	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	49.90	44.18	40.39	39.76	37.58	38.77	39.47	38.56	43.12	46.92	49.94	53.49	56.87	62.45	67.45	74.85	82.57	88.37	85.34	84.31	75.16	67.85	57.67	52.31		
	1.69	1.90	1.85	1.82	1.72	1.85	1.81	1.52	1.50	1.54	1.17	0.84	1.17	1.46	1.77	2.39	2.63	3.64	3.52	3.09	2.68	2.04	2.06	1.87		
AIR_PRODUCTS___DRP 24190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	48.41	42.78	39.08	38.55	36.43	37.59	38.30	37.45	41.96	45.60	48.87	52.60	55.14	60.44	65.15	72.32	79.70	85.24	81.98	80.98	72.19	65.28	55.38	50.34		
	0.19	0.51	0.54	0.61	0.57	0.66	0.64	0.41	0.33	0.23	0.10	-0.05	-0.56	-0.55	-0.53	-0.14	-0.24	0.51	0.16	-0.24	-0.29	-0.53	-0.22	-0.10		
AKWESSNE_115KV_BK 355683	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00		
	48.46	42.23	38.34	37.79	35.68	36.71	37.48	37.04	41.84	45.60	49.02	52.86	55.92	61.29	65.94	72.03	79.38	82.95	80.70	80.65	72.12	66.00	55.55	50.39		
	0.24	-0.04	-0.19	-0.15	-0.18	-0.22	-0.19	0.00	0.21	0.23	0.24	0.21	0.22	0.30	0.26	-0.43	-0.56	-1.78	-1.06	-0.57	-0.36	0.20	-0.06	-0.05		
ALBANY_1_SOLAR 323833	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	1.87	2.78	3.79	4.61	6.09	7.44	9.39	0.02	1.35	0.48	0.20	0.00	0.00	0.00	0.00		
	48.51	42.82	39.11	38.62	36.51	37.63	38.26	37.34	40.91	43.50	45.80	48.39	50.48	54.35	57.84	62.93	79.76	84.15	81.91	81.43	72.62	65.87	55.77	50.54		
	0.29	0.55	0.58	0.68	0.65	0.70	0.60	0.29	0.13	0.00	-0.19	-0.47	-0.61	-0.55	-0.39	-0.14	-0.16	0.76	0.58	0.41	0.15	0.07	0.17	0.10		
ALBANY_2_SOLAR 323834	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	1.87	2.78	3.79	4.60	6.08	7.44	9.39	0.02	1.34	0.48	0.20	0.00	0.00	0.00	0.00		
	48.51	42.82	39.11	38.62	36.51	37.59	38.26	37.30	40.91	43.50	45.80	48.34	50.49	54.35	57.84	62.93	79.68	84.06	81.92	81.35	72.62	65.81	55.72	50.54		
	0.29	0.55	0.58	0.68	0.65	0.67	0.60	0.26	0.13	0.00	-0.19	-0.53	-0.61	-0.55	-0.39	-0.14	-0.24	0.67	0.58	0.33	0.15	0.00	0.11	0.10		
ALBANY___1 23571	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	48.41	42.78	39.08	38.55	36.43	37.59	38.30	37.45	41.96	45.60	48.87	52.60	55.14	60.44	65.15	72.32	79.70	85.24	81.98	80.98	72.19	65.28	55.38	50.34		
	0.19	0.51	0.54	0.61	0.57	0.66	0.64	0.41	0.33	0.23	0.10	-0.05	-0.56	-0.55	-0.53	-0.14	-0.24	0.51	0.16	-0.24	-0.29	-0.53	-0.22	-0.10		

ALBANY___2 23572	48.41 0.19 0.00	42.78 0.51 0.00	39.08 0.54 0.00	38.55 0.61 0.00	36.43 0.57 0.00	37.59 0.66 0.00	38.30 0.64 0.00	37.45 0.41 0.00	41.96 0.33 0.00	45.60 0.23 0.00	48.87 0.10 0.00	52.60 -0.05 0.00	55.14 -0.56 0.00	60.44 -0.55 0.00	65.15 -0.53 0.00	72.32 -0.14 0.00	79.70 -0.24 0.00	85.24 0.51 0.00	81.98 0.16 0.00	80.98 -0.24 0.00	72.19 -0.29 0.00	65.28 -0.53 0.00	55.38 -0.22 0.00	50.34 -0.10 0.00
ALBANY___3 23573	48.41 0.19 0.00	42.78 0.51 0.00	39.08 0.54 0.00	38.55 0.61 0.00	36.43 0.57 0.00	37.59 0.66 0.00	38.30 0.64 0.00	37.45 0.41 0.00	41.96 0.33 0.00	45.60 0.23 0.00	48.87 0.10 0.00	52.60 -0.05 0.00	55.14 -0.56 0.00	60.44 -0.55 0.00	65.15 -0.53 0.00	72.32 -0.14 0.00	79.70 -0.24 0.00	85.24 0.51 0.00	81.98 0.16 0.00	80.98 -0.24 0.00	72.19 -0.29 0.00	65.28 -0.53 0.00	55.38 -0.22 0.00	50.34 -0.10 0.00
ALBANY___4 23574	48.41 0.19 0.00	42.78 0.51 0.00	39.08 0.54 0.00	38.55 0.61 0.00	36.43 0.57 0.00	37.59 0.66 0.00	38.30 0.64 0.00	37.45 0.41 0.00	41.96 0.33 0.00	45.60 0.23 0.00	48.87 0.10 0.00	52.60 -0.05 0.00	55.14 -0.56 0.00	60.44 -0.55 0.00	65.15 -0.53 0.00	72.32 -0.14 0.00	79.70 -0.24 0.00	85.24 0.51 0.00	81.98 0.16 0.00	80.98 -0.24 0.00	72.19 -0.29 0.00	65.28 -0.53 0.00	55.38 -0.22 0.00	50.34 -0.10 0.00
ALBANY___LFGE 323615	48.94 0.72 0.00	43.25 0.97 0.00	39.50 0.96 0.00	38.92 0.98 0.00	36.79 0.93 0.00	37.96 1.03 0.00	38.68 1.02 0.00	37.82 0.78 0.00	42.34 0.71 0.00	46.10 0.72 0.00	49.40 0.63 0.00	53.07 0.42 0.00	55.92 0.22 0.00	61.29 0.31 0.00	66.26 0.59 0.00	73.34 0.87 0.00	80.82 0.88 0.00	86.51 1.78 0.00	83.21 1.39 0.00	82.28 1.05 0.00	73.28 0.80 0.00	66.27 0.46 0.00	56.16 0.56 0.00	50.90 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	48.89 0.68 0.00	42.57 0.30 0.00	38.65 0.12 0.00	38.05 0.11 0.00	35.93 0.07 0.00	36.96 0.04 0.00	37.70 0.04 0.00	37.30 0.26 0.00	42.13 0.50 0.00	45.96 0.59 0.00	49.36 0.59 0.00	53.28 0.63 0.00	56.31 0.61 0.00	61.72 0.73 0.00	66.40 0.72 0.00	72.46 0.00 0.00	79.94 0.00 0.00	82.87 -1.86 0.00	82.00 -0.41 0.00	81.38 0.16 0.00	72.69 0.22 0.00	66.60 0.79 0.00	55.94 0.33 0.00	50.80 0.35 0.00
ALCOA_RYNLDS___DRP 24188	48.89 0.68 0.00	42.57 0.30 0.00	38.65 0.12 0.00	38.05 0.11 0.00	35.93 0.07 0.00	36.96 0.04 0.00	37.70 0.04 0.00	37.30 0.26 0.00	42.13 0.50 0.00	45.96 0.59 0.00	49.36 0.59 0.00	53.28 0.63 0.00	56.31 0.61 0.00	61.72 0.73 0.00	66.40 0.72 0.00	72.46 0.00 0.00	79.94 0.00 0.00	82.87 -1.86 0.00	82.00 -0.41 -0.59	81.38 0.16 0.00	72.69 0.22 0.00	66.60 0.79 0.00	55.94 0.33 0.00	50.80 0.35 0.00
ALCOA___DSASP 323711	48.89 0.67 0.00	42.57 0.30 0.00	38.65 0.12 0.00	38.09 0.15 0.00	35.93 0.07 0.00	36.96 0.04 0.00	37.70 0.04 0.00	37.30 0.26 0.00	42.13 0.50 0.00	45.96 0.59 0.00	49.36 0.59 0.00	53.29 0.63 0.00	56.31 0.61 0.00	61.72 0.73 0.00	65.94 0.26 0.00	72.46 0.00 0.00	79.94 0.00 0.00	83.63 -1.10 0.00	82.01 -0.41 -0.59	81.30 0.08 0.00	72.70 0.22 0.00	66.53 0.73 0.00	55.94 0.34 0.00	50.80 0.36 0.00
ALLEGHENY___COGEN 23514	51.50 3.28 0.00	44.26 1.99 0.00	40.15 1.62 0.00	39.00 1.06 0.00	36.94 1.07 0.00	37.85 0.92 0.00	38.83 1.17 0.00	38.12 1.07 0.00	42.29 0.66 0.00	45.60 0.23 0.00	49.21 0.44 0.00	54.29 1.63 0.00	56.92 1.22 0.00	59.65 -1.34 0.00	65.15 -0.53 0.00	71.96 -0.50 0.00	80.42 0.48 0.00	87.19 2.46 0.00	85.83 4.01 0.00	86.34 5.12 0.00	77.47 5.00 0.00	69.75 3.95 0.00	60.50 4.89 0.00	54.48 4.04 0.00
ALTAMONT_115KV_TB 2 55880	48.84 0.63 0.00	43.12 0.85 0.00	39.42 0.89 0.00	38.89 0.95 0.00	36.76 0.90 0.00	37.89 0.96 0.00	38.57 0.90 0.00	37.67 0.63 0.00	42.30 0.62 -0.05	46.07 0.59 -0.11	49.42 0.49 -0.16	53.29 0.42 -0.22	56.24 0.28 -0.27	61.70 0.37 -0.35	66.50 0.39 -0.43	73.87 0.87 -0.54	80.82 0.88 0.00	86.50 1.69 -0.08	83.16 1.31 -0.03	82.21 0.97 -0.01	73.27 0.80 0.00	66.27 0.46 0.00	56.22 0.61 0.00	51.05 0.61 0.00
ALTONA_WT_PWR 323606	48.17 -0.05 0.00	42.19 -0.08 0.00	38.31 -0.23 0.00	37.75 -0.19 0.00	35.65 -0.21 0.00	36.67 -0.26 0.00	37.44 -0.22 0.00	37.04 0.00 0.00	41.80 0.17 0.00	45.60 0.23 0.00	48.72 -0.05 0.00	52.55 -0.11 0.00	55.65 -0.06 0.00	60.99 0.00 0.00	65.22 -0.46 0.00	71.67 -0.80 0.00	78.98 -0.96 0.00	82.95 -1.78 0.00	80.54 -1.31 -0.03	80.33 -0.89 0.00	71.75 -0.72 0.00	65.54 -0.26 0.00	55.05 -0.56 0.00	49.79 -0.66 0.00
AMERICAN_REF_FUEL 24010	48.17 -0.05 0.00	41.60 -0.68 0.00	37.11 -1.43 0.00	35.89 -2.05 0.00	33.99 -1.87 0.00	35.27 -1.66 0.00	36.31 -1.35 0.00	35.86 -1.19 0.00	40.38 -1.25 0.00	43.69 -1.68 0.00	48.04 -0.73 0.00	53.65 1.00 0.00	55.87 0.17 0.00	60.32 -0.67 0.00	66.33 0.66 0.00	72.75 0.29 0.00	81.14 1.20 0.00	86.34 1.61 0.00	82.72 0.90 0.00	81.63 0.41 0.00	72.26 -0.22 0.00	64.69 -1.12 0.00	54.88 -0.72 0.00	50.44 0.00 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	49.27 1.06 0.00	42.44 0.17 0.00	38.46 -0.08 0.00	37.18 -0.76 0.00	35.14 -0.72 0.00	36.01 -0.92 0.00	37.14 -0.53 0.00	36.93 -0.11 0.00	41.75 0.13 0.00	45.55 0.18 0.00	50.04 1.27 0.00	56.02 3.37 0.00	58.54 2.84 0.00	63.30 2.32 0.00	69.68 4.01 0.00	76.37 3.91 0.00	85.29 5.36 0.00	91.00 6.27 0.00	87.06 5.24 0.00	85.85 4.63 0.00	75.59 3.11 0.00	67.38 1.58 0.00	56.83 1.22 0.00	51.30 0.86 0.00
ARTHUR KILL_GT_1 23520	50.73 2.51 -0.01	45.37 3.09 -0.01	41.47 2.93 -0.01	40.60 2.66 -0.01	38.38 2.51 -0.01	39.62 2.70 0.00	40.26 2.60 0.00	39.34 2.30 0.00	44.08 2.46 0.00	48.00 2.63 0.00	50.50 2.05 0.32	51.17 1.90 3.38	51.11 1.95 6.55	53.36 1.83 9.45	58.03 2.04 9.68	60.82 3.33 14.98	62.48 3.44 20.90	75.42 4.83 14.14	67.09 3.68 18.41	57.75 2.84 26.32	53.86 2.03 20.65	53.73 1.05 13.13	52.09 1.72 5.24	53.17 2.72 0.00
ARTHUR_KILL_2 23512	50.25 2.02 -0.01	45.16 2.88 -0.01	41.32 2.78 -0.01	40.49 2.54 -0.01	38.24 2.37 -0.01	39.47 2.55 0.00	40.11 2.45 0.00	39.23 2.18 0.00	43.75 2.12 0.00	47.78 2.40 0.00	50.45 2.00 0.32	50.49 1.21 3.38	50.83 1.67 6.55	53.12 1.58 9.45	57.97 1.97 9.68	60.39 2.90 14.98	62.16 3.11 20.90	74.83 4.23 14.14	66.60 3.19 18.41	57.43 2.52 26.32	53.50 1.67 20.65	53.53 0.85 13.13	51.87 1.50 5.24	52.87 2.42 0.00
ARTHUR_KILL_3 23513	49.90 1.69 0.00	44.64 2.37 0.00	40.85 2.31 0.00	39.95 2.01 0.00	37.76 1.90 0.00	38.96 2.03 0.00	39.73 2.07 0.00	39.00 1.96 0.00	43.71 2.08 0.00	47.55 2.18 0.00	50.65 2.20 0.31	50.90 1.63 3.39	51.21 2.06 6.55	53.60 2.07 9.46	58.35 2.36 9.69	60.74 3.26 14.98	62.39 3.36 20.91	75.33 4.74 14.15	67.00 3.60 18.42	57.74 2.84 26.33	53.85 2.03 20.65	53.85 1.19 13.14	52.02 1.67 5.25	52.20 1.76 0.01

ARTHUR_KILL_COGEN 323718	50.44 2.22 -0.01	45.33 3.05 -0.01	41.47 2.93 -0.01	40.60 2.65 -0.01	38.38 2.51 -0.01	39.62 2.69 0.00	40.23 2.56 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	50.65 2.20 0.32	50.70 1.42 3.38	51.10 1.95 6.55	53.36 1.83 9.45	58.29 2.30 9.68	60.75 3.26 14.98	62.48 3.43 20.90	75.25 4.66 14.14	67.10 3.69 18.41	57.82 2.92 26.32	53.86 2.03 20.65	53.79 1.12 13.13	52.09 1.73 5.24	53.07 2.62 0.00
ASHOKAN____ 23654	50.58 2.36 0.00	44.81 2.54 0.00	40.89 2.35 0.00	40.14 2.20 0.00	37.83 1.97 0.00	38.92 1.99 0.00	39.43 1.77 0.00	38.41 1.37 0.00	43.21 2.37 0.79	45.99 2.36 1.74	48.47 2.29 2.59	51.28 2.16 3.53	54.03 2.62 4.29	58.42 3.11 5.67	62.55 3.81 6.94	68.28 4.57 8.75	84.56 4.63 0.02	90.85 7.37 1.25	87.92 6.55 0.45	87.45 6.42 0.19	75.96 3.48 0.00	68.83 3.03 0.00	58.17 2.56 0.00	52.77 2.32 0.00
ASTORIA_EAST_ENERGY_CC1 323581	50.44 2.22 -0.01	45.07 2.79 -0.01	41.24 2.70 -0.01	40.38 2.43 -0.01	38.17 2.30 -0.01	39.37 2.44 -0.01	40.00 2.34 0.00	39.12 2.07 0.00	43.58 1.96 0.01	47.55 2.18 0.00	50.86 2.10 0.01	54.23 1.58 0.00	57.65 1.95 0.00	62.99 2.01 0.01	68.16 2.50 0.01	76.00 3.55 0.01	83.69 3.76 0.01	89.95 5.08 -0.13	85.90 4.01 -0.07	84.47 3.25 0.01	74.86 2.39 0.01	67.37 1.58 0.01	57.83 2.23 0.00	53.02 2.57 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	50.44 2.22 -0.01	45.07 2.79 -0.01	41.24 2.70 -0.01	40.38 2.43 -0.01	38.17 2.30 -0.01	39.37 2.44 -0.01	40.00 2.34 0.00	39.12 2.07 0.00	43.58 1.96 0.01	47.55 2.18 0.00	50.86 2.10 0.01	54.23 1.58 0.00	57.65 1.95 0.00	62.99 2.01 0.01	68.16 2.50 0.01	76.00 3.55 0.01	83.69 3.76 0.01	89.95 5.08 -0.13	85.90 4.01 -0.07	84.47 3.25 0.01	74.86 2.39 0.01	67.37 1.58 0.01	57.83 2.23 0.00	53.02 2.57 -0.01
ASTORIA_GT2_1 24094	50.59 2.36 -0.01	45.12 2.83 -0.01	41.28 2.74 -0.01	40.41 2.47 -0.01	38.16 2.30 -0.01	39.41 2.47 -0.01	40.07 2.41 0.00	39.15 2.11 0.00	43.75 2.12 0.00	47.69 2.31 0.00	50.97 2.19 0.00	54.71 2.05 0.00	57.71 2.01 0.00	63.05 2.07 0.01	67.90 2.23 0.01	76.08 3.62 0.01	83.69 3.76 0.01	90.12 5.25 -0.13	85.90 4.01 -0.07	84.46 3.25 0.01	74.86 2.39 0.01	67.31 1.51 0.01	57.78 2.17 0.00	53.22 2.77 0.00
ASTORIA_GT2_2 24095	50.59 2.36 -0.01	45.12 2.83 -0.01	41.28 2.74 -0.01	40.41 2.47 -0.01	38.16 2.30 -0.01	39.41 2.47 -0.01	40.07 2.41 0.00	39.15 2.11 0.00	43.75 2.12 0.00	47.69 2.31 0.00	50.97 2.19 0.00	54.71 2.05 0.00	57.71 2.01 0.00	63.05 2.07 0.01	67.90 2.23 0.01	76.08 3.62 0.01	83.69 3.76 0.01	90.12 5.25 -0.13	85.90 4.01 -0.07	84.46 3.25 0.01	74.86 2.39 0.01	67.31 1.51 0.01	57.78 2.17 0.00	53.22 2.77 0.00
ASTORIA_GT2_3 24096	50.59 2.36 -0.01	45.12 2.83 -0.01	41.28 2.74 -0.01	40.41 2.47 -0.01	38.16 2.30 -0.01	39.41 2.47 -0.01	40.07 2.41 0.00	39.15 2.11 0.00	43.75 2.12 0.00	47.69 2.31 0.00	50.97 2.19 0.00	54.71 2.05 0.00	57.71 2.01 0.00	63.05 2.07 0.01	67.90 2.23 0.01	76.08 3.62 0.01	83.69 3.76 0.01	90.12 5.25 -0.13	85.90 4.01 -0.07	84.46 3.25 0.01	74.86 2.39 0.01	67.31 1.51 0.01	57.78 2.17 0.00	53.22 2.77 0.00
ASTORIA_GT2_4 24097	50.59 2.36 -0.01	45.12 2.83 -0.01	41.28 2.74 -0.01	40.41 2.47 -0.01	38.16 2.30 -0.01	39.41 2.47 -0.01	40.07 2.41 0.00	39.15 2.11 0.00	43.75 2.12 0.00	47.69 2.31 0.00	50.97 2.19 0.00	54.71 2.05 0.00	57.71 2.01 0.00	63.05 2.07 0.01	67.90 2.23 0.01	76.08 3.62 0.01	83.69 3.76 0.01	90.12 5.25 -0.13	85.90 4.01 -0.07	84.46 3.25 0.01	74.86 2.39 0.01	67.31 1.51 0.01	57.78 2.17 0.00	53.22 2.77 0.00
ASTORIA_GT3_1 24098	50.59 2.36 -0.01	45.12 2.83 -0.01	41.28 2.74 -0.01	40.41 2.47 -0.01	38.16 2.30 -0.01	39.41 2.47 -0.01	40.07 2.41 0.00	39.15 2.11 0.00	43.75 2.12 0.00	47.69 2.31 0.00	50.97 2.19 0.00	54.71 2.05 0.00	57.71 2.01 0.00	63.05 2.07 0.01	67.90 2.23 0.01	76.08 3.62 0.01	83.69 3.76 0.01	90.12 5.25 -0.13	85.90 4.01 -0.07	84.46 3.25 0.01	74.86 2.39 0.01	67.31 1.51 0.01	57.78 2.17 0.00	53.22 2.77 0.00
ASTORIA_GT3_2 24099	50.59 2.36 -0.01	45.12 2.83 -0.01	41.28 2.74 -0.01	40.41 2.47 -0.01	38.16 2.30 -0.01	39.41 2.47 -0.01	40.07 2.41 0.00	39.15 2.11 0.00	43.75 2.12 0.00	47.69 2.31 0.00	50.97 2.19 0.00	54.71 2.05 0.00	57.71 2.01 0.00	63.05 2.07 0.01	67.90 2.23 0.01	76.08 3.62 0.01	83.69 3.76 0.01	90.12 5.25 -0.13	85.90 4.01 -0.07	84.46 3.25 0.01	74.86 2.39 0.01	67.31 1.51 0.01	57.78 2.17 0.00	53.22 2.77 0.00
ASTORIA_GT3_3 24100	50.59 2.36 -0.01	45.12 2.83 -0.01	41.28 2.74 -0.01	40.41 2.47 -0.01	38.16 2.30 -0.01	39.41 2.47 -0.01	40.07 2.41 0.00	39.15 2.11 0.00	43.75 2.12 0.00	47.69 2.31 0.00	50.97 2.19 0.00	54.71 2.05 0.00	57.71 2.01 0.00	63.05 2.07 0.01	67.90 2.23 0.01	76.08 3.62 0.01	83.69 3.76 0.01	90.12 5.25 -0.13	85.90 4.01 -0.07	84.46 3.25 0.01	74.86 2.39 0.01	67.31 1.51 0.01	57.78 2.17 0.00	53.22 2.77 0.00
ASTORIA_GT3_4 24101	50.59 2.36 -0.01	45.12 2.83 -0.01	41.28 2.74 -0.01	40.41 2.47 -0.01	38.16 2.30 -0.01	39.41 2.47 -0.01	40.07 2.41 0.00	39.15 2.11 0.00	43.75 2.12 0.00	47.69 2.31 0.00	50.97 2.19 0.00	54.71 2.05 0.00	57.71 2.01 0.00	63.05 2.07 0.01	67.90 2.23 0.01	76.08 3.62 0.01	83.69 3.76 0.01	90.12 5.25 -0.13	85.90 4.01 -0.07	84.46 3.25 0.01	74.86 2.39 0.01	67.31 1.51 0.01	57.78 2.17 0.00	53.22 2.77 0.00
ASTORIA_GT4_1 24102	50.59 2.36 -0.01	45.12 2.83 -0.01	41.28 2.74 -0.01	40.41 2.47 -0.01	38.16 2.30 -0.01	39.41 2.47 -0.01	40.07 2.41 0.00	39.15 2.11 0.00	43.75 2.12 0.00	47.69 2.31 0.00	50.97 2.19 0.00	54.71 2.05 0.00	57.71 2.01 0.00	63.05 2.07 0.01	67.90 2.23 0.01	76.08 3.62 0.01	83.69 3.76 0.01	90.12 5.25 -0.13	85.90 4.01 -0.07	84.46 3.25 0.01	74.86 2.39 0.01	67.31 1.51 0.01	57.78 2.17 0.00	53.22 2.77 0.00
ASTORIA_GT4_2 24103	50.59 2.36 -0.01	45.12 2.83 -0.01	41.28 2.74 -0.01	40.41 2.47 -0.01	38.16 2.30 -0.01	39.41 2.47 -0.01	40.07 2.41 0.00	39.15 2.11 0.00	43.75 2.12 0.00	47.69 2.31 0.00	50.97 2.19 0.00	54.71 2.05 0.00	57.71 2.01 0.00	63.05 2.07 0.01	67.90 2.23 0.01	76.08 3.62 0.01	83.69 3.76 0.01	90.12 5.25 -0.13	85.90 4.01 -0.07	84.46 3.25 0.01	74.86 2.39 0.01	67.31 1.51 0.01	57.78 2.17 0.00	53.22 2.77 0.00
ASTORIA_GT4_3 24104	50.59 2.36 -0.01	45.12 2.83 -0.01	41.28 2.74 -0.01	40.41 2.47 -0.01	38.16 2.30 -0.01	39.41 2.47 -0.01	40.07 2.41 0.00	39.15 2.11 0.00	43.75 2.12 0.00	47.69 2.31 0.00	50.97 2.19 0.00	54.71 2.05 0.00	57.71 2.01 0.00	63.05 2.07 0.01	67.90 2.23 0.01	76.08 3.62 0.01	83.69 3.76 0.01	90.12 5.25 -0.13	85.90 4.01 -0.07	84.46 3.25 0.01	74.86 2.39 0.01	67.31 1.51 0.01	57.78 2.17 0.00	53.22 2.77 0.00

ASTORIA_GT4_4 24105	50.59 2.36 -0.01	45.12 2.83 -0.01	41.28 2.74 -0.01	40.41 2.47 -0.01	38.16 2.30 -0.01	39.41 2.47 -0.01	40.07 2.41 0.00	39.15 2.11 0.00	43.75 2.12 0.00	47.69 2.31 0.00	50.97 2.19 0.00	54.71 2.05 0.00	57.71 2.01 0.00	63.05 2.07 0.01	67.90 2.23 0.01	76.08 3.62 0.01	83.69 3.76 0.01	90.12 5.25 -0.13	85.90 4.01 -0.07	84.46 3.25 0.01	74.86 2.39 0.01	67.31 1.51 0.01	57.78 2.17 0.00	53.22 2.77 0.00
ASTORIA_GT_1 23523	50.68 2.46 -0.01	45.20 2.92 -0.01	41.36 2.81 -0.01	40.49 2.54 -0.01	38.24 2.37 -0.01	39.48 2.55 -0.01	40.15 2.49 0.00	39.23 2.19 0.00	43.88 2.25 0.00	47.78 2.40 0.00	51.06 2.29 0.00	54.86 2.21 0.00	57.87 2.17 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.30 3.84 0.01	83.93 4.00 0.01	90.37 5.51 -0.13	86.14 4.25 -0.07	84.71 3.49 0.01	75.08 2.61 0.01	67.44 1.65 0.01	57.89 2.28 0.00	53.32 2.88 0.00
ASTORIA_GT_10 24110	50.48 2.27 0.00	45.02 2.75 0.00	41.19 2.66 0.00	40.29 2.35 0.00	38.08 2.22 0.00	39.29 2.36 0.00	40.04 2.37 0.00	39.23 2.19 0.00	43.96 2.33 0.00	47.87 2.50 0.00	51.21 2.44 0.00	54.92 2.26 0.00	57.93 2.23 0.00	63.11 2.13 0.01	67.90 2.23 0.01	75.93 3.48 0.01	83.45 3.52 0.01	89.72 5.00 0.01	85.58 3.76 0.01	84.14 2.92 0.01	74.17 2.17 0.48	65.74 1.25 1.31	57.61 2.00 0.00	53.02 2.57 0.00
ASTORIA_GT_11 24225	50.48 2.27 0.00	45.02 2.75 0.00	41.19 2.66 0.00	40.29 2.35 0.00	38.08 2.22 0.00	39.29 2.36 0.00	40.04 2.37 0.00	39.23 2.19 0.00	43.96 2.33 0.00	47.87 2.50 0.00	51.21 2.44 0.00	54.92 2.26 0.00	57.93 2.23 0.00	63.11 2.13 0.01	67.90 2.23 0.01	75.93 3.48 0.01	83.45 3.52 0.01	89.72 5.00 0.01	85.58 3.76 0.01	84.14 2.92 0.01	74.17 2.17 0.48	65.74 1.25 1.31	57.61 2.00 0.00	53.02 2.57 0.00
ASTORIA_GT_12 24226	50.48 2.27 0.00	45.02 2.75 0.00	41.19 2.66 0.00	40.29 2.35 0.00	38.08 2.22 0.00	39.29 2.36 0.00	40.04 2.37 0.00	39.23 2.19 0.00	43.96 2.33 0.00	47.87 2.50 0.00	51.21 2.44 0.00	54.92 2.26 0.00	57.93 2.23 0.00	63.11 2.13 0.01	67.90 2.23 0.01	75.93 3.48 0.01	83.45 3.52 0.01	89.72 5.00 0.01	85.58 3.76 0.01	84.14 2.92 0.01	74.17 2.17 0.48	65.74 1.25 1.31	57.61 2.00 0.00	53.02 2.57 0.00
ASTORIA_GT_13 24227	50.48 2.27 0.00	45.02 2.75 0.00	41.19 2.66 0.00	40.29 2.35 0.00	38.08 2.22 0.00	39.29 2.36 0.00	40.04 2.37 0.00	39.23 2.19 0.00	43.96 2.33 0.00	47.87 2.50 0.00	51.21 2.44 0.00	54.92 2.26 0.00	57.93 2.23 0.00	63.11 2.13 0.01	67.90 2.23 0.01	75.93 3.48 0.01	83.45 3.52 0.01	89.72 5.00 0.01	85.58 3.76 0.01	84.14 2.92 0.01	74.17 2.17 0.48	65.74 1.25 1.31	57.61 2.00 0.00	53.02 2.57 0.00
ASTORIA_GT_5 24106	50.68 2.46 -0.01	45.20 2.92 -0.01	41.36 2.81 -0.01	40.49 2.54 -0.01	38.24 2.37 -0.01	39.48 2.55 -0.01	40.15 2.49 0.00	39.23 2.19 0.00	43.88 2.25 0.00	47.78 2.40 0.00	51.06 2.29 0.00	54.86 2.21 0.00	57.87 2.17 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.30 3.84 0.01	83.93 4.00 0.01	90.37 5.51 -0.13	86.14 4.25 -0.07	84.71 3.49 0.01	75.08 2.61 0.01	67.44 1.65 0.01	57.89 2.28 0.00	53.32 2.88 0.00
ASTORIA_GT_7 24107	50.68 2.46 -0.01	45.20 2.92 -0.01	41.36 2.81 -0.01	40.49 2.54 -0.01	38.24 2.37 -0.01	39.48 2.55 -0.01	40.15 2.49 0.00	39.23 2.19 0.00	43.88 2.25 0.00	47.78 2.40 0.00	51.06 2.29 0.00	54.86 2.21 0.00	57.87 2.17 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.30 3.84 0.01	83.93 4.00 0.01	90.37 5.51 -0.13	86.14 4.25 -0.07	84.71 3.49 0.01	75.08 2.61 0.01	67.44 1.65 0.01	57.89 2.28 0.00	53.32 2.88 0.00
ASTORIA_GT_8 24108	50.68 2.46 -0.01	45.20 2.92 -0.01	41.36 2.81 -0.01	40.49 2.54 -0.01	38.24 2.37 -0.01	39.48 2.55 -0.01	40.15 2.49 0.00	39.23 2.19 0.00	43.88 2.25 0.00	47.78 2.40 0.00	51.06 2.29 0.00	54.86 2.21 0.00	57.87 2.17 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.30 3.84 0.01	83.93 4.00 0.01	90.37 5.51 -0.13	86.14 4.25 -0.07	84.71 3.49 0.01	75.08 2.61 0.01	67.44 1.65 0.01	57.89 2.28 0.00	53.32 2.88 0.00
ASTORIA___2 24149	50.44 2.22 -0.01	45.07 2.79 -0.01	41.24 2.70 -0.01	40.38 2.43 -0.01	38.17 2.30 -0.01	39.41 2.47 -0.01	40.04 2.37 0.00	39.15 2.11 0.00	43.62 2.00 0.01	47.59 2.22 0.00	50.86 2.10 0.01	54.29 1.63 0.00	57.70 2.00 0.00	63.05 2.07 0.01	68.23 2.56 0.01	76.00 3.55 0.01	83.69 3.76 0.01	90.03 5.17 -0.13	85.90 4.01 -0.07	84.47 3.25 0.01	74.86 2.39 0.01	67.37 1.58 0.01	57.83 2.23 0.00	53.02 2.57 -0.01
ASTORIA___3 23516	50.33 2.12 0.00	45.02 2.75 0.00	41.16 2.62 0.00	40.29 2.35 0.00	38.09 2.22 0.00	39.29 2.37 0.00	40.00 2.34 0.00	39.23 2.18 0.00	43.83 2.20 0.00	47.78 2.40 0.00	51.16 2.39 0.00	54.49 1.84 0.00	57.93 2.23 0.00	63.11 2.13 0.01	68.16 2.50 0.01	75.86 3.41 0.01	83.53 3.60 0.01	89.55 4.83 0.01	85.58 3.77 0.01	84.22 3.01 0.01	74.17 2.17 0.48	65.88 1.38 1.31	57.61 2.00 0.00	52.82 2.37 0.00
ASTORIA___4 23517	50.48 2.27 0.00	45.02 2.75 0.00	41.19 2.66 0.00	40.29 2.35 0.00	38.08 2.22 0.00	39.29 2.36 0.00	40.04 2.37 0.00	39.23 2.19 0.00	43.96 2.33 0.00	47.82 2.45 0.00	51.21 2.44 0.00	54.92 2.26 0.00	57.93 2.23 0.00	63.11 2.13 0.01	67.90 2.23 0.01	75.93 3.48 0.01	83.45 3.52 0.01	89.72 5.00 0.01	85.58 3.76 0.01	84.14 2.92 0.01	74.17 2.17 0.48	65.74 1.25 1.31	57.61 2.00 0.00	53.02 2.57 0.00
ASTORIA___5 23518	50.33 2.12 0.00	45.02 2.75 0.00	41.16 2.62 0.00	40.29 2.35 0.00	38.09 2.22 0.00	39.29 2.37 0.00	40.00 2.34 0.00	39.23 2.18 0.00	43.83 2.20 0.00	47.78 2.40 0.00	51.16 2.39 0.00	54.49 1.84 0.00	57.93 2.23 0.00	63.11 2.13 0.01	68.16 2.50 0.01	75.86 3.41 0.01	83.53 3.60 0.01	89.55 4.83 0.01	85.58 3.77 0.01	84.22 3.01 0.01	74.17 2.17 0.48	65.88 1.38 1.31	57.61 2.00 0.00	52.82 2.37 0.00
AST_ENERGY_2_CC3 323677	37.41 1.93 12.74	37.41 2.54 7.40	37.41 2.47 3.59	37.41 2.20 2.73	37.41 2.04 0.49	37.41 2.18 1.70	37.41 2.22 2.48	37.41 2.11 1.74	37.41 2.20 6.42	37.41 2.36 10.32	38.19 2.39 12.97	38.19 1.89 16.35	38.19 2.34 19.85	40.79 2.38 22.57	45.61 2.69 22.76	48.81 3.62 27.27	56.48 3.84 27.29	62.50 5.17 27.40	58.53 4.01 27.30	57.17 3.25 27.30	47.12 2.39 27.75	41.11 1.58 26.27	38.19 2.00 19.42	38.19 2.07 14.32
AST_ENERGY_2_CC4 323678	37.41 1.93 12.74	37.41 2.54 7.40	37.41 2.47 3.59	37.41 2.20 2.73	37.41 2.04 0.49	37.41 2.18 1.70	37.41 2.22 2.48	37.41 2.11 1.74	37.41 2.20 6.42	37.41 2.36 10.32	38.19 2.39 12.97	38.19 1.89 16.35	38.19 2.34 19.85	40.79 2.38 22.57	45.61 2.69 22.76	48.81 3.62 27.27	56.48 3.84 27.29	62.50 5.17 27.40	58.53 4.01 27.30	57.17 3.25 27.30	47.12 2.39 27.75	41.11 1.58 26.27	38.19 2.00 19.42	38.19 2.07 14.32

ATHENS_STG_1 23668	48.94 0.72 0.00	43.37 1.10 0.00	39.73 1.20 0.00	39.19 1.25 0.00	37.01 1.15 0.00	38.18 1.26 0.00	38.83 1.17 0.00	37.93 0.89 0.00	42.46 0.83 0.00	46.23 0.86 0.00	49.55 0.78 0.00	53.18 0.53 0.00	56.42 0.72 0.00	61.78 0.79 0.00	66.72 1.05 0.00	73.91 1.45 0.00	81.38 1.44 0.00	87.02 2.29 0.00	83.62 1.80 0.00	82.60 1.38 0.00	73.57 1.09 0.00	66.46 0.66 0.00	56.44 0.84 0.00	51.30 0.86 0.00
ATHENS_STG_2 23670	48.94 0.72 0.00	43.37 1.10 0.00	39.73 1.20 0.00	39.19 1.25 0.00	37.01 1.15 0.00	38.18 1.26 0.00	38.83 1.17 0.00	37.93 0.89 0.00	42.46 0.83 0.00	46.23 0.86 0.00	49.55 0.78 0.00	53.18 0.53 0.00	56.42 0.72 0.00	61.78 0.79 0.00	66.72 1.05 0.00	73.91 1.45 0.00	81.38 1.44 0.00	87.02 2.29 0.00	83.62 1.80 0.00	82.60 1.38 0.00	73.57 1.09 0.00	66.46 0.66 0.00	56.44 0.84 0.00	51.30 0.86 0.00
ATHENS_STG_3 23677	48.94 0.72 0.00	43.37 1.10 0.00	39.73 1.20 0.00	39.19 1.25 0.00	37.01 1.15 0.00	38.18 1.26 0.00	38.83 1.17 0.00	37.93 0.89 0.00	42.46 0.83 0.00	46.23 0.86 0.00	49.55 0.78 0.00	53.18 0.53 0.00	56.42 0.72 0.00	61.78 0.79 0.00	66.72 1.05 0.00	73.91 1.45 0.00	81.38 1.44 0.00	87.02 2.29 0.00	83.62 1.80 0.00	82.60 1.38 0.00	73.57 1.09 0.00	66.46 0.66 0.00	56.44 0.84 0.00	51.30 0.86 0.00
AUBURN____LFGE 323710	49.21 0.34 -0.66	42.36 0.08 0.00	38.61 0.08 0.00	37.90 -0.04 0.00	35.83 -0.04 0.00	36.85 -0.07 0.00	37.70 0.04 0.00	37.08 0.04 0.00	41.50 -0.12 0.00	45.46 0.09 0.00	49.06 0.29 0.00	53.62 0.63 -0.33	56.48 0.78 0.00	62.10 0.79 -0.32	67.09 0.99 -0.43	74.72 1.67 -0.59	82.80 2.00 -0.87	88.82 2.97 -1.12	85.81 3.03 -0.96	84.64 2.44 -0.98	75.25 2.10 -0.67	67.78 1.38 -0.59	56.61 1.00 0.00	51.39 0.71 -0.24
BABYLON_RES_REC 323704	48.53 1.06 0.74	45.23 2.96 0.00	41.62 3.08 0.00	40.44 2.50 0.00	38.16 2.30 0.00	39.47 2.55 0.00	40.11 2.45 0.00	39.52 2.48 0.00	44.04 2.41 0.00	46.82 1.45 0.00	51.22 2.44 -0.01	53.29 0.63 0.00	57.35 1.73 0.07	62.80 2.07 0.26	67.89 2.56 0.34	75.31 3.11 0.26	82.93 3.28 0.29	89.15 5.08 0.66	85.20 3.69 0.30	83.21 2.43 0.45	68.82 1.67 5.32	60.78 0.99 6.01	55.24 1.17 1.53	51.75 1.31 0.00
BALL_HILL_WT_PWR 323825	48.94 0.72 0.00	42.23 -0.04 0.00	38.23 -0.31 0.00	36.92 -1.02 0.00	34.97 -0.90 0.00	35.86 -1.07 0.00	36.95 -0.72 0.00	36.71 -0.33 0.00	41.42 -0.21 0.00	45.10 -0.27 0.00	49.45 0.68 0.00	55.28 2.63 0.00	57.76 2.06 0.00	62.39 1.40 0.00	68.63 2.96 0.00	75.29 2.82 0.00	84.01 4.07 0.00	89.56 4.83 0.00	85.75 3.93 0.00	84.55 3.33 0.00	74.73 2.25 0.00	66.79 0.99 0.00	56.61 1.00 0.00	51.35 0.91 0.00
BARON_WINDS____WT_PWR 323822	48.98 0.77 0.00	42.57 0.30 0.00	38.73 0.19 0.00	37.68 -0.26 0.00	35.65 -0.21 0.00	36.63 -0.30 0.00	37.59 -0.08 0.00	36.93 -0.11 0.00	41.29 -0.33 0.00	45.01 -0.36 0.00	48.92 0.15 0.00	54.07 1.42 0.00	56.76 1.06 0.00	61.60 0.61 0.00	67.38 1.70 0.00	74.20 1.74 0.00	82.50 2.56 0.00	88.12 3.39 0.00	85.10 3.28 0.00	84.14 2.92 0.00	74.94 2.47 0.00	67.19 1.38 0.00	56.89 1.28 0.00	51.45 1.01 0.00
BARRETT_IC_1 23704	49.14 0.96 0.04	44.94 2.66 0.00	41.35 2.81 0.00	40.29 2.35 0.00	38.01 2.15 0.00	39.29 2.37 0.00	39.92 2.26 0.00	39.30 2.26 0.00	43.83 2.20 0.00	46.82 1.45 0.00	50.92 2.14 -0.01	53.29 0.63 0.00	57.21 1.50 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	89.92 4.40 -0.79	85.27 3.03 -0.42	83.32 2.11 0.01	73.61 1.37 0.25	66.19 0.66 0.27	56.48 0.94 0.08	51.50 1.06 0.00
BARRETT_IC_10 23701	49.14 0.96 0.04	44.94 2.66 0.00	41.35 2.81 0.00	40.29 2.35 0.00	38.01 2.15 0.00	39.29 2.37 0.00	39.92 2.26 0.00	39.30 2.26 0.00	43.83 2.20 0.00	46.82 1.45 0.00	50.92 2.14 -0.01	53.29 0.63 0.00	57.21 1.50 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	79.88 4.40 9.25	79.88 3.03 4.97	83.32 2.11 0.01	73.61 1.37 0.25	66.19 0.66 0.27	56.48 0.94 0.08	51.50 1.06 0.00
BARRETT_IC_11 23702	49.14 0.96 0.04	44.94 2.66 0.00	41.35 2.81 0.00	40.29 2.35 0.00	38.01 2.15 0.00	39.29 2.37 0.00	39.92 2.26 0.00	39.30 2.26 0.00	43.83 2.20 0.00	46.82 1.45 0.00	50.92 2.14 -0.01	53.29 0.63 0.00	57.21 1.50 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	79.88 4.40 9.25	79.88 3.03 4.97	83.32 2.11 0.01	73.61 1.37 0.25	66.19 0.66 0.27	56.48 0.94 0.08	51.50 1.06 0.00
BARRETT_IC_12 23703	49.14 0.96 0.04	44.94 2.66 0.00	41.35 2.81 0.00	40.29 2.35 0.00	38.01 2.15 0.00	39.29 2.37 0.00	39.92 2.26 0.00	39.30 2.26 0.00	43.83 2.20 0.00	46.82 1.45 0.00	50.92 2.14 -0.01	53.29 0.63 0.00	57.21 1.50 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	79.88 4.40 9.25	79.88 3.03 4.97	83.32 2.11 0.01	73.61 1.37 0.25	66.19 0.66 0.27	56.48 0.94 0.08	51.50 1.06 0.00
BARRETT_IC_2 23705	49.14 0.96 0.04	44.94 2.66 0.00	41.35 2.81 0.00	40.29 2.35 0.00	38.01 2.15 0.00	39.29 2.37 0.00	39.92 2.26 0.00	39.30 2.26 0.00	43.83 2.20 0.00	46.82 1.45 0.00	50.92 2.14 -0.01	53.29 0.63 0.00	57.21 1.50 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	89.92 4.40 -0.79	85.27 3.03 -0.42	83.32 2.11 0.01	73.61 1.37 0.25	66.19 0.66 0.27	56.48 0.94 0.08	51.50 1.06 0.00
BARRETT_IC_3 23706	49.14 0.96 0.04	44.94 2.66 0.00	41.35 2.81 0.00	40.29 2.35 0.00	38.01 2.15 0.00	39.29 2.37 0.00	39.92 2.26 0.00	39.30 2.26 0.00	43.83 2.20 0.00	46.82 1.45 0.00	50.92 2.14 -0.01	53.29 0.63 0.00	57.21 1.50 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	89.92 4.40 -0.79	85.27 3.03 -0.42	83.32 2.11 0.01	73.61 1.37 0.25	66.19 0.66 0.27	56.48 0.94 0.08	51.50 1.06 0.00
BARRETT_IC_4 23707	49.14 0.96 0.04	44.94 2.66 0.00	41.35 2.81 0.00	40.29 2.35 0.00	38.01 2.15 0.00	39.29 2.37 0.00	39.92 2.26 0.00	39.30 2.26 0.00	43.83 2.20 0.00	46.82 1.45 0.00	50.92 2.14 -0.01	53.29 0.63 0.00	57.21 1.50 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	89.92 4.40 -0.79	85.27 3.03 -0.42	83.32 2.11 0.01	73.61 1.37 0.25	66.19 0.66 0.27	56.48 0.94 0.08	51.50 1.06 0.00
BARRETT_IC_5 23708	49.14 0.96 0.04	44.94 2.66 0.00	41.35 2.81 0.00	40.29 2.35 0.00	38.01 2.15 0.00	39.29 2.37 0.00	39.92 2.26 0.00	39.30 2.26 0.00	43.83 2.20 0.00	46.82 1.45 0.00	50.92 2.14 -0.01	53.29 0.63 0.00	57.21 1.50 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	89.92 4.40 -0.79	85.27 3.03 -0.42	83.32 2.11 0.01	73.61 1.37 0.25	66.19 0.66 0.27	56.48 0.94 0.08	51.50 1.06 0.00

BARRETT_IC_6 23709	49.14 0.96 0.04	44.94 2.66 0.00	41.35 2.81 0.00	40.29 2.35 0.00	38.01 2.15 0.00	39.29 2.37 0.00	39.92 2.26 0.00	39.30 2.26 0.00	43.83 2.20 0.00	46.82 1.45 0.00	50.92 2.14 -0.01	53.29 0.63 0.00	57.21 1.50 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	89.92 4.40 -0.79	85.27 3.03 -0.42	83.32 2.11 0.01	73.61 1.37 0.25	66.19 0.66 0.27	56.48 0.94 0.08	51.50 1.06 0.00
BARRETT_IC_7 23710	49.24 1.06 0.04	45.07 2.79 0.00	41.35 2.81 0.00	40.29 2.35 0.00	38.01 2.15 0.00	39.29 2.36 0.00	39.96 2.30 0.00	39.30 2.26 0.00	44.33 2.71 0.00	47.23 1.86 0.00	51.65 2.88 0.00	55.39 2.74 0.00	57.20 1.50 0.00	62.82 1.83 0.00	67.71 2.04 0.00	75.65 3.19 0.00	82.66 2.72 0.00	90.09 4.58 -0.79	85.27 3.03 -0.42	83.24 2.03 0.01	73.61 1.38 0.25	66.13 0.59 0.27	56.48 0.95 0.08	53.17 2.72 0.00
BARRETT_IC_8 23711	49.14 0.96 0.04	44.94 2.66 0.00	41.35 2.81 0.00	40.29 2.35 0.00	38.01 2.15 0.00	39.29 2.37 0.00	39.92 2.26 0.00	39.30 2.26 0.00	43.83 2.20 0.00	46.82 1.45 0.00	50.92 2.14 -0.01	53.29 0.63 0.00	57.21 1.50 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	89.92 4.40 -0.79	85.27 3.03 -0.42	83.32 2.11 0.01	73.61 1.37 0.25	66.19 0.66 0.27	56.48 0.94 0.08	51.50 1.06 0.00
BARRETT_IC_9 23700	49.14 0.96 0.04	44.94 2.66 0.00	41.35 2.81 0.00	40.29 2.35 0.00	38.01 2.15 0.00	39.29 2.37 0.00	39.92 2.26 0.00	39.30 2.26 0.00	43.83 2.20 0.00	46.82 1.45 0.00	50.92 2.14 -0.01	53.29 0.63 0.00	57.21 1.50 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	79.88 4.40 9.25	79.88 3.03 4.97	83.32 2.11 0.01	73.61 1.37 0.25	66.19 0.66 0.27	56.48 0.94 0.08	51.50 1.06 0.00
BARRETT___1 23545	49.14 0.96 0.04	44.94 2.66 0.00	41.35 2.81 0.00	40.29 2.35 0.00	38.01 2.15 0.00	39.29 2.37 0.00	39.92 2.26 0.00	39.30 2.26 0.00	43.83 2.20 0.00	46.82 1.45 0.00	50.92 2.14 -0.01	53.29 0.63 0.00	57.21 1.50 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	89.92 4.40 -0.79	85.27 3.03 -0.42	83.32 2.11 0.01	73.61 1.37 0.25	66.19 0.66 0.27	56.48 0.94 0.08	51.50 1.06 0.00
BARRETT___2 23546	49.14 0.96 0.04	44.94 2.66 0.00	41.35 2.81 0.00	40.29 2.35 0.00	38.01 2.15 0.00	39.29 2.37 0.00	39.92 2.26 0.00	39.30 2.26 0.00	43.83 2.20 0.00	46.82 1.45 0.00	50.92 2.14 -0.01	53.29 0.63 0.00	57.21 1.50 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	79.88 4.40 9.25	79.88 3.03 4.97	83.32 2.11 0.01	73.61 1.37 0.25	66.19 0.66 0.27	56.48 0.94 0.08	51.50 1.06 0.00
BATAVIA___115KV_TB1 55881	49.61 1.40 0.00	42.82 0.55 0.00	38.81 0.27 0.00	37.56 -0.38 0.00	35.36 -0.50 0.00	36.41 -0.52 0.00	37.36 -0.30 0.00	37.08 0.04 0.00	41.00 -0.62 0.00	45.10 -0.27 0.00	49.50 0.73 0.00	54.34 1.68 0.00	58.10 2.40 0.00	62.82 1.83 0.00	67.84 2.17 0.00	75.87 3.41 0.00	84.33 4.40 0.00	90.83 6.10 0.00	87.14 5.32 0.00	86.01 4.79 0.00	76.25 3.77 0.00	68.44 2.63 0.00	57.83 2.22 0.00	51.86 1.41 0.00
BAYONEEC___CTG1 323682	50.15 1.93 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.14 2.20 0.00	37.90 2.04 0.00	39.14 2.22 0.00	39.89 2.22 0.00	39.19 2.15 0.00	43.92 2.29 0.00	47.78 2.40 0.00	51.26 2.49 0.00	54.54 1.89 0.00	58.04 2.34 0.00	63.36 2.38 0.00	68.43 2.76 0.00	76.16 3.69 0.00	83.78 3.84 0.00	89.90 5.17 0.00	85.83 4.01 0.00	84.47 3.25 0.00	74.39 2.39 0.47	66.08 1.58 1.30	57.61 2.00 0.00	52.51 2.07 0.00
BAYONEEC___CTG10 323750	50.15 1.93 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.14 2.20 0.00	37.90 2.04 0.00	39.14 2.22 0.00	39.89 2.22 0.00	39.19 2.15 0.00	43.92 2.29 0.00	47.78 2.40 0.00	51.26 2.49 0.00	54.54 1.89 0.00	58.04 2.34 0.00	63.36 2.38 0.00	68.43 2.76 0.00	76.16 3.69 0.00	83.78 3.84 0.00	89.90 5.17 0.00	85.83 4.01 0.00	84.47 3.25 0.00	74.39 2.39 0.47	66.08 1.58 1.30	57.61 2.00 0.00	52.51 2.07 0.00
BAYONEEC___CTG2 323683	50.15 1.93 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.14 2.20 0.00	37.90 2.04 0.00	39.14 2.22 0.00	39.89 2.22 0.00	39.19 2.15 0.00	43.92 2.29 0.00	47.78 2.40 0.00	51.26 2.49 0.00	54.54 1.89 0.00	58.04 2.34 0.00	63.36 2.38 0.00	68.43 2.76 0.00	76.16 3.69 0.00	83.78 3.84 0.00	89.90 5.17 0.00	85.83 4.01 0.00	84.47 3.25 0.00	74.39 2.39 0.47	66.08 1.58 1.30	57.61 2.00 0.00	52.51 2.07 0.00
BAYONEEC___CTG3 323684	50.15 1.93 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.14 2.20 0.00	37.90 2.04 0.00	39.14 2.22 0.00	39.89 2.22 0.00	39.19 2.15 0.00	43.92 2.29 0.00	47.78 2.40 0.00	51.26 2.49 0.00	54.54 1.89 0.00	58.04 2.34 0.00	63.36 2.38 0.00	68.43 2.76 0.00	76.16 3.69 0.00	83.78 3.84 0.00	89.90 5.17 0.00	85.83 4.01 0.00	84.47 3.25 0.00	74.39 2.39 0.47	66.08 1.58 1.30	57.61 2.00 0.00	52.51 2.07 0.00
BAYONEEC___CTG4 323685	50.15 1.93 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.14 2.20 0.00	37.90 2.04 0.00	39.14 2.22 0.00	39.89 2.22 0.00	39.19 2.15 0.00	43.92 2.29 0.00	47.78 2.40 0.00	51.26 2.49 0.00	54.54 1.89 0.00	58.04 2.34 0.00	63.36 2.38 0.00	68.43 2.76 0.00	76.16 3.69 0.00	83.78 3.84 0.00	89.90 5.17 0.00	85.83 4.01 0.00	84.47 3.25 0.00	74.39 2.39 0.47	66.08 1.58 1.30	57.61 2.00 0.00	52.51 2.07 0.00
BAYONEEC___CTG5 323686	50.15 1.93 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.14 2.20 0.00	37.90 2.04 0.00	39.14 2.22 0.00	39.89 2.22 0.00	39.19 2.15 0.00	43.92 2.29 0.00	47.78 2.40 0.00	51.26 2.49 0.00	54.54 1.89 0.00	58.04 2.34 0.00	63.36 2.38 0.00	68.43 2.76 0.00	76.16 3.69 0.00	83.78 3.84 0.00	89.90 5.17 0.00	85.83 4.01 0.00	84.47 3.25 0.00	74.39 2.39 0.47	66.08 1.58 1.30	57.61 2.00 0.00	52.51 2.07 0.00
BAYONEEC___CTG6 323687	50.15 1.93 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.14 2.20 0.00	37.90 2.04 0.00	39.14 2.22 0.00	39.89 2.22 0.00	39.19 2.15 0.00	43.92 2.29 0.00	47.78 2.40 0.00	51.26 2.49 0.00	54.54 1.89 0.00	58.04 2.34 0.00	63.36 2.38 0.00	68.43 2.76 0.00	76.16 3.69 0.00	83.78 3.84 0.00	89.90 5.17 0.00	85.83 4.01 0.00	84.47 3.25 0.00	74.39 2.39 0.47	66.08 1.58 1.30	57.61 2.00 0.00	52.51 2.07 0.00
BAYONEEC___CTG7 323688	50.15 1.93 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.14 2.20 0.00	37.90 2.04 0.00	39.14 2.22 0.00	39.89 2.22 0.00	39.19 2.15 0.00	43.92 2.29 0.00	47.78 2.40 0.00	51.26 2.49 0.00	54.54 1.89 0.00	58.04 2.34 0.00	63.36 2.38 0.00	68.43 2.76 0.00	76.16 3.69 0.00	83.78 3.84 0.00	89.90 5.17 0.00	85.83 4.01 0.00	84.47 3.25 0.00	74.39 2.39 0.47	66.08 1.58 1.30	57.61 2.00 0.00	52.51 2.07 0.00

BAYONEEC___CTG8 323689	50.15 1.93 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.14 2.20 0.00	37.90 2.04 0.00	39.14 2.22 0.00	39.89 2.22 0.00	39.19 2.15 0.00	43.92 2.29 0.00	47.78 2.40 0.00	51.26 2.49 0.00	54.54 1.89 0.00	58.04 2.34 0.00	63.36 2.38 0.00	68.43 2.76 0.00	76.16 3.69 0.00	83.78 3.84 0.00	89.90 5.17 0.00	85.83 4.01 0.00	84.47 3.25 0.00	74.39 2.39 0.47	66.08 1.58 1.30	57.61 2.00 0.00	52.51 2.07 0.00
BAYONEEC___CTG9 323749	50.15 1.93 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.14 2.20 0.00	37.90 2.04 0.00	39.14 2.22 0.00	39.89 2.22 0.00	39.19 2.15 0.00	43.92 2.29 0.00	47.78 2.40 0.00	51.26 2.49 0.00	54.54 1.89 0.00	58.04 2.34 0.00	63.36 2.38 0.00	68.43 2.76 0.00	76.16 3.69 0.00	83.78 3.84 0.00	89.90 5.17 0.00	85.83 4.01 0.00	84.47 3.25 0.00	74.39 2.39 0.47	66.08 1.58 1.30	57.61 2.00 0.00	52.51 2.07 0.00
BEACON___LESR 323632	49.13 0.91 0.00	43.37 1.10 0.00	39.61 1.08 0.00	39.04 1.10 0.00	36.90 1.04 0.00	38.03 1.11 0.00	38.79 1.13 0.00	37.93 0.89 0.00	42.50 0.88 0.00	46.28 0.91 0.00	49.60 0.83 0.00	53.29 0.63 0.00	56.20 0.50 0.00	61.60 0.61 0.00	66.59 0.92 0.00	73.77 1.31 0.00	81.21 1.28 0.00	87.02 2.29 0.00	83.78 1.96 0.00	82.76 1.54 0.00	73.63 1.16 0.00	66.60 0.79 0.00	56.44 0.84 0.00	51.10 0.65 0.00
BEAVER RIVER___HYD 24048	50.71 2.02 -0.47	43.79 1.52 0.00	39.88 1.35 0.00	39.12 1.18 0.00	37.08 1.22 0.00	38.14 1.22 0.00	38.87 1.20 0.00	38.15 1.11 0.00	42.71 1.08 0.00	46.69 1.32 0.00	50.09 1.32 0.00	54.36 1.47 -0.24	57.09 1.39 0.00	63.11 1.89 -0.23	67.82 1.84 -0.31	75.06 2.17 -0.42	83.60 3.04 -0.62	89.09 3.56 -0.80	87.33 4.66 -0.85	86.47 4.55 -0.70	76.80 3.84 -0.48	69.72 3.49 -0.42	57.61 2.00 0.00	52.08 1.46 -0.17
BEEBEE_GT_13 23619	48.89 0.68 0.00	42.32 0.04 0.00	38.42 -0.12 0.00	37.41 -0.53 0.00	35.43 -0.43 0.00	36.30 -0.63 0.00	37.25 -0.41 0.00	36.93 -0.11 0.00	41.17 -0.46 0.00	45.28 -0.09 0.00	49.50 0.73 0.00	54.07 1.42 0.00	57.65 1.95 0.00	62.63 1.65 0.00	67.64 1.97 0.00	75.43 2.97 0.00	83.54 3.60 0.00	89.48 4.74 0.00	85.83 4.01 0.00	84.63 3.41 0.00	75.16 2.68 0.00	67.65 1.84 0.00	57.05 1.45 0.00	51.20 0.76 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.07 2.84 -0.01	45.54 3.26 -0.01	41.63 3.08 -0.01	40.72 2.77 -0.01	38.45 2.58 -0.01	39.66 2.73 0.00	40.38 2.71 0.00	39.52 2.48 0.00	44.29 2.66 0.00	48.28 2.90 0.00	51.45 2.68 0.00	55.28 2.63 0.00	58.37 2.67 0.00	63.60 2.62 0.01	68.56 2.89 0.01	76.73 4.28 0.01	84.41 4.48 0.01	90.65 5.93 0.01	86.48 4.66 0.01	85.11 3.90 0.01	74.97 2.97 0.48	66.34 1.84 1.31	58.05 2.45 0.00	53.52 3.08 0.00
BETHLEHEM___GRP 23843	48.41 0.19 0.00	42.78 0.51 0.00	39.08 0.54 0.00	38.55 0.61 0.00	36.43 0.57 0.00	37.59 0.66 0.00	38.30 0.64 0.00	37.45 0.41 0.00	41.96 0.33 0.00	45.60 0.23 0.00	48.87 0.10 0.00	52.60 -0.05 0.00	55.14 -0.56 0.00	60.44 -0.55 0.00	65.15 -0.53 0.00	72.32 -0.14 0.00	79.70 -0.24 0.00	85.24 0.51 0.00	81.98 0.16 0.00	80.98 -0.24 0.00	72.19 -0.29 0.00	65.28 -0.53 0.00	55.38 -0.22 0.00	50.34 -0.10 0.00
BETHLEHEM___GS1 323560	48.41 0.19 0.00	42.78 0.51 0.00	39.08 0.54 0.00	38.54 0.61 0.00	36.43 0.57 0.00	37.59 0.67 0.00	38.30 0.64 0.00	37.45 0.41 0.00	41.88 0.25 0.00	45.60 0.23 0.00	48.82 0.05 0.00	52.39 -0.26 0.00	55.14 -0.56 0.00	60.44 -0.55 0.00	65.28 -0.39 0.00	72.25 -0.22 0.00	79.62 -0.32 0.00	85.16 0.43 0.00	81.98 0.16 0.00	81.06 -0.16 0.00	72.19 -0.29 0.00	65.28 -0.53 0.00	55.39 -0.22 0.00	50.24 -0.20 0.00
BETHLEHEM___GS2 323561	48.41 0.19 0.00	42.78 0.51 0.00	39.08 0.54 0.00	38.54 0.61 0.00	36.43 0.57 0.00	37.59 0.67 0.00	38.30 0.64 0.00	37.45 0.41 0.00	41.88 0.25 0.00	45.60 0.23 0.00	48.82 0.05 0.00	52.39 -0.26 0.00	55.14 -0.56 0.00	60.44 -0.55 0.00	65.28 -0.39 0.00	72.25 -0.22 0.00	79.62 -0.32 0.00	85.16 0.43 0.00	81.98 0.16 0.00	81.06 -0.16 0.00	72.19 -0.29 0.00	65.28 -0.53 0.00	55.39 -0.22 0.00	50.24 -0.20 0.00
BETHLEHEM___GS3 323562	48.41 0.19 0.00	42.78 0.51 0.00	39.08 0.54 0.00	38.54 0.61 0.00	36.43 0.57 0.00	37.59 0.67 0.00	38.30 0.64 0.00	37.45 0.41 0.00	41.88 0.25 0.00	45.60 0.23 0.00	48.82 0.05 0.00	52.39 -0.26 0.00	55.14 -0.56 0.00	60.44 -0.55 0.00	65.28 -0.39 0.00	72.25 -0.22 0.00	79.62 -0.32 0.00	85.16 0.43 0.00	81.98 0.16 0.00	81.06 -0.16 0.00	72.19 -0.29 0.00	65.28 -0.53 0.00	55.39 -0.22 0.00	50.24 -0.20 0.00
BETHLEHEM___STEEL 23779	48.55 0.34 0.00	42.06 -0.21 0.00	38.15 -0.39 0.00	36.88 -1.06 0.00	34.86 -1.00 0.00	35.75 -1.18 0.00	36.76 -0.90 0.00	36.60 -0.44 0.00	40.63 -1.00 0.00	44.65 -0.73 0.00	48.82 0.05 0.00	53.65 1.00 0.00	57.48 1.78 0.00	62.15 1.16 0.00	67.05 1.38 0.00	74.85 2.39 0.00	83.22 3.28 0.00	89.39 4.66 0.00	85.34 3.52 0.00	84.15 2.92 0.00	74.43 1.96 0.00	66.53 0.72 0.00	56.44 0.83 0.00	50.39 -0.05 0.00
BETHLHEM_115KV_TB1 79974	48.46 0.24 0.00	42.82 0.55 0.00	39.15 0.62 0.00	38.62 0.68 0.00	36.51 0.65 0.00	37.63 0.70 0.00	38.34 0.68 0.00	37.49 0.44 0.00	42.00 0.37 0.00	45.69 0.32 0.00	48.97 0.20 0.00	52.70 0.05 0.00	55.31 -0.39 0.00	60.62 -0.37 0.00	65.28 -0.39 0.00	72.46 0.00 0.00	79.86 -0.08 0.00	85.41 0.68 0.00	82.23 0.41 0.00	81.22 0.00 0.00	72.33 -0.14 0.00	65.41 -0.39 0.00	55.50 -0.11 0.00	50.44 0.00 0.00
BETHPAGE_CC_5 323564	48.59 1.06 0.68	45.11 2.83 0.00	41.50 2.97 0.00	40.37 2.43 0.00	38.09 2.22 0.00	39.40 2.47 0.00	40.04 2.37 0.00	39.42 2.37 0.00	43.96 2.33 0.00	46.92 1.54 0.00	51.07 2.29 -0.01	53.29 0.63 0.00	57.21 1.56 0.05	62.63 1.83 0.18	67.74 2.30 0.23	75.11 2.82 0.18	82.70 2.96 0.20	88.79 4.57 0.51	84.77 3.19 0.24	82.94 2.03 0.31	68.89 1.31 4.89	60.96 0.66 5.50	55.14 0.94 1.41	51.50 1.06 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	48.55 0.34 0.00	42.06 -0.21 0.00	38.15 -0.39 0.00	36.84 -1.10 0.00	34.86 -1.00 0.00	35.75 -1.18 0.00	36.76 -0.90 0.00	36.64 -0.41 0.00	40.67 -0.96 0.00	44.69 -0.68 0.00	48.87 0.10 0.00	53.70 1.05 0.00	57.59 1.89 0.00	62.27 1.28 0.00	67.25 1.58 0.00	75.00 2.54 0.00	83.38 3.44 0.00	89.56 4.83 0.00	85.50 3.68 0.00	84.23 3.01 0.00	74.58 2.10 0.00	66.66 0.86 0.00	56.55 0.95 0.00	50.44 0.00 0.00
BINGHAMTON___COGEN 23790	48.70 0.48 0.00	42.66 0.38 0.00	39.00 0.46 0.00	38.28 0.34 0.00	36.18 0.32 0.00	37.22 0.30 0.00	38.04 0.38 0.00	37.34 0.30 0.00	41.80 0.17 0.00	45.64 0.27 0.00	49.21 0.44 0.00	53.39 0.74 0.00	56.70 1.00 0.00	61.96 0.98 0.00	66.79 1.12 0.00	74.20 1.74 0.00	82.02 2.08 0.00	87.87 3.14 0.00	84.60 2.78 0.00	83.42 2.19 0.00	74.36 1.88 0.00	66.99 1.18 0.00	56.66 1.06 0.00	51.15 0.71 0.00

BIXINCNT_115KV_LOAD 355685	48.26 0.05 0.00	41.81 -0.47 0.00	37.96 -0.58 0.00	36.65 -1.29 0.00	34.68 -1.18 0.00	35.67 -1.26 0.00	36.68 -0.98 0.00	36.60 -0.44 0.00	40.67 -0.96 0.00	44.65 -0.73 0.00	48.72 -0.05 0.00	53.49 0.84 0.00	57.43 1.73 0.00	61.96 0.98 0.00	66.99 1.31 0.00	74.78 2.32 0.00	83.14 3.20 0.00	89.48 4.74 0.00	85.42 3.60 0.00	84.15 2.92 0.00	74.51 2.03 0.00	66.46 0.66 0.00	56.44 0.83 0.00	50.04 -0.40 0.00
BLACK RIVER___HYD 24047	51.86 2.80 -0.85	44.43 2.15 0.00	40.46 1.93 0.00	39.61 1.67 0.00	37.65 1.79 0.00	38.70 1.77 0.00	39.40 1.73 0.00	38.60 1.56 0.00	43.12 1.50 0.00	47.14 1.77 0.00	50.63 1.85 0.00	55.24 2.16 -0.43	57.70 2.00 0.00	64.03 2.62 -0.42	68.93 2.69 -0.56	76.41 3.18 -0.76	85.46 4.39 -1.12	91.61 5.43 -1.45	89.96 6.79 -1.36	89.48 6.99 -1.27	79.36 6.01 -0.87	72.03 5.46 -0.77	59.11 3.51 0.00	53.47 2.72 -0.31
BLACKRVR_115KV_TB2 79977	51.82 2.75 -0.85	44.43 2.16 0.00	40.46 1.93 0.00	39.61 1.67 0.00	37.65 1.79 0.00	38.70 1.77 0.00	39.40 1.73 0.00	38.60 1.56 0.00	43.09 1.46 0.00	47.14 1.77 0.00	50.58 1.80 0.00	55.08 2.00 -0.43	57.71 2.01 0.00	64.03 2.62 -0.42	68.80 2.56 -0.56	76.41 3.19 -0.76	85.46 4.40 -1.12	91.52 5.34 -1.45	89.97 6.79 -1.36	89.48 6.99 -1.27	79.37 6.02 -0.87	72.03 5.46 -0.77	59.11 3.50 0.00	53.37 2.62 -0.31
BLDWN_LI_69_KV_BK4 356085	49.34 1.54 0.42	45.40 3.13 0.00	41.66 3.12 0.00	40.52 2.58 0.00	38.23 2.37 0.00	39.55 2.62 0.00	40.19 2.52 0.00	39.56 2.52 0.00	44.67 3.04 0.00	47.64 2.27 0.00	52.24 3.46 0.00	56.07 3.42 0.00	57.93 2.23 0.00	63.61 2.62 0.00	68.37 2.69 0.00	76.45 3.99 0.00	83.38 3.44 0.00	90.15 5.42 0.00	85.67 3.85 0.00	83.89 2.68 0.01	71.60 2.10 2.98	63.94 1.45 3.31	56.36 1.61 0.86	53.72 3.28 0.00
BLISS_WT_PWR 323608	48.46 0.24 0.00	41.77 -0.51 0.00	37.84 -0.69 0.00	36.50 -1.44 0.00	34.60 -1.26 0.00	35.60 -1.33 0.00	36.72 -0.94 0.00	36.56 -0.48 0.00	41.17 -0.46 0.00	44.92 -0.45 0.00	49.16 0.39 0.00	54.91 2.26 0.00	57.37 1.67 0.00	61.96 0.97 0.00	68.30 2.63 0.00	74.93 2.47 0.00	83.62 3.68 0.00	89.13 4.40 0.00	85.42 3.60 0.00	84.23 3.01 0.00	74.50 2.03 0.00	66.40 0.59 0.00	56.38 0.78 0.00	50.85 0.40 0.00
BLUESTONE___WT_PWR 323821	51.35 3.13 0.00	44.90 2.62 0.00	41.04 2.50 0.00	40.22 2.28 0.00	38.16 2.30 0.00	39.25 2.33 0.00	40.08 2.41 0.00	39.26 2.22 0.00	43.92 2.29 0.00	48.05 2.68 0.00	51.75 2.98 0.00	56.44 3.79 0.00	59.60 3.90 0.00	65.50 4.51 0.00	70.80 5.13 0.00	78.47 6.01 0.00	87.21 7.27 0.00	93.20 8.47 0.00	90.41 8.59 0.00	89.26 8.04 0.00	79.29 6.81 0.00	71.53 5.72 0.00	59.89 4.28 0.00	54.03 3.58 0.00
BLUE_CIRC_CHEM_DRP 24182	47.97 -0.24 0.00	42.36 0.08 0.00	38.69 0.15 0.00	38.24 0.30 0.00	36.15 0.29 0.00	37.22 0.30 0.00	37.93 0.26 0.00	36.97 -0.07 0.00	40.59 -0.21 0.83	43.21 -0.32 1.85	45.49 -0.54 2.74	48.17 -0.74 3.74	50.15 -1.00 4.55	53.94 -1.04 6.01	57.21 -1.12 7.35	62.40 -0.80 9.27	78.96 -0.96 0.02	83.15 -0.25 1.33	80.85 -0.49 0.48	80.29 -0.73 0.20	71.75 -0.72 0.00	64.95 -0.86 0.00	55.05 -0.56 0.00	50.04 -0.40 0.00
BOC_GAS_DRP 24189	48.50 0.29 0.00	42.87 0.59 0.00	39.19 0.66 0.00	38.70 0.76 0.00	36.58 0.72 0.00	37.70 0.78 0.00	38.42 0.75 0.00	37.52 0.48 0.00	42.14 0.46 -0.05	45.85 0.36 -0.12	49.24 0.29 -0.17	53.05 0.16 -0.24	55.99 0.00 -0.29	61.37 0.00 -0.38	66.14 0.00 -0.47	73.49 0.43 -0.59	80.34 0.40 0.00	85.92 1.10 -0.08	82.59 0.74 -0.03	81.56 0.32 -0.01	72.69 0.22 0.00	65.74 -0.07 0.00	55.77 0.17 0.00	50.75 0.30 0.00
BOONVILLE_115KV_TB1 79983	49.95 1.74 0.00	43.67 1.40 0.00	39.85 1.31 0.00	39.12 1.18 0.00	37.08 1.22 0.00	38.15 1.22 0.00	38.87 1.21 0.00	38.15 1.11 0.00	42.75 1.12 0.00	46.73 1.36 0.00	50.19 1.41 0.00	54.23 1.58 0.00	57.37 1.67 0.00	63.12 2.13 0.00	67.78 2.10 0.00	75.14 2.68 0.00	83.30 3.36 0.00	88.71 3.98 0.00	86.30 4.42 -0.06	85.36 4.14 0.00	75.88 3.41 0.00	68.77 2.96 0.00	57.50 1.89 0.00	51.86 1.41 0.00
BORALEX_4TH_BRANCH 23824	49.95 1.74 0.00	44.22 1.94 0.00	40.39 1.85 0.00	39.76 1.82 0.00	37.58 1.72 0.00	38.77 1.85 0.00	39.47 1.81 0.00	38.56 1.52 0.00	43.21 1.58 0.00	46.96 1.59 0.00	49.99 1.22 0.00	53.76 1.11 0.00	56.87 1.17 0.00	62.45 1.46 0.00	67.25 1.58 0.00	74.85 2.39 0.00	82.58 2.64 0.00	88.46 3.73 0.00	85.34 3.52 0.00	84.31 3.09 0.00	75.16 2.68 0.00	67.85 2.04 0.00	57.66 2.06 0.00	52.41 1.97 0.00
BOWLINE___1 23526	49.66 1.45 0.00	44.26 1.99 0.00	40.58 2.04 0.00	39.76 1.82 0.00	37.58 1.72 0.00	38.77 1.85 0.00	39.51 1.85 0.00	38.75 1.70 0.00	43.38 1.75 0.00	47.14 1.77 0.00	50.63 1.85 0.00	54.18 1.53 0.00	57.65 1.95 0.00	63.06 2.07 0.00	68.17 2.50 0.00	75.65 3.18 0.00	83.37 3.43 0.00	89.39 4.66 0.00	85.51 3.69 0.00	84.23 3.01 0.00	74.73 2.25 0.00	67.32 1.51 0.00	57.39 1.78 0.00	52.26 1.81 0.00
BOWLINE___2 23595	49.66 1.45 0.00	44.26 1.99 0.00	40.58 2.04 0.00	39.76 1.82 0.00	37.58 1.72 0.00	38.77 1.85 0.00	39.51 1.85 0.00	38.75 1.70 0.00	43.38 1.75 0.00	47.14 1.77 0.00	50.63 1.85 0.00	54.18 1.53 0.00	57.65 1.95 0.00	63.06 2.07 0.00	68.17 2.50 0.00	75.65 3.18 0.00	83.37 3.43 0.00	89.39 4.66 0.00	85.51 3.69 0.00	84.23 3.01 0.00	74.73 2.25 0.00	67.32 1.51 0.00	57.39 1.78 0.00	52.26 1.81 0.00
BRADY___115KV_TB2 356060	49.52 1.30 0.00	43.04 0.76 0.00	39.08 0.54 0.00	38.43 0.49 0.00	36.33 0.47 0.00	37.37 0.44 0.00	38.08 0.41 0.00	37.56 0.52 0.00	42.34 0.71 0.00	46.14 0.77 0.00	49.55 0.78 0.00	53.44 0.79 0.00	56.43 0.72 0.00	61.96 0.98 0.00	66.59 0.92 0.00	72.68 0.22 0.00	80.34 0.40 0.00	83.29 -1.44 0.00	82.92 0.57 -0.53	82.68 1.46 0.00	73.85 1.38 0.00	67.71 1.91 0.00	56.72 1.11 0.00	51.40 0.96 0.00
BRANSCOMB___SOLAR 323811	50.43 2.22 0.00	44.47 2.20 0.00	40.58 2.04 0.00	39.91 1.97 0.00	37.72 1.86 0.00	38.88 1.96 0.00	39.62 1.96 0.00	38.71 1.67 0.00	43.34 1.71 0.00	47.14 1.77 0.00	50.29 1.51 0.00	54.02 1.37 0.00	57.26 1.56 0.00	62.82 1.83 0.00	67.91 2.23 0.00	75.29 2.82 0.00	83.14 3.20 0.00	89.22 4.49 0.00	86.32 4.50 0.00	85.44 4.22 0.00	76.32 3.84 0.00	69.03 3.22 0.00	58.39 2.78 0.00	52.82 2.37 0.00
BRDGHMPT_69_KV_BK1 55812	49.64 2.27 0.84	46.46 4.19 0.00	42.54 4.01 0.00	41.20 3.26 0.00	38.84 2.98 0.00	40.21 3.29 0.00	40.83 3.16 0.00	40.27 3.22 0.00	45.62 4.00 0.00	48.55 3.18 0.00	53.70 4.93 0.00	57.97 5.32 0.00	59.28 3.73 0.15	64.84 4.39 0.53	70.04 5.06 0.69	78.60 6.67 0.53	85.99 6.63 0.59	93.15 9.49 1.07	88.88 7.53 0.47	85.77 5.44 0.89	70.10 3.62 6.00	61.44 2.50 6.87	56.32 2.45 1.73	55.03 4.59 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	48.45 1.06 0.82	45.57 3.30 0.00	41.81 3.28 0.00	40.63 2.69 0.00	38.34 2.47 0.00	39.66 2.73 0.00	40.30 2.64 0.00	39.67 2.63 0.00	44.88 3.25 0.00	47.50 2.13 0.00	52.53 3.76 0.00	56.39 3.74 0.00	57.29 1.78 0.19	62.45 2.13 0.68	67.04 2.23 0.87	75.27 3.48 0.67	81.67 2.48 0.74	88.15 4.66 1.24	84.32 3.03 0.53	81.72 1.62 1.13	68.03 1.45 5.89	59.86 0.86 6.80	55.08 1.17 1.70	54.03 3.58 0.00
BRISTLHL_115KV_TB1 79998	49.71 -0.63 -2.12	41.64 -0.63 0.00	37.96 -0.58 0.00	37.29 -0.64 0.00	35.25 -0.61 0.00	36.26 -0.66 0.00	37.10 -0.56 0.00	36.45 -0.59 0.00	40.88 -0.75 0.00	44.69 -0.68 0.00	48.14 -0.63 0.00	53.25 -0.47 -1.07	55.14 -0.56 0.00	61.41 -0.61 -1.04	66.48 -0.59 -1.39	74.06 -0.29 -1.89	82.41 -0.32 -2.79	88.60 0.25 -3.61	85.26 0.33 -3.11	84.30 -0.08 -3.16	74.51 -0.14 -2.18	67.25 -0.46 -1.90	55.11 -0.50 0.00	50.75 -0.45 -0.76
BROOKHAVEN___DRP 24191	48.05 0.68 0.84	45.11 2.83 0.00	41.35 2.81 0.00	40.14 2.20 0.00	37.87 2.01 0.00	39.22 2.29 0.00	39.81 2.15 0.00	39.19 2.15 0.00	44.38 2.75 0.00	47.05 1.68 0.00	51.94 3.17 0.00	55.86 3.21 0.00	56.89 1.34 0.15	62.11 1.65 0.52	66.97 1.97 0.68	75.06 3.12 0.52	82.00 2.64 0.58	88.76 5.08 1.06	84.71 3.35 0.46	82.13 1.79 0.88	67.41 0.94 6.01	59.20 0.26 6.87	54.54 0.67 1.73	53.42 2.98 0.00
BROOKLYN_NAVY_YARD 23515	50.19 1.98 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.14 2.20 0.00	37.94 2.08 0.00	39.14 2.22 0.00	39.92 2.26 0.00	39.26 2.22 0.00	44.00 2.37 0.00	47.91 2.54 0.00	51.26 2.49 0.00	54.65 2.00 0.00	58.21 2.51 0.00	63.49 2.50 0.00	68.56 2.89 0.00	76.30 3.84 0.00	83.93 4.00 0.00	90.37 5.43 -0.21	86.18 4.25 -0.11	84.71 3.49 0.00	75.01 2.54 0.00	67.45 1.65 0.00	57.77 2.17 0.00	52.61 2.17 0.00
BROOKLYN___ARMY_DRP 323595	50.78 2.56 -0.01	45.28 3.00 -0.01	41.43 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	44.08 2.46 0.00	48.00 2.63 0.00	51.16 2.39 0.00	54.97 2.32 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.22 3.77 0.01	83.85 3.92 0.01	89.98 5.25 0.01	85.90 4.09 0.01	84.54 3.33 0.01	74.46 2.46 0.48	65.94 1.45 1.31	57.72 2.11 0.00	53.27 2.82 0.00
BROOME_2_LFGE 323671	48.75 0.53 0.00	42.70 0.42 0.00	39.00 0.46 0.00	38.24 0.30 0.00	36.18 0.32 0.00	37.22 0.29 0.00	38.08 0.42 0.00	37.34 0.29 0.00	41.88 0.25 0.00	45.69 0.32 0.00	49.31 0.54 0.00	53.76 1.11 0.00	56.70 1.00 0.00	61.96 0.97 0.00	67.32 1.64 0.00	74.27 1.81 0.00	82.10 2.16 0.00	87.70 2.96 0.00	84.60 2.78 0.00	83.49 2.27 0.00	74.36 1.88 0.00	67.05 1.25 0.00	56.66 1.05 0.00	51.40 0.96 0.00
BROOME___LFGE 323600	48.75 0.53 0.00	42.70 0.42 0.00	39.00 0.46 0.00	38.24 0.30 0.00	36.18 0.32 0.00	37.22 0.29 0.00	38.08 0.42 0.00	37.34 0.29 0.00	41.88 0.25 0.00	45.69 0.32 0.00	49.31 0.54 0.00	53.76 1.11 0.00	56.70 1.00 0.00	61.96 0.97 0.00	67.32 1.64 0.00	74.27 1.81 0.00	82.10 2.16 0.00	87.70 2.96 0.00	84.60 2.78 0.00	83.49 2.27 0.00	74.36 1.88 0.00	67.05 1.25 0.00	56.66 1.05 0.00	51.40 0.96 0.00
BROWNFLS_115KV_TB_3_5 80003	49.84 1.30 -0.32	43.12 0.85 0.00	39.19 0.66 0.00	38.51 0.57 0.00	36.47 0.61 0.00	37.48 0.55 0.00	38.23 0.56 0.00	37.64 0.59 0.00	42.29 0.67 0.00	46.19 0.82 0.00	49.65 0.88 0.00	53.76 0.95 -0.16	56.59 0.89 0.00	62.42 1.28 -0.16	67.07 1.18 -0.21	73.76 1.01 -0.29	81.88 1.52 -0.42	86.21 0.93 -0.54	85.02 2.45 -0.74	84.38 2.68 -0.48	74.98 2.17 -0.33	68.40 2.30 -0.29	56.77 1.17 0.00	51.37 0.81 -0.11
BROWNSV1_27_KV_LOAD 356125	50.77 2.56 0.00	45.32 3.04 0.00	41.43 2.89 0.00	40.52 2.58 0.00	38.26 2.40 0.00	39.48 2.55 0.00	40.30 2.64 0.00	39.56 2.52 0.00	44.46 2.83 0.00	48.37 2.99 0.00	51.89 3.12 0.00	55.65 3.00 0.00	58.82 3.12 0.00	64.22 3.23 0.00	69.02 3.35 0.00	77.25 4.78 0.00	84.89 4.96 0.00	91.26 6.52 0.00	87.06 5.24 0.00	85.61 4.39 0.00	75.88 3.41 0.00	68.17 2.37 0.00	58.33 2.72 0.00	53.32 2.88 0.00
BURROWS___LYONSDAL 23803	50.22 1.78 -0.22	43.71 1.44 0.00	39.85 1.31 0.00	39.12 1.18 0.00	37.08 1.22 0.00	38.15 1.22 0.00	38.87 1.21 0.00	38.15 1.11 0.00	42.75 1.12 0.00	46.69 1.32 0.00	50.19 1.41 0.00	54.29 1.53 -0.11	57.32 1.62 0.00	63.17 2.07 -0.11	67.86 2.04 -0.15	75.20 2.54 -0.20	83.59 3.36 -0.29	89.01 3.90 -0.38	86.72 4.50 -0.40	85.69 4.14 -0.33	76.18 3.48 -0.23	69.03 3.03 -0.20	57.44 1.84 0.00	51.83 1.31 -0.08
CAITHNESS_CC_1 323624	47.91 0.53 0.84	44.90 2.62 0.00	41.35 2.81 0.00	40.14 2.20 0.00	37.83 1.97 0.00	39.18 2.25 0.00	39.77 2.11 0.00	39.19 2.15 0.00	43.71 2.08 0.00	46.42 1.04 0.00	50.78 2.00 -0.01	52.70 0.05 0.00	56.78 1.22 0.15	62.00 1.53 0.52	67.05 2.04 0.66	74.42 2.47 0.51	81.93 2.56 0.57	88.17 4.49 1.05	84.39 3.03 0.46	81.90 1.54 0.86	67.27 0.80 6.01	59.14 0.20 6.87	54.43 0.56 1.73	51.25 0.80 0.00
CALPINE BETH_PAGE_GT4 24209	48.90 1.30 0.62	45.28 3.00 0.00	41.54 3.01 0.00	40.44 2.50 0.00	38.16 2.30 0.00	39.44 2.51 0.00	40.11 2.45 0.00	39.49 2.44 0.00	44.58 2.96 0.00	47.46 2.09 0.00	51.99 3.22 0.00	55.65 3.00 0.00	57.26 1.56 0.00	62.82 1.83 0.00	67.71 2.04 0.00	75.72 3.26 0.00	82.74 2.80 0.00	89.26 4.74 0.22	84.89 3.19 0.12	83.16 1.95 0.01	69.39 1.30 4.39	61.52 0.59 4.88	55.29 0.95 1.27	53.22 2.77 0.00
CALPINE_BETH_PAGE_GT_4 323586	48.81 1.21 0.62	45.15 2.88 0.00	41.54 3.01 0.00	40.40 2.46 0.00	38.16 2.30 0.00	39.44 2.51 0.00	40.08 2.41 0.00	39.49 2.44 0.00	44.04 2.41 0.00	47.00 1.63 0.00	51.12 2.34 -0.01	53.29 0.63 0.00	57.26 1.56 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	89.08 4.57 0.22	84.89 3.19 0.12	83.24 2.03 0.01	69.39 1.31 4.39	61.58 0.66 4.88	55.28 0.94 1.27	51.45 1.01 0.00
CALPINE_BP_GT1 23823	48.81 1.21 0.62	45.15 2.88 0.00	41.54 3.01 0.00	40.40 2.46 0.00	38.16 2.30 0.00	39.44 2.51 0.00	40.08 2.41 0.00	39.49 2.44 0.00	44.04 2.41 0.00	47.00 1.63 0.00	51.12 2.34 -0.01	53.29 0.63 0.00	57.26 1.56 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.29 2.82 0.00	82.90 2.96 0.00	89.08 4.57 0.22	84.89 3.19 0.12	83.24 2.03 0.01	69.39 1.31 4.39	61.58 0.66 4.88	55.28 0.94 1.27	51.45 1.01 0.00
CALSPAN___DRP 24200	48.55 0.34 0.00	42.06 -0.21 0.00	38.15 -0.39 0.00	36.88 -1.06 0.00	34.86 -1.00 0.00	35.75 -1.18 0.00	36.76 -0.90 0.00	36.60 -0.44 0.00	40.63 -1.00 0.00	44.65 -0.73 0.00	48.82 0.05 0.00	53.65 1.00 0.00	57.48 1.78 0.00	62.15 1.16 0.00	67.05 1.38 0.00	74.85 2.39 0.00	83.22 3.28 0.00	89.39 4.66 0.00	85.34 3.52 0.00	84.15 2.92 0.00	74.43 1.96 0.00	66.53 0.72 0.00	56.44 0.83 0.00	50.39 -0.05 0.00

CALVERTON___SOLAR 323806	48.10 0.72 0.84	45.06 2.79 0.00	41.46 2.93 0.00	40.25 2.31 0.00	37.94 2.08 0.00	39.29 2.37 0.00	39.89 2.22 0.00	39.30 2.26 0.00	43.83 2.20 0.00	46.60 1.23 0.00	51.02 2.24 -0.01	52.97 0.32 0.00	57.11 1.56 0.15	62.35 1.89 0.53	67.55 2.56 0.68	74.98 3.04 0.52	82.64 3.28 0.58	89.01 5.34 1.06	85.20 3.85 0.46	82.61 2.27 0.88	67.70 1.23 6.01	59.53 0.59 6.87	54.71 0.84 1.73	51.50 1.06 0.00
CANDIGU_WT_PWR 323617	48.98 0.77 0.00	42.57 0.30 0.00	38.73 0.19 0.00	37.68 -0.26 0.00	35.65 -0.21 0.00	36.63 -0.30 0.00	37.59 -0.08 0.00	36.93 -0.11 0.00	41.29 -0.33 0.00	45.01 -0.36 0.00	48.92 0.15 0.00	54.07 1.42 0.00	56.76 1.06 0.00	61.60 0.61 0.00	67.38 1.70 0.00	74.20 1.74 0.00	82.50 2.56 0.00	88.12 3.39 0.00	85.10 3.28 0.00	84.14 2.92 0.00	74.94 2.47 0.00	67.19 1.38 0.00	56.89 1.28 0.00	51.45 1.01 0.00
CARR STREET_E_SYR 24060	47.64 -0.58 0.00	41.64 -0.63 0.00	37.96 -0.58 0.00	37.29 -0.65 0.00	35.29 -0.58 0.00	36.26 -0.66 0.00	37.10 -0.56 0.00	36.45 -0.59 0.00	40.96 -0.67 0.00	44.74 -0.64 0.00	48.28 -0.49 0.00	52.44 -0.21 0.00	55.37 -0.33 0.00	60.56 -0.42 0.00	65.61 -0.07 0.00	72.54 0.07 0.00	80.10 0.16 0.00	85.33 0.60 0.00	82.47 0.65 0.00	81.38 0.16 0.00	72.55 0.07 0.00	65.54 -0.26 0.00	55.27 -0.33 0.00	50.09 -0.35 0.00
CARTHAGE___PAPER 23857	51.28 2.36 -0.71	44.09 1.82 0.00	40.12 1.58 0.00	39.34 1.40 0.00	37.33 1.47 0.00	38.37 1.44 0.00	39.09 1.43 0.00	38.34 1.30 0.00	42.88 1.25 0.00	46.82 1.45 0.00	50.23 1.46 0.00	54.64 1.63 -0.36	57.21 1.50 0.00	63.34 2.01 -0.34	68.11 1.97 -0.46	75.48 2.39 -0.63	84.30 3.43 -0.93	90.08 4.15 -1.20	88.46 5.48 -1.16	87.87 5.60 -1.05	77.98 4.78 -0.72	70.85 4.41 -0.63	58.28 2.67 0.00	52.72 2.02 -0.25
CASSADAGA_WT_PWR 323784	49.56 1.35 0.00	42.70 0.42 0.00	38.69 0.15 0.00	37.37 -0.57 0.00	35.36 -0.50 0.00	36.26 -0.66 0.00	37.40 -0.26 0.00	37.23 0.19 0.00	41.96 0.33 0.00	45.87 0.50 0.00	50.33 1.56 0.00	56.34 3.68 0.00	58.93 3.23 0.00	63.61 2.62 0.00	70.08 4.40 0.00	76.81 4.35 0.00	85.94 6.00 0.00	91.59 6.86 0.00	87.71 5.89 0.00	86.42 5.20 0.00	76.03 3.55 0.00	67.91 2.11 0.00	57.27 1.67 0.00	51.65 1.21 0.00
CE_DUNWOOD___DRP 24194	50.00 1.78 0.00	44.56 2.28 0.00	40.81 2.27 0.00	39.99 2.05 0.00	37.76 1.90 0.00	39.00 2.07 0.00	39.74 2.07 0.00	38.97 1.93 0.00	43.75 2.12 0.00	47.50 2.13 0.00	51.06 2.29 0.00	54.81 2.16 0.00	57.93 2.23 0.00	63.31 2.32 0.00	68.10 2.43 0.00	76.09 3.62 0.00	83.70 3.76 0.00	89.90 5.17 0.00	85.83 4.01 0.00	84.47 3.25 0.00	75.01 2.54 0.00	67.45 1.65 0.00	57.55 1.95 0.00	52.66 2.22 0.00
CE_MILLWOOD___DRP 24193	49.90 1.69 0.00	44.47 2.20 0.00	40.73 2.20 0.00	39.91 1.97 0.00	37.69 1.83 0.00	38.92 1.99 0.00	39.66 2.00 0.00	38.89 1.85 0.00	43.67 2.04 0.00	47.41 2.04 0.00	50.97 2.19 0.00	54.71 2.05 0.00	57.82 2.12 0.00	63.24 2.26 0.00	68.04 2.36 0.00	75.94 3.48 0.00	83.54 3.60 0.00	89.82 5.08 0.00	85.75 3.93 0.00	84.39 3.17 0.00	74.94 2.46 0.00	67.39 1.58 0.00	57.50 1.89 0.00	52.56 2.12 0.00
CE_NYC2_DRP 24202	50.48 2.27 0.00	45.02 2.75 0.00	41.19 2.66 0.00	40.33 2.39 0.00	38.08 2.22 0.00	39.29 2.36 0.00	40.04 2.37 0.00	39.23 2.19 0.00	44.00 2.37 0.00	47.87 2.50 0.00	51.26 2.49 0.00	54.97 2.32 0.00	57.98 2.28 0.00	63.18 2.20 0.01	67.96 2.30 0.01	76.01 3.55 0.01	83.53 3.60 0.01	89.81 5.08 0.01	85.66 3.85 0.01	84.22 3.01 0.01	74.24 2.25 0.48	65.81 1.32 1.31	57.66 2.06 0.00	53.02 2.57 0.00
CE_NYC_DRP 24195	50.38 2.17 0.00	44.98 2.71 0.00	41.12 2.58 0.00	40.25 2.31 0.00	38.01 2.15 0.00	39.22 2.29 0.00	40.04 2.37 0.00	39.27 2.22 0.00	44.13 2.50 0.00	47.96 2.59 0.00	51.50 2.73 0.00	55.18 2.53 0.00	58.26 2.56 0.00	63.67 2.68 0.00	68.43 2.76 0.00	76.52 4.06 0.00	84.09 4.16 0.00	90.41 5.68 0.00	86.24 4.42 0.00	84.80 3.57 0.00	75.23 2.75 0.00	67.58 1.78 0.00	57.83 2.22 0.00	52.92 2.47 0.00
CHAFFEE___LFGE 323603	48.89 0.67 0.00	42.19 -0.08 0.00	38.15 -0.39 0.00	36.84 -1.10 0.00	34.89 -0.97 0.00	35.78 -1.15 0.00	36.91 -0.75 0.00	36.67 -0.37 0.00	41.38 -0.25 0.00	45.06 -0.32 0.00	49.40 0.63 0.00	55.23 2.58 0.00	57.70 2.00 0.00	62.33 1.34 0.00	68.63 2.96 0.00	75.29 2.82 0.00	83.93 4.00 0.00	89.47 4.74 0.00	85.67 3.85 0.00	84.47 3.25 0.00	74.65 2.17 0.00	66.79 0.99 0.00	56.66 1.05 0.00	51.40 0.96 0.00
CHATEAUG_35_KV_LOAD 355732	48.36 0.14 0.00	42.28 0.00 0.00	38.38 -0.15 0.00	37.83 -0.11 0.00	35.68 -0.18 0.00	36.71 -0.22 0.00	37.48 -0.19 0.00	37.08 0.04 0.00	41.84 0.21 0.00	45.60 0.23 0.00	48.82 0.05 0.00	52.70 0.05 0.00	55.76 0.06 0.00	61.11 0.12 0.00	65.74 0.07 0.00	71.74 -0.72 0.00	79.06 -0.88 0.00	82.70 -2.03 0.00	80.74 -1.15 -0.06	80.57 -0.65 0.00	72.04 -0.43 0.00	65.87 0.07 0.00	55.27 -0.33 0.00	50.04 -0.40 0.00
CHATEAUG_WT_PWR 323614	48.17 -0.05 0.00	42.15 -0.13 0.00	38.27 -0.27 0.00	37.71 -0.23 0.00	35.61 -0.25 0.00	36.63 -0.30 0.00	37.40 -0.26 0.00	37.01 -0.04 0.00	41.75 0.13 0.00	45.55 0.18 0.00	48.77 0.00 0.00	52.60 -0.05 0.00	55.70 0.00 0.00	61.05 0.06 0.00	65.22 -0.46 0.00	71.67 -0.80 0.00	79.06 -0.88 0.00	82.95 -1.78 0.00	80.53 -1.31 -0.03	80.33 -0.89 0.00	71.75 -0.72 0.00	65.61 -0.20 0.00	55.11 -0.50 0.00	49.89 -0.55 0.00
CHAT_HIGH_FALL_HYD 323578	48.36 0.14 0.00	42.28 0.00 0.00	38.38 -0.15 0.00	37.83 -0.11 0.00	35.68 -0.18 0.00	36.71 -0.22 0.00	37.48 -0.19 0.00	37.08 0.04 0.00	41.84 0.21 0.00	45.60 0.23 0.00	48.82 0.05 0.00	52.70 0.05 0.00	55.76 0.06 0.00	61.11 0.12 0.00	65.74 0.07 0.00	71.74 -0.72 0.00	79.06 -0.88 0.00	82.70 -2.03 0.00	80.74 -1.15 -0.06	80.57 -0.65 0.00	72.04 -0.43 0.00	65.87 0.07 0.00	55.27 -0.33 0.00	50.04 -0.40 0.00
CHAUTAUQUA___LFGE 323629	49.33 1.11 0.00	42.53 0.26 0.00	38.50 -0.04 0.00	37.18 -0.76 0.00	35.18 -0.68 0.00	36.08 -0.85 0.00	37.21 -0.45 0.00	36.97 -0.07 0.00	41.75 0.13 0.00	45.51 0.14 0.00	49.94 1.17 0.00	55.86 3.21 0.00	58.37 2.67 0.00	63.06 2.07 0.00	69.42 3.74 0.00	76.08 3.62 0.00	84.98 5.04 0.00	90.57 5.84 0.00	86.73 4.91 0.00	85.52 4.30 0.00	75.52 3.04 0.00	67.45 1.65 0.00	57.05 1.44 0.00	51.60 1.16 0.00
CHERRYST_13_KV_LD 356241	50.53 2.31 0.00	45.11 2.83 0.00	41.23 2.70 0.00	40.37 2.43 0.00	38.12 2.26 0.00	39.33 2.40 0.00	40.15 2.49 0.00	39.41 2.37 0.00	44.29 2.66 0.00	48.14 2.77 0.00	51.70 2.93 0.00	55.44 2.79 0.00	58.54 2.84 0.00	63.92 2.93 0.00	68.70 3.02 0.00	76.88 4.42 0.00	84.49 4.56 0.00	90.83 6.10 0.00	86.57 4.75 0.00	85.20 3.98 0.00	75.52 3.04 0.00	67.78 1.97 0.00	58.05 2.45 0.00	53.12 2.67 0.00

CHESTROR_138KV_BK263 355645	49.52 1.30 0.00	44.01 1.73 0.00	40.31 1.77 0.00	39.57 1.63 0.00	37.37 1.51 0.00	38.55 1.62 0.00	39.28 1.62 0.00	38.49 1.44 0.00	43.17 1.54 0.00	46.91 1.54 0.00	50.38 1.61 0.00	54.13 1.47 0.00	57.32 1.62 0.00	62.70 1.71 0.00	67.51 1.84 0.00	75.22 2.75 0.00	82.90 2.96 0.00	88.97 4.24 0.00	85.09 3.27 0.00	83.90 2.68 0.00	74.58 2.10 0.00	67.19 1.38 0.00	57.22 1.61 0.00	52.16 1.72 0.00
CH_MIDHUDSON___DRP 24192	49.85 1.64 0.00	44.35 2.07 0.00	40.58 2.04 0.00	39.84 1.90 0.00	37.62 1.76 0.00	38.85 1.92 0.00	39.55 1.88 0.00	38.71 1.67 0.00	43.50 1.87 0.00	47.23 1.86 0.00	50.67 1.90 0.00	54.44 1.79 0.00	57.59 1.89 0.00	63.06 2.07 0.00	67.91 2.23 0.00	75.72 3.26 0.00	83.46 3.52 0.00	89.65 4.91 0.00	85.75 3.93 0.00	84.47 3.25 0.00	75.09 2.61 0.00	67.65 1.84 0.00	57.55 1.95 0.00	52.46 2.02 0.00
CH_MISC_IPPS 23765	50.15 1.93 0.00	44.64 2.37 0.00	40.85 2.31 0.00	40.06 2.12 0.00	37.80 1.94 0.00	39.03 2.10 0.00	39.73 2.07 0.00	38.93 1.89 0.00	43.63 2.00 0.00	47.42 2.04 0.00	50.87 2.10 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.61 2.62 0.00	68.83 3.15 0.00	76.37 3.91 0.00	84.17 4.23 0.00	90.41 5.68 0.00	86.48 4.66 0.00	85.28 4.06 0.00	75.74 3.26 0.00	68.31 2.50 0.00	58.00 2.39 0.00	52.66 2.22 0.00
CH_RES_BVR_FALLS 23983	48.22 0.00 0.00	42.19 -0.08 0.00	38.38 -0.15 0.00	37.83 -0.11 0.00	35.72 -0.14 0.00	36.78 -0.15 0.00	37.51 -0.15 0.00	36.97 -0.07 0.00	41.63 0.00 0.00	45.37 0.00 0.00	48.77 0.00 0.00	52.60 -0.05 0.00	55.65 -0.06 0.00	60.93 -0.06 0.00	65.48 -0.20 0.00	72.17 -0.29 0.00	79.54 -0.40 0.00	84.05 -0.68 0.00	81.33 -0.49 0.00	80.82 -0.40 0.00	72.12 -0.36 0.00	65.54 -0.26 0.00	55.22 -0.39 0.00	49.99 -0.45 0.00
CH_RES_NIAGARA 23895	47.15 -1.06 0.00	40.88 -1.40 0.00	36.99 -1.54 0.00	35.78 -2.16 0.00	34.43 -1.43 0.00	34.67 -2.25 0.00	35.71 -1.96 0.00	35.60 -1.44 0.00	39.46 -2.16 0.00	43.33 -2.04 0.00	47.46 -1.32 0.00	52.07 -0.58 0.00	55.70 0.00 0.00	60.13 -0.85 0.00	64.75 -0.92 0.00	72.17 -0.29 0.00	80.26 0.32 0.00	86.09 1.36 0.00	82.23 0.41 0.00	81.06 -0.16 0.00	71.83 -0.65 0.00	64.29 -1.51 0.00	54.55 -1.06 0.00	48.88 -1.56 0.00
CH_RES_SYRACUSE 23985	48.73 -0.34 -0.85	41.85 -0.42 0.00	38.15 -0.39 0.00	37.52 -0.42 0.00	35.43 -0.43 0.00	36.45 -0.48 0.00	37.29 -0.38 0.00	36.64 -0.41 0.00	41.17 -0.46 0.00	45.01 -0.36 0.00	48.58 -0.19 0.00	53.19 0.11 -0.43	55.65 -0.06 0.00	61.34 -0.06 -0.41	66.56 0.33 -0.56	73.73 0.51 -0.76	81.62 0.56 -1.12	87.27 1.10 -1.44	84.29 1.23 -1.24	83.13 0.65 -1.26	73.86 0.51 -0.87	66.70 0.13 -0.76	55.55 -0.06 0.00	50.70 -0.05 -0.30
CLINTON_WT_PWR 323605	48.17 -0.05 0.00	42.15 -0.13 0.00	38.27 -0.27 0.00	37.71 -0.23 0.00	35.61 -0.25 0.00	36.63 -0.30 0.00	37.40 -0.26 0.00	37.01 -0.04 0.00	41.75 0.13 0.00	45.55 0.18 0.00	48.77 0.00 0.00	52.60 -0.05 0.00	55.70 0.00 0.00	61.05 0.06 0.00	65.22 -0.46 0.00	71.67 -0.80 0.00	79.06 -0.88 0.00	82.95 -1.78 0.00	80.53 -1.31 -0.03	80.33 -0.89 0.00	71.75 -0.72 0.00	65.61 -0.20 0.00	55.11 -0.50 0.00	49.89 -0.55 0.00
CLINTON___LFGE 323618	48.51 0.29 0.00	42.53 0.26 0.00	38.57 0.04 0.00	38.01 0.08 0.00	35.90 0.04 0.00	36.89 -0.04 0.00	37.66 0.00 0.00	37.27 0.22 0.00	42.04 0.42 0.00	45.87 0.50 0.00	49.02 0.25 0.00	52.92 0.26 0.00	56.04 0.34 0.00	61.42 0.43 0.00	65.67 0.00 0.00	72.17 -0.29 0.00	79.62 -0.32 0.00	83.80 -0.93 0.00	81.37 -0.49 -0.04	80.98 -0.24 0.00	72.26 -0.22 0.00	66.07 0.26 0.00	55.44 -0.17 0.00	50.14 -0.30 0.00
COBBLENY_34_KV_TB1 80064	48.60 0.39 0.00	42.11 -0.17 0.00	38.19 -0.35 0.00	36.91 -1.02 0.00	34.89 -0.97 0.00	35.78 -1.14 0.00	36.80 -0.87 0.00	36.67 -0.37 0.00	40.75 -0.87 0.00	44.78 -0.59 0.00	48.97 0.20 0.00	53.81 1.16 0.00	57.71 2.01 0.00	62.33 1.34 0.00	67.32 1.64 0.00	75.14 2.68 0.00	83.54 3.60 0.00	89.73 5.00 0.00	85.67 3.85 0.00	84.39 3.17 0.00	74.65 2.17 0.00	66.73 0.92 0.00	56.66 1.06 0.00	50.54 0.10 0.00
COFFEEN___115KV_TB3 355620	52.23 3.13 -0.88	44.73 2.45 0.00	40.73 2.20 0.00	39.87 1.93 0.00	37.91 2.04 0.00	38.92 1.99 0.00	39.62 1.96 0.00	38.82 1.78 0.00	43.29 1.67 0.00	47.37 2.00 0.00	50.77 2.00 0.00	55.36 2.26 -0.44	57.93 2.23 0.00	64.34 2.93 -0.43	69.14 2.89 -0.58	76.80 3.55 -0.78	86.05 4.96 -1.16	92.24 6.02 -1.50	90.82 7.61 -1.39	90.49 7.96 -1.31	80.26 6.89 -0.90	72.85 6.25 -0.79	59.67 4.06 0.00	53.79 3.03 -0.31
COLDSPRG_115KV_BK1 355956	49.08 0.87 0.00	42.53 0.25 0.00	38.73 0.19 0.00	37.37 -0.57 0.00	35.36 -0.50 0.00	36.30 -0.63 0.00	37.33 -0.34 0.00	37.26 0.22 0.00	41.42 -0.21 0.00	45.55 0.18 0.00	49.75 0.98 0.00	54.71 2.05 0.00	58.82 3.12 0.00	63.31 2.32 0.00	68.43 2.76 0.00	76.23 3.77 0.00	84.89 4.96 0.00	91.43 6.69 0.00	87.14 5.32 0.00	85.85 4.63 0.00	75.74 3.26 0.00	67.65 1.84 0.00	57.61 2.00 0.00	51.05 0.61 0.00
COLONIE_LFGE___ 323577	49.66 1.45 0.00	43.84 1.57 0.00	40.04 1.50 0.00	39.46 1.52 0.00	37.30 1.44 0.00	38.44 1.51 0.00	39.13 1.47 0.00	38.26 1.22 0.00	42.84 1.21 0.00	46.64 1.27 0.00	49.84 1.07 0.00	53.49 0.84 0.00	56.70 1.00 0.00	62.21 1.22 0.00	67.19 1.51 0.00	74.49 2.03 0.00	82.17 2.24 0.00	87.95 3.22 0.00	84.85 3.03 0.00	83.90 2.68 0.00	74.80 2.32 0.00	67.58 1.78 0.00	57.27 1.67 0.00	51.96 1.51 0.00
COOPERNY_115KV_TB1 80082	49.18 0.96 0.00	43.59 1.31 0.00	39.88 1.35 0.00	39.19 1.25 0.00	37.04 1.18 0.00	38.22 1.29 0.00	38.91 1.24 0.00	38.12 1.07 0.00	42.75 1.12 0.00	46.51 1.13 0.00	49.99 1.22 0.00	53.81 1.16 0.00	56.98 1.28 0.00	62.39 1.40 0.00	67.12 1.44 0.00	74.64 2.17 0.00	82.34 2.40 0.00	88.12 3.39 0.00	84.52 2.70 0.00	83.33 2.11 0.00	74.14 1.67 0.00	66.92 1.12 0.00	56.89 1.28 0.00	51.76 1.31 0.00
COPENHAGEN_WT_PWR 323753	51.60 2.46 -0.93	44.18 1.90 0.00	40.23 1.69 0.00	39.38 1.44 0.00	37.40 1.54 0.00	38.44 1.51 0.00	39.17 1.51 0.00	38.37 1.33 0.00	42.92 1.29 0.00	46.92 1.54 0.00	50.38 1.61 0.00	55.01 1.89 -0.47	57.43 1.73 0.00	63.70 2.26 -0.45	68.64 2.36 -0.61	76.11 2.82 -0.82	85.15 4.00 -1.22	91.22 4.91 -1.57	89.41 6.14 -1.45	88.85 6.25 -1.38	78.86 5.44 -0.95	71.50 4.87 -0.83	58.72 3.11 0.00	53.20 2.42 -0.33
CORNELL_____ 23752	49.32 1.11 0.00	43.12 0.85 0.00	39.35 0.81 0.00	38.62 0.68 0.00	36.54 0.68 0.00	37.55 0.63 0.00	38.42 0.75 0.00	37.71 0.67 0.00	42.17 0.54 0.00	46.05 0.68 0.00	49.55 0.78 0.00	53.76 1.11 0.00	57.04 1.34 0.00	62.45 1.46 0.00	67.32 1.64 0.00	74.93 2.46 0.00	82.90 2.96 0.00	88.80 4.07 0.00	86.16 4.34 0.00	85.04 3.82 0.00	75.81 3.33 0.00	68.31 2.50 0.00	57.50 1.89 0.00	51.91 1.46 0.00

CORONA V_69 KV_TB1 355595	49.81 1.69 0.09	45.40 3.13 0.00	41.62 3.08 0.00	40.52 2.58 0.00	38.23 2.37 0.00	39.55 2.62 0.00	40.23 2.56 0.00	39.56 2.52 0.00	44.63 3.00 0.00	47.69 2.31 0.00	52.19 3.41 0.00	56.02 3.37 0.00	58.10 2.40 0.00	63.73 2.74 0.00	68.76 3.09 0.00	76.88 4.42 0.00	84.09 4.16 0.00	91.35 6.19 -0.43	86.63 4.58 -0.23	84.71 3.49 0.01	74.49 2.61 0.60	66.85 1.71 0.66	57.27 1.84 0.18	53.72 3.28 0.00
CORTLAND_115KV_TB3 80093	48.84 0.63 0.00	42.78 0.51 0.00	39.04 0.50 0.00	38.36 0.42 0.00	36.26 0.39 0.00	37.30 0.37 0.00	38.12 0.45 0.00	37.41 0.37 0.00	41.88 0.25 0.00	45.73 0.36 0.00	49.26 0.49 0.00	53.39 0.74 0.00	56.59 0.89 0.00	61.96 0.98 0.00	66.79 1.12 0.00	74.20 1.74 0.00	82.02 2.08 0.00	87.78 3.05 0.00	84.85 3.03 0.00	83.82 2.60 0.00	74.72 2.25 0.00	67.39 1.58 0.00	56.83 1.22 0.00	51.35 0.91 0.00
COXSACKIE__GT 23611	50.53 2.31 0.00	44.56 2.28 0.00	40.54 2.00 0.00	39.95 2.01 0.00	37.69 1.83 0.00	38.88 1.96 0.00	39.51 1.85 0.00	38.56 1.52 0.00	42.27 1.71 1.06	44.52 1.50 2.35	46.55 1.27 3.49	49.05 1.16 4.76	51.14 1.22 5.78	54.87 1.53 7.65	58.36 2.04 9.35	63.20 2.53 11.80	82.79 2.87 0.02	88.04 5.00 1.69	86.04 4.83 0.61	85.92 4.96 0.25	76.39 3.91 0.00	69.23 3.42 0.00	58.22 2.61 0.00	52.51 2.07 0.00
CPV_VALLEY__CC1 323721	49.13 0.91 0.00	43.67 1.39 0.00	40.04 1.50 0.00	39.30 1.36 0.00	37.12 1.25 0.00	38.29 1.37 0.00	38.98 1.32 0.00	38.23 1.19 0.00	42.75 1.12 0.00	46.55 1.18 0.00	49.94 1.17 0.00	53.55 0.89 0.00	56.92 1.22 0.00	62.27 1.28 0.00	67.32 1.64 0.00	74.63 2.17 0.00	82.26 2.32 0.00	88.12 3.39 0.00	84.44 2.62 0.00	83.25 2.03 0.00	74.00 1.52 0.00	66.73 0.92 0.00	56.78 1.17 0.00	51.65 1.21 0.00
CPV_VALLEY__CC2 323722	49.13 0.91 0.00	43.67 1.39 0.00	40.04 1.50 0.00	39.30 1.36 0.00	37.12 1.25 0.00	38.29 1.37 0.00	38.98 1.32 0.00	38.23 1.19 0.00	42.75 1.12 0.00	46.55 1.18 0.00	49.94 1.17 0.00	53.55 0.89 0.00	56.92 1.22 0.00	62.27 1.28 0.00	67.32 1.64 0.00	74.63 2.17 0.00	82.26 2.32 0.00	88.12 3.39 0.00	84.44 2.62 0.00	83.25 2.03 0.00	74.00 1.52 0.00	66.73 0.92 0.00	56.78 1.17 0.00	51.65 1.21 0.00
CRESCENT__HYD 24018	49.66 1.45 0.00	43.84 1.57 0.00	40.04 1.50 0.00	39.46 1.52 0.00	37.30 1.44 0.00	38.44 1.51 0.00	39.13 1.47 0.00	38.26 1.22 0.00	42.84 1.21 0.00	46.64 1.27 0.00	49.84 1.07 0.00	53.49 0.84 0.00	56.70 1.00 0.00	62.21 1.22 0.00	67.19 1.51 0.00	74.49 2.03 0.00	82.17 2.24 0.00	87.95 3.22 0.00	84.85 3.03 0.00	83.90 2.68 0.00	74.80 2.32 0.00	67.58 1.78 0.00	57.27 1.67 0.00	51.96 1.51 0.00
CRICKET__VALLEY_CC1 323756	49.13 0.91 0.00	43.75 1.48 0.00	40.08 1.54 0.00	39.34 1.40 0.00	37.19 1.33 0.00	38.41 1.48 0.00	39.06 1.39 0.00	38.23 1.19 0.00	42.79 1.16 0.00	46.51 1.13 0.00	49.75 0.98 0.00	53.23 0.58 0.00	56.59 0.89 0.00	61.96 0.97 0.00	66.99 1.31 0.00	74.34 1.88 0.00	81.94 2.00 0.00	87.78 3.05 0.00	84.27 2.45 0.00	83.01 1.78 0.00	73.85 1.37 0.00	66.60 0.79 0.00	56.66 1.05 0.00	51.55 1.11 0.00
CRICKET__VALLEY_CC2 323757	49.13 0.91 0.00	43.75 1.48 0.00	40.08 1.54 0.00	39.34 1.40 0.00	37.19 1.33 0.00	38.41 1.48 0.00	39.06 1.39 0.00	38.23 1.19 0.00	42.79 1.16 0.00	46.51 1.13 0.00	49.75 0.98 0.00	53.23 0.58 0.00	56.59 0.89 0.00	61.96 0.97 0.00	66.99 1.31 0.00	74.34 1.88 0.00	81.94 2.00 0.00	87.78 3.05 0.00	84.27 2.45 0.00	83.01 1.78 0.00	73.85 1.37 0.00	66.60 0.79 0.00	56.66 1.05 0.00	51.55 1.11 0.00
CRICKET__VALLEY_CC3 323758	49.13 0.91 0.00	43.75 1.48 0.00	40.08 1.54 0.00	39.34 1.40 0.00	37.19 1.33 0.00	38.41 1.48 0.00	39.06 1.39 0.00	38.23 1.19 0.00	42.79 1.16 0.00	46.51 1.13 0.00	49.75 0.98 0.00	53.23 0.58 0.00	56.59 0.89 0.00	61.96 0.97 0.00	66.99 1.31 0.00	74.34 1.88 0.00	81.94 2.00 0.00	87.78 3.05 0.00	84.27 2.45 0.00	83.01 1.78 0.00	73.85 1.37 0.00	66.60 0.79 0.00	56.66 1.05 0.00	51.55 1.11 0.00
CRUCIBLE_METL_DRP 24180	48.68 -0.39 -0.85	41.85 -0.42 0.00	38.15 -0.39 0.00	37.48 -0.46 0.00	35.43 -0.43 0.00	36.45 -0.48 0.00	37.29 -0.38 0.00	36.64 -0.41 0.00	41.09 -0.54 0.00	45.01 -0.36 0.00	48.48 -0.29 0.00	52.97 -0.11 -0.43	55.65 -0.06 0.00	61.34 -0.06 -0.41	66.30 0.07 -0.56	73.65 0.43 -0.76	81.62 0.56 -1.12	87.36 1.19 -1.44	84.29 1.23 -1.24	83.13 0.65 -1.26	73.85 0.51 -0.87	66.63 0.07 -0.76	55.66 0.06 0.00	50.95 0.20 -0.30
DAHOWA__HYDRO 323763	50.67 2.46 0.00	44.68 2.41 0.00	40.73 2.20 0.00	40.06 2.12 0.00	37.87 2.01 0.00	39.03 2.10 0.00	39.77 2.11 0.00	38.86 1.81 0.00	43.59 1.96 0.00	47.37 1.99 0.00	50.48 1.71 0.00	54.29 1.63 0.00	57.54 1.84 0.00	63.06 2.07 0.00	68.23 2.56 0.00	75.65 3.18 0.00	83.54 3.60 0.00	89.73 5.00 0.00	86.89 5.07 0.00	86.01 4.79 0.00	76.83 4.35 0.00	69.42 3.62 0.00	58.72 3.11 0.00	53.07 2.62 0.00
DANC__LFGE 323619	50.70 1.30 -1.18	43.20 0.93 0.00	39.35 0.81 0.00	38.58 0.64 0.00	36.58 0.72 0.00	37.63 0.70 0.00	38.38 0.71 0.00	37.63 0.59 0.00	42.17 0.54 0.00	46.05 0.68 0.00	49.50 0.73 0.00	54.24 1.00 -0.59	56.54 0.84 0.00	62.66 1.10 -0.58	67.69 1.24 -0.77	75.11 1.59 -1.05	83.81 2.32 -1.55	89.70 2.96 -2.01	87.38 3.77 -1.79	86.71 3.74 -1.75	76.87 3.19 -1.21	69.69 2.83 -1.06	57.33 1.73 0.00	52.23 1.36 -0.42
DANSKAMMER__1 23586	50.15 1.93 0.00	44.64 2.37 0.00	40.85 2.31 0.00	40.06 2.12 0.00	37.80 1.94 0.00	39.03 2.10 0.00	39.73 2.07 0.00	38.93 1.89 0.00	43.63 2.00 0.00	47.42 2.04 0.00	50.87 2.10 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.61 2.62 0.00	68.83 3.15 0.00	76.37 3.91 0.00	84.17 4.23 0.00	90.41 5.68 0.00	86.48 4.66 0.00	85.28 4.06 0.00	75.74 3.26 0.00	68.31 2.50 0.00	58.00 2.39 0.00	52.66 2.22 0.00
DANSKAMMER__2 23589	50.15 1.93 0.00	44.64 2.37 0.00	40.85 2.31 0.00	40.06 2.12 0.00	37.80 1.94 0.00	39.03 2.10 0.00	39.73 2.07 0.00	38.93 1.89 0.00	43.63 2.00 0.00	47.42 2.04 0.00	50.87 2.10 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.61 2.62 0.00	68.83 3.15 0.00	76.37 3.91 0.00	84.17 4.23 0.00	90.41 5.68 0.00	86.48 4.66 0.00	85.28 4.06 0.00	75.74 3.26 0.00	68.31 2.50 0.00	58.00 2.39 0.00	52.66 2.22 0.00
DANSKAMMER__3 23590	50.15 1.93 0.00	44.64 2.37 0.00	40.85 2.31 0.00	40.06 2.12 0.00	37.80 1.94 0.00	39.03 2.10 0.00	39.73 2.07 0.00	38.93 1.89 0.00	43.63 2.00 0.00	47.42 2.04 0.00	50.87 2.10 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.61 2.62 0.00	68.83 3.15 0.00	76.37 3.91 0.00	84.17 4.23 0.00	90.41 5.68 0.00	86.48 4.66 0.00	85.28 4.06 0.00	75.74 3.26 0.00	68.31 2.50 0.00	58.00 2.39 0.00	52.66 2.22 0.00

DANSKAMMER___4 23591	50.15 1.93 0.00	44.64 2.37 0.00	40.85 2.31 0.00	40.06 2.12 0.00	37.80 1.94 0.00	39.03 2.10 0.00	39.73 2.07 0.00	38.93 1.89 0.00	43.63 2.00 0.00	47.42 2.04 0.00	50.87 2.10 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.61 2.62 0.00	68.83 3.15 0.00	76.37 3.91 0.00	84.17 4.23 0.00	90.41 5.68 0.00	86.48 4.66 0.00	85.28 4.06 0.00	75.74 3.26 0.00	68.31 2.50 0.00	58.00 2.39 0.00	52.66 2.22 0.00
DANSKAMMER___DIESEL 23592	50.19 1.98 0.00	44.64 2.37 0.00	40.85 2.31 0.00	40.06 2.12 0.00	37.80 1.94 0.00	39.03 2.10 0.00	39.74 2.07 0.00	38.93 1.89 0.00	43.75 2.12 0.00	47.50 2.13 0.00	50.97 2.19 0.00	54.81 2.16 0.00	58.04 2.34 0.00	63.61 2.62 0.00	68.50 2.82 0.00	76.38 3.91 0.00	84.17 4.24 0.00	90.49 5.76 0.00	86.48 4.66 0.00	85.28 4.06 0.00	75.74 3.26 0.00	68.24 2.43 0.00	58.00 2.39 0.00	52.81 2.37 0.00
DARBY___SOLAR 323810	50.48 2.27 0.00	44.47 2.20 0.00	40.58 2.04 0.00	39.91 1.97 0.00	37.72 1.86 0.00	38.88 1.96 0.00	39.62 1.96 0.00	38.71 1.67 0.00	43.42 1.79 0.00	47.19 1.82 0.00	50.29 1.51 0.00	54.07 1.42 0.00	57.26 1.56 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.36 2.90 0.00	83.22 3.28 0.00	89.30 4.57 0.00	86.48 4.66 0.00	85.61 4.38 0.00	76.39 3.91 0.00	69.09 3.29 0.00	58.44 2.83 0.00	52.82 2.37 0.00
DASHVILLE___HYD 23610	49.81 1.59 0.00	44.30 2.03 0.00	40.54 2.00 0.00	39.80 1.86 0.00	37.58 1.72 0.00	38.74 1.81 0.00	39.40 1.73 0.00	38.52 1.48 0.00	43.29 1.91 0.26	46.67 1.86 0.57	49.83 1.90 0.84	53.35 1.84 1.15	56.31 2.01 1.39	61.34 2.20 1.84	65.85 2.43 2.25	73.10 3.48 2.84	83.45 3.52 0.01	89.58 5.25 0.41	85.85 4.17 0.15	84.82 3.65 0.06	74.87 2.39 0.00	67.52 1.71 0.00	57.44 1.84 0.00	52.41 1.97 0.00
DELAWARE___LFGE 323621	49.57 1.35 0.00	43.67 1.40 0.00	39.96 1.43 0.00	39.42 1.48 0.00	37.30 1.43 0.00	38.40 1.48 0.00	39.13 1.47 0.00	38.19 1.15 0.00	42.84 1.21 0.00	46.69 1.32 0.00	50.24 1.46 0.00	54.23 1.58 0.00	57.48 1.78 0.00	62.94 1.95 0.00	67.71 2.04 0.00	75.22 2.75 0.00	83.14 3.20 0.00	88.80 4.07 0.00	85.42 3.60 0.00	84.39 3.17 0.00	75.23 2.75 0.00	67.98 2.17 0.00	57.44 1.84 0.00	52.06 1.61 0.00
DERFIELD_115KV_TB7 355931	48.36 0.14 0.00	42.49 0.21 0.00	38.77 0.23 0.00	38.17 0.23 0.00	36.11 0.25 0.00	37.19 0.26 0.00	37.89 0.23 0.00	37.19 0.15 0.00	41.75 0.12 0.00	45.51 0.14 0.00	48.92 0.15 0.00	52.76 0.11 0.00	55.81 0.11 0.00	61.17 0.18 0.00	65.81 0.13 0.00	72.82 0.36 0.00	80.42 0.48 0.00	85.49 0.76 0.00	82.39 0.57 0.00	81.71 0.49 0.00	72.84 0.36 0.00	66.00 0.20 0.00	55.77 0.17 0.00	50.60 0.15 0.00
DOGLEVILLE___HYD 23807	47.35 -0.87 0.00	41.56 -0.72 0.00	37.92 -0.62 0.00	37.33 -0.61 0.00	35.32 -0.54 0.00	36.37 -0.55 0.00	37.06 -0.60 0.00	36.34 -0.70 0.00	40.80 -0.83 0.00	44.56 -0.82 0.00	47.85 -0.93 0.00	51.65 -1.00 0.00	54.64 -1.06 0.00	59.89 -1.10 0.00	64.43 -1.25 0.00	71.30 -1.16 0.00	78.66 -1.28 0.00	83.63 -1.10 0.00	80.67 -1.15 0.00	80.00 -1.22 0.00	71.25 -1.23 0.00	64.49 -1.32 0.00	54.44 -1.17 0.00	49.28 -1.16 0.00
DUNKIRK___115KV_TB_200 55889	48.99 0.77 0.00	42.40 0.13 0.00	38.50 -0.04 0.00	37.18 -0.76 0.00	35.18 -0.68 0.00	36.04 -0.89 0.00	37.06 -0.60 0.00	36.93 -0.11 0.00	41.05 -0.58 0.00	45.19 -0.18 0.00	49.41 0.63 0.00	54.34 1.68 0.00	58.26 2.56 0.00	62.94 1.95 0.00	67.97 2.30 0.00	75.80 3.33 0.00	84.33 4.40 0.00	90.66 5.93 0.00	86.57 4.75 0.00	85.36 4.14 0.00	75.38 2.90 0.00	67.32 1.51 0.00	56.94 1.33 0.00	50.70 0.25 0.00
DUNKIRK___1 23563	48.99 0.77 0.00	42.40 0.13 0.00	38.50 -0.04 0.00	37.18 -0.76 0.00	35.18 -0.68 0.00	36.04 -0.89 0.00	37.06 -0.60 0.00	36.93 -0.11 0.00	41.05 -0.58 0.00	45.19 -0.18 0.00	49.41 0.63 0.00	54.34 1.68 0.00	58.26 2.56 0.00	62.94 1.95 0.00	67.97 2.30 0.00	75.80 3.33 0.00	84.33 4.40 0.00	90.66 5.93 0.00	86.57 4.75 0.00	85.36 4.14 0.00	75.38 2.90 0.00	67.32 1.51 0.00	56.94 1.33 0.00	50.70 0.25 0.00
DUNKIRK___2 23564	48.99 0.77 0.00	42.40 0.13 0.00	38.50 -0.04 0.00	37.18 -0.76 0.00	35.18 -0.68 0.00	36.04 -0.89 0.00	37.06 -0.60 0.00	36.93 -0.11 0.00	41.05 -0.58 0.00	45.19 -0.18 0.00	49.41 0.63 0.00	54.34 1.68 0.00	58.26 2.56 0.00	62.94 1.95 0.00	67.97 2.30 0.00	75.80 3.33 0.00	84.33 4.40 0.00	90.66 5.93 0.00	86.57 4.75 0.00	85.36 4.14 0.00	75.38 2.90 0.00	67.32 1.51 0.00	56.94 1.33 0.00	50.70 0.25 0.00
DUNKIRK___3 23565	48.79 0.58 0.00	42.23 -0.04 0.00	38.34 -0.19 0.00	37.03 -0.91 0.00	35.04 -0.82 0.00	35.93 -1.00 0.00	36.91 -0.75 0.00	36.78 -0.26 0.00	40.84 -0.79 0.00	44.92 -0.45 0.00	49.16 0.39 0.00	54.02 1.37 0.00	57.93 2.23 0.00	62.57 1.59 0.00	67.51 1.84 0.00	75.36 2.90 0.00	83.86 3.92 0.00	90.07 5.34 0.00	85.99 4.17 0.00	84.80 3.57 0.00	74.94 2.46 0.00	66.99 1.18 0.00	56.72 1.11 0.00	50.54 0.10 0.00
DUNKIRK___4 23566	48.79 0.58 0.00	42.23 -0.04 0.00	38.34 -0.19 0.00	37.03 -0.91 0.00	35.04 -0.82 0.00	35.93 -1.00 0.00	36.91 -0.75 0.00	36.78 -0.26 0.00	40.84 -0.79 0.00	44.92 -0.45 0.00	49.16 0.39 0.00	54.02 1.37 0.00	57.93 2.23 0.00	62.57 1.59 0.00	67.51 1.84 0.00	75.36 2.90 0.00	83.86 3.92 0.00	90.07 5.34 0.00	85.99 4.17 0.00	84.80 3.57 0.00	74.94 2.46 0.00	66.99 1.18 0.00	56.72 1.11 0.00	50.54 0.10 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.10 1.88 0.00	44.68 2.41 0.00	40.89 2.35 0.00	40.06 2.12 0.00	37.83 1.97 0.00	39.07 2.14 0.00	39.81 2.15 0.00	39.04 2.00 0.00	43.88 2.25 0.00	47.64 2.27 0.00	51.21 2.44 0.00	54.97 2.32 0.00	58.04 2.34 0.00	63.43 2.44 0.00	68.24 2.56 0.00	76.23 3.77 0.00	83.86 3.92 0.00	90.15 5.42 0.00	85.99 4.17 0.00	84.63 3.41 0.00	75.09 2.61 0.00	67.52 1.71 0.00	57.66 2.06 0.00	52.76 2.32 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	49.81 1.59 0.00	44.30 2.03 0.00	40.58 2.04 0.00	39.80 1.86 0.00	37.58 1.72 0.00	38.77 1.85 0.00	39.51 1.85 0.00	38.71 1.67 0.00	43.46 1.83 0.00	47.19 1.81 0.00	50.63 1.85 0.00	54.44 1.79 0.00	57.65 1.95 0.00	63.12 2.13 0.00	67.97 2.30 0.00	75.80 3.33 0.00	83.46 3.52 0.00	89.73 5.00 0.00	85.75 3.93 0.00	84.55 3.33 0.00	75.09 2.61 0.00	67.65 1.84 0.00	57.55 1.95 0.00	52.46 2.02 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.63 2.41 -0.01	45.20 2.92 -0.01	41.32 2.77 -0.01	40.45 2.50 -0.01	38.24 2.37 -0.01	39.45 2.51 -0.01	40.11 2.45 0.00	39.19 2.15 0.00	43.83 2.21 0.00	47.73 2.36 0.00	51.06 2.29 0.00	54.81 2.16 0.00	57.82 2.12 0.00	63.11 2.13 0.01	68.03 2.36 0.01	76.15 3.70 0.01	83.69 3.76 0.01	89.98 5.25 0.01	85.82 4.01 0.01	84.46 3.25 0.01	74.93 2.46 0.01	67.31 1.51 0.01	57.83 2.22 0.00	53.22 2.77 0.00

E179THST_13_KV_LOAD 356214	50.97 2.75 -0.01	45.45 3.17 -0.01	41.55 3.01 -0.01	40.68 2.73 -0.01	38.42 2.55 -0.01	39.63 2.70 -0.01	40.30 2.64 0.00	39.41 2.37 0.00	44.08 2.46 0.00	48.00 2.63 0.00	51.36 2.58 0.00	55.18 2.53 0.00	58.21 2.51 0.00	63.54 2.56 0.01	68.49 2.82 0.01	76.66 4.20 0.01	84.33 4.40 0.01	90.65 5.93 0.01	86.48 4.66 0.01	85.03 3.82 0.01	75.44 2.97 0.01	67.77 1.97 0.01	58.16 2.56 0.00	53.52 3.08 0.00
EAST HAMPTON___GT 23717	50.46 3.09 0.84	47.01 4.73 0.00	43.20 4.66 0.00	41.81 3.87 0.00	39.41 3.55 0.00	40.84 3.91 0.00	41.39 3.73 0.00	40.82 3.78 0.00	45.67 4.04 0.00	48.68 3.31 0.00	53.42 4.64 -0.01	55.86 3.21 0.00	60.34 4.79 0.15	65.94 5.49 0.53	71.62 6.63 0.69	79.61 7.68 0.53	87.74 8.39 0.59	94.60 10.93 1.07	90.60 9.24 0.47	87.31 6.99 0.89	71.04 4.57 6.00	62.29 3.35 6.87	56.99 3.11 1.73	53.68 3.23 0.00
EAST RIVER___6 23660	50.24 2.02 0.00	44.90 2.62 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.98 2.12 0.00	39.18 2.25 0.00	39.92 2.26 0.00	39.23 2.18 0.00	43.92 2.29 0.00	47.82 2.45 0.00	51.26 2.49 0.00	54.65 2.00 0.00	58.15 2.45 0.00	63.55 2.56 0.00	68.56 2.89 0.00	76.37 3.91 0.00	84.01 4.07 0.00	90.16 5.43 0.00	86.07 4.25 0.00	84.71 3.49 0.00	75.08 2.61 0.00	67.51 1.71 0.00	57.72 2.11 0.00	52.61 2.17 0.00
EAST RIVER___7 23524	50.24 2.02 0.00	44.90 2.62 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.98 2.12 0.00	39.18 2.25 0.00	39.92 2.26 0.00	39.23 2.18 0.00	43.92 2.29 0.00	47.82 2.45 0.00	51.26 2.49 0.00	54.65 2.00 0.00	58.15 2.45 0.00	63.55 2.56 0.00	68.56 2.89 0.00	76.37 3.91 0.00	84.01 4.07 0.00	90.16 5.43 0.00	86.07 4.25 0.00	84.71 3.49 0.00	75.08 2.61 0.00	67.51 1.71 0.00	57.72 2.11 0.00	52.61 2.17 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.00 1.78 0.00	44.56 2.28 0.00	40.81 2.27 0.00	39.99 2.05 0.00	37.76 1.90 0.00	39.00 2.07 0.00	39.74 2.07 0.00	38.97 1.93 0.00	43.75 2.12 0.00	47.50 2.13 0.00	51.06 2.29 0.00	54.81 2.16 0.00	57.93 2.23 0.00	63.31 2.32 0.00	68.10 2.43 0.00	76.09 3.62 0.00	83.70 3.76 0.00	89.90 5.17 0.00	85.83 4.01 0.00	84.47 3.25 0.00	75.01 2.54 0.00	67.45 1.65 0.00	57.55 1.95 0.00	52.66 2.22 0.00
EAST_HAMPTON___DIESEL 23722	50.46 3.09 0.84	47.01 4.73 0.00	43.20 4.66 0.00	41.85 3.91 0.00	39.45 3.59 0.00	40.84 3.91 0.00	41.39 3.73 0.00	40.82 3.78 0.00	45.67 4.04 0.00	48.68 3.31 0.00	53.36 4.58 -0.01	55.81 3.16 0.00	60.28 4.73 0.15	65.94 5.49 0.53	71.62 6.63 0.69	79.61 7.68 0.53	87.74 8.39 0.59	94.60 10.93 1.07	90.60 9.24 0.47	87.31 6.99 0.89	70.97 4.50 6.00	62.23 3.29 6.87	56.99 3.11 1.73	53.68 3.23 0.00
EAST_POINT___SOLAR 323840	53.28 5.06 0.00	46.71 4.44 0.00	42.54 4.01 0.00	41.81 3.87 0.00	39.52 3.66 0.00	40.66 3.73 0.00	40.98 3.32 0.00	39.63 2.59 0.00	44.42 2.79 0.00	48.28 2.91 0.00	51.80 3.02 0.00	55.39 2.74 0.00	58.87 3.17 0.00	64.77 3.78 0.00	69.94 4.27 0.00	77.46 5.00 0.00	86.09 6.16 0.00	92.69 7.96 0.00	89.60 7.78 0.00	90.56 9.34 0.00	81.54 9.06 0.00	73.76 7.96 0.00	62.05 6.45 0.00	55.94 5.50 0.00
EAST_PULASKI___ESR 323781	50.18 0.19 -1.77	42.28 0.00 0.00	38.54 0.00 0.00	37.83 -0.11 0.00	35.83 -0.04 0.00	36.82 -0.11 0.00	37.63 -0.04 0.00	36.93 -0.11 0.00	41.46 -0.17 0.00	45.28 -0.09 0.00	48.72 -0.05 0.00	53.76 0.21 -0.89	55.59 -0.11 0.00	61.79 -0.06 -0.87	66.97 0.13 -1.16	74.33 0.29 -1.58	82.91 0.64 -2.33	88.84 1.10 -3.01	85.92 1.47 -2.63	85.08 1.22 -2.63	75.31 1.01 -1.82	68.12 0.73 -1.59	55.94 0.34 0.00	51.43 0.36 -0.63
EAST_RIVER___1 323558	50.29 2.07 0.00	44.94 2.66 0.00	41.12 2.58 0.00	40.25 2.31 0.00	38.01 2.15 0.00	39.22 2.29 0.00	40.00 2.34 0.00	39.26 2.22 0.00	44.00 2.37 0.00	47.91 2.54 0.00	51.36 2.58 0.00	54.76 2.11 0.00	58.26 2.56 0.00	63.67 2.68 0.00	68.70 3.02 0.00	76.45 3.98 0.00	84.17 4.23 0.00	90.32 5.59 0.00	86.24 4.42 0.00	84.88 3.66 0.00	75.23 2.75 0.00	67.65 1.84 0.00	57.83 2.23 0.00	52.72 2.27 0.00
EAST_RIVER___2 323559	50.24 2.02 0.00	44.90 2.62 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.98 2.12 0.00	39.18 2.25 0.00	39.92 2.26 0.00	39.23 2.18 0.00	43.92 2.29 0.00	47.82 2.45 0.00	51.26 2.49 0.00	54.65 2.00 0.00	58.15 2.45 0.00	63.55 2.56 0.00	68.56 2.89 0.00	76.37 3.91 0.00	84.01 4.07 0.00	90.16 5.43 0.00	86.07 4.25 0.00	84.71 3.49 0.00	75.08 2.61 0.00	67.51 1.71 0.00	57.72 2.11 0.00	52.61 2.17 0.00
EAST___DELAWARE_HYD 23607	49.71 1.50 0.00	44.18 1.90 0.00	40.39 1.85 0.00	39.65 1.71 0.00	37.40 1.54 0.00	38.63 1.70 0.00	39.28 1.62 0.00	38.49 1.44 0.00	43.04 1.50 0.08	46.73 1.54 0.18	50.06 1.56 0.27	53.60 1.32 0.37	57.03 1.78 0.45	62.40 2.01 0.60	67.44 2.50 0.73	74.73 3.18 0.92	83.62 3.68 0.00	89.60 5.00 0.13	85.94 4.17 0.05	84.94 3.74 0.02	75.52 3.04 0.00	68.11 2.30 0.00	57.72 2.11 0.00	52.36 1.92 0.00
EIGHT_POINT___WT_PWR 323820	49.71 1.50 0.00	43.08 0.80 0.00	39.19 0.65 0.00	38.09 0.15 0.00	36.01 0.14 0.00	36.96 0.04 0.00	38.00 0.34 0.00	37.34 0.29 0.00	41.75 0.13 0.00	45.55 0.18 0.00	49.50 0.73 0.00	54.86 2.21 0.00	57.54 1.84 0.00	62.27 1.28 0.00	68.23 2.56 0.00	75.07 2.60 0.00	83.54 3.60 0.00	89.39 4.66 0.00	86.56 4.74 0.00	85.69 4.46 0.00	76.32 3.84 0.00	68.24 2.44 0.00	57.67 2.06 0.00	52.06 1.61 0.00
ELBRIDGE_115KV_TB2 80188	48.74 -0.34 -0.86	41.85 -0.42 0.00	38.15 -0.39 0.00	37.48 -0.46 0.00	35.47 -0.39 0.00	36.45 -0.48 0.00	37.29 -0.38 0.00	36.64 -0.41 0.00	41.09 -0.54 0.00	44.92 -0.45 0.00	48.43 -0.34 0.00	52.93 -0.16 -0.44	55.65 -0.06 0.00	61.29 -0.12 -0.42	66.17 -0.07 -0.57	73.59 0.36 -0.77	81.55 0.48 -1.14	87.39 1.19 -1.47	84.23 1.15 -1.26	83.15 0.65 -1.28	73.87 0.51 -0.88	66.65 0.07 -0.77	55.61 0.00 0.00	50.70 -0.05 -0.31
ELEC_TRO_TEK 24086	49.27 1.25 0.20	45.02 2.75 0.00	41.31 2.77 0.00	40.25 2.31 0.00	37.98 2.12 0.00	39.25 2.33 0.00	39.96 2.30 0.00	39.30 2.26 0.00	44.33 2.71 0.00	47.32 1.95 0.00	51.80 3.02 0.00	55.60 2.95 0.00	57.54 1.84 0.00	63.12 2.13 0.00	67.97 2.30 0.00	76.01 3.55 0.00	83.14 3.20 0.00	89.82 5.08 0.00	85.42 3.60 0.00	83.81 2.60 0.01	72.88 1.81 1.41	65.29 1.05 1.56	56.48 1.28 0.41	53.27 2.82 0.00
ELLENBURG_WT_PWR 323604	48.17 -0.05 0.00	42.15 -0.13 0.00	38.27 -0.27 0.00	37.71 -0.23 0.00	35.61 -0.25 0.00	36.63 -0.30 0.00	37.40 -0.26 0.00	37.01 -0.04 0.00	41.75 0.13 0.00	45.55 0.18 0.00	48.77 0.00 0.00	52.60 -0.05 0.00	55.70 0.00 0.00	61.05 0.06 0.00	65.22 -0.46 0.00	71.67 -0.80 0.00	79.06 -0.88 0.00	82.95 -1.78 0.00	80.53 -1.31 -0.03	80.33 -0.89 0.00	71.75 -0.72 0.00	65.61 -0.20 0.00	55.11 -0.50 0.00	49.89 -0.55 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	48.36 0.14 0.00	41.94 -0.34 0.00	38.00 -0.54 0.00	36.72 -1.21 0.00	34.75 -1.11 0.00	35.63 -1.29 0.00	36.65 -1.02 0.00	36.49 -0.56 0.00	40.50 -1.12 0.00	44.46 -0.91 0.00	48.67 -0.10 0.00	53.44 0.79 0.00	57.26 1.56 0.00	61.84 0.85 0.00	66.73 1.05 0.00	74.42 1.96 0.00	82.74 2.80 0.00	88.88 4.15 0.00	84.93 3.11 0.00	83.66 2.44 0.00	74.07 1.59 0.00	66.27 0.46 0.00	56.16 0.56 0.00	50.19 -0.25 0.00
EMPIRE_CC_1 323656	48.60 0.38 0.00	43.04 0.76 0.00	39.35 0.81 0.00	38.77 0.83 0.00	36.69 0.83 0.00	37.85 0.92 0.00	38.53 0.87 0.00	37.63 0.59 0.00	42.09 0.46 0.00	45.78 0.41 0.00	48.92 0.15 0.00	52.44 -0.21 0.00	55.53 -0.17 0.00	60.87 -0.12 0.00	65.74 0.07 0.00	72.83 0.36 0.00	80.26 0.32 0.00	85.83 1.10 0.00	82.81 0.99 0.00	81.71 0.49 0.00	72.84 0.36 0.00	65.87 0.07 0.00	55.94 0.34 0.00	50.80 0.36 0.00
EMPIRE_CC_2 323658	48.60 0.38 0.00	43.04 0.76 0.00	39.35 0.81 0.00	38.77 0.83 0.00	36.69 0.83 0.00	37.85 0.92 0.00	38.53 0.87 0.00	37.63 0.59 0.00	42.09 0.46 0.00	45.78 0.41 0.00	48.92 0.15 0.00	52.44 -0.21 0.00	55.53 -0.17 0.00	60.87 -0.12 0.00	65.74 0.07 0.00	72.83 0.36 0.00	80.26 0.32 0.00	85.83 1.10 0.00	82.81 0.99 0.00	81.71 0.49 0.00	72.84 0.36 0.00	65.87 0.07 0.00	55.94 0.34 0.00	50.80 0.36 0.00
ENORWICH_115KV_TB1 80156	52.31 4.10 0.00	45.66 3.38 0.00	41.70 3.16 0.00	40.82 2.88 0.00	38.73 2.87 0.00	39.84 2.92 0.00	40.64 2.98 0.00	39.86 2.82 0.00	44.38 2.75 0.00	48.59 3.22 0.00	52.19 3.41 0.00	56.76 4.11 0.00	60.32 4.62 0.00	66.42 5.43 0.00	71.19 5.52 0.00	79.56 7.10 0.00	88.57 8.63 0.00	94.98 10.25 0.00	92.54 10.72 0.00	91.54 10.32 0.00	81.32 8.84 0.00	73.18 7.37 0.00	61.00 5.39 0.00	54.63 4.19 0.00
ERIE_ST__34_KV_TB1-2 80199	48.26 0.05 0.00	41.81 -0.47 0.00	37.96 -0.58 0.00	36.65 -1.29 0.00	34.64 -1.22 0.00	35.60 -1.33 0.00	36.57 -1.09 0.00	36.49 -0.56 0.00	40.55 -1.08 0.00	44.51 -0.86 0.00	48.72 -0.05 0.00	53.55 0.90 0.00	57.48 1.78 0.00	62.09 1.10 0.00	67.12 1.44 0.00	74.93 2.46 0.00	83.30 3.36 0.00	89.56 4.83 0.00	85.42 3.60 0.00	84.06 2.84 0.00	74.36 1.88 0.00	66.40 0.59 0.00	56.44 0.83 0.00	50.29 -0.15 0.00
ERIE_WT_PWR 323693	48.84 0.63 0.00	42.15 -0.13 0.00	38.11 -0.42 0.00	36.84 -1.10 0.00	34.89 -0.97 0.00	35.78 -1.15 0.00	36.91 -0.75 0.00	36.64 -0.41 0.00	41.34 -0.29 0.00	44.96 -0.41 0.00	49.31 0.54 0.00	55.07 2.42 0.00	57.54 1.84 0.00	62.14 1.16 0.00	68.43 2.76 0.00	75.00 2.53 0.00	83.70 3.76 0.00	89.13 4.40 0.00	85.42 3.60 0.00	84.23 3.01 0.00	74.50 2.03 0.00	66.60 0.79 0.00	56.49 0.89 0.00	51.35 0.91 0.00
ESPRGFLD_115KV_TB1 80157	51.98 3.76 0.00	45.61 3.34 0.00	41.66 3.12 0.00	40.97 3.04 0.00	38.80 2.94 0.00	39.92 2.99 0.00	40.64 2.98 0.00	39.67 2.63 0.00	44.46 2.83 0.00	48.50 3.13 0.00	52.14 3.37 0.00	56.28 3.63 0.00	59.77 4.07 0.00	65.62 4.64 0.00	70.53 4.86 0.00	78.40 5.94 0.00	86.89 6.95 0.00	93.20 8.47 0.00	90.00 8.18 0.00	89.43 8.20 0.00	79.73 7.25 0.00	72.06 6.25 0.00	60.61 5.00 0.00	54.63 4.19 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	49.28 1.06 0.00	43.08 0.80 0.00	39.31 0.77 0.00	38.58 0.64 0.00	36.47 0.61 0.00	37.52 0.59 0.00	38.38 0.72 0.00	37.64 0.59 0.00	42.09 0.46 0.00	46.01 0.64 0.00	49.50 0.73 0.00	53.70 1.05 0.00	56.93 1.23 0.00	62.33 1.34 0.00	67.18 1.51 0.00	74.78 2.32 0.00	82.74 2.80 0.00	88.63 3.90 0.00	85.91 4.09 0.00	84.80 3.57 0.00	75.67 3.19 0.00	68.17 2.37 0.00	57.39 1.78 0.00	51.81 1.36 0.00
ETNA____115KV_TB2 80207	49.28 1.06 0.00	43.08 0.80 0.00	39.31 0.77 0.00	38.58 0.64 0.00	36.47 0.61 0.00	37.52 0.59 0.00	38.38 0.72 0.00	37.64 0.59 0.00	42.09 0.46 0.00	46.01 0.64 0.00	49.50 0.73 0.00	53.70 1.05 0.00	56.93 1.23 0.00	62.33 1.34 0.00	67.18 1.51 0.00	74.78 2.32 0.00	82.74 2.80 0.00	88.63 3.90 0.00	85.91 4.09 0.00	84.80 3.57 0.00	75.67 3.19 0.00	68.17 2.37 0.00	57.39 1.78 0.00	51.81 1.36 0.00
EUCLID___115KV_TB2 356179	48.00 -0.63 -0.41	41.64 -0.63 0.00	38.00 -0.54 0.00	37.33 -0.61 0.00	35.29 -0.57 0.00	36.30 -0.63 0.00	37.10 -0.56 0.00	36.49 -0.56 0.00	40.88 -0.75 0.00	44.69 -0.68 0.00	48.19 -0.59 0.00	52.44 -0.42 0.00	55.31 -0.39 0.00	60.76 -0.43 -0.20	65.55 -0.39 -0.27	72.75 -0.07 -0.36	80.47 0.00 -0.54	86.02 0.59 -0.69	82.91 0.49 -0.60	81.91 0.08 -0.61	72.90 0.00 -0.42	65.78 -0.39 -0.37	55.22 -0.39 0.00	50.14 -0.45 -0.15
E_CANADA_CAP_HY 24051	53.08 4.87 0.00	46.59 4.31 0.00	42.47 3.93 0.00	41.73 3.79 0.00	39.48 3.62 0.00	40.62 3.69 0.00	41.24 3.58 0.00	40.19 3.15 0.00	45.04 3.41 0.00	48.96 3.58 0.00	52.53 3.76 0.00	56.55 3.90 0.00	59.99 4.29 0.00	65.87 4.88 0.00	71.12 5.45 0.00	78.76 6.30 0.00	87.37 7.44 0.00	93.97 9.24 0.00	90.90 9.08 0.00	90.80 9.58 0.00	81.17 8.69 0.00	73.37 7.56 0.00	61.78 6.17 0.00	55.74 5.30 0.00
E_CANADA_MHWK_HY 24050	47.30 -0.92 0.00	41.56 -0.72 0.00	37.92 -0.62 0.00	37.33 -0.61 0.00	35.32 -0.54 0.00	36.37 -0.55 0.00	37.06 -0.60 0.00	36.34 -0.70 0.00	40.80 -0.83 0.00	44.56 -0.82 0.00	47.84 -0.93 0.00	51.60 -1.05 0.00	54.64 -1.06 0.00	59.89 -1.10 0.00	64.49 -1.18 0.00	71.30 -1.16 0.00	78.66 -1.28 0.00	83.55 -1.19 0.00	80.67 -1.15 0.00	80.01 -1.22 0.00	71.24 -1.23 0.00	64.55 -1.25 0.00	54.44 -1.17 0.00	49.29 -1.16 0.00
E_FISHKILL___LBMP 23776	49.57 1.35 0.00	44.14 1.86 0.00	40.39 1.85 0.00	39.65 1.71 0.00	37.47 1.61 0.00	38.66 1.74 0.00	39.40 1.73 0.00	38.56 1.52 0.00	43.34 1.71 0.00	47.05 1.68 0.00	50.48 1.71 0.00	54.23 1.58 0.00	57.26 1.56 0.00	62.70 1.71 0.00	67.45 1.77 0.00	75.22 2.75 0.00	82.82 2.88 0.00	88.88 4.15 0.00	85.01 3.19 0.00	83.74 2.52 0.00	74.43 1.96 0.00	66.99 1.18 0.00	57.11 1.50 0.00	52.16 1.72 0.00
FALCON___SEABRD_CC1 323796	47.98 -0.24 0.00	42.19 -0.08 0.00	38.31 -0.23 0.00	37.75 -0.19 0.00	35.61 -0.25 0.00	36.63 -0.30 0.00	37.40 -0.26 0.00	37.01 -0.04 0.00	41.75 0.13 0.00	45.55 0.18 0.00	48.53 -0.24 0.00	52.39 -0.26 0.00	55.48 -0.22 0.00	60.81 -0.18 0.00	64.95 -0.72 0.00	71.45 -1.01 0.00	78.74 -1.20 0.00	82.79 -1.95 0.00	80.29 -1.56 -0.03	80.01 -1.22 0.00	71.46 -1.01 0.00	65.35 -0.46 0.00	54.83 -0.78 0.00	49.63 -0.81 0.00
FALCON___SEABRD_CC2 323797	47.98 -0.24 0.00	42.19 -0.08 0.00	38.31 -0.23 0.00	37.75 -0.19 0.00	35.61 -0.25 0.00	36.63 -0.30 0.00	37.40 -0.26 0.00	37.01 -0.04 0.00	41.75 0.13 0.00	45.55 0.18 0.00	48.53 -0.24 0.00	52.39 -0.26 0.00	55.48 -0.22 0.00	60.81 -0.18 0.00	64.95 -0.72 0.00	71.45 -1.01 0.00	78.74 -1.20 0.00	82.79 -1.95 0.00	80.29 -1.56 -0.03	80.01 -1.22 0.00	71.46 -1.01 0.00	65.35 -0.46 0.00	54.83 -0.78 0.00	49.63 -0.81 0.00

FAR ROCKAWAY___4 23548	50.63 2.51 0.09	46.16 3.89 0.00	42.27 3.74 0.00	41.13 3.19 0.00	38.80 2.94 0.00	40.14 3.21 0.00	40.79 3.13 0.00	40.15 3.11 0.00	45.33 3.70 0.00	48.46 3.09 0.00	53.16 4.39 0.00	57.18 4.53 0.00	59.32 3.62 0.00	64.53 3.54 0.00	69.61 3.94 0.00	77.90 5.43 0.00	85.21 5.28 0.00	92.57 7.37 -0.47	87.72 5.65 -0.25	85.76 4.55 0.01	75.26 3.41 0.63	67.55 2.43 0.70	57.81 2.39 0.18	54.28 3.83 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.38 2.17 0.00	44.94 2.66 0.00	41.12 2.58 0.00	40.25 2.31 0.00	38.01 2.15 0.00	39.22 2.29 0.00	40.00 2.34 0.00	39.27 2.22 0.00	44.13 2.50 0.00	47.96 2.59 0.00	51.50 2.73 0.00	55.18 2.53 0.00	58.26 2.56 0.00	63.61 2.62 0.00	68.37 2.69 0.00	76.45 3.99 0.00	84.02 4.08 0.00	90.41 5.68 0.00	86.16 4.34 0.00	84.80 3.57 0.00	75.16 2.68 0.00	67.52 1.71 0.00	57.78 2.17 0.00	52.92 2.47 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.38 2.17 0.00	44.98 2.71 0.00	41.12 2.58 0.00	40.25 2.31 0.00	38.01 2.15 0.00	39.22 2.29 0.00	40.04 2.37 0.00	39.27 2.22 0.00	44.17 2.54 0.00	47.96 2.59 0.00	51.50 2.73 0.00	55.18 2.53 0.00	58.26 2.56 0.00	63.61 2.62 0.00	68.37 2.69 0.00	76.52 4.06 0.00	84.09 4.16 0.00	90.41 5.68 0.00	86.24 4.42 0.00	84.80 3.57 0.00	75.16 2.68 0.00	67.58 1.78 0.00	57.83 2.22 0.00	52.92 2.47 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.34 2.12 0.00	44.94 2.66 0.00	41.08 2.54 0.00	40.22 2.28 0.00	37.98 2.12 0.00	39.18 2.25 0.00	40.00 2.34 0.00	39.23 2.19 0.00	44.13 2.50 0.00	47.91 2.54 0.00	51.45 2.68 0.00	55.13 2.47 0.00	58.21 2.51 0.00	63.55 2.56 0.00	68.30 2.63 0.00	76.38 3.91 0.00	83.94 4.00 0.00	90.32 5.59 0.00	86.07 4.25 0.00	84.71 3.49 0.00	75.09 2.61 0.00	67.45 1.65 0.00	57.78 2.17 0.00	52.87 2.42 0.00
FARRAGUT___LBMP 323566	50.29 2.07 0.00	44.90 2.62 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.18 2.25 0.00	39.96 2.30 0.00	39.23 2.19 0.00	44.08 2.46 0.00	47.87 2.50 0.00	51.41 2.63 0.00	55.07 2.42 0.00	58.15 2.45 0.00	63.49 2.50 0.00	68.24 2.56 0.00	76.30 3.84 0.00	83.86 3.92 0.00	90.24 5.51 0.00	85.99 4.17 0.00	84.63 3.41 0.00	75.01 2.54 0.00	67.39 1.58 0.00	57.72 2.11 0.00	52.81 2.37 0.00
FENNER___WINDPWR 24204	49.37 1.16 0.00	43.20 0.93 0.00	39.42 0.89 0.00	38.70 0.76 0.00	36.65 0.79 0.00	37.70 0.78 0.00	38.46 0.79 0.00	37.74 0.70 0.00	42.34 0.71 0.00	46.23 0.86 0.00	49.80 1.03 0.00	53.97 1.32 0.00	57.04 1.33 0.00	62.57 1.58 0.00	67.58 1.91 0.00	74.78 2.32 0.00	82.81 2.87 0.00	88.21 3.48 0.00	85.52 3.69 -0.02	84.55 3.33 0.00	75.38 2.90 0.00	68.11 2.30 0.00	57.27 1.67 0.00	51.75 1.31 0.00
FIBERTEK___ENERGY 23856	48.68 -0.39 -0.85	41.85 -0.42 0.00	38.15 -0.39 0.00	37.48 -0.46 0.00	35.43 -0.43 0.00	36.45 -0.48 0.00	37.29 -0.38 0.00	36.64 -0.41 0.00	41.09 -0.54 0.00	45.01 -0.36 0.00	48.48 -0.29 0.00	52.97 -0.11 -0.43	55.65 -0.06 0.00	61.34 -0.06 -0.41	66.30 0.07 -0.56	73.65 0.43 -0.76	81.62 0.56 -1.12	87.36 1.19 -1.44	84.29 1.23 -1.24	83.13 0.65 -1.26	73.85 0.51 -0.87	66.63 0.07 -0.76	55.66 0.06 0.00	50.95 0.20 -0.30
FITZPATRICK___ 23598	39.00 -1.30 7.92	41.05 -1.23 0.00	37.42 -1.12 0.00	36.80 -1.14 0.00	34.79 -1.07 0.00	35.78 -1.15 0.00	36.61 -1.05 0.00	35.97 -1.08 0.00	40.42 -1.21 0.00	44.05 -1.32 0.00	47.50 -1.27 0.00	47.50 -1.16 3.99	54.36 -1.34 0.00	55.60 -1.52 3.87	59.10 -1.38 5.19	63.96 -1.45 7.05	68.00 -1.52 10.42	70.00 -1.27 13.46	69.00 -1.23 11.60	68.00 -1.46 11.76	62.99 -1.38 8.11	57.20 -1.51 7.09	54.27 -1.34 0.00	46.40 -1.21 2.83
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.29 2.07 0.00	44.77 2.49 0.00	40.93 2.39 0.00	40.14 2.20 0.00	37.87 2.01 0.00	39.14 2.22 0.00	39.85 2.18 0.00	39.01 1.96 0.00	43.83 2.21 0.00	47.60 2.22 0.00	51.11 2.34 0.00	54.97 2.32 0.00	58.21 2.51 0.00	63.79 2.81 0.00	68.70 3.02 0.00	76.59 4.13 0.00	84.41 4.48 0.00	90.83 6.10 0.00	86.73 4.91 0.00	85.53 4.30 0.00	75.96 3.48 0.00	68.37 2.57 0.00	58.11 2.50 0.00	52.92 2.47 0.00
FORT ORANGE___ 23900	48.51 0.29 0.00	42.87 0.59 0.00	39.15 0.61 0.00	38.62 0.68 0.00	36.51 0.65 0.00	37.63 0.70 0.00	38.34 0.68 0.00	37.45 0.41 0.00	41.75 0.29 0.17	45.22 0.23 0.38	48.21 0.00 0.56	51.63 -0.26 0.76	54.32 -0.45 0.93	59.34 -0.42 1.23	63.91 -0.26 1.50	70.42 -0.14 1.89	79.78 -0.16 0.00	85.22 0.76 0.27	82.30 0.58 0.10	81.43 0.24 0.04	72.48 0.00 0.00	65.74 -0.07 0.00	55.72 0.11 0.00	50.44 0.00 0.00
FORT_DRUM_COGEN 23780	51.74 2.70 -0.83	44.35 2.07 0.00	40.39 1.85 0.00	39.57 1.63 0.00	37.58 1.72 0.00	38.63 1.70 0.00	39.32 1.66 0.00	38.56 1.52 0.00	43.04 1.42 0.00	47.05 1.68 0.00	50.48 1.71 0.00	54.96 1.90 -0.42	57.65 1.95 0.00	63.89 2.50 -0.40	68.65 2.43 -0.54	76.24 3.04 -0.74	85.26 4.24 -1.09	91.30 5.17 -1.40	89.68 6.55 -1.32	89.19 6.74 -1.23	79.12 5.80 -0.85	71.81 5.26 -0.74	59.00 3.39 0.00	53.26 2.52 -0.30
FOX_HILLS___ESR 323835	50.68 2.46 -0.01	45.24 2.96 -0.01	41.40 2.85 -0.01	40.53 2.58 -0.01	38.27 2.40 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.27 2.22 0.00	44.00 2.37 0.00	47.96 2.59 0.00	50.61 2.15 0.31	51.27 2.00 3.38	51.16 2.01 6.55	53.42 1.89 9.45	58.10 2.10 9.68	60.82 3.33 14.98	62.48 3.44 20.90	75.42 4.83 14.14	67.09 3.68 18.41	57.75 2.84 26.32	53.93 2.10 20.65	53.79 1.12 13.13	52.14 1.78 5.24	53.12 2.67 0.00
FPL_FAR_ROCK_GT1 24212	50.58 2.46 0.09	46.04 3.76 0.00	42.27 3.74 0.00	41.13 3.19 0.00	38.80 2.94 0.00	40.14 3.21 0.00	40.75 3.09 0.00	40.15 3.11 0.00	44.83 3.21 0.00	48.05 2.68 0.00	52.44 3.66 -0.01	55.23 2.58 0.00	59.32 3.62 0.00	64.52 3.54 0.00	69.94 4.27 0.00	77.53 5.07 0.00	85.38 5.44 0.00	92.32 7.12 -0.47	87.71 5.64 -0.25	85.76 4.55 0.01	75.33 3.48 0.63	67.61 2.50 0.70	57.81 2.39 0.18	52.77 2.32 0.00
FPL_FAR_ROCK_GT2 23815	50.58 2.46 0.09	46.04 3.76 0.00	42.27 3.74 0.00	41.13 3.19 0.00	38.80 2.94 0.00	40.14 3.21 0.00	40.75 3.09 0.00	40.15 3.11 0.00	44.83 3.21 0.00	48.05 2.68 0.00	52.44 3.66 -0.01	55.23 2.58 0.00	59.32 3.62 0.00	64.52 3.54 0.00	69.94 4.27 0.00	77.53 5.07 0.00	85.38 5.44 0.00	92.32 7.12 -0.47	87.71 5.64 -0.25	85.76 4.55 0.01	75.33 3.48 0.63	67.61 2.50 0.70	57.81 2.39 0.18	52.77 2.32 0.00
FRANKLIN_FALL_HYD 24054	49.08 0.87 0.00	42.82 0.55 0.00	38.84 0.31 0.00	38.28 0.34 0.00	36.11 0.25 0.00	37.15 0.22 0.00	37.93 0.26 0.00	37.56 0.52 0.00	42.42 0.79 0.00	46.32 0.95 0.00	49.70 0.93 0.00	53.65 1.00 0.00	56.76 1.06 0.00	62.27 1.28 0.00	66.92 1.25 0.00	73.11 0.65 0.00	80.58 0.64 0.00	84.39 -0.34 0.00	82.54 0.57 -0.15	82.12 0.89 0.00	73.27 0.80 0.00	67.06 1.25 0.00	56.16 0.56 0.00	50.80 0.35 0.00

FREEPORT_EQUS_GT1 23764	49.20 1.45 0.47	45.28 3.00 0.00	41.62 3.08 0.00	40.52 2.58 0.00	38.23 2.37 0.00	39.51 2.58 0.00	40.19 2.52 0.00	39.56 2.52 0.00	44.17 2.54 0.00	47.23 1.86 0.00	51.46 2.68 -0.01	53.91 1.26 0.00	57.93 2.23 0.00	63.61 2.62 0.00	68.63 2.96 0.00	75.80 3.34 0.00	83.45 3.51 0.00	89.81 5.08 0.00	85.59 3.77 0.00	83.81 2.60 0.01	71.19 2.03 3.32	63.64 1.51 3.68	56.26 1.61 0.96	52.06 1.61 0.00
FREEPORT___CT2 23818	49.20 1.45 0.47	45.28 3.00 0.00	41.62 3.08 0.00	40.52 2.58 0.00	38.23 2.37 0.00	39.51 2.58 0.00	40.19 2.52 0.00	39.56 2.52 0.00	44.17 2.54 0.00	47.23 1.86 0.00	51.46 2.68 -0.01	53.91 1.26 0.00	57.93 2.23 0.00	63.61 2.62 0.00	68.63 2.96 0.00	75.80 3.34 0.00	83.45 3.51 0.00	89.81 5.08 0.00	85.59 3.77 0.00	83.81 2.60 0.01	71.19 2.03 3.32	63.64 1.51 3.68	56.26 1.61 0.96	52.06 1.61 0.00
FRESHKLS_33_KV_LOAD 356253	50.73 2.51 -0.01	45.37 3.09 -0.01	41.47 2.93 -0.01	40.60 2.66 -0.01	38.38 2.51 -0.01	39.62 2.70 0.00	40.26 2.60 0.00	39.34 2.30 0.00	44.08 2.46 0.00	48.00 2.63 0.00	50.50 2.05 0.32	51.17 1.90 3.38	51.11 1.95 6.55	53.36 1.83 9.45	58.03 2.04 9.68	60.82 3.33 14.98	62.48 3.44 20.90	75.42 4.83 14.14	67.09 3.68 18.41	57.75 2.84 26.32	53.86 2.03 20.65	53.73 1.05 13.13	52.09 1.72 5.24	53.17 2.72 0.00
FULTON COGEN____ 23766	49.71 -0.63 -2.12	41.64 -0.63 0.00	37.96 -0.58 0.00	37.29 -0.64 0.00	35.25 -0.61 0.00	36.26 -0.66 0.00	37.10 -0.56 0.00	36.45 -0.59 0.00	40.88 -0.75 0.00	44.69 -0.68 0.00	48.14 -0.63 0.00	53.25 -0.47 -1.07	55.14 -0.56 0.00	61.41 -0.61 -1.04	66.48 -0.59 -1.39	74.06 -0.29 -1.89	82.41 -0.32 -2.79	88.60 0.25 -3.61	85.26 0.33 -3.11	84.30 -0.08 -3.16	74.51 -0.14 -2.18	67.25 -0.46 -1.90	55.11 -0.50 0.00	50.75 -0.45 -0.76
FULTON___LFGE 323630	52.56 4.34 0.00	46.16 3.89 0.00	42.04 3.51 0.00	41.35 3.42 0.00	39.09 3.23 0.00	40.21 3.29 0.00	40.86 3.20 0.00	39.86 2.81 0.00	44.71 3.08 0.00	48.59 3.22 0.00	52.09 3.32 0.00	56.02 3.37 0.00	59.43 3.73 0.00	65.19 4.20 0.00	70.41 4.73 0.00	77.97 5.50 0.00	86.41 6.47 0.00	93.04 8.31 0.00	90.00 8.18 0.00	89.75 8.53 0.00	80.16 7.68 0.00	72.52 6.72 0.00	61.11 5.51 0.00	55.14 4.69 0.00
G.F.CEMENT___DRP 24184	51.06 2.84 0.00	44.94 2.66 0.00	40.96 2.43 0.00	40.25 2.31 0.00	38.05 2.19 0.00	39.18 2.25 0.00	39.96 2.30 0.00	39.08 2.04 0.00	44.00 2.37 0.00	47.82 2.45 0.00	50.92 2.15 0.00	54.86 2.21 0.00	57.93 2.23 0.00	63.55 2.56 0.00	68.56 2.89 0.00	76.23 3.77 0.00	84.25 4.32 0.00	90.66 5.93 0.00	87.87 6.05 0.00	86.99 5.77 0.00	77.70 5.22 0.00	70.15 4.34 0.00	59.22 3.61 0.00	53.47 3.03 0.00
GARDENVILLE___LBMP 24039	48.46 0.24 0.00	41.98 -0.30 0.00	38.07 -0.46 0.00	36.80 -1.14 0.00	34.79 -1.08 0.00	35.67 -1.26 0.00	36.68 -0.98 0.00	36.52 -0.52 0.00	40.55 -1.08 0.00	44.56 -0.82 0.00	48.72 -0.05 0.00	53.49 0.84 0.00	57.32 1.62 0.00	61.96 0.98 0.00	66.86 1.18 0.00	74.56 2.10 0.00	82.98 3.04 0.00	89.05 4.32 0.00	85.09 3.27 0.00	83.90 2.68 0.00	74.22 1.74 0.00	66.40 0.59 0.00	56.27 0.67 0.00	50.29 -0.15 0.00
GARDNVLA_35_KV_LD 355827	48.65 0.43 0.00	42.15 -0.13 0.00	38.23 -0.31 0.00	36.91 -1.02 0.00	34.93 -0.93 0.00	35.82 -1.11 0.00	36.84 -0.83 0.00	36.71 -0.33 0.00	40.75 -0.87 0.00	44.78 -0.59 0.00	48.97 0.20 0.00	53.81 1.16 0.00	57.65 1.95 0.00	62.33 1.34 0.00	67.32 1.64 0.00	75.07 2.61 0.00	83.46 3.52 0.00	89.65 4.91 0.00	85.58 3.76 0.00	84.39 3.17 0.00	74.65 2.17 0.00	66.73 0.92 0.00	56.61 1.00 0.00	50.49 0.05 0.00
GELCKHM___115KV_LOAD 80723	48.29 -0.53 -0.60	41.73 -0.55 0.00	38.04 -0.50 0.00	37.37 -0.57 0.00	35.32 -0.54 0.00	36.34 -0.59 0.00	37.14 -0.53 0.00	36.52 -0.52 0.00	40.96 -0.67 0.00	44.78 -0.59 0.00	48.28 -0.49 0.00	52.64 -0.32 -0.30	55.42 -0.28 0.00	60.98 -0.30 -0.29	65.81 -0.26 -0.39	73.14 0.14 -0.53	80.89 0.16 -0.79	86.51 0.76 -1.02	83.44 0.74 -0.88	82.36 0.24 -0.89	73.24 0.14 -0.62	66.15 -0.20 -0.54	55.38 -0.22 0.00	50.46 -0.20 -0.21
GENERAL___MILLS 23808	48.55 0.34 0.00	42.06 -0.21 0.00	38.15 -0.39 0.00	36.88 -1.06 0.00	34.86 -1.00 0.00	35.75 -1.18 0.00	36.76 -0.90 0.00	36.60 -0.44 0.00	40.63 -1.00 0.00	44.65 -0.73 0.00	48.82 0.05 0.00	53.65 1.00 0.00	57.48 1.78 0.00	62.15 1.16 0.00	67.05 1.38 0.00	74.85 2.39 0.00	83.22 3.28 0.00	89.39 4.66 0.00	85.34 3.52 0.00	84.15 2.92 0.00	74.43 1.96 0.00	66.53 0.72 0.00	56.44 0.83 0.00	50.39 -0.05 0.00
GE_PLASTICS___DRP 24183	48.22 0.00 0.00	42.57 0.30 0.00	38.92 0.39 0.00	38.47 0.53 0.00	36.36 0.50 0.00	37.48 0.55 0.00	38.19 0.53 0.00	37.30 0.26 0.00	38.73 0.12 3.02	38.74 0.05 6.68	38.74 -0.10 9.94	38.85 -0.26 13.54	38.69 -0.56 16.45	38.69 -0.55 21.75	38.49 -0.59 26.59	38.69 -0.22 33.56	79.56 -0.32 0.06	80.26 0.34 4.81	80.18 0.08 1.72	80.18 -0.32 0.72	72.12 -0.36 0.00	65.21 -0.59 0.00	55.33 -0.28 0.00	50.29 -0.15 0.00
GILBOA___1 23756	48.89 0.67 0.00	43.20 0.93 0.00	39.65 1.12 0.00	39.42 1.48 0.00	37.26 1.40 0.00	38.41 1.48 0.00	38.98 1.32 0.00	37.78 0.74 0.00	42.34 0.71 0.00	46.10 0.72 0.00	49.45 0.68 0.00	53.18 0.53 0.00	56.37 0.67 0.00	61.72 0.73 0.00	66.66 0.99 0.00	73.62 1.16 0.00	80.97 1.04 0.00	86.43 1.69 0.00	83.21 1.39 0.00	82.28 1.05 0.00	73.42 0.94 0.00	66.53 0.73 0.00	56.44 0.84 0.00	51.25 0.80 0.00
GILBOA___2 23757	48.89 0.67 0.00	43.20 0.93 0.00	39.65 1.12 0.00	39.42 1.48 0.00	37.26 1.40 0.00	38.41 1.48 0.00	38.98 1.32 0.00	37.78 0.74 0.00	42.34 0.71 0.00	46.10 0.72 0.00	49.45 0.68 0.00	53.18 0.53 0.00	56.37 0.67 0.00	61.72 0.73 0.00	66.66 0.99 0.00	73.62 1.16 0.00	80.97 1.04 0.00	86.43 1.69 0.00	83.21 1.39 0.00	82.28 1.05 0.00	73.42 0.94 0.00	66.53 0.73 0.00	56.44 0.84 0.00	51.25 0.80 0.00
GILBOA___3 23758	48.89 0.67 0.00	43.20 0.93 0.00	39.65 1.12 0.00	39.42 1.48 0.00	37.26 1.40 0.00	38.41 1.48 0.00	38.98 1.32 0.00	37.78 0.74 0.00	42.34 0.71 0.00	46.10 0.72 0.00	49.45 0.68 0.00	53.18 0.53 0.00	56.37 0.67 0.00	61.72 0.73 0.00	66.66 0.99 0.00	73.62 1.16 0.00	80.97 1.04 0.00	86.43 1.69 0.00	83.21 1.39 0.00	82.28 1.05 0.00	73.42 0.94 0.00	66.53 0.73 0.00	56.44 0.84 0.00	51.25 0.80 0.00
GILBOA___4 23759	48.89 0.67 0.00	43.20 0.93 0.00	39.65 1.12 0.00	39.42 1.48 0.00	37.26 1.40 0.00	38.41 1.48 0.00	38.98 1.32 0.00	37.78 0.74 0.00	42.34 0.71 0.00	46.10 0.72 0.00	49.45 0.68 0.00	53.18 0.53 0.00	56.37 0.67 0.00	61.72 0.73 0.00	66.66 0.99 0.00	73.62 1.16 0.00	80.97 1.04 0.00	86.43 1.69 0.00	83.21 1.39 0.00	82.28 1.05 0.00	73.42 0.94 0.00	66.53 0.73 0.00	56.44 0.84 0.00	51.25 0.80 0.00

GILBOA____ 23599	48.89 0.68 0.00	43.21 0.93 0.00	39.65 1.12 0.00	39.42 1.48 0.00	37.26 1.40 0.00	38.40 1.48 0.00	38.98 1.32 0.00	37.78 0.74 0.00	42.38 0.75 0.00	46.14 0.77 0.00	49.50 0.73 0.00	53.34 0.68 0.00	56.37 0.67 0.00	61.72 0.73 0.00	66.46 0.79 0.00	73.69 1.23 0.00	81.22 1.28 0.00	86.60 1.86 0.00	83.21 1.39 0.00	82.20 0.97 0.00	73.42 0.94 0.00	66.46 0.66 0.00	56.44 0.83 0.00	51.30 0.86 0.00
GINNA____ 23603	46.92 -1.30 0.00	40.50 -1.77 0.00	36.76 -1.77 0.00	35.85 -2.09 0.00	33.96 -1.90 0.00	34.82 -2.10 0.00	35.74 -1.92 0.00	35.38 -1.67 0.00	39.80 -1.83 0.00	43.60 -1.77 0.00	47.80 -0.98 0.00	52.60 -0.05 0.00	55.25 -0.45 0.00	60.13 -0.85 0.00	65.61 -0.07 0.00	72.54 0.07 0.00	80.34 0.40 0.00	85.67 0.93 0.00	82.47 0.65 0.00	81.22 0.00 0.00	72.12 -0.36 0.00	64.95 -0.86 0.00	54.71 -0.89 0.00	49.48 -0.96 0.00
GLEN PARK____ 23778	52.13 3.04 -0.87	44.64 2.37 0.00	40.65 2.12 0.00	39.80 1.86 0.00	37.83 1.97 0.00	38.85 1.92 0.00	39.58 1.92 0.00	38.75 1.70 0.00	43.30 1.67 0.00	47.32 1.95 0.00	50.77 2.00 0.00	55.41 2.31 -0.44	57.87 2.17 0.00	64.22 2.81 -0.43	69.20 2.96 -0.57	76.72 3.48 -0.78	85.88 4.80 -1.15	92.14 5.93 -1.48	90.57 7.37 -1.38	90.24 7.72 -1.30	80.04 6.66 -0.89	72.58 5.99 -0.78	59.56 3.95 0.00	53.83 3.08 -0.31
GLENDALE_27_KV_LOAD 356172	50.77 2.56 0.00	45.28 3.00 0.00	41.39 2.85 0.00	40.48 2.54 0.00	38.26 2.40 0.00	39.48 2.55 0.00	40.23 2.56 0.00	39.45 2.41 0.00	44.25 2.62 0.00	48.14 2.77 0.00	51.55 2.78 0.00	55.34 2.69 0.00	58.37 2.67 0.00	63.60 2.62 0.01	68.42 2.76 0.01	76.51 4.06 0.01	84.09 4.16 0.01	90.40 5.68 0.01	86.23 4.42 0.01	84.79 3.57 0.01	74.75 2.75 0.48	66.27 1.78 1.31	58.00 2.39 0.00	53.32 2.88 0.00
GLENWOOD_IC_1_G5 23712	49.72 1.78 0.28	45.11 2.83 0.00	41.31 2.77 0.00	40.33 2.39 0.00	38.08 2.22 0.00	39.36 2.44 0.00	40.07 2.41 0.00	39.38 2.33 0.00	44.38 2.75 0.00	47.73 2.36 0.00	51.94 3.17 0.00	55.76 3.11 0.00	58.04 2.34 0.00	63.61 2.62 0.00	68.50 2.82 0.00	76.52 4.06 0.00	83.94 4.00 0.00	90.49 5.76 0.00	86.16 4.34 0.00	84.55 3.33 0.01	72.96 2.46 1.98	65.18 1.58 2.20	56.98 1.95 0.57	53.37 2.93 0.00
GLENWOOD_IC_2_G1 23688	49.80 1.59 0.00	44.81 2.54 0.00	41.12 2.58 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.18 2.25 0.00	39.89 2.22 0.00	39.19 2.15 0.00	43.83 2.20 0.00	47.37 1.99 0.00	51.22 2.44 -0.01	54.29 1.63 0.00	57.99 2.28 0.00	63.43 2.44 0.00	68.56 2.89 0.00	76.16 3.69 0.00	83.85 3.92 0.00	90.07 5.34 0.00	85.99 4.17 0.00	84.47 3.25 0.00	74.92 2.47 0.02	67.43 1.65 0.02	57.43 1.83 0.01	52.31 1.87 0.00
GLENWOOD_IC_3_G1 23689	49.80 1.59 0.00	44.81 2.54 0.00	41.12 2.58 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.18 2.25 0.00	39.89 2.22 0.00	39.19 2.15 0.00	43.83 2.20 0.00	47.37 1.99 0.00	51.22 2.44 -0.01	54.29 1.63 0.00	57.99 2.28 0.00	63.43 2.44 0.00	68.56 2.89 0.00	76.16 3.69 0.00	83.85 3.92 0.00	90.07 5.34 0.00	85.99 4.17 0.00	84.47 3.25 0.00	74.92 2.47 0.02	67.43 1.65 0.02	57.43 1.83 0.01	52.31 1.87 0.00
GLENWOOD____4 23550	49.72 1.78 0.28	45.11 2.83 0.00	41.31 2.77 0.00	40.33 2.39 0.00	38.08 2.22 0.00	39.36 2.44 0.00	40.07 2.41 0.00	39.38 2.33 0.00	44.38 2.75 0.00	47.73 2.36 0.00	51.94 3.17 0.00	55.76 3.11 0.00	58.10 2.40 0.00	63.67 2.68 0.00	68.56 2.89 0.00	76.67 4.20 0.00	84.02 4.08 0.00	90.58 5.85 0.00	86.24 4.42 0.00	84.63 3.41 0.01	73.03 2.54 1.98	65.25 1.65 2.20	56.98 1.95 0.57	53.37 2.93 0.00
GLENWOOD____5 23614	49.72 1.78 0.28	45.11 2.83 0.00	41.31 2.77 0.00	40.33 2.39 0.00	38.08 2.22 0.00	39.36 2.44 0.00	40.07 2.41 0.00	39.38 2.33 0.00	44.38 2.75 0.00	47.73 2.36 0.00	51.94 3.17 0.00	55.76 3.11 0.00	58.10 2.40 0.00	63.67 2.68 0.00	68.56 2.89 0.00	76.67 4.20 0.00	84.02 4.08 0.00	90.58 5.85 0.00	86.24 4.42 0.00	84.63 3.41 0.01	73.03 2.54 1.98	65.25 1.65 2.20	56.98 1.95 0.57	53.37 2.93 0.00
GLOBAL GREEN_PORT_GT1 23814	50.27 2.89 0.84	46.84 4.57 0.00	43.04 4.51 0.00	41.66 3.72 0.00	39.30 3.44 0.00	40.70 3.77 0.00	41.28 3.62 0.00	40.71 3.67 0.00	45.54 3.91 0.00	48.55 3.17 0.00	53.32 4.54 -0.01	55.76 3.11 0.00	60.17 4.62 0.15	65.82 5.37 0.54	71.49 6.50 0.69	79.47 7.54 0.53	87.59 8.24 0.59	94.42 10.76 1.07	90.35 9.00 0.47	87.15 6.82 0.89	71.04 4.57 6.00	62.36 3.42 6.87	56.99 3.11 1.73	53.57 3.13 0.00
GLOBE____DSASP 323697	47.01 -1.21 0.00	40.75 -1.52 0.00	36.88 -1.66 0.00	35.66 -2.28 0.00	34.39 -1.47 0.00	34.60 -2.33 0.00	35.63 -2.03 0.00	35.49 -1.56 0.00	39.34 -2.29 0.00	43.19 -2.18 0.00	47.31 -1.46 0.00	51.91 -0.74 0.00	55.53 -0.17 0.00	59.89 -1.10 0.00	64.56 -1.12 0.00	71.96 -0.51 0.00	80.02 0.08 0.00	85.83 1.10 0.00	81.98 0.16 0.00	80.82 -0.41 0.00	71.68 -0.80 0.00	64.16 -1.65 0.00	54.38 -1.22 0.00	48.73 -1.72 0.00
GOETHSLN____LBMP 323567	50.00 1.78 0.00	44.64 2.37 0.00	40.85 2.31 0.00	39.95 2.01 0.00	37.76 1.90 0.00	38.96 2.03 0.00	39.74 2.07 0.00	39.01 1.96 0.00	43.88 2.25 0.00	47.64 2.27 0.00	50.80 2.34 0.31	51.32 2.05 3.39	51.21 2.06 6.55	53.60 2.07 9.46	58.09 2.10 9.69	60.81 3.33 14.98	62.39 3.36 20.91	75.41 4.83 14.15	67.00 3.60 18.42	57.66 2.76 26.33	53.85 2.03 20.65	53.78 1.12 13.14	52.08 1.72 5.25	52.45 2.02 0.01
GOLAH____69_KV_TB 1_2 80279	48.89 0.68 0.00	42.32 0.04 0.00	38.38 -0.15 0.00	37.33 -0.61 0.00	35.32 -0.54 0.00	36.26 -0.66 0.00	37.21 -0.45 0.00	36.78 -0.26 0.00	40.92 -0.71 0.00	44.92 -0.45 0.00	49.02 0.24 0.00	53.55 0.90 0.00	57.09 1.39 0.00	61.90 0.91 0.00	66.92 1.25 0.00	74.64 2.17 0.00	82.74 2.80 0.00	89.05 4.32 0.00	85.58 3.76 0.00	84.55 3.33 0.00	75.16 2.68 0.00	67.52 1.71 0.00	57.00 1.39 0.00	51.15 0.71 0.00
GOODYEAR_LAKE_HYD 323669	50.38 2.17 0.00	44.35 2.07 0.00	40.58 2.04 0.00	39.95 2.01 0.00	37.83 1.97 0.00	38.96 2.03 0.00	39.66 2.00 0.00	38.75 1.70 0.00	43.46 1.83 0.00	47.46 2.09 0.00	51.02 2.24 0.00	55.13 2.47 0.00	58.49 2.79 0.00	64.16 3.17 0.00	68.96 3.28 0.00	76.59 4.13 0.00	84.81 4.88 0.00	90.66 5.93 0.00	87.38 5.56 0.00	86.42 5.20 0.00	76.97 4.49 0.00	69.56 3.75 0.00	58.61 3.00 0.00	52.97 2.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.75 0.53 0.00	42.70 0.42 0.00	39.00 0.46 0.00	38.28 0.34 0.00	36.18 0.32 0.00	37.22 0.30 0.00	38.08 0.41 0.00	37.38 0.33 0.00	41.80 0.17 0.00	45.60 0.23 0.00	49.21 0.44 0.00	53.39 0.74 0.00	56.76 1.06 0.00	61.96 0.98 0.00	66.79 1.12 0.00	74.20 1.74 0.00	82.10 2.16 0.00	87.87 3.14 0.00	84.60 2.78 0.00	83.50 2.27 0.00	74.43 1.96 0.00	67.06 1.25 0.00	56.66 1.06 0.00	51.20 0.76 0.00

GOUDEY___7 23579	48.75 0.53 0.00	42.70 0.42 0.00	39.00 0.46 0.00	38.28 0.34 0.00	36.18 0.32 0.00	37.22 0.30 0.00	38.08 0.41 0.00	37.38 0.33 0.00	41.80 0.17 0.00	45.60 0.23 0.00	49.21 0.44 0.00	53.39 0.74 0.00	56.76 1.06 0.00	61.96 0.98 0.00	66.79 1.12 0.00	74.20 1.74 0.00	82.10 2.16 0.00	87.87 3.14 0.00	84.60 2.78 0.00	83.50 2.27 0.00	74.43 1.96 0.00	67.06 1.25 0.00	56.66 1.06 0.00	51.20 0.76 0.00
GOUDEY___8 23580	48.75 0.53 0.00	42.70 0.42 0.00	39.00 0.46 0.00	38.28 0.34 0.00	36.18 0.32 0.00	37.22 0.30 0.00	38.08 0.41 0.00	37.38 0.33 0.00	41.80 0.17 0.00	45.60 0.23 0.00	49.21 0.44 0.00	53.39 0.74 0.00	56.76 1.06 0.00	61.96 0.98 0.00	66.79 1.12 0.00	74.20 1.74 0.00	82.10 2.16 0.00	87.87 3.14 0.00	84.60 2.78 0.00	83.50 2.27 0.00	74.43 1.96 0.00	67.06 1.25 0.00	56.66 1.06 0.00	51.20 0.76 0.00
GOWANUS_GT1_1 24077	50.78 2.56 -0.01	45.28 3.00 -0.01	41.43 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	44.08 2.46 0.00	48.00 2.63 0.00	51.16 2.39 0.00	54.97 2.32 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.22 3.77 0.01	83.85 3.92 0.01	89.98 5.25 0.01	85.90 4.09 0.01	84.54 3.33 0.01	74.46 2.46 0.48	65.94 1.45 1.31	57.72 2.11 0.00	53.27 2.82 0.00
GOWANUS_GT1_2 24078	50.78 2.56 -0.01	45.28 3.00 -0.01	41.43 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	44.08 2.46 0.00	48.00 2.63 0.00	51.16 2.39 0.00	54.97 2.32 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.22 3.77 0.01	83.85 3.92 0.01	89.98 5.25 0.01	85.90 4.09 0.01	84.54 3.33 0.01	74.46 2.46 0.48	65.94 1.45 1.31	57.72 2.11 0.00	53.27 2.82 0.00
GOWANUS_GT1_3 24079	50.78 2.56 -0.01	45.28 3.00 -0.01	41.43 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	44.08 2.46 0.00	48.00 2.63 0.00	51.16 2.39 0.00	54.97 2.32 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.22 3.77 0.01	83.85 3.92 0.01	89.98 5.25 0.01	85.90 4.09 0.01	84.54 3.33 0.01	74.46 2.46 0.48	65.94 1.45 1.31	57.72 2.11 0.00	53.27 2.82 0.00
GOWANUS_GT1_4 24080	50.78 2.56 -0.01	45.28 3.00 -0.01	41.43 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	44.08 2.46 0.00	48.00 2.63 0.00	51.16 2.39 0.00	54.97 2.32 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.22 3.77 0.01	83.85 3.92 0.01	89.98 5.25 0.01	85.90 4.09 0.01	84.54 3.33 0.01	74.46 2.46 0.48	65.94 1.45 1.31	57.72 2.11 0.00	53.27 2.82 0.00
GOWANUS_GT1_5 24084	50.78 2.56 -0.01	45.28 3.00 -0.01	41.43 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	44.08 2.46 0.00	48.00 2.63 0.00	51.16 2.39 0.00	54.97 2.32 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.22 3.77 0.01	83.85 3.92 0.01	89.98 5.25 0.01	85.90 4.09 0.01	84.54 3.33 0.01	74.46 2.46 0.48	65.94 1.45 1.31	57.72 2.11 0.00	53.27 2.82 0.00
GOWANUS_GT1_6 24111	50.78 2.56 -0.01	45.28 3.00 -0.01	41.43 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	44.08 2.46															

GOWANUS_GT2_6 24119	50.63 2.41 -0.01	45.28 3.00 -0.01	41.40 2.85 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.15 2.49 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.91 2.54 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.36 2.69 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.01 1.51 1.31	57.67 2.06 0.00	53.07 2.62 0.00
GOWANUS_GT2_7 24120	50.63 2.41 -0.01	45.28 3.00 -0.01	41.40 2.85 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.15 2.49 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.91 2.54 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.36 2.69 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.01 1.51 1.31	57.67 2.06 0.00	53.07 2.62 0.00
GOWANUS_GT2_8 24121	50.63 2.41 -0.01	45.28 3.00 -0.01	41.40 2.85 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.15 2.49 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.91 2.54 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.36 2.69 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.01 1.51 1.31	57.67 2.06 0.00	53.07 2.62 0.00
GOWANUS_GT3_1 24122	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
GOWANUS_GT3_2 24123	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
GOWANUS_GT3_3 24124	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
GOWANUS_GT3_4 24125	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
GOWANUS_GT3_5 24126	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00																

GOWANUS_GT4_5 24134	50.78 2.56 -0.01	45.28 3.00 -0.01	41.40 2.85 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	44.08 2.46 0.00	48.00 2.63 0.00	51.16 2.39 0.00	54.92 2.26 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.22 3.77 0.01	83.77 3.84 0.01	89.98 5.25 0.01	85.90 4.09 0.01	84.54 3.33 0.01	74.46 2.46 0.48	65.94 1.45 1.31	57.72 2.11 0.00	53.27 2.82 0.00
GOWANUS_GT4_6 24135	50.78 2.56 -0.01	45.28 3.00 -0.01	41.40 2.85 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	44.08 2.46 0.00	48.00 2.63 0.00	51.16 2.39 0.00	54.92 2.26 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.22 3.77 0.01	83.77 3.84 0.01	89.98 5.25 0.01	85.90 4.09 0.01	84.54 3.33 0.01	74.46 2.46 0.48	65.94 1.45 1.31	57.72 2.11 0.00	53.27 2.82 0.00
GOWANUS_GT4_7 24136	50.78 2.56 -0.01	45.28 3.00 -0.01	41.40 2.85 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	44.08 2.46 0.00	48.00 2.63 0.00	51.16 2.39 0.00	54.92 2.26 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.22 3.77 0.01	83.77 3.84 0.01	89.98 5.25 0.01	85.90 4.09 0.01	84.54 3.33 0.01	74.46 2.46 0.48	65.94 1.45 1.31	57.72 2.11 0.00	53.27 2.82 0.00
GOWANUS_GT4_8 24137	50.78 2.56 -0.01	45.28 3.00 -0.01	41.40 2.85 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	44.08 2.46 0.00	48.00 2.63 0.00	51.16 2.39 0.00	54.92 2.26 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.22 3.77 0.01	83.77 3.84 0.01	89.98 5.25 0.01	85.90 4.09 0.01	84.54 3.33 0.01	74.46 2.46 0.48	65.94 1.45 1.31	57.72 2.11 0.00	53.27 2.82 0.00
GREATVRV_69_KV_BK1 356245	49.04 1.64 0.81	45.95 3.68 0.00	42.12 3.58 0.00	40.90 2.96 0.00	38.55 2.69 0.00	39.92 2.99 0.00	40.53 2.86 0.00	39.93 2.89 0.00	45.21 3.58 0.00	47.96 2.59 0.00	53.06 4.29 0.00	57.07 4.42 0.00	58.21 2.67 0.16	63.52 3.11 0.58	68.41 3.48 0.74	76.75 4.85 0.57	83.62 4.32 0.63	90.49 6.86 1.11	86.33 4.99 0.48	83.67 3.41 0.96	69.27 2.61 5.81	60.97 1.84 6.67	55.82 1.89 1.68	54.53 4.09 0.00
GREENBSH_115KV_TB3 55895	48.50 0.29 0.00	42.87 0.59 0.00	39.19 0.66 0.00	38.66 0.72 0.00	36.54 0.68 0.00	37.67 0.74 0.00	38.38 0.72 0.00	37.52 0.48 0.00	42.04 0.42 0.00	45.69 0.32 0.00	48.97 0.20 0.00	52.70 0.05 0.00	55.31 -0.39 0.00	60.62 -0.37 0.00	65.35 -0.33 0.00	72.54 0.07 0.00	79.94 0.00 0.00	85.49 0.76 0.00	82.31 0.49 0.00	81.30 0.08 0.00	72.41 -0.07 0.00	65.54 -0.26 0.00	55.61 0.00 0.00	50.49 0.05 0.00
GREENDGE_115KV_TB5 80291	48.94 0.72 0.00	42.87 0.59 0.00	39.04 0.50 0.00	38.17 0.23 0.00	36.08 0.22 0.00	37.04 0.11 0.00	38.00 0.34 0.00	37.45 0.41 0.00	41.71 0.08 0.00	45.73 0.36 0.00	49.16 0.39 0.00	53.60 0.95 0.00	57.04 1.34 0.00	62.21 1.22 0.00	67.18 1.51 0.00	74.85 2.39 0.00	82.90 2.96 0.00	88.88 4.15 0.00	86.32 4.50 0.00	85.04 3.82 0.00	75.74 3.26 0.00	67.98 2.17 0.00	57.22 1.61 0.00	51.40 0.96 0.00
GREENIDGE___3 23582	48.94 0.72 0.00	42.87 0.59 0.00	39.04 0.50 0.00	38.17 0.23 0.00	36.08 0.22 0.00	37.04 0.11 0.00	38.00 0.34 0.00	37.45 0.41 0.00	41.71 0.08 0.00	45.73 0.36 0.00	49.16 0.39 0.00	53.60 0.95 0.00	57.04 1.34 0.00	62.21 1.22 0.00	67.18 1.51 0.00	74.85 2.39 0.00	82.90 2.96 0.00	88.88 4.15 0.00	86.32 4.50 0.00	85.04 3.82 0.00	75.74 3.26 0.00	67.98 2.17 0.00	57.22 1.61 0.00	51.40 0.96 0.00
GREENIDGE___4 23583	49.08 0.87 0.00	42.91 0.64 0.00	39.04 0.50 0.00	38.13 0.19 0.00	36.08 0.22 0.00	37.04 0.11 0.00	38.04 0.38 0.00	37.45 0.41 0.00	41.96 0.33 0.00	45.83 0.45 0.00	49.70 0.92 0.00	54.29 1.63 0.00	57.04 1.33 0.00	62.21 1.22 0.00	67.91 2.23 0.00	75.00 2.53 0.00	83.14 3.20 0.00	88.37 3.64 0.00	86.32 4.50 0.00	85.12 3.90 0.00	75.74 3.26 0.00	67.97 2.17 0.00	57.27 1.67 0.00	51.81 1.36 0.00
GREENLWN_69_KV_BK 3 55738	47.59 0.19 0.82	44.68 2.41 0.00	41.12 2.58 0.00	39.99 2.05 0.00	37.73 1.86 0.00	39.03 2.10 0.00	39.70 2.03 0.00	39.08 2.04 0.00	44.17 2.54 0.00	46.51 1.13 0.00	51.55 2.78 0.00	55.07 2.42 0.00	56.07 0.78 0.41	60.57 1.04 1.45	65.05 1.25 1.87	73.34 2.32 1.44	80.18 1.84 1.60	86.28 3.81 2.26	83.10 2.21 0.92	79.79 0.97 2.40	66.98 0.36 5.86	58.42 -0.33 7.05	54.03 0.11 1.69	53.02 2.57 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.78 2.56 -0.01	45.28 3.00 -0.01	41.43 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	44.08 2.46 0.00	48.00 2.63 0.00	51.16 2.39 0.00	54.97 2.32 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.22 3.77 0.01	83.85 3.92 0.01	89.98 5.25 0.01	85.90 4.09 0.01	84.54 3.33 0.01	74.46 2.46 0.48	65.94 1.45 1.31	57.72 2.11 0.00	53.27 2.82 0.00
GRISSOM___SOLAR 323813	52.17 3.95 0.00	45.83 3.55 0.00	41.73 3.20 0.00	41.05 3.11 0.00	38.84 2.97 0.00	39.96 3.03 0.00	40.64 2.97 0.00	39.63 2.59 0.00	44.46 2.83 0.00	48.37 2.99 0.00	51.80 3.02 0.00	55.70 3.05 0.00	59.10 3.40 0.00	64.83 3.84 0.00	70.01 4.33 0.00	77.53 5.07 0.00	85.85 5.92 0.00	92.36 7.63 0.00	89.26 7.44 0.00	88.94 7.72 0.00	79.44 6.96 0.00	71.79 5.99 0.00	60.55 4.95 0.00	54.68 4.24 0.00
GROVEVILLE___HYD 323602	50.29 2.07 0.00	44.77 2.49 0.00	40.93 2.39 0.00	40.14 2.20 0.00	37.87 2.01 0.00	39.14 2.22 0.00	39.85 2.18 0.00	39.01 1.96 0.00	43.83 2.21 0.00	47.60 2.22 0.00	51.11 2.34 0.00	54.97 2.32 0.00	58.21 2.51 0.00	63.79 2.81 0.00	68.70 3.02 0.00	76.59 4.13 0.00	84.41 4.48 0.00	90.83 6.10 0.00	86.73 4.91 0.00	85.53 4.30 0.00	75.96 3.48 0.00	68.37 2.57 0.00	58.11 2.50 0.00	52.92 2.47 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	48.68 -0.39 -0.85	41.85 -0.42 0.00	38.15 -0.39 0.00	37.48 -0.46 0.00	35.43 -0.43 0.00	36.45 -0.48 0.00	37.29 -0.38 0.00	36.64 -0.41 0.00	41.09 -0.54 0.00	45.01 -0.36 0.00	48.48 -0.29 0.00	52.97 -0.11 -0.43	55.65 -0.06 0.00	61.34 -0.06 -0.41	66.30 0.07 -0.56	73.65 0.43 -0.76	81.62 0.56 -1.12	87.36 1.19 -1.44	84.29 1.23 -1.24	83.13 0.65 -1.26	73.85 0.51 -0.87	66.63 0.07 -0.76	55.66 0.06 0.00	50.95 0.20 -0.30
HAMLTNNY_34_KV_TB 80303	49.16 0.14 -0.80	42.19 -0.08 0.00	38.46 -0.08 0.00	37.75 -0.19 0.00	35.68 -0.18 0.00	36.67 -0.26 0.00	37.55 -0.11 0.00	36.93 -0.11 0.00	41.38 -0.25 0.00	45.33 -0.05 0.00	48.97 0.20 0.00	53.53 0.47 -0.40	56.37 0.67 0.00	62.05 0.67 -0.39	66.98 0.79 -0.52	74.55 1.38 -0.71	82.58 1.60 -1.05	88.54 2.46 -1.35	85.36 2.37 -1.17	84.19 1.79 -1.18	74.81 1.52 -0.82	67.37 0.86 -0.71	56.22 0.61 0.00	51.18 0.45 -0.28

HAMPSHIRE___PAPER_HYD 323593	49.84 1.30 -0.32	43.12 0.85 0.00	39.19 0.65 0.00	38.51 0.57 0.00	36.47 0.61 0.00	37.48 0.55 0.00	38.23 0.57 0.00	37.63 0.59 0.00	42.29 0.66 0.00	46.19 0.82 0.00	49.65 0.88 0.00	53.81 1.00 -0.16	56.59 0.89 0.00	62.43 1.28 -0.16	66.87 0.99 -0.21	73.76 1.01 -0.29	81.87 1.52 -0.42	86.63 1.35 -0.54	85.02 2.45 -0.74	84.37 2.68 -0.48	74.98 2.17 -0.33	68.33 2.24 -0.29	56.78 1.17 0.00	51.36 0.80 -0.11
HARDSCRABBLE_WT_PWR 323673	47.69 -0.53 0.00	41.85 -0.42 0.00	38.19 -0.35 0.00	37.60 -0.34 0.00	35.57 -0.29 0.00	36.63 -0.30 0.00	37.32 -0.34 0.00	36.60 -0.44 0.00	41.09 -0.54 0.00	44.87 -0.50 0.00	48.24 -0.54 0.00	52.02 -0.63 0.00	55.09 -0.61 0.00	60.38 -0.61 0.00	65.02 -0.66 0.00	71.88 -0.58 0.00	79.30 -0.64 0.00	84.23 -0.51 0.00	81.33 -0.49 0.00	80.57 -0.65 0.00	71.75 -0.72 0.00	64.95 -0.86 0.00	54.77 -0.83 0.00	49.63 -0.81 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.00 1.78 0.00	44.47 2.20 0.00	40.73 2.20 0.00	39.91 1.97 0.00	37.69 1.83 0.00	38.92 1.99 0.00	39.62 1.96 0.00	38.86 1.82 0.00	43.63 2.00 0.00	47.37 2.00 0.00	50.87 2.10 0.00	54.76 2.11 0.00	57.98 2.28 0.00	63.49 2.50 0.00	68.43 2.76 0.00	76.23 3.77 0.00	83.94 4.00 0.00	90.24 5.51 0.00	86.16 4.34 0.00	84.96 3.74 0.00	75.45 2.97 0.00	67.91 2.11 0.00	57.83 2.22 0.00	52.66 2.22 0.00
HARSNRAD_115KV_TB1 81005	47.93 -0.29 0.00	41.51 -0.76 0.00	37.61 -0.92 0.00	36.35 -1.59 0.00	34.18 -1.69 0.00	35.23 -1.70 0.00	36.20 -1.47 0.00	35.97 -1.07 0.00	39.71 -1.91 0.00	43.65 -1.72 0.00	47.85 -0.93 0.00	52.55 -0.11 0.00	56.20 0.50 0.00	60.68 -0.30 0.00	65.41 -0.26 0.00	72.97 0.51 0.00	81.14 1.20 0.00	87.10 2.37 0.00	83.29 1.47 0.00	82.12 0.89 0.00	72.77 0.29 0.00	65.15 -0.66 0.00	55.44 -0.17 0.00	49.84 -0.61 0.00
HARZA MOOSE___RIVER 24016	50.22 1.78 -0.22	43.71 1.44 0.00	39.85 1.31 0.00	39.12 1.18 0.00	37.08 1.22 0.00	38.15 1.22 0.00	38.87 1.21 0.00	38.15 1.11 0.00	42.75 1.12 0.00	46.69 1.32 0.00	50.19 1.41 0.00	54.29 1.53 -0.11	57.32 1.62 0.00	63.17 2.07 -0.11	67.86 2.04 -0.15	75.20 2.54 -0.20	83.59 3.36 -0.29	89.01 3.90 -0.38	86.72 4.50 -0.40	85.69 4.14 -0.33	76.18 3.48 -0.23	69.03 3.03 -0.20	57.44 1.84 0.00	51.83 1.31 -0.08
HDSNBRDG_115KV_BRDG_TB1 355580	47.68 -0.53 0.00	41.73 -0.55 0.00	38.07 -0.46 0.00	37.41 -0.53 0.00	35.36 -0.50 0.00	36.37 -0.55 0.00	37.17 -0.49 0.00	36.56 -0.48 0.00	40.96 -0.67 0.00	44.83 -0.54 0.00	48.33 -0.44 0.00	52.39 -0.26 0.00	55.48 -0.22 0.00	60.74 -0.24 0.00	65.48 -0.20 0.00	72.68 0.22 0.00	80.18 0.24 0.00	85.66 0.93 0.00	82.64 0.82 0.00	81.63 0.41 0.00	72.77 0.29 0.00	65.67 -0.13 0.00	55.38 -0.22 0.00	50.14 -0.30 0.00
HELLGATE_13_KV_LD 55870	50.77 2.56 0.00	45.32 3.04 0.00	41.43 2.89 0.00	40.52 2.58 0.00	38.30 2.44 0.00	39.51 2.58 0.00	40.26 2.60 0.00	39.45 2.41 0.00	44.25 2.62 0.00	48.14 2.77 0.00	51.55 2.78 0.00	55.28 2.63 0.00	58.37 2.67 0.00	63.60 2.62 0.01	68.42 2.76 0.01	76.51 4.06 0.01	84.09 4.16 0.01	90.40 5.68 0.01	86.23 4.42 0.01	84.87 3.65 0.01	74.93 2.75 0.30	66.76 1.78 0.82	58.05 2.45 0.00	53.37 2.93 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.77 2.56 0.00	45.32 3.04 0.00	41.43 2.89 0.00	40.52 2.58 0.00	38.30 2.44 0.00	39.51 2.58 0.00	40.26 2.60 0.00	39.45 2.41 0.00	44.25 2.62 0.00	48.14 2.77 0.00	51.55 2.78 0.00	55.28 2.63 0.00	58.37 2.67 0.00	63.60 2.62 0.01	68.42 2.76 0.01	76.51 4.06 0.01	84.09 4.16 0.01	90.40 5.68 0.01	86.23 4.42 0.01	84.87 3.65 0.01	74.93 2.75 0.30	66.76 1.78 0.82	58.05 2.45 0.00	53.37 2.93 0.00
HEMPSTEAD____ 23647	49.00 1.21 0.42	44.94 2.66 0.00	41.27 2.74 0.00	40.22 2.28 0.00	37.98 2.12 0.00	39.25 2.33 0.00	39.92 2.26 0.00	39.26 2.22 0.00	43.87 2.25 0.00	47.00 1.63 0.00	51.12 2.34 -0.01	53.70 1.05 0.00	57.60 1.89 0.00	63.12 2.13 0.00	68.30 2.63 0.00	75.65 3.18 0.00	83.29 3.36 0.00	89.64 4.91 0.00	85.42 3.60 0.00	83.73 2.52 0.01	71.22 1.74 2.99	63.53 1.05 3.32	56.08 1.33 0.86	51.81 1.36 0.00
HICKLING___1 23621	49.13 0.92 0.00	42.87 0.59 0.00	39.15 0.62 0.00	38.20 0.27 0.00	36.11 0.25 0.00	37.11 0.18 0.00	38.04 0.38 0.00	37.45 0.41 0.00	41.67 0.04 0.00	45.60 0.23 0.00	49.31 0.54 0.00	53.81 1.16 0.00	57.43 1.73 0.00	62.51 1.52 0.00	67.51 1.84 0.00	75.14 2.68 0.00	83.22 3.28 0.00	89.48 4.74 0.00	86.24 4.42 0.00	84.96 3.74 0.00	75.74 3.26 0.00	67.91 2.11 0.00	57.39 1.78 0.00	51.55 1.11 0.00
HICKLING___2 23622	49.13 0.92 0.00	42.87 0.59 0.00	39.15 0.62 0.00	38.20 0.27 0.00	36.11 0.25 0.00	37.11 0.18 0.00	38.04 0.38 0.00	37.45 0.41 0.00	41.67 0.04 0.00	45.60 0.23 0.00	49.31 0.54 0.00	53.81 1.16 0.00	57.43 1.73 0.00	62.51 1.52 0.00	67.51 1.84 0.00	75.14 2.68 0.00	83.22 3.28 0.00	89.48 4.74 0.00	86.24 4.42 0.00	84.96 3.74 0.00	75.74 3.26 0.00	67.91 2.11 0.00	57.39 1.78 0.00	51.55 1.11 0.00
HIGH FALLS___HY 23754	50.34 2.12 0.00	44.77 2.49 0.00	40.96 2.43 0.00	40.18 2.24 0.00	37.91 2.04 0.00	39.14 2.22 0.00	39.85 2.18 0.00	39.04 2.00 0.00	43.64 2.21 0.19	47.12 2.18 0.43	50.43 2.29 0.63	54.05 2.26 0.86	57.16 2.51 1.05	62.41 2.81 1.39	67.07 3.09 1.69	74.60 4.28 2.14	84.73 4.80 0.00	90.86 6.44 0.31	87.03 5.32 0.11	85.89 4.71 0.05	76.39 3.91 0.00	68.83 3.03 0.00	58.39 2.78 0.00	53.12 2.67 0.00
HIGH_RIVER___SOLAR 323847	50.53 2.31 0.00	44.47 2.20 0.00	40.58 2.04 0.00	39.95 2.01 0.00	37.76 1.90 0.00	38.88 1.96 0.00	39.55 1.88 0.00	38.56 1.52 0.00	43.12 1.50 0.00	46.82 1.45 0.00	50.04 1.27 0.00	53.76 1.11 0.00	57.15 1.45 0.00	62.76 1.77 0.00	67.64 1.97 0.00	74.85 2.39 0.00	82.66 2.72 0.00	88.88 4.15 0.00	86.15 4.33 0.00	85.69 4.46 0.00	76.53 4.06 0.00	69.23 3.42 0.00	58.55 2.95 0.00	52.96 2.52 0.00
HILLBURN___GT 23639	49.80 1.59 0.00	44.39 2.11 0.00	40.69 2.16 0.00	39.87 1.93 0.00	37.65 1.79 0.00	38.88 1.96 0.00	39.58 1.92 0.00	38.86 1.81 0.00	43.50 1.88 0.00	47.32 1.95 0.00	50.82 2.05 0.00	54.39 1.73 0.00	57.93 2.23 0.00	63.36 2.38 0.00	68.50 2.82 0.00	76.01 3.55 0.00	83.78 3.84 0.00	89.90 5.17 0.00	85.91 4.09 0.00	84.55 3.33 0.00	75.08 2.61 0.00	67.65 1.84 0.00	57.61 2.00 0.00	52.46 2.02 0.00
HILLSIDE_115KV_TB1 80332	48.36 0.14 0.00	42.28 0.00 0.00	38.65 0.12 0.00	37.75 -0.19 0.00	35.72 -0.14 0.00	36.74 -0.18 0.00	37.59 -0.08 0.00	37.01 -0.04 0.00	41.21 -0.42 0.00	45.01 -0.36 0.00	48.63 -0.15 0.00	52.97 0.32 0.00	56.54 0.84 0.00	61.54 0.55 0.00	66.46 0.79 0.00	73.91 1.45 0.00	81.86 1.92 0.00	87.87 3.14 0.00	84.60 2.78 0.00	83.42 2.19 0.00	74.29 1.81 0.00	66.73 0.92 0.00	56.50 0.89 0.00	50.80 0.35 0.00

HISHELDN_WT_PWR 323625	48.70 0.48 0.00	42.11 -0.17 0.00	38.11 -0.42 0.00	36.88 -1.06 0.00	34.93 -0.93 0.00	35.82 -1.11 0.00	36.91 -0.75 0.00	36.49 -0.55 0.00	40.96 -0.67 0.00	44.56 -0.82 0.00	48.77 0.00 0.00	54.39 1.73 0.00	56.87 1.17 0.00	61.47 0.49 0.00	67.58 1.91 0.00	74.20 1.74 0.00	82.66 2.72 0.00	88.12 3.39 0.00	84.68 2.86 0.00	83.66 2.43 0.00	74.29 1.81 0.00	66.40 0.59 0.00	56.28 0.67 0.00	51.05 0.61 0.00
HOLTSVILLE_IC_1 23690	47.96 0.58 0.84	44.98 2.71 0.00	41.43 2.89 0.00	40.22 2.28 0.00	37.94 2.08 0.00	39.29 2.37 0.00	39.89 2.22 0.00	39.30 2.26 0.00	43.79 2.16 0.00	46.51 1.13 0.00	50.92 2.14 -0.01	52.76 0.11 0.00	56.84 1.28 0.14	62.01 1.53 0.50	67.13 2.10 0.64	74.43 2.47 0.49	81.95 2.56 0.55	88.11 4.40 1.03	84.31 2.94 0.45	81.93 1.54 0.84	67.26 0.80 6.01	59.20 0.26 6.87	54.54 0.67 1.73	51.35 0.91 0.00
HOLTSVILLE_IC_10 23699	48.25 0.87 0.83	45.19 2.91 0.00	41.62 3.08 0.00	40.40 2.46 0.00	38.09 2.22 0.00	39.44 2.51 0.00	40.04 2.37 0.00	39.45 2.41 0.00	44.00 2.37 0.00	46.73 1.36 0.00	51.22 2.44 -0.01	53.23 0.58 0.00	57.30 1.78 0.18	62.41 2.07 0.65	67.53 2.69 0.84	74.86 3.04 0.64	82.50 3.28 0.71	88.68 5.17 1.22	84.98 3.69 0.52	82.33 2.19 1.08	67.88 1.37 5.97	59.73 0.79 6.87	54.94 1.05 1.72	51.71 1.26 0.00
HOLTSVILLE_IC_2 23691	47.96 0.58 0.84	44.98 2.71 0.00	41.43 2.89 0.00	40.22 2.28 0.00	37.94 2.08 0.00	39.29 2.37 0.00	39.89 2.22 0.00	39.30 2.26 0.00	43.79 2.16 0.00	46.51 1.13 0.00	50.92 2.14 -0.01	52.76 0.11 0.00	56.84 1.28 0.14	62.01 1.53 0.50	67.13 2.10 0.64	74.43 2.47 0.49	81.95 2.56 0.55	88.11 4.40 1.03	84.31 2.94 0.45	81.93 1.54 0.84	67.26 0.80 6.01	59.20 0.26 6.87	54.54 0.67 1.73	51.35 0.91 0.00
HOLTSVILLE_IC_3 23692	47.96 0.58 0.84	44.98 2.71 0.00	41.43 2.89 0.00	40.22 2.28 0.00	37.94 2.08 0.00	39.29 2.37 0.00	39.89 2.22 0.00	39.30 2.26 0.00	43.79 2.16 0.00	46.51 1.13 0.00	50.92 2.14 -0.01	52.76 0.11 0.00	56.84 1.28 0.14	62.01 1.53 0.50	67.13 2.10 0.64	74.43 2.47 0.49	81.95 2.56 0.55	88.11 4.40 1.03	84.31 2.94 0.45	81.93 1.54 0.84	67.26 0.80 6.01	59.20 0.26 6.87	54.54 0.67 1.73	51.35 0.91 0.00
HOLTSVILLE_IC_4 23693	47.96 0.58 0.84	44.98 2.71 0.00	41.43 2.89 0.00	40.22 2.28 0.00	37.94 2.08 0.00	39.29 2.37 0.00	39.89 2.22 0.00	39.30 2.26 0.00	43.79 2.16 0.00	46.51 1.13 0.00	50.92 2.14 -0.01	52.76 0.11 0.00	56.84 1.28 0.14	62.01 1.53 0.50	67.13 2.10 0.64	74.43 2.47 0.49	81.95 2.56 0.55	88.11 4.40 1.03	84.31 2.94 0.45	81.93 1.54 0.84	67.26 0.80 6.01	59.20 0.26 6.87	54.54 0.67 1.73	51.35 0.91 0.00
HOLTSVILLE_IC_5 23694	47.96 0.58 0.84	44.98 2.71 0.00	41.43 2.89 0.00	40.22 2.28 0.00	37.94 2.08 0.00	39.29 2.37 0.00	39.89 2.22 0.00	39.30 2.26 0.00	43.79 2.16 0.00	46.51 1.13 0.00	50.92 2.14 -0.01	52.76 0.11 0.00	56.84 1.28 0.14	62.01 1.53 0.50	67.13 2.10 0.64	74.43 2.47 0.49	81.95 2.56 0.55	88.11 4.40 1.03	84.31 2.94 0.45	81.93 1.54 0.84	67.26 0.80 6.01	59.20 0.26 6.87	54.54 0.67 1.73	51.35 0.91 0.00
HOLTSVILLE_IC_6 23695	48.25 0.87 0.83	45.19 2.91 0.00	41.62 3.08 0.00	40.40 2.46 0.00	38.09 2.22 0.00	39.44 2.51 0.00	40.04 2.37 0.00	39.45 2.41 0.00	44.00 2.37 0.00	46.73 1.36 0.00	51.22 2.44 -0.01	53.23 0.58 0.00	57.30 1.78 0.18	62.41 2.07 0.65	67.53 2.69 0.84	74.86 3.04 0.64	82.50 3.28 0.71	88.68 5.17 1.22	84.98 3.69 0.52	82.33 2.19 1.08	67.88 1.37 5.97	59.73 0.79 6.87	54.94 1.05 1.72	51.71 1.26 0.00
HOLTSVILLE_IC_7 23696	48.25 0.87 0.83	45.19 2.91 0.00	41.62 3.08 0.00	40.40 2.46 0.00	38.09 2.22 0.00	39.44 2.51 0.00	40.04 2.37 0.00	39.45 2.41 0.00	44.00 2.37 0.00	46.73 1.36 0.00	51.22 2.44 -0.01	53.23 0.58 0.00	57.30 1.78 0.18	62.41 2.07 0.65	67.53 2.69 0.84	74.86 3.04 0.64	82.50 3.28 0.71	88.68 5.17 1.22	84.98 3.69 0.52	82.33 2.19 1.08	67.88 1.37 5.97	59.73 0.79 6.87	54.94 1.05 1.72	51.71 1.26 0.00
HOLTSVILLE_IC_8 23697	48.25 0.87 0.83	45.19 2.91 0.00	41.62 3.08 0.00	40.40 2.46 0.00	38.09 2.22 0.00	39.44 2.51 0.00	40.04 2.37 0.00	39.45 2.41 0.00	44.00 2.37 0.00	46.73 1.36 0.00	51.22 2.44 -0.01	53.23 0.58 0.00	57.30 1.78 0.18	62.41 2.07 0.65	67.53 2.69 0.84	74.86 3.04 0.64	82.50 3.28 0.71	88.68 5.17 1.22	84.98 3.69 0.52	82.33 2.19 1.08	67.88 1.37 5.97	59.73 0.79 6.87	54.94 1.05 1.72	51.71 1.26 0.00
HOLTSVILLE_IC_9 23698	48.25 0.87 0.83	45.19 2.91 0.00	41.62 3.08 0.00	40.40 2.46 0.00	38.09 2.22 0.00	39.44 2.51 0.00	40.04 2.37 0.00	39.45 2.41 0.00	44.00 2.37 0.00	46.73 1.36 0.00	51.22 2.44 -0.01	53.23 0.58 0.00	57.30 1.78 0.18	62.41 2.07 0.65	67.53 2.69 0.84	74.86 3.04 0.64	82.50 3.28 0.71	88.68 5.17 1.22	84.98 3.69 0.52	82.33 2.19 1.08	67.88 1.37 5.97	59.73 0.79 6.87	54.94 1.05 1.72	51.71 1.26 0.00
HOMER_HL_115KV_TB2 355744	47.40 -0.82 0.00	41.18 -1.10 0.00	37.65 -0.89 0.00	36.35 -1.59 0.00	34.43 -1.43 0.00	35.41 -1.51 0.00	36.38 -1.28 0.00	36.23 -0.81 0.00	40.17 -1.46 0.00	43.92 -1.45 0.00	47.85 -0.93 0.00	52.49 -0.16 0.00	56.54 0.84 0.00	60.44 -0.55 0.00	65.35 -0.33 0.00	72.82 0.36 0.00	80.98 1.04 0.00	87.27 2.54 0.00	83.21 1.39 0.00	82.03 0.81 0.00	72.77 0.29 0.00	65.02 -0.79 0.00	55.94 0.33 0.00	49.69 -0.76 0.00
HOWARD_WT_PWR 323690	49.76 1.54 0.00	43.08 0.80 0.00	39.19 0.65 0.00	38.09 0.15 0.00	36.01 0.14 0.00	36.96 0.04 0.00	38.00 0.34 0.00	37.38 0.33 0.00	41.80 0.17 0.00	45.60 0.23 0.00	49.60 0.83 0.00	54.91 2.26 0.00	57.60 1.89 0.00	62.39 1.40 0.00	68.37 2.69 0.00	75.22 2.75 0.00	83.70 3.76 0.00	89.47 4.74 0.00	86.73 4.91 0.00	85.77 4.55 0.00	76.39 3.91 0.00	68.24 2.44 0.00	57.67 2.06 0.00	52.06 1.61 0.00
HQ_GEN_CEDARS 23644	48.99 0.77 0.00	42.57 0.30 0.00	38.65 0.12 0.00	38.05 0.11 0.00	35.93 0.07 0.00	36.96 0.04 0.00	37.70 0.04 0.00	37.30 0.26 0.00	42.17 0.54 0.00	46.01 0.64 0.00	49.46 0.68 0.00	53.34 0.68 0.00	56.31 0.61 0.00	61.72 0.73 0.00	66.40 0.72 0.00	72.46 0.00 0.00	79.94 0.00 0.00	82.44 -2.29 0.00	81.98 -0.41 -0.57	81.38 0.16 0.00	72.69 0.22 0.00	66.60 0.79 0.00	55.94 0.33 0.00	50.85 0.40 0.00
HQ_GEN_CEDARS_PROXY 323590	48.98 0.77 0.00	42.57 0.30 0.00	38.65 0.12 0.00	38.05 0.11 0.00	35.93 0.07 0.00	36.96 0.04 0.00	37.47 0.04 0.23	37.54 0.26 -0.23	42.17 0.54 0.00	46.01 0.63 0.00	49.45 0.68 0.00	53.32 0.68 0.01	56.33 0.61 -0.01	61.72 0.73 0.00	65.94 0.26 0.00	72.46 0.00 0.00	79.94 0.00 0.00	83.37 -1.36 0.00	81.98 -0.41 -0.57	81.38 0.16 0.00	72.70 0.22 0.00	66.60 0.79 0.00	55.94 0.34 0.00	50.85 0.40 0.00

HQ_GEN_IMPORT 323601	48.22 0.00 0.00	42.06 -0.21 0.00	38.23 -0.31 0.00	37.63 -0.30 0.00	35.57 -0.29 0.00	36.59 -0.33 0.00	37.09 -0.34 0.23	37.16 -0.11 -0.23	41.63 0.00 0.00	45.37 0.00 0.00	48.77 0.00 0.00	52.59 -0.05 0.01	55.66 -0.06 -0.01	60.99 0.00 0.00	65.28 -0.39 0.00	71.74 -0.72 0.00	80.40 -0.80 -1.26	81.78 -1.69 1.26	80.41 -1.39 0.02	80.41 -0.81 0.00	71.90 -0.58 0.00	65.74 -0.07 0.00	55.44 -0.17 0.00	50.29 -0.15 0.00
HQ_GEN_WHEEL 23651	48.22 0.00 0.00	42.06 -0.21 0.00	38.23 -0.31 0.00	37.63 -0.30 0.00	35.57 -0.29 0.00	36.59 -0.33 0.00	37.09 -0.34 0.23	37.16 -0.11 -0.23	41.63 0.00 0.00	45.37 0.00 0.00	48.77 0.00 0.00	52.59 -0.05 0.01	55.66 -0.06 -0.01	60.99 0.00 0.00	65.28 -0.39 0.00	71.74 -0.72 0.00	80.40 -0.80 -1.26	81.78 -1.69 1.26	80.41 -1.39 0.02	80.41 -0.81 0.00	71.90 -0.58 0.00	65.74 -0.07 0.00	55.44 -0.17 0.00	50.29 -0.15 0.00
HUDSON AVE_GT_3 23810	50.38 2.17 0.00	44.98 2.71 0.00	41.12 2.58 0.00	40.25 2.31 0.00	38.01 2.15 0.00	39.22 2.29 0.00	40.04 2.37 0.00	39.30 2.26 0.00	44.17 2.54 0.00	48.00 2.63 0.00	51.50 2.73 0.00	55.18 2.53 0.00	58.32 2.62 0.00	63.67 2.68 0.00	68.43 2.76 0.00	76.52 4.06 0.00	84.09 4.16 0.00	90.41 5.68 0.00	86.24 4.42 0.00	84.80 3.57 0.00	75.23 2.75 0.00	67.58 1.78 0.00	57.83 2.22 0.00	52.92 2.47 0.00
HUDSON AVE_GT_4 23540	50.38 2.17 0.00	44.98 2.71 0.00	41.12 2.58 0.00	40.25 2.31 0.00	38.01 2.15 0.00	39.22 2.29 0.00	40.04 2.37 0.00	39.30 2.26 0.00	44.17 2.54 0.00	48.00 2.63 0.00	51.50 2.73 0.00	55.18 2.53 0.00	58.32 2.62 0.00	63.67 2.68 0.00	68.43 2.76 0.00	76.52 4.06 0.00	84.09 4.16 0.00	90.41 5.68 0.00	86.24 4.42 0.00	84.80 3.57 0.00	75.23 2.75 0.00	67.58 1.78 0.00	57.83 2.22 0.00	52.92 2.47 0.00
HUDSON AVE_GT_5 23657	50.38 2.17 0.00	44.98 2.71 0.00	41.12 2.58 0.00	40.25 2.31 0.00	38.01 2.15 0.00	39.22 2.29 0.00	40.04 2.37 0.00	39.30 2.26 0.00	44.17 2.54 0.00	48.00 2.63 0.00	51.50 2.73 0.00	55.18 2.53 0.00	58.32 2.62 0.00	63.67 2.68 0.00	68.43 2.76 0.00	76.52 4.06 0.00	84.09 4.16 0.00	90.41 5.68 0.00	86.24 4.42 0.00	84.80 3.57 0.00	75.23 2.75 0.00	67.58 1.78 0.00	57.83 2.22 0.00	52.92 2.47 0.00
HUDSON_AVE_10 24168	50.29 2.07 0.00	44.85 2.58 0.00	41.04 2.50 0.00	40.14 2.20 0.00	37.94 2.08 0.00	39.14 2.22 0.00	39.96 2.30 0.00	39.27 2.22 0.00	44.13 2.50 0.00	47.96 2.59 0.00	51.41 2.63 0.00	55.13 2.47 0.00	58.21 2.51 0.00	63.49 2.50 0.00	68.24 2.56 0.00	76.38 3.91 0.00	83.94 4.00 0.00	90.45 5.51 -0.21	86.19 4.25 -0.11	84.63 3.41 0.00	75.01 2.54 0.00	67.39 1.58 0.00	57.78 2.17 0.00	52.87 2.42 0.00
HUDSON___115KV_TB 4 355613	49.42 1.21 0.00	43.59 1.31 0.00	39.77 1.23 0.00	39.23 1.29 0.00	37.04 1.18 0.00	38.18 1.26 0.00	38.87 1.21 0.00	37.93 0.89 0.00	41.86 0.96 0.73	44.57 0.82 1.61	47.01 0.63 2.40	49.91 0.53 3.27	52.00 0.28 3.98	56.16 0.43 5.25	59.84 0.59 6.42	65.44 1.09 8.11	81.20 1.28 0.02	86.28 2.71 1.16	83.86 2.45 0.42	83.32 2.27 0.17	74.14 1.67 0.00	67.19 1.38 0.00	56.83 1.22 0.00	51.45 1.01 0.00
HUNTER MOUNT___DRP 323613	49.66 1.45 0.00	43.80 1.52 0.00	39.88 1.35 0.00	39.34 1.40 0.00	37.15 1.29 0.00	38.29 1.37 0.00	38.94 1.28 0.00	37.97 0.93 0.00	41.73 1.17 1.06	44.02 1.00 2.35	46.06 0.78 3.49	48.63 0.74 4.76	50.47 0.56 5.78	54.14 0.79 7.65	57.31 0.99 9.35	62.19 1.52 11.80	81.59 1.68 0.02	86.35 3.30 1.69	84.24 3.03 0.61	83.97 3.01 0.25	74.58 2.10 0.00	67.58 1.78 0.00	57.05 1.45 0.00	51.65 1.21 0.00
HUNTINGTON_RES_REC 323705	47.82 0.43 0.83	44.85 2.58 0.00	41.35 2.81 0.00	40.18 2.24 0.00	37.90 2.04 0.00	39.22 2.29 0.00	39.85 2.18 0.00	39.26 2.22 0.00	43.71 2.08 0.00	46.33 0.95 0.00	50.83 2.05 -0.01	52.86 0.21 0.00	56.45 1.28 0.53	60.69 1.58 1.89	65.41 2.16 2.43	73.13 2.53 1.87	80.59 2.72 2.07	86.31 4.40 2.83	83.62 2.94 1.14	79.73 1.62 3.11	67.40 0.87 5.95	58.76 0.26 7.31	54.45 0.56 1.72	51.15 0.71 0.00
HUNTLEY___63 23557	48.36 0.14 0.00	41.94 -0.34 0.00	37.96 -0.58 0.00	36.69 -1.25 0.00	34.86 -1.00 0.00	35.56 -1.37 0.00	36.57 -1.09 0.00	36.41 -0.63 0.00	40.38 -1.25 0.00	44.37 -1.00 0.00	48.63 -0.15 0.00	53.44 0.79 0.00	57.20 1.50 0.00	61.84 0.85 0.00	66.53 0.85 0.00	73.98 1.52 0.00	82.26 2.32 0.00	88.21 3.47 0.00	84.27 2.45 0.00	83.01 1.79 0.00	73.49 1.01 0.00	65.94 0.13 0.00	56.11 0.50 0.00	50.24 -0.20 0.00
HUNTLEY___64 23558	48.36 0.14 0.00	41.94 -0.34 0.00	37.96 -0.58 0.00	36.69 -1.25 0.00	34.86 -1.00 0.00	35.56 -1.37 0.00	36.57 -1.09 0.00	36.41 -0.63 0.00	40.38 -1.25 0.00	44.37 -1.00 0.00	48.63 -0.15 0.00	53.44 0.79 0.00	57.20 1.50 0.00	61.84 0.85 0.00	66.53 0.85 0.00	73.98 1.52 0.00	82.26 2.32 0.00	88.21 3.47 0.00	84.27 2.45 0.00	83.01 1.79 0.00	73.49 1.01 0.00	65.94 0.13 0.00	56.11 0.50 0.00	50.24 -0.20 0.00
HUNTLEY___65 23559	48.36 0.14 0.00	41.94 -0.34 0.00	37.96 -0.58 0.00	36.69 -1.25 0.00	34.86 -1.00 0.00	35.56 -1.37 0.00	36.57 -1.09 0.00	36.41 -0.63 0.00	40.38 -1.25 0.00	44.37 -1.00 0.00	48.63 -0.15 0.00	53.44 0.79 0.00	57.20 1.50 0.00	61.84 0.85 0.00	66.53 0.85 0.00	73.98 1.52 0.00	82.26 2.32 0.00	88.21 3.47 0.00	84.27 2.45 0.00	83.01 1.79 0.00	73.49 1.01 0.00	65.94 0.13 0.00	56.11 0.50 0.00	50.24 -0.20 0.00
HUNTLEY___66 23560	48.36 0.14 0.00	41.94 -0.34 0.00	37.96 -0.58 0.00	36.69 -1.25 0.00	34.86 -1.00 0.00	35.56 -1.37 0.00	36.57 -1.09 0.00	36.41 -0.63 0.00	40.38 -1.25 0.00	44.37 -1.00 0.00	48.63 -0.15 0.00	53.44 0.79 0.00	57.20 1.50 0.00	61.84 0.85 0.00	66.53 0.85 0.00	73.98 1.52 0.00	82.26 2.32 0.00	88.21 3.47 0.00	84.27 2.45 0.00	83.01 1.79 0.00	73.49 1.01 0.00	65.94 0.13 0.00	56.11 0.50 0.00	50.24 -0.20 0.00
HUNTLEY___67 23561	48.07 -0.14 0.00	41.68 -0.59 0.00	37.77 -0.77 0.00	36.54 -1.40 0.00	34.61 -1.26 0.00	35.41 -1.51 0.00	36.46 -1.21 0.00	36.30 -0.74 0.00	40.25 -1.37 0.00	44.19 -1.18 0.00	48.38 -0.39 0.00	53.07 0.42 0.00	56.82 1.11 0.00	61.35 0.37 0.00	66.20 0.53 0.00	73.84 1.38 0.00	82.10 2.16 0.00	88.21 3.47 0.00	84.27 2.45 0.00	83.01 1.79 0.00	73.56 1.09 0.00	65.81 0.00 0.00	55.77 0.17 0.00	49.89 -0.55 0.00
HUNTLEY___68 23562	48.07 -0.14 0.00	41.68 -0.59 0.00	37.77 -0.77 0.00	36.54 -1.40 0.00	34.61 -1.26 0.00	35.41 -1.51 0.00	36.46 -1.21 0.00	36.30 -0.74 0.00	40.25 -1.37 0.00	44.19 -1.18 0.00	48.38 -0.39 0.00	53.07 0.42 0.00	56.82 1.11 0.00	61.35 0.37 0.00	66.20 0.53 0.00	73.84 1.38 0.00	82.10 2.16 0.00	88.21 3.47 0.00	84.27 2.45 0.00	83.01 1.79 0.00	73.56 1.09 0.00	65.81 0.00 0.00	55.77 0.17 0.00	49.89 -0.55 0.00

HYLAND___LFGE 323620	51.78 3.57 0.00	44.47 2.20 0.00	40.35 1.81 0.00	39.19 1.25 0.00	37.08 1.22 0.00	38.03 1.11 0.00	38.98 1.32 0.00	38.23 1.19 0.00	42.34 0.71 0.00	45.42 0.05 0.00	48.92 0.15 0.00	53.91 1.26 0.00	56.54 0.84 0.00	59.16 -1.83 0.00	64.62 -1.05 0.00	71.38 -1.08 0.00	79.94 0.00 0.00	87.02 2.29 0.00	85.99 4.17 0.00	86.82 5.60 0.00	78.06 5.58 0.00	70.28 4.48 0.00	60.89 5.29 0.00	54.83 4.39 0.00
INDECK___CORINTH 23802	50.33 2.12 0.00	44.39 2.11 0.00	40.46 1.93 0.00	39.80 1.86 0.00	37.58 1.72 0.00	38.74 1.81 0.00	39.47 1.81 0.00	38.63 1.59 0.00	43.46 1.83 0.00	47.23 1.86 0.00	50.19 1.37 0.00	54.02 1.50 0.00	57.21 1.71 0.00	62.69 1.71 0.00	67.84 2.16 0.00	75.15 2.68 0.00	83.05 3.11 0.00	89.30 4.57 0.00	86.73 4.91 0.00	85.93 4.71 0.00	76.68 4.20 0.00	69.29 3.49 0.00	58.50 2.89 0.00	52.77 2.32 0.00
INDECK___ILION 23567	48.07 -0.14 0.00	42.19 -0.08 0.00	38.50 -0.04 0.00	37.90 -0.04 0.00	35.86 0.00 0.00	36.93 0.00 0.00	37.63 -0.04 0.00	36.93 -0.11 0.00	41.46 -0.17 0.00	45.24 -0.14 0.00	48.63 -0.15 0.00	52.49 -0.16 0.00	55.53 -0.17 0.00	60.87 -0.12 0.00	65.48 -0.20 0.00	72.46 0.00 0.00	79.94 0.00 0.00	85.07 0.34 0.00	82.07 0.25 0.00	81.30 0.08 0.00	72.41 -0.07 0.00	65.61 -0.20 0.00	55.38 -0.22 0.00	50.19 -0.25 0.00
INDECK___OLEAN 23982	47.59 -0.63 0.00	41.22 -1.06 0.00	37.61 -0.93 0.00	36.31 -1.63 0.00	34.43 -1.44 0.00	35.41 -1.52 0.00	36.42 -1.24 0.00	36.23 -0.82 0.00	40.59 -1.04 0.00	44.15 -1.22 0.00	48.24 -0.54 0.00	54.07 1.42 0.00	56.54 0.84 0.00	60.44 -0.55 0.00	66.72 1.05 0.00	73.04 0.58 0.00	81.45 1.52 0.00	87.02 2.29 0.00	83.29 1.47 0.00	82.03 0.81 0.00	72.70 0.22 0.00	65.08 -0.72 0.00	55.94 0.34 0.00	50.70 0.25 0.00
INDECK___OSWEGO 23783	50.16 -0.87 -2.81	41.43 -0.85 0.00	37.80 -0.73 0.00	37.14 -0.80 0.00	35.11 -0.75 0.00	36.11 -0.81 0.00	36.95 -0.72 0.00	36.30 -0.74 0.00	40.75 -0.88 0.00	44.46 -0.91 0.00	47.90 -0.88 0.00	53.38 -0.69 -1.42	54.36 -1.34 0.00	60.84 -1.52 -1.37	66.14 -1.38 -1.84	73.59 -1.38 -2.50	82.20 -1.44 -3.70	88.41 -1.10 -4.78	84.98 -0.98 -4.14	84.18 -1.22 -4.18	74.20 -1.16 -2.88	67.01 -1.32 -2.52	54.44 -1.17 0.00	50.74 -0.71 -1.01
INDECK___YERKES 23781	48.70 0.48 0.00	42.02 -0.25 0.00	38.11 -0.42 0.00	36.84 -1.10 0.00	34.89 -0.97 0.00	35.60 -1.33 0.00	36.72 -0.94 0.00	36.45 -0.59 0.00	41.13 -0.50 0.00	44.74 -0.64 0.00	49.12 0.34 0.00	54.91 2.26 0.00	57.26 1.56 0.00	61.90 0.92 0.00	67.91 2.23 0.00	74.13 1.67 0.00	82.66 2.72 0.00	87.95 3.22 0.00	84.19 2.37 0.00	83.01 1.78 0.00	73.49 1.01 0.00	66.07 0.26 0.00	56.22 0.61 0.00	51.20 0.76 0.00
INDIAN POINT_GT_1 24139	49.85 1.64 0.00	44.43 2.16 0.00	40.69 2.16 0.00	39.91 1.97 0.00	37.65 1.79 0.00	38.88 1.96 0.00	39.62 1.96 0.00	38.86 1.82 0.00	43.63 2.00 0.00	47.37 2.00 0.00	50.92 2.15 0.00	54.65 2.00 0.00	57.82 2.12 0.00	63.18 2.20 0.00	68.04 2.36 0.00	75.94 3.48 0.00	83.54 3.60 0.00	89.82 5.08 0.00	85.75 3.93 0.00	84.39 3.17 0.00	74.87 2.39 0.00	67.39 1.58 0.00	57.50 1.89 0.00	52.56 2.12 0.00
INDIAN POINT_GT_2 23659	49.85 1.64 0.00	44.43 2.16 0.00	40.69 2.16 0.00	39.91 1.97 0.00	37.65 1.79 0.00	38.88 1.96 0.00	39.62 1.96 0.00	38.86 1.82 0.00	43.63 2.00 0.00	47.37 2.00 0.00	50.92 2.15 0.00	54.65 2.00 0.00	57.82 2.12 0.00	63.18 2.20 0.00	68.04 2.36 0.00	75.94 3.48 0.00	83.54 3.60 0.00	89.82 5.08 0.00	85.75 3.93 0.00	84.39 3.17 0.00	74.87 2.39 0.00	67.39 1.58 0.00	57.50 1.89 0.00	52.56 2.12 0.00
INDIAN POINT_GT_3 24019	49.85 1.64 0.00	44.43 2.16 0.00	40.69 2.16 0.00	39.91 1.97 0.00	37.65 1.79 0.00	38.88 1.96 0.00	39.62 1.96 0.00	38.86 1.82 0.00	43.63 2.00 0.00	47.37 2.00 0.00	50.92 2.15 0.00	54.65 2.00 0.00	57.82 2.12 0.00	63.18 2.20 0.00	68.04 2.36 0.00	75.94 3.48 0.00	83.54 3.60 0.00	89.82 5.08 0.00	85.75 3.93 0.00	84.39 3.17 0.00	74.87 2.39 0.00	67.39 1.58 0.00	57.50 1.89 0.00	52.56 2.12 0.00
INDIAN POINT___2 23530	49.71 1.50 0.00	44.35 2.07 0.00	40.65 2.12 0.00	39.84 1.90 0.00	37.62 1.76 0.00	38.85 1.92 0.00	39.55 1.88 0.00	38.82 1.78 0.00	43.42 1.79 0.00	47.23 1.86 0.00	50.73 1.95 0.00	54.23 1.58 0.00	57.70 2.00 0.00	63.12 2.13 0.00	68.23 2.56 0.00	75.73 3.26 0.00	83.45 3.51 0.00	89.56 4.83 0.00	85.59 3.77 0.00	84.31 3.09 0.00	74.80 2.32 0.00	67.38 1.58 0.00	57.44 1.83 0.00	52.31 1.87 0.00
INDIAN POINT___3 23531	49.81 1.59 0.00	44.39 2.11 0.00	40.66 2.12 0.00	39.84 1.90 0.00	37.62 1.76 0.00	38.85 1.92 0.00	39.58 1.92 0.00	38.82 1.78 0.00	43.59 1.96 0.00	47.32 1.95 0.00	50.82 2.05 0.00	54.60 1.95 0.00	57.71 2.01 0.00	63.12 2.13 0.00	67.91 2.23 0.00	75.80 3.33 0.00	83.38 3.44 0.00	89.56 4.83 0.00	85.58 3.76 0.00	84.23 3.01 0.00	74.80 2.32 0.00	67.32 1.51 0.00	57.44 1.84 0.00	52.46 2.02 0.00
INGHAM_C_115KV_TB7 356103	47.35 -0.87 0.00	41.56 -0.72 0.00	37.92 -0.62 0.00	37.33 -0.61 0.00	35.32 -0.54 0.00	36.37 -0.55 0.00	37.06 -0.60 0.00	36.34 -0.70 0.00	40.80 -0.83 0.00	44.56 -0.82 0.00	47.85 -0.93 0.00	51.65 -1.00 0.00	54.64 -1.06 0.00	59.89 -1.10 0.00	64.43 -1.25 0.00	71.30 -1.16 0.00	78.66 -1.28 0.00	83.63 -1.10 0.00	80.67 -1.15 0.00	80.00 -1.22 0.00	71.25 -1.23 0.00	64.49 -1.32 0.00	54.44 -1.17 0.00	49.28 -1.16 0.00
IP CORINTH___1 23988	50.63 2.41 0.00	44.60 2.33 0.00	40.66 2.12 0.00	39.99 2.05 0.00	37.80 1.94 0.00	38.92 1.99 0.00	39.70 2.03 0.00	38.82 1.78 0.00	43.71 2.08 0.00	47.50 2.13 0.00	50.53 1.76 0.00	54.44 1.79 0.00	57.54 1.84 0.00	63.06 2.07 0.00	68.04 2.36 0.00	75.58 3.12 0.00	83.54 3.60 0.00	89.90 5.17 0.00	87.22 5.40 0.00	86.34 5.12 0.00	77.12 4.64 0.00	69.62 3.82 0.00	58.83 3.23 0.00	53.07 2.62 0.00
IP___TICONDEROGA 23804	53.57 5.35 0.00	47.01 4.73 0.00	42.74 4.20 0.00	41.88 3.95 0.00	39.59 3.73 0.00	40.77 3.84 0.00	41.58 3.92 0.00	40.67 3.63 0.00	45.92 4.29 0.00	50.00 4.63 0.00	53.26 4.49 0.00	57.44 4.79 0.00	60.66 4.96 0.00	66.54 5.55 0.00	71.85 6.17 0.00	80.00 7.54 0.00	88.41 8.47 0.00	95.75 11.02 0.00	92.78 10.96 0.00	92.19 10.96 0.00	82.19 9.71 0.00	74.16 8.36 0.00	62.45 6.84 0.00	56.09 5.65 0.00
ISLIP_RES_REC 323679	48.54 1.16 0.83	45.45 3.17 0.00	41.81 3.27 0.00	40.59 2.65 0.00	38.26 2.40 0.00	39.62 2.69 0.00	40.23 2.56 0.00	39.63 2.59 0.00	44.21 2.58 0.00	47.00 1.63 0.00	51.56 2.78 -0.01	53.60 0.95 0.00	57.75 2.23 0.18	62.91 2.56 0.64	68.07 3.22 0.82	75.53 3.69 0.63	83.24 4.00 0.70	89.55 6.02 1.20	85.72 4.42 0.51	83.00 2.84 1.06	68.50 1.96 5.93	60.22 1.25 6.83	55.29 1.39 1.71	52.01 1.57 0.00

JAMAICA__27_KV_LOAD 355505	50.67 2.46 0.00	45.19 2.92 0.00	41.27 2.74 0.00	40.37 2.43 0.00	38.16 2.30 0.00	39.36 2.44 0.00	40.30 2.64 0.00	39.64 2.59 0.00	44.63 3.00 0.00	48.50 3.13 0.00	51.80 3.02 0.00	55.55 2.90 0.00	58.71 3.01 0.00	64.04 3.05 0.00	68.76 3.09 0.00	77.10 4.64 0.00	84.65 4.72 0.00	91.43 6.44 -0.26	87.03 5.07 -0.14	85.45 4.22 0.00	75.67 3.19 0.00	67.85 2.04 0.00	58.39 2.78 0.00	53.32 2.88 0.00
JANIS__SOLAR 323808	50.82 2.60 0.00	44.30 2.03 0.00	40.42 1.89 0.00	39.61 1.67 0.00	37.55 1.69 0.00	38.59 1.66 0.00	39.43 1.77 0.00	38.63 1.59 0.00	43.12 1.50 0.00	46.96 1.59 0.00	50.48 1.71 0.00	54.97 2.31 0.00	57.99 2.28 0.00	63.67 2.68 0.00	68.96 3.28 0.00	76.52 4.06 0.00	85.13 5.19 0.00	91.26 6.52 0.00	89.10 7.28 0.00	88.21 6.99 0.00	78.57 6.09 0.00	70.80 5.00 0.00	59.22 3.61 0.00	53.47 3.03 0.00
JARVIS____ 23743	48.36 0.15 0.00	42.49 0.21 0.00	38.77 0.23 0.00	38.17 0.23 0.00	36.11 0.25 0.00	37.19 0.26 0.00	37.89 0.23 0.00	37.19 0.15 0.00	41.75 0.13 0.00	45.51 0.14 0.00	48.92 0.15 0.00	52.76 0.11 0.00	55.81 0.11 0.00	61.17 0.18 0.00	65.94 0.26 0.00	72.83 0.36 0.00	80.42 0.48 0.00	85.41 0.67 0.00	82.40 0.58 0.00	81.71 0.49 0.00	72.84 0.36 0.00	66.00 0.20 0.00	55.77 0.17 0.00	50.54 0.10 0.00
JENNISON____1 23625	51.01 2.80 0.00	44.68 2.41 0.00	40.81 2.27 0.00	40.03 2.09 0.00	37.94 2.08 0.00	39.07 2.14 0.00	39.85 2.18 0.00	39.08 2.04 0.00	43.63 2.00 0.00	47.73 2.36 0.00	51.36 2.58 0.00	55.71 3.05 0.00	59.21 3.51 0.00	65.01 4.03 0.00	69.81 4.14 0.00	77.82 5.36 0.00	86.41 6.47 0.00	92.61 7.88 0.00	89.67 7.85 0.00	88.53 7.31 0.00	78.71 6.23 0.00	71.00 5.20 0.00	59.50 3.89 0.00	53.52 3.08 0.00
JENNISON____2 23626	51.01 2.80 0.00	44.68 2.41 0.00	40.81 2.27 0.00	40.03 2.09 0.00	37.94 2.08 0.00	39.07 2.14 0.00	39.85 2.18 0.00	39.08 2.04 0.00	43.63 2.00 0.00	47.73 2.36 0.00	51.36 2.58 0.00	55.71 3.05 0.00	59.21 3.51 0.00	65.01 4.03 0.00	69.81 4.14 0.00	77.82 5.36 0.00	86.41 6.47 0.00	92.61 7.88 0.00	89.67 7.85 0.00	88.53 7.31 0.00	78.71 6.23 0.00	71.00 5.20 0.00	59.50 3.89 0.00	53.52 3.08 0.00
JERICOHO_RISE_WT_PWR 323719	48.22 0.00 0.00	42.15 -0.13 0.00	38.27 -0.27 0.00	37.71 -0.23 0.00	35.61 -0.25 0.00	36.63 -0.30 0.00	37.40 -0.26 0.00	37.01 -0.04 0.00	41.80 0.17 0.00	45.55 0.18 0.00	48.82 0.05 0.00	52.65 0.00 0.00	55.76 0.06 0.00	61.11 0.12 0.00	65.28 -0.39 0.00	71.74 -0.72 0.00	79.06 -0.88 0.00	82.95 -1.78 0.00	80.49 -1.39 -0.06	80.33 -0.89 0.00	71.75 -0.72 0.00	65.61 -0.20 0.00	55.16 -0.45 0.00	49.89 -0.55 0.00
KATONAH__115KV_46KV_TB4 355592	50.19 1.98 0.00	44.68 2.41 0.00	40.93 2.39 0.00	40.14 2.20 0.00	37.87 2.01 0.00	39.11 2.18 0.00	39.81 2.15 0.00	39.04 2.00 0.00	43.88 2.25 0.00	47.73 2.36 0.00	51.31 2.54 0.00	55.13 2.47 0.00	58.32 2.62 0.00	63.79 2.81 0.00	68.70 3.02 0.00	76.81 4.35 0.00	84.49 4.56 0.00	90.92 6.19 0.00	86.73 4.91 0.00	85.20 3.98 0.00	75.59 3.12 0.00	68.04 2.24 0.00	57.94 2.34 0.00	52.81 2.37 0.00
KCE_NY_1 323755	50.58 2.36 0.00	44.60 2.32 0.00	40.65 2.12 0.00	40.02 2.09 0.00	37.83 1.97 0.00	38.96 2.03 0.00	39.70 2.03 0.00	38.82 1.78 0.00	43.54 1.92 0.00	47.42 2.04 0.00	50.63 1.85 0.00	54.49 1.84 0.00	57.70 2.00 0.00	63.30 2.32 0.00	68.50 2.82 0.00	75.87 3.41 0.00	83.78 3.84 0.00	89.81 5.08 0.00	86.73 4.91 0.00	85.85 4.63 0.00	76.61 4.13 0.00	69.23 3.42 0.00	58.55 2.95 0.00	52.96 2.52 0.00
KCE_NY_6_ESR 323823	48.84 0.63 0.00	42.15 -0.13 0.00	38.11 -0.42 0.00	36.84 -1.10 0.00	34.89 -0.97 0.00	35.78 -1.15 0.00	36.91 -0.75 0.00	36.64 -0.41 0.00	41.34 -0.29 0.00	44.96 -0.41 0.00	49.31 0.54 0.00	55.07 2.42 0.00	57.54 1.84 0.00	62.14 1.16 0.00	68.43 2.76 0.00	75.00 2.53 0.00	83.70 3.76 0.00	89.13 4.40 0.00	85.42 3.60 0.00	84.23 3.01 0.00	74.50 2.03 0.00	66.60 0.79 0.00	56.49 0.89 0.00	51.35 0.91 0.00
KEDC PORT_JEFF_GT2 24210	48.15 0.77 0.84	45.11 2.83 0.00	41.54 3.01 0.00	40.33 2.39 0.00	38.05 2.19 0.00	39.36 2.44 0.00	39.96 2.30 0.00	39.38 2.34 0.00	43.92 2.29 0.00	46.64 1.27 0.00	51.12 2.34 -0.01	53.07 0.42 0.00	57.05 1.56 0.20	61.97 1.71 0.72	67.11 2.36 0.93	74.07 2.32 0.71	81.54 2.40 0.79	87.65 4.23 1.31	84.04 2.78 0.56	81.32 1.30 1.20	67.51 1.01 5.98	59.41 0.52 6.92	54.77 0.89 1.72	51.55 1.11 0.00
KEDC PORT_JEFF_GT3 24211	48.15 0.77 0.84	45.11 2.83 0.00	41.54 3.01 0.00	40.33 2.39 0.00	38.05 2.19 0.00	39.36 2.44 0.00	39.96 2.30 0.00	39.38 2.34 0.00	43.92 2.29 0.00	46.64 1.27 0.00	51.12 2.34 -0.01	53.07 0.42 0.00	57.05 1.56 0.20	61.97 1.71 0.72	67.11 2.36 0.93	74.07 2.32 0.71	81.54 2.40 0.79	87.65 4.23 1.31	84.04 2.78 0.56	81.32 1.30 1.20	67.51 1.01 5.98	59.41 0.52 6.92	54.77 0.89 1.72	51.55 1.11 0.00
KEDC_GLWD_GT4 24219	49.62 1.69 0.28	45.02 2.75 0.00	41.31 2.78 0.00	40.33 2.39 0.00	38.09 2.22 0.00	39.36 2.44 0.00	40.04 2.37 0.00	39.38 2.34 0.00	44.00 2.37 0.00	47.46 2.09 0.00	51.46 2.68 -0.01	54.44 1.79 0.00	58.04 2.34 0.00	63.61 2.62 0.00	68.76 3.09 0.00	76.30 3.84 0.00	84.01 4.07 0.00	90.32 5.59 0.00	86.15 4.33 0.00	84.55 3.33 0.01	72.96 2.47 1.98	65.25 1.65 2.20	56.98 1.95 0.57	52.36 1.92 0.00
KEDC_GLWD_GT5 24220	49.62 1.69 0.28	45.02 2.75 0.00	41.31 2.78 0.00	40.33 2.39 0.00	38.09 2.22 0.00	39.36 2.44 0.00	40.04 2.37 0.00	39.38 2.34 0.00	44.00 2.37 0.00	47.46 2.09 0.00	51.46 2.68 -0.01	54.44 1.79 0.00	58.04 2.34 0.00	63.61 2.62 0.00	68.76 3.09 0.00	76.30 3.84 0.00	84.01 4.07 0.00	90.32 5.59 0.00	86.15 4.33 0.00	84.55 3.33 0.01	72.96 2.47 1.98	65.25 1.65 2.20	56.98 1.95 0.57	52.36 1.92 0.00
KENSICO____ 23655	50.00 1.78 0.00	44.56 2.28 0.00	40.81 2.27 0.00	39.99 2.05 0.00	37.76 1.90 0.00	39.00 2.07 0.00	39.74 2.07 0.00	38.97 1.93 0.00	43.75 2.12 0.00	47.50 2.13 0.00	51.06 2.29 0.00	54.81 2.16 0.00	57.93 2.23 0.00	63.31 2.32 0.00	68.10 2.43 0.00	76.09 3.62 0.00	83.70 3.76 0.00	89.90 5.17 0.00	85.83 4.01 0.00	84.47 3.25 0.00	75.01 2.54 0.00	67.45 1.65 0.00	57.55 1.95 0.00	52.66 2.22 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.29 2.07 0.00	44.73 2.45 0.00	40.89 2.35 0.00	40.10 2.16 0.00	37.83 1.97 0.00	39.11 2.18 0.00	39.77 2.11 0.00	38.97 1.93 0.00	43.63 2.12 0.13	47.18 2.09 0.28	50.55 2.19 0.41	54.25 2.16 0.56	57.41 2.40 0.69	62.76 2.68 0.91	67.52 2.96 1.11	75.19 4.13 1.40	84.49 4.56 0.00	90.80 6.27 0.20	86.90 5.15 0.07	85.90 4.71 0.03	76.32 3.84 0.00	68.77 2.96 0.00	58.33 2.72 0.00	53.07 2.62 0.00

KIAC_JFK_GT1 23816	50.29 2.07 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.10 2.16 0.00	37.91 2.04 0.00	39.11 2.18 0.00	40.00 2.34 0.00	39.38 2.33 0.00	44.33 2.71 0.00	48.19 2.81 0.00	51.45 2.68 0.00	55.18 2.53 0.00	58.26 2.56 0.00	63.55 2.56 0.00	68.24 2.56 0.00	76.45 3.99 0.00	84.02 4.08 0.00	90.67 5.68 -0.26	86.30 4.34 -0.14	84.80 3.57 0.00	75.09 2.61 0.00	67.32 1.51 0.00	57.94 2.34 0.00	52.92 2.47 0.00
KIAC_JFK_GT2 23817	50.29 2.07 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.10 2.16 0.00	37.91 2.04 0.00	39.11 2.18 0.00	40.00 2.34 0.00	39.38 2.33 0.00	44.33 2.71 0.00	48.19 2.81 0.00	51.45 2.68 0.00	55.18 2.53 0.00	58.26 2.56 0.00	63.55 2.56 0.00	68.24 2.56 0.00	76.45 3.99 0.00	84.02 4.08 0.00	90.67 5.68 -0.26	86.30 4.34 -0.14	84.80 3.57 0.00	75.09 2.61 0.00	67.32 1.51 0.00	57.94 2.34 0.00	52.92 2.47 0.00
KIAC_JFK____ 323774	50.19 1.98 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.10 2.16 0.00	37.90 2.04 0.00	39.11 2.18 0.00	40.00 2.34 0.00	39.38 2.34 0.00	44.21 2.58 0.00	48.14 2.77 0.00	51.31 2.53 0.00	54.70 2.05 0.00	58.26 2.56 0.00	63.55 2.56 0.00	68.56 2.89 0.00	76.37 3.91 0.00	84.01 4.07 0.00	90.59 5.59 -0.26	86.29 4.33 -0.14	84.79 3.57 0.00	75.08 2.61 0.00	67.38 1.58 0.00	57.94 2.34 0.00	52.72 2.27 0.00
KINTIGH__24_KV_GSU 356498	48.26 0.05 0.00	41.72 -0.55 0.00	37.80 -0.73 0.00	36.69 -1.25 0.00	34.75 -1.11 0.00	35.56 -1.37 0.00	36.65 -1.02 0.00	36.34 -0.70 0.00	40.92 -0.71 0.00	44.51 -0.86 0.00	48.77 0.00 0.00	54.18 1.53 0.00	56.59 0.89 0.00	61.23 0.24 0.00	67.19 1.51 0.00	73.77 1.31 0.00	82.10 2.16 0.00	87.44 2.71 0.00	83.94 2.12 0.00	82.76 1.54 0.00	73.42 0.94 0.00	65.87 0.07 0.00	55.72 0.11 0.00	50.70 0.25 0.00
KINTIGH____ 23543	48.02 -0.19 0.00	41.68 -0.59 0.00	37.80 -0.73 0.00	36.65 -1.29 0.00	34.75 -1.11 0.00	35.56 -1.37 0.00	36.57 -1.09 0.00	36.34 -0.70 0.00	40.34 -1.29 0.00	44.28 -1.09 0.00	48.38 -0.39 0.00	53.02 0.37 0.00	56.59 0.89 0.00	61.23 0.24 0.00	66.07 0.39 0.00	73.62 1.16 0.00	81.78 1.84 0.00	87.70 2.97 0.00	83.95 2.13 0.00	82.77 1.54 0.00	73.42 0.94 0.00	65.87 0.07 0.00	55.66 0.06 0.00	49.99 -0.45 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.50 0.29 0.00	42.53 0.25 0.00	38.57 0.04 0.00	38.01 0.08 0.00	35.90 0.04 0.00	36.89 -0.04 0.00	37.66 0.00 0.00	37.26 0.22 0.00	42.04 0.42 0.00	45.87 0.50 0.00	49.02 0.24 0.00	52.91 0.26 0.00	56.04 0.33 0.00	61.41 0.43 0.00	66.07 0.39 0.00	72.17 -0.29 0.00	79.62 -0.32 0.00	83.55 -1.19 0.00	81.37 -0.49 -0.04	80.98 -0.24 0.00	72.26 -0.22 0.00	66.13 0.33 0.00	55.44 -0.17 0.00	50.14 -0.30 0.00
LACHUTE____HYDRO 323717	53.52 5.30 0.00	47.01 4.73 0.00	42.74 4.20 0.00	41.88 3.95 0.00	39.59 3.73 0.00	40.77 3.84 0.00	41.58 3.92 0.00	40.67 3.63 0.00	45.88 4.25 0.00	50.00 4.63 0.00	53.26 4.48 0.00	57.44 4.79 0.00	60.66 4.96 0.00	66.54 5.55 0.00	72.11 6.44 0.00	79.93 7.47 0.00	88.41 8.47 0.00	95.67 10.93 0.00	92.79 10.97 0.00	92.18 10.96 0.00	82.19 9.72 0.00	74.16 8.36 0.00	62.44 6.84 0.00	56.09 5.65 0.00
LAWRNCALV_115KV_TB1 80681	49.03 0.82 0.00	42.61 0.34 0.00	38.69 0.15 0.00	38.09 0.15 0.00	35.97 0.11 0.00	37.00 0.07 0.00	37.74 0.08 0.00	37.30 0.26 0.00	42.17 0.54 0.00	46.01 0.64 0.00	49.46 0.68 0.00	53.39 0.74 0.00	56.37 0.67 0.00	61.84 0.85 0.00	66.46 0.79 0.00	72.54 0.07 0.00	80.02 0.08 0.00	82.70 -2.03 0.00	82.27 0.00 -0.45	81.79 0.57 0.00	73.06 0.58 0.00	66.92 1.12 0.00	56.05 0.44 0.00	50.85 0.40 0.00
LEDERLE____ 23769	50.10 1.88 0.00	44.60 2.33 0.00	40.89 2.35 0.00	40.03 2.09 0.00	37.83 1.97 0.00	39.03 2.10 0.00	39.77 2.11 0.00	39.01 1.96 0.00	43.79 2.16 0.00	47.55 2.18 0.00	51.11 2.34 0.00	54.97 2.32 0.00	58.15 2.45 0.00	63.61 2.62 0.00	68.56 2.89 0.00	76.45 3.99 0.00	84.09 4.16 0.00	90.41 5.68 0.00	86.32 4.50 0.00	84.96 3.74 0.00	75.45 2.97 0.00	67.91 2.11 0.00	57.89 2.28 0.00	52.81 2.37 0.00
LIGHTHSE_115KV_TB6 355974	50.03 0.43 -1.38	42.49 0.21 0.00	38.73 0.19 0.00	38.01 0.08 0.00	36.00 0.14 0.00	37.00 0.07 0.00	37.81 0.15 0.00	37.12 0.07 0.00	41.55 -0.08 0.00	45.42 0.05 0.00	48.87 0.10 0.00	53.61 0.26 -0.69	55.87 0.17 0.00	61.97 0.30 -0.67	66.84 0.26 -0.90	74.34 0.65 -1.23	82.87 1.12 -1.81	88.77 1.69 -2.34	85.92 2.05 -2.06	85.14 1.87 -2.05	75.41 1.52 -1.41	68.29 1.25 -1.23	56.33 0.72 0.00	51.44 0.50 -0.49
LINDEN COGEN____ 23786	49.86 1.64 0.00	44.60 2.32 0.00	40.81 2.27 0.00	39.95 2.01 0.00	37.72 1.86 0.00	38.92 1.99 0.00	39.70 2.03 0.00	39.00 1.96 0.00	43.71 2.08 0.00	47.55 2.18 0.00	50.65 2.20 0.31	50.84 1.58 3.39	51.21 2.06 6.55	53.53 2.01 9.46	58.35 2.36 9.69	60.74 3.26 14.98	62.39 3.36 20.91	75.24 4.66 14.15	66.92 3.52 18.42	57.66 2.76 26.33	53.78 1.96 20.65	53.85 1.19 13.14	52.02 1.67 5.25	52.20 1.76 0.01
LINDHRST_69_KV_BK1 356055	48.99 1.49 0.72	45.70 3.42 0.00	41.89 3.35 0.00	40.71 2.77 0.00	38.41 2.55 0.00	39.73 2.81 0.00	40.38 2.71 0.00	39.78 2.74 0.00	44.96 3.33 0.00	47.78 2.40 0.00	52.67 3.90 0.00	56.55 3.90 0.00	57.97 2.34 0.07	63.48 2.74 0.25	68.37 3.02 0.33	76.56 4.35 0.25	83.58 3.92 0.28	90.29 6.19 0.63	86.03 4.50 0.29	83.88 3.09 0.43	69.63 2.32 5.17	61.48 1.51 5.84	55.79 1.67 1.49	54.13 3.68 0.00
LIPA_MISC_IPP 23656	48.05 0.68 0.84	45.11 2.83 0.00	41.35 2.81 0.00	40.14 2.20 0.00	37.87 2.01 0.00	39.22 2.29 0.00	39.81 2.15 0.00	39.19 2.15 0.00	44.38 2.75 0.00	47.05 1.68 0.00	51.94 3.17 0.00	55.86 3.21 0.00	56.89 1.34 0.15	62.11 1.65 0.52	66.97 1.97 0.68	75.06 3.12 0.52	82.00 2.64 0.58	88.76 5.08 1.06	84.71 3.35 0.46	82.13 1.79 0.88	67.41 0.94 6.01	59.20 0.26 6.87	54.54 0.67 1.73	53.42 2.98 0.00
LISF____SOLAR 323691	48.05 0.67 0.84	45.02 2.75 0.00	41.43 2.89 0.00	40.22 2.28 0.00	37.94 2.08 0.00	39.25 2.33 0.00	39.85 2.18 0.00	39.26 2.22 0.00	43.79 2.16 0.00	46.55 1.18 0.00	50.92 2.14 -0.01	52.92 0.26 0.00	56.99 1.45 0.16	62.21 1.77 0.55	67.32 2.36 0.71	74.82 2.90 0.55	82.37 3.04 0.61	88.72 5.08 1.09	84.94 3.60 0.48	82.41 2.11 0.92	67.64 1.16 6.00	59.46 0.52 6.87	54.66 0.78 1.73	51.45 1.01 0.00
LITTLE FALLS____HYD 24013	47.35 -0.87 0.00	41.56 -0.72 0.00	37.92 -0.62 0.00	37.33 -0.61 0.00	35.32 -0.54 0.00	36.37 -0.55 0.00	37.06 -0.60 0.00	36.34 -0.70 0.00	40.80 -0.83 0.00	44.56 -0.82 0.00	47.85 -0.93 0.00	51.65 -1.00 0.00	54.64 -1.06 0.00	59.89 -1.10 0.00	64.43 -1.25 0.00	71.30 -1.16 0.00	78.66 -1.28 0.00	83.63 -1.10 0.00	80.67 -1.15 0.00	80.00 -1.22 0.00	71.25 -1.23 0.00	64.49 -1.32 0.00	54.44 -1.17 0.00	49.28 -1.16 0.00

LITTLRIV_115KV_TB1 356100	49.71 1.49 0.00	43.21 0.93 0.00	39.19 0.66 0.00	38.55 0.61 0.00	36.43 0.57 0.00	37.48 0.55 0.00	38.19 0.53 0.00	37.67 0.63 0.00	42.50 0.87 0.00	46.32 0.95 0.00	49.75 0.98 0.00	53.65 1.00 0.00	56.65 0.95 0.00	62.27 1.28 0.00	66.86 1.18 0.00	72.97 0.51 0.00	80.66 0.72 0.00	83.55 -1.19 0.00	83.31 1.06 -0.43	83.25 2.03 0.00	74.36 1.88 0.00	68.17 2.37 0.00	57.00 1.39 0.00	51.55 1.11 0.00
LI_NEWBRDGE___DRP 323616	48.13 0.82 0.90	44.90 2.62 0.00	41.19 2.66 0.00	40.10 2.16 0.00	37.83 1.97 0.00	39.14 2.22 0.00	39.77 2.11 0.00	39.15 2.11 0.00	44.21 2.58 0.00	47.05 1.68 0.00	51.65 2.88 0.00	55.39 2.74 0.00	57.04 1.34 0.00	62.63 1.65 0.00	67.45 1.77 0.00	75.43 2.97 0.00	82.50 2.56 0.00	88.76 4.49 0.46	84.52 2.95 0.25	83.07 1.87 0.02	67.17 1.16 6.47	59.08 0.46 7.19	54.58 0.83 1.86	53.12 2.67 0.00
LOCKPORT_115KV_TB60_63_64 80432	48.17 -0.05 0.00	41.73 -0.55 0.00	37.77 -0.77 0.00	36.50 -1.44 0.00	34.25 -1.61 0.00	35.38 -1.55 0.00	36.35 -1.32 0.00	36.08 -0.96 0.00	39.84 -1.79 0.00	43.78 -1.59 0.00	47.99 -0.78 0.00	52.70 0.05 0.00	56.43 0.72 0.00	60.87 -0.12 0.00	65.67 0.00 0.00	73.26 0.80 0.00	81.46 1.52 0.00	87.44 2.71 0.00	83.62 1.80 0.00	82.44 1.22 0.00	73.06 0.58 0.00	65.41 -0.39 0.00	55.55 -0.06 0.00	50.04 -0.40 0.00
LOCKPORT___CC1 323769	48.22 0.00 0.00	41.60 -0.68 0.00	37.30 -1.23 0.00	36.08 -1.86 0.00	34.18 -1.68 0.00	35.23 -1.70 0.00	36.31 -1.35 0.00	35.97 -1.08 0.00	40.51 -1.12 0.00	43.92 -1.45 0.00	48.28 -0.49 0.00	53.91 1.26 0.00	56.20 0.50 0.00	60.68 -0.30 0.00	66.72 1.05 0.00	73.19 0.72 0.00	81.62 1.68 0.00	86.85 2.12 0.00	83.29 1.47 0.00	82.12 0.90 0.00	72.77 0.29 0.00	65.15 -0.66 0.00	55.44 -0.17 0.00	50.70 0.25 0.00
LOCKPORT___CC2 323770	48.22 0.00 0.00	41.60 -0.68 0.00	37.30 -1.23 0.00	36.08 -1.86 0.00	34.18 -1.68 0.00	35.23 -1.70 0.00	36.31 -1.35 0.00	35.97 -1.08 0.00	40.51 -1.12 0.00	43.92 -1.45 0.00	48.28 -0.49 0.00	53.91 1.26 0.00	56.20 0.50 0.00	60.68 -0.30 0.00	66.72 1.05 0.00	73.19 0.72 0.00	81.62 1.68 0.00	86.85 2.12 0.00	83.29 1.47 0.00	82.12 0.90 0.00	72.77 0.29 0.00	65.15 -0.66 0.00	55.44 -0.17 0.00	50.70 0.25 0.00
LOCKPORT___CC3 323771	48.22 0.00 0.00	41.60 -0.68 0.00	37.30 -1.23 0.00	36.08 -1.86 0.00	34.18 -1.68 0.00	35.23 -1.70 0.00	36.31 -1.35 0.00	35.97 -1.08 0.00	40.51 -1.12 0.00	43.92 -1.45 0.00	48.28 -0.49 0.00	53.91 1.26 0.00	56.20 0.50 0.00	60.68 -0.30 0.00	66.72 1.05 0.00	73.19 0.72 0.00	81.62 1.68 0.00	86.85 2.12 0.00	83.29 1.47 0.00	82.12 0.90 0.00	72.77 0.29 0.00	65.15 -0.66 0.00	55.44 -0.17 0.00	50.70 0.25 0.00
LOCUSVLY_69_KV_BK2 55797	49.38 1.59 0.43	45.23 2.96 0.00	41.50 2.97 0.00	40.44 2.50 0.00	38.16 2.30 0.00	39.44 2.51 0.00	40.15 2.49 0.00	39.49 2.44 0.00	44.54 2.91 0.00	47.64 2.27 0.00	52.19 3.41 0.00	55.97 3.32 0.00	58.04 2.34 0.00	63.67 2.68 0.00	68.70 3.02 0.00	76.74 4.28 0.00	84.09 4.16 0.00	90.69 6.10 0.14	86.25 4.50 0.07	84.54 3.33 0.01	71.83 2.39 3.04	63.95 1.51 3.37	56.45 1.72 0.88	53.57 3.13 0.00
LONG_LAKE_PHOENIX 24014	49.71 -0.63 -2.12	41.64 -0.63 0.00	37.96 -0.58 0.00	37.29 -0.64 0.00	35.25 -0.61 0.00	36.26 -0.66 0.00	37.10 -0.56 0.00	36.45 -0.59 0.00	40.88 -0.75 0.00	44.69 -0.68 0.00	48.14 -0.63 0.00	53.25 -0.47 -1.07	55.14 -0.56 0.00	61.41 -0.61 -1.04	66.48 -0.59 -1.39	74.06 -0.29 -1.89	82.41 -0.32 -2.79	88.60 0.25 -3.61	85.26 0.33 -3.11	84.30 -0.08 -3.16	74.51 -0.14 -2.18	67.25 -0.46 -1.90	55.11 -0.50 0.00	50.75 -0.45 -0.76
LOVETT___3 23632	49.76 1.54 0.00	44.35 2.07 0.00	40.62 2.08 0.00	39.80 1.86 0.00	37.58 1.72 0.00	38.81 1.88 0.00	39.55 1.88 0.00	38.78 1.74 0.00	43.54 1.91 0.00	47.28 1.91 0.00	50.77 2.00 0.00	54.55 1.90 0.00	57.71 2.01 0.00	63.06 2.07 0.00	67.91 2.23 0.00	75.72 3.26 0.00	83.38 3.44 0.00	89.56 4.83 0.00	85.50 3.68 0.00	84.15 2.92 0.00	74.72 2.25 0.00	67.25 1.45 0.00	57.39 1.78 0.00	52.46 2.02 0.00
LOVETT___4 23642	49.76 1.54 0.00	44.35 2.07 0.00	40.62 2.08 0.00	39.80 1.86 0.00	37.58 1.72 0.00	38.81 1.88 0.00	39.55 1.88 0.00	38.78 1.74 0.00	43.54 1.91 0.00	47.28 1.91 0.00	50.77 2.00 0.00	54.55 1.90 0.00	57.71 2.01 0.00	63.06 2.07 0.00	67.91 2.23 0.00	75.72 3.26 0.00	83.38 3.44 0.00	89.56 4.83 0.00	85.50 3.68 0.00	84.15 2.92 0.00	74.72 2.25 0.00	67.25 1.45 0.00	57.39 1.78 0.00	52.46 2.02 0.00
LOVETT___5 23593	49.76 1.54 0.00	44.35 2.07 0.00	40.62 2.08 0.00	39.80 1.86 0.00	37.58 1.72 0.00	38.81 1.88 0.00	39.55 1.88 0.00	38.78 1.74 0.00	43.54 1.91 0.00	47.28 1.91 0.00	50.77 2.00 0.00	54.55 1.90 0.00	57.71 2.01 0.00	63.06 2.07 0.00	67.91 2.23 0.00	75.72 3.26 0.00	83.38 3.44 0.00	89.56 4.83 0.00	85.50 3.68 0.00	84.15 2.92 0.00	74.72 2.25 0.00	67.25 1.45 0.00	57.39 1.78 0.00	52.46 2.02 0.00
LOWER RAQUET___HYD 24057	49.08 0.87 0.00	42.65 0.38 0.00	38.69 0.15 0.00	38.09 0.15 0.00	36.01 0.14 0.00	37.00 0.07 0.00	37.74 0.08 0.00	37.30 0.26 0.00	42.17 0.54 0.00	46.01 0.63 0.00	49.45 0.68 0.00	53.39 0.74 0.00	56.37 0.67 0.00	61.90 0.92 0.00	66.07 0.40 0.00	72.54 0.07 0.00	80.10 0.16 0.00	83.72 -1.01 0.00	82.31 0.08 -0.41	81.95 0.73 0.00	73.13 0.65 0.00	66.99 1.19 0.00	56.11 0.50 0.00	50.85 0.40 0.00
LOWER___HUDSON 24059	49.66 1.45 0.00	43.84 1.57 0.00	40.04 1.50 0.00	39.46 1.52 0.00	37.30 1.44 0.00	38.44 1.51 0.00	39.13 1.47 0.00	38.26 1.22 0.00	42.84 1.21 0.00	46.64 1.27 0.00	49.84 1.07 0.00	53.49 0.84 0.00	56.70 1.00 0.00	62.21 1.22 0.00	67.19 1.51 0.00	74.49 2.03 0.00	82.17 2.24 0.00	87.95 3.22 0.00	84.85 3.03 0.00	83.90 2.68 0.00	74.80 2.32 0.00	67.58 1.78 0.00	57.27 1.67 0.00	51.96 1.51 0.00
LOWVILLE_115KV_TB2 356335	50.64 2.07 -0.35	43.88 1.61 0.00	40.00 1.46 0.00	39.23 1.29 0.00	37.22 1.36 0.00	38.26 1.33 0.00	38.98 1.32 0.00	38.27 1.22 0.00	42.79 1.17 0.00	46.78 1.41 0.00	50.19 1.41 0.00	54.36 1.53 -0.18	57.26 1.56 0.00	63.23 2.07 -0.17	67.94 2.04 -0.23	75.24 2.46 -0.31	83.76 3.36 -0.46	89.22 3.90 -0.60	87.36 4.91 -0.63	86.21 4.47 -0.52	76.53 3.70 -0.36	69.34 3.22 -0.31	57.44 1.84 0.00	51.83 1.26 -0.13
LUTHERFT_115KV_GLOB_FND_222 355753	50.58 2.36 0.00	44.56 2.28 0.00	40.62 2.08 0.00	39.99 2.05 0.00	37.80 1.94 0.00	38.92 1.99 0.00	39.70 2.03 0.00	38.78 1.74 0.00	43.59 1.96 0.00	47.37 2.00 0.00	50.63 1.85 0.00	54.55 1.90 0.00	57.71 2.01 0.00	63.24 2.26 0.00	68.24 2.56 0.00	75.80 3.33 0.00	83.70 3.76 0.00	89.82 5.08 0.00	86.65 4.83 0.00	85.77 4.55 0.00	76.54 4.06 0.00	69.10 3.29 0.00	58.50 2.89 0.00	52.97 2.52 0.00

LUTHERNY_35_KV_BK2 355980	50.63 2.41 0.00	44.60 2.33 0.00	40.66 2.12 0.00	40.03 2.09 0.00	37.83 1.97 0.00	38.96 2.03 0.00	39.70 2.03 0.00	38.82 1.78 0.00	43.59 1.96 0.00	47.41 2.04 0.00	50.67 1.90 0.00	54.60 1.95 0.00	57.71 2.01 0.00	63.31 2.32 0.00	68.30 2.63 0.00	75.87 3.41 0.00	83.78 3.84 0.00	89.90 5.17 0.00	86.73 4.91 0.00	85.85 4.63 0.00	76.61 4.13 0.00	69.16 3.36 0.00	58.55 2.95 0.00	53.02 2.57 0.00
LWR___OSWEGATCHIE_HYD 23850	49.84 1.30 -0.32	43.12 0.85 0.00	39.19 0.66 0.00	38.51 0.57 0.00	36.47 0.61 0.00	37.48 0.55 0.00	38.23 0.56 0.00	37.64 0.59 0.00	42.29 0.67 0.00	46.19 0.82 0.00	49.65 0.88 0.00	53.76 0.95 -0.16	56.59 0.89 0.00	62.42 1.28 -0.16	67.07 1.18 -0.21	73.76 1.01 -0.29	81.88 1.52 -0.42	86.21 0.93 -0.54	85.02 2.45 -0.74	84.38 2.68 -0.48	74.98 2.17 -0.33	68.40 2.30 -0.29	56.77 1.17 0.00	51.37 0.81 -0.11
LYONS_FALL_HYD 23570	50.22 1.79 -0.22	43.71 1.44 0.00	39.85 1.31 0.00	39.12 1.18 0.00	37.08 1.22 0.00	38.14 1.22 0.00	38.87 1.20 0.00	38.15 1.11 0.00	42.75 1.12 0.00	46.73 1.36 0.00	50.19 1.42 0.00	54.40 1.63 -0.11	57.32 1.62 0.00	63.17 2.07 -0.11	67.98 2.16 -0.15	75.20 2.53 -0.20	83.59 3.36 -0.29	89.09 3.98 -0.38	86.72 4.50 -0.40	85.69 4.14 -0.33	76.18 3.48 -0.23	69.03 3.03 -0.20	57.44 1.83 0.00	51.89 1.36 -0.08
MADISON___COUNTY_LFGE 323628	49.76 1.54 0.00	43.59 1.31 0.00	39.73 1.19 0.00	39.00 1.06 0.00	36.97 1.11 0.00	38.03 1.11 0.00	38.76 1.09 0.00	38.04 1.00 0.00	42.59 0.96 0.00	46.55 1.18 0.00	50.09 1.32 0.00	54.23 1.58 0.00	57.43 1.73 0.00	63.06 2.07 0.00	67.84 2.17 0.00	75.29 2.83 0.00	83.46 3.52 0.00	89.05 4.32 0.00	86.26 4.42 -0.02	85.36 4.14 0.00	76.03 3.55 0.00	68.77 2.96 0.00	57.72 2.11 0.00	52.06 1.61 0.00
MALONE___115KV_TB1 356076	49.08 0.87 0.00	42.82 0.55 0.00	38.84 0.31 0.00	38.28 0.34 0.00	36.11 0.25 0.00	37.15 0.22 0.00	37.93 0.26 0.00	37.56 0.52 0.00	42.42 0.79 0.00	46.32 0.95 0.00	49.70 0.93 0.00	53.65 1.00 0.00	56.76 1.06 0.00	62.27 1.28 0.00	66.92 1.25 0.00	73.11 0.65 0.00	80.58 0.64 0.00	84.39 -0.34 0.00	82.54 0.57 -0.15	82.12 0.89 0.00	73.27 0.80 0.00	67.06 1.25 0.00	56.16 0.56 0.00	50.80 0.35 0.00
MAPLEWOD_115KV_TB3 80458	49.28 1.06 0.00	43.54 1.27 0.00	39.73 1.19 0.00	39.15 1.21 0.00	37.01 1.15 0.00	38.18 1.26 0.00	38.91 1.24 0.00	38.01 0.96 0.00	42.63 1.00 0.00	46.37 1.00 0.00	49.65 0.88 0.00	53.49 0.84 0.00	56.31 0.61 0.00	61.78 0.79 0.00	66.53 0.85 0.00	73.91 1.45 0.00	81.54 1.60 0.00	87.36 2.63 0.00	84.03 2.21 0.00	83.01 1.79 0.00	73.93 1.45 0.00	66.86 1.05 0.00	56.66 1.06 0.00	51.45 1.01 0.00
MAPLE_RIDGE_WT_1 323574	48.22 0.00 0.00	42.19 -0.08 0.00	38.42 -0.12 0.00	37.86 -0.08 0.00	35.75 -0.11 0.00	36.82 -0.11 0.00	37.55 -0.11 0.00	36.97 -0.07 0.00	41.63 0.00 0.00	45.37 0.00 0.00	48.77 0.00 0.00	52.60 -0.05 0.00	55.65 -0.06 0.00	60.93 -0.06 0.00	65.54 -0.13 0.00	72.25 -0.22 0.00	79.70 -0.24 0.00	84.31 -0.42 0.00	81.49 -0.33 0.00	80.98 -0.24 0.00	72.12 -0.36 0.00	65.41 -0.39 0.00	55.00 -0.61 0.00	49.74 -0.71 0.00
MAPLE_RIDGE_WT_2 323611	48.22 0.00 0.00	42.19 -0.08 0.00	38.42 -0.12 0.00	37.86 -0.08 0.00	35.75 -0.11 0.00	36.82 -0.11 0.00	37.55 -0.11 0.00	36.97 -0.07 0.00	41.63 0.00 0.00	45.37 0.00 0.00	48.77 0.00 0.00	52.60 -0.05 0.00	55.65 -0.06 0.00	60.93 -0.06 0.00	65.54 -0.13 0.00	72.25 -0.22 0.00	79.70 -0.24 0.00	84.31 -0.42 0.00	81.49 -0.33 0.00	80.98 -0.24 0.00	72.12 -0.36 0.00	65.41 -0.39 0.00	55.00 -0.61 0.00	49.74 -0.71 0.00
MARBLE_RIVER_WT_PWR 323696	48.17 -0.05 0.00	42.15 -0.13 0.00	38.27 -0.27 0.00	37.71 -0.23 0.00	35.61 -0.25 0.00	36.63 -0.30 0.00	37.40 -0.26 0.00	37.01 -0.04 0.00	41.75 0.13 0.00	45.55 0.18 0.00	48.77 0.00 0.00	52.60 -0.05 0.00	55.70 0.00 0.00	61.05 0.06 0.00	65.22 -0.46 0.00	71.67 -0.80 0.00	78.98 -0.96 0.00	82.95 -1.78 0.00	80.53 -1.31 -0.03	80.33 -0.89 0.00	71.75 -0.72 0.00	65.61 -0.20 0.00	55.11 -0.50 0.00	49.84 -0.60 0.00
MARSHVLE_115KV_TB1 80742	53.08 4.87 0.00	46.59 4.31 0.00	42.47 3.93 0.00	41.73 3.79 0.00	39.48 3.62 0.00	40.62 3.69 0.00	41.20 3.54 0.00	40.12 3.07 0.00	44.96 3.33 0.00	48.91 3.54 0.00	52.43 3.66 0.00	56.44 3.79 0.00	59.88 4.18 0.00	65.74 4.76 0.00	70.73 5.06 0.00	78.62 6.16 0.00	87.21 7.27 0.00	93.97 9.24 0.00	90.82 9.00 0.00	90.73 9.50 0.00	81.25 8.77 0.00	73.37 7.57 0.00	61.78 6.17 0.00	55.69 5.25 0.00
MARSH_HILL_WT_PWR 323713	49.71 1.50 0.00	43.08 0.80 0.00	39.19 0.65 0.00	38.09 0.15 0.00	36.01 0.14 0.00	36.96 0.04 0.00	38.00 0.34 0.00	37.34 0.29 0.00	41.75 0.13 0.00	45.55 0.18 0.00	49.50 0.73 0.00	54.86 2.21 0.00	57.54 1.84 0.00	62.27 1.28 0.00	68.23 2.56 0.00	75.07 2.60 0.00	83.54 3.60 0.00	89.39 4.66 0.00	86.56 4.74 0.00	85.69 4.46 0.00	76.32 3.84 0.00	68.24 2.44 0.00	57.67 2.06 0.00	52.06 1.61 0.00
MCINTYRE_115KV_TB2 80467	50.00 1.78 0.00	43.42 1.14 0.00	39.38 0.85 0.00	38.74 0.80 0.00	36.65 0.79 0.00	37.67 0.74 0.00	38.34 0.68 0.00	37.82 0.78 0.00	42.59 0.96 0.00	46.37 1.00 0.00	49.75 0.98 0.00	53.60 0.95 0.00	56.59 0.89 0.00	62.21 1.22 0.00	66.86 1.18 0.00	72.90 0.43 0.00	80.66 0.72 0.00	83.55 -1.19 0.00	83.50 1.23 -0.46	83.66 2.44 0.00	74.80 2.32 0.00	68.64 2.83 0.00	57.33 1.72 0.00	51.91 1.46 0.00
MECO_____69_KV_BK1 80468	53.18 4.97 0.00	46.67 4.40 0.00	42.51 3.97 0.00	41.77 3.83 0.00	39.48 3.62 0.00	40.58 3.66 0.00	41.32 3.65 0.00	40.34 3.30 0.00	45.29 3.66 0.00	49.23 3.86 0.00	52.72 3.95 0.00	56.76 4.11 0.00	60.16 4.46 0.00	65.99 5.00 0.00	71.06 5.39 0.00	78.98 6.52 0.00	87.61 7.67 0.00	94.56 9.83 0.00	91.39 9.57 0.00	90.97 9.75 0.00	81.25 8.77 0.00	73.37 7.57 0.00	61.83 6.23 0.00	55.69 5.25 0.00
MENANDS___115KV_TB5 355628	48.94 0.72 0.00	43.25 0.97 0.00	39.50 0.96 0.00	38.93 0.99 0.00	36.83 0.97 0.00	37.96 1.03 0.00	38.68 1.02 0.00	37.82 0.78 0.00	42.38 0.75 0.00	46.10 0.73 0.00	49.36 0.59 0.00	53.13 0.47 0.00	55.92 0.22 0.00	61.29 0.30 0.00	66.00 0.33 0.00	73.33 0.87 0.00	80.82 0.88 0.00	86.51 1.78 0.00	83.21 1.39 0.00	82.20 0.97 0.00	73.27 0.80 0.00	66.20 0.39 0.00	56.16 0.56 0.00	51.05 0.61 0.00
MG INDUSTRY___DRP 24185	47.97 -0.24 0.00	42.36 0.08 0.00	38.69 0.15 0.00	38.24 0.30 0.00	36.15 0.29 0.00	37.22 0.30 0.00	37.93 0.26 0.00	36.97 -0.07 0.00	40.59 -0.21 0.83	43.21 -0.32 1.85	45.49 -0.54 2.74	48.17 -0.74 3.74	50.15 -1.00 4.55	53.94 -1.04 6.01	57.21 -1.12 7.35	62.40 -0.80 9.27	78.96 -0.96 0.02	83.15 -0.25 1.33	80.85 -0.49 0.48	80.29 -0.73 0.20	71.75 -0.72 0.00	64.95 -0.86 0.00	55.05 -0.56 0.00	50.04 -0.40 0.00

MID___OSWEGATCHIE_HYD 23849	49.84 1.30 -0.32	43.12 0.85 0.00	39.19 0.66 0.00	38.51 0.57 0.00	36.47 0.61 0.00	37.48 0.55 0.00	38.23 0.56 0.00	37.64 0.59 0.00	42.29 0.67 0.00	46.19 0.82 0.00	49.65 0.88 0.00	53.76 0.95 -0.16	56.59 0.89 0.00	62.42 1.28 -0.16	67.07 1.18 -0.21	73.76 1.01 -0.29	81.88 1.52 -0.42	86.21 0.93 -0.54	85.02 2.45 -0.74	84.38 2.68 -0.48	74.98 2.17 -0.33	68.40 2.30 -0.29	56.77 1.17 0.00	51.37 0.81 -0.11
MID___RAQUETTE_HYD 23851	49.08 0.87 0.00	42.66 0.38 0.00	38.69 0.15 0.00	38.09 0.15 0.00	36.00 0.14 0.00	37.00 0.07 0.00	37.74 0.08 0.00	37.30 0.26 0.00	42.17 0.54 0.00	46.01 0.64 0.00	49.46 0.68 0.00	53.39 0.74 0.00	56.37 0.67 0.00	61.90 0.91 0.00	66.46 0.79 0.00	72.54 0.07 0.00	80.10 0.16 0.00	82.87 -1.86 0.00	82.31 0.08 -0.41	81.95 0.73 0.00	73.13 0.65 0.00	67.06 1.25 0.00	56.11 0.50 0.00	50.85 0.40 0.00
MILLIKEN___1 23584	49.52 1.06 -0.24	43.04 0.76 0.00	39.27 0.73 0.00	38.58 0.64 0.00	36.47 0.61 0.00	37.52 0.59 0.00	38.34 0.68 0.00	37.64 0.59 0.00	42.13 0.50 0.00	46.05 0.68 0.00	49.55 0.78 0.00	53.88 1.11 -0.12	57.04 1.34 0.00	62.51 1.40 -0.12	67.48 1.64 -0.16	75.07 2.39 -0.22	83.14 2.88 -0.32	89.13 3.98 -0.41	86.35 4.17 -0.36	85.24 3.65 -0.36	75.92 3.19 -0.25	68.39 2.37 -0.22	57.39 1.78 0.00	51.94 1.41 -0.09
MILLIKEN___2 23585	49.52 1.06 -0.24	43.04 0.76 0.00	39.27 0.73 0.00	38.58 0.64 0.00	36.47 0.61 0.00	37.52 0.59 0.00	38.34 0.68 0.00	37.64 0.59 0.00	42.13 0.50 0.00	46.05 0.68 0.00	49.55 0.78 0.00	53.88 1.11 -0.12	57.04 1.34 0.00	62.51 1.40 -0.12	67.48 1.64 -0.16	75.07 2.39 -0.22	83.14 2.88 -0.32	89.13 3.98 -0.41	86.35 4.17 -0.36	85.24 3.65 -0.36	75.92 3.19 -0.25	68.39 2.37 -0.22	57.39 1.78 0.00	51.94 1.41 -0.09
MILLIKEN___DIESEL 23629	49.52 1.06 -0.24	43.04 0.76 0.00	39.27 0.73 0.00	38.58 0.64 0.00	36.47 0.61 0.00	37.52 0.59 0.00	38.34 0.68 0.00	37.64 0.59 0.00	42.13 0.50 0.00	46.05 0.68 0.00	49.55 0.78 0.00	53.88 1.11 -0.12	57.04 1.34 0.00	62.51 1.40 -0.12	67.48 1.64 -0.16	75.07 2.39 -0.22	83.14 2.88 -0.32	89.13 3.98 -0.41	86.35 4.17 -0.36	85.24 3.65 -0.36	75.92 3.19 -0.25	68.39 2.37 -0.22	57.39 1.78 0.00	51.94 1.41 -0.09
MILLSEAT___LFGE 323607	49.52 1.30 0.00	42.57 0.30 0.00	38.23 -0.31 0.00	36.99 -0.95 0.00	35.04 -0.82 0.00	36.11 -0.81 0.00	37.17 -0.49 0.00	36.82 -0.22 0.00	41.38 -0.25 0.00	45.01 -0.36 0.00	49.55 0.78 0.00	55.23 2.58 0.00	57.70 2.00 0.00	62.33 1.34 0.00	68.56 2.89 0.00	75.43 2.97 0.00	84.09 4.15 0.00	89.81 5.08 0.00	86.24 4.42 0.00	85.12 3.90 0.00	75.45 2.97 0.00	67.65 1.84 0.00	57.27 1.67 0.00	52.21 1.76 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	49.90 1.69 0.00	44.47 2.20 0.00	40.73 2.20 0.00	39.91 1.97 0.00	37.69 1.83 0.00	38.92 1.99 0.00	39.66 2.00 0.00	38.89 1.85 0.00	43.67 2.04 0.00	47.41 2.04 0.00	50.97 2.19 0.00	54.71 2.05 0.00	57.82 2.12 0.00	63.24 2.26 0.00	68.04 2.36 0.00	75.94 3.48 0.00	83.54 3.60 0.00	89.82 5.08 0.00	85.75 3.93 0.00	84.39 3.17 0.00	74.94 2.46 0.00	67.39 1.58 0.00	57.50 1.89 0.00	52.56 2.12 0.00
MILLWOOD_13_KV_LOAD 356217	50.05 1.83 0.00	44.60 2.33 0.00	40.85 2.31 0.00	40.06 2.12 0.00	37.80 1.94 0.00	39.03 2.10 0.00	39.77 2.11 0.00	39.01 1.96 0.00	43.79 2.16 0.00	47.60 2.22 0.00	51.16 2.39 0.00	54.92 2.26 0.00	58.04 2.34 0.00	63.49 2.50 0.00	68.37 2.69 0.00	76.38 3.91 0.00	84.02 4.08 0.00	90.32 5.59 0.00	86.24 4.42 0.00	84.80 3.57 0.00	75.23 2.75 0.00	67.71 1.91 0.00	57.72 2.11 0.00	52.71 2.27 0.00
MODEL_CITY_ENERGY 24167	48.22 0.00 0.00	41.64 -0.63 0.00	37.15 -1.39 0.00	35.93 -2.01 0.00	34.03 -1.83 0.00	35.27 -1.66 0.00	36.31 -1.35 0.00	35.89 -1.15 0.00	40.38 -1.25 0.00	43.74 -1.63 0.00	48.09 -0.68 0.00	53.70 1.05 0.00	55.98 0.28 0.00	60.38 -0.61 0.00	66.40 0.72 0.00	72.83 0.36 0.00	81.21 1.28 0.00	86.51 1.78 0.00	82.88 1.06 0.00	81.79 0.57 0.00	72.41 -0.07 0.00	64.82 -0.99 0.00	55.05 -0.56 0.00	50.54 0.10 0.00
MODERN_LFGE___ 323580	48.22 0.00 0.00	41.64 -0.63 0.00	37.15 -1.39 0.00	35.93 -2.01 0.00	34.03 -1.83 0.00	35.27 -1.66 0.00	36.31 -1.35 0.00	35.89 -1.15 0.00	40.38 -1.25 0.00	43.74 -1.63 0.00	48.09 -0.68 0.00	53.70 1.05 0.00	55.98 0.28 0.00	60.38 -0.61 0.00	66.40 0.72 0.00	72.83 0.36 0.00	81.21 1.28 0.00	86.51 1.78 0.00	82.88 1.06 0.00	81.79 0.57 0.00	72.41 -0.07 0.00	64.82 -0.99 0.00	55.05 -0.56 0.00	50.54 0.10 0.00
MOHAWK_PAPER___DRP 24187	49.28 1.06 0.00	43.54 1.27 0.00	39.73 1.19 0.00	39.15 1.21 0.00	37.01 1.15 0.00	38.18 1.26 0.00	38.91 1.24 0.00	38.01 0.96 0.00	42.63 1.00 0.00	46.37 1.00 0.00	49.65 0.88 0.00	53.49 0.84 0.00	56.31 0.61 0.00	61.78 0.79 0.00	66.53 0.85 0.00	73.91 1.45 0.00	81.54 1.60 0.00	87.36 2.63 0.00	84.03 2.21 0.00	83.01 1.79 0.00	73.93 1.45 0.00	66.86 1.05 0.00	56.66 1.06 0.00	51.45 1.01 0.00
MOHICAN___35_KV_115KV_LD 80490	51.06 2.84 0.00	44.94 2.66 0.00	40.96 2.43 0.00	40.25 2.31 0.00	38.05 2.19 0.00	39.18 2.25 0.00	39.96 2.30 0.00	39.08 2.04 0.00	44.00 2.37 0.00	47.82 2.45 0.00	50.92 2.15 0.00	54.86 2.21 0.00	57.93 2.23 0.00	63.55 2.56 0.00	68.56 2.89 0.00	76.23 3.77 0.00	84.25 4.32 0.00	90.66 5.93 0.00	87.87 6.05 0.00	86.99 5.77 0.00	77.70 5.22 0.00	70.15 4.34 0.00	59.22 3.61 0.00	53.47 3.03 0.00
MONGAUP___HYD 23641	50.00 1.79 0.00	44.43 2.15 0.00	40.65 2.12 0.00	39.87 1.93 0.00	37.62 1.76 0.00	38.85 1.92 0.00	39.51 1.85 0.00	38.67 1.63 0.00	43.21 1.58 0.00	46.92 1.54 0.00	50.29 1.51 0.00	53.91 1.26 0.00	57.32 1.62 0.00	62.82 1.83 0.00	67.97 2.30 0.00	75.43 2.97 0.00	83.45 3.51 0.00	89.73 5.00 0.00	86.15 4.33 0.00	85.28 4.06 0.00	75.88 3.41 0.00	68.44 2.63 0.00	58.00 2.39 0.00	52.61 2.17 0.00
MONTAUK___DIESEL 23721	50.51 3.13 0.84	47.18 4.90 0.00	43.20 4.66 0.00	41.81 3.87 0.00	39.41 3.55 0.00	40.84 3.91 0.00	41.39 3.73 0.00	40.82 3.78 0.00	46.29 4.66 0.00	49.27 3.90 0.00	54.48 5.71 0.00	58.86 6.21 0.15	60.34 4.79 0.53	65.94 5.49 0.69	71.29 6.30 0.53	80.05 8.12 0.59	87.58 8.23 1.07	94.93 11.27 0.47	90.60 9.25 0.89	87.31 6.99 0.89	71.04 4.57 6.00	62.23 3.29 6.87	56.99 3.11 1.73	55.74 5.30 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	49.28 1.06 0.00	42.61 0.34 0.00	38.73 0.19 0.00	37.41 -0.53 0.00	35.36 -0.50 0.00	36.26 -0.66 0.00	37.29 -0.38 0.00	37.23 0.19 0.00	41.34 -0.29 0.00	45.60 0.23 0.00	49.85 1.07 0.00	54.86 2.21 0.00	58.93 3.23 0.00	63.61 2.62 0.00	68.70 3.02 0.00	76.59 4.13 0.00	85.45 5.52 0.00	91.93 7.20 0.00	87.63 5.81 0.00	86.34 5.12 0.00	76.03 3.55 0.00	67.85 2.04 0.00	57.27 1.67 0.00	50.75 0.30 0.00

MORRIS_RIDGE___SOLAR 323848	48.98 0.77 0.00	42.44 0.17 0.00	38.54 0.00 0.00	37.41 -0.53 0.00	35.39 -0.47 0.00	36.33 -0.59 0.00	37.32 -0.34 0.00	36.67 -0.37 0.00	41.01 -0.62 0.00	44.60 -0.77 0.00	48.63 -0.15 0.00	54.02 1.37 0.00	56.59 0.89 0.00	61.29 0.31 0.00	67.19 1.51 0.00	73.91 1.45 0.00	82.33 2.40 0.00	87.87 3.14 0.00	84.76 2.94 0.00	83.99 2.76 0.00	74.80 2.32 0.00	66.99 1.19 0.00	56.72 1.11 0.00	51.35 0.91 0.00
MORTIMER_115KV_TB3 55949	48.75 0.53 0.00	42.23 -0.04 0.00	38.34 -0.19 0.00	37.33 -0.61 0.00	35.36 -0.50 0.00	36.23 -0.70 0.00	37.17 -0.49 0.00	36.86 -0.19 0.00	41.09 -0.54 0.00	45.15 -0.23 0.00	49.36 0.59 0.00	53.92 1.26 0.00	57.48 1.78 0.00	62.39 1.40 0.00	67.38 1.71 0.00	75.14 2.68 0.00	83.22 3.28 0.00	89.22 4.49 0.00	85.58 3.76 0.00	84.39 3.17 0.00	74.94 2.46 0.00	67.45 1.65 0.00	56.89 1.28 0.00	51.05 0.61 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.24 2.03 0.00	44.85 2.58 0.00	41.00 2.47 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.14 2.22 0.00	39.92 2.26 0.00	39.15 2.11 0.00	44.00 2.37 0.00	47.82 2.45 0.00	51.36 2.58 0.00	55.07 2.42 0.00	58.15 2.45 0.00	63.49 2.50 0.00	68.24 2.56 0.00	76.30 3.84 0.00	83.86 3.92 0.00	90.15 5.42 0.00	86.07 4.25 0.00	84.63 3.41 0.00	75.09 2.61 0.00	67.45 1.65 0.00	57.72 2.11 0.00	52.87 2.42 0.00
MUNSVILLE_WIND_PWR 323609	52.70 4.48 0.00	45.95 3.68 0.00	41.96 3.43 0.00	41.05 3.11 0.00	38.98 3.12 0.00	40.10 3.18 0.00	40.94 3.28 0.00	40.12 3.07 0.00	44.79 3.16 0.00	49.00 3.63 0.00	52.72 3.95 0.00	57.60 4.95 0.00	60.82 5.12 0.00	67.03 6.04 0.00	72.30 6.63 0.00	80.36 7.90 0.00	89.61 9.67 0.00	95.74 11.01 0.00	93.36 11.54 0.00	92.35 11.13 0.00	81.90 9.42 0.00	73.76 7.96 0.00	61.39 5.78 0.00	55.14 4.69 0.00
N SALMON___HYD 24042	49.08 0.87 0.00	42.82 0.55 0.00	38.84 0.31 0.00	38.28 0.34 0.00	36.11 0.25 0.00	37.15 0.22 0.00	37.93 0.27 0.00	37.56 0.52 0.00	42.42 0.79 0.00	46.33 0.95 0.00	49.70 0.92 0.00	53.60 0.95 0.00	56.76 1.06 0.00	62.27 1.28 0.00	66.53 0.85 0.00	73.11 0.65 0.00	80.57 0.64 0.00	84.82 0.08 0.00	82.55 0.58 -0.15	82.12 0.90 0.00	73.28 0.80 0.00	67.05 1.25 0.00	56.16 0.56 0.00	50.80 0.36 0.00
N.AKRON__115KV_KNAPP 355671	48.94 0.72 0.00	42.32 0.04 0.00	38.34 -0.19 0.00	37.07 -0.87 0.00	34.82 -1.04 0.00	35.93 -1.00 0.00	36.87 -0.79 0.00	36.64 -0.41 0.00	40.46 -1.17 0.00	44.51 -0.86 0.00	48.82 0.05 0.00	53.60 0.95 0.00	57.37 1.67 0.00	61.96 0.98 0.00	66.86 1.18 0.00	74.71 2.25 0.00	83.06 3.12 0.00	89.31 4.58 0.00	85.50 3.68 0.00	84.31 3.09 0.00	74.72 2.25 0.00	66.99 1.18 0.00	56.77 1.17 0.00	51.00 0.55 0.00
N.E_GEN_SANDY PD 24062	49.27 1.06 0.00	43.75 1.48 0.00	40.00 1.46 0.00	39.38 1.44 0.00	37.22 1.36 0.00	38.41 1.48 0.00	38.86 1.43 0.23	38.46 1.19 -0.23	42.75 1.12 0.00	46.51 1.13 0.00	49.65 0.88 0.00	53.11 0.47 0.01	56.49 0.78 -0.01	61.90 0.92 0.00	66.86 1.18 0.00	74.20 1.74 0.00	81.78 1.84 0.00	87.52 2.79 0.00	84.27 2.45 0.00	83.17 1.95 0.00	74.07 1.59 0.00	66.79 0.99 0.00	56.83 1.22 0.00	51.60 1.16 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	49.90 1.69 0.00	44.43 2.16 0.00	40.69 2.16 0.00	39.91 1.97 0.00	37.69 1.83 0.00	38.88 1.96 0.00	39.62 1.96 0.00	38.86 1.82 0.00	43.63 2.00 0.00	47.37 2.00 0.00	50.92 2.15 0.00	54.71 2.05 0.00	57.87 2.17 0.00	63.31 2.32 0.00	68.17 2.50 0.00	76.01 3.55 0.00	83.70 3.76 0.00	89.98 5.25 0.00	85.83 4.01 0.00	84.55 3.33 0.00	75.01 2.54 0.00	67.52 1.71 0.00	57.61 2.00 0.00	52.61 2.17 0.00
N.QUEENS_27_KV_LOAD 356247	50.68 2.46 -0.01	45.20 2.92 -0.01	41.36 2.81 -0.01	40.49 2.54 -0.01	38.24 2.37 -0.01	39.48 2.55 -0.01	40.15 2.49 0.00	39.23 2.19 0.00	43.88 2.25 0.00	47.78 2.40 0.00	51.06 2.29 0.00	54.86 2.21 0.00	57.87 2.17 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.30 3.84 0.01	83.93 4.00 0.01	90.37 5.51 -0.13	86.14 4.25 -0.07	84.71 3.49 0.01	75.08 2.61 0.01	67.44 1.65 0.01	57.89 2.28 0.00	53.32 2.88 0.00
N.TROY___115KV_TB1 355778	49.66 1.45 0.00	43.84 1.56 0.00	40.04 1.50 0.00	39.46 1.52 0.00	37.30 1.43 0.00	38.44 1.51 0.00	39.17 1.51 0.00	38.27 1.22 0.00	42.92 1.29 0.00	46.64 1.27 0.00	49.89 1.12 0.00	53.70 1.05 0.00	56.70 1.00 0.00	62.21 1.22 0.00	67.05 1.38 0.00	74.49 2.03 0.00	82.18 2.24 0.00	88.04 3.30 0.00	84.85 3.03 0.00	83.82 2.60 0.00	74.80 2.32 0.00	67.52 1.71 0.00	57.27 1.67 0.00	52.01 1.56 0.00
NARROWS_GT1_1 24228	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NARROWS_GT1_2 24229	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NARROWS_GT1_3 24230	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NARROWS_GT1_4 24231	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NARROWS_GT1_5 24232	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00

NARROWS_GT1_6 24233	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NARROWS_GT1_7 24234	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NARROWS_GT1_8 24235	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NARROWS_GT2_1 24236	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NARROWS_GT2_2 24237	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NARROWS_GT2_3 24238	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NARROWS_GT2_4 24239	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NARROWS_GT2_5 24240	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NARROWS_GT2_6 24241	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NARROWS_GT2_7 24242	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NARROWS_GT2_8 24243	50.63 2.41 -0.01	45.28 3.00 -0.01	41.44 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	43.92 2.29 0.00	47.96 2.58 0.00	51.21 2.44 0.00	54.49 1.84 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.42 2.76 0.01	76.15 3.69 0.01	83.85 3.92 0.01	89.89 5.17 0.01	85.90 4.09 0.01	84.55 3.33 0.01	74.46 2.47 0.48	66.07 1.58 1.31	57.72 2.11 0.00	53.12 2.67 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.66 1.45 0.00	43.80 1.52 0.00	39.88 1.35 0.00	39.34 1.40 0.00	37.15 1.29 0.00	38.29 1.37 0.00	38.94 1.28 0.00	37.97 0.93 0.00	41.73 1.17 1.06	44.02 1.00 2.35	46.06 0.78 3.49	48.63 0.74 4.76	50.47 0.56 5.78	54.14 0.79 7.65	57.31 0.99 9.35	62.19 1.52 11.80	81.59 1.68 0.02	86.35 3.30 1.69	84.24 3.03 0.61	83.97 3.01 0.25	74.58 2.10 0.00	67.58 1.78 0.00	57.05 1.45 0.00	51.65 1.21 0.00
NCHELSEA_115KV_TR2 355582	50.24 2.03 0.00	44.68 2.41 0.00	40.85 2.31 0.00	40.10 2.16 0.00	37.83 1.97 0.00	39.07 2.14 0.00	39.77 2.11 0.00	38.97 1.93 0.00	43.79 2.16 0.00	47.55 2.18 0.00	51.02 2.24 0.00	54.86 2.21 0.00	58.10 2.40 0.00	63.67 2.68 0.00	68.56 2.89 0.00	76.45 3.99 0.00	84.25 4.32 0.00	90.58 5.85 0.00	86.57 4.75 0.00	85.36 4.14 0.00	75.81 3.33 0.00	68.24 2.43 0.00	58.00 2.39 0.00	52.87 2.42 0.00
NEG CAPITAL___MECHNVIL 23645	50.62 2.41 0.00	44.64 2.37 0.00	40.69 2.16 0.00	40.06 2.12 0.00	37.87 2.01 0.00	38.99 2.07 0.00	39.73 2.07 0.00	38.86 1.81 0.00	43.63 2.00 0.00	47.50 2.13 0.00	50.77 2.00 0.00	54.60 1.95 0.00	57.87 2.17 0.00	63.49 2.50 0.00	68.70 3.02 0.00	76.08 3.62 0.00	84.01 4.07 0.00	90.07 5.34 0.00	86.98 5.16 0.00	86.01 4.79 0.00	76.68 4.20 0.00	69.29 3.49 0.00	58.61 3.00 0.00	53.02 2.57 0.00
NEG CENTRAL_HIGH_ACRES 23767	48.31 -0.14 -0.24	41.60 -0.68 0.00	37.77 -0.77 0.00	36.84 -1.10 0.00	34.86 -1.00 0.00	35.74 -1.18 0.00	36.72 -0.94 0.00	36.30 -0.74 0.00	40.88 -0.75 0.00	44.74 -0.64 0.00	48.92 0.15 0.00	53.93 1.16 -0.12	56.54 0.84 0.00	61.65 0.55 -0.12	67.27 1.44 -0.16	74.34 1.67 -0.21	82.41 2.16 -0.31	87.93 2.79 -0.40	84.71 2.54 -0.35	83.44 1.87 -0.35	74.03 1.31 -0.24	66.61 0.59 -0.21	56.00 0.39 0.00	50.78 0.25 -0.08

NEG CENTRAL___DRP 24199	49.24 0.48 -0.54	42.53 0.25 0.00	38.77 0.23 0.00	37.98 0.04 0.00	35.90 0.04 0.00	36.89 -0.04 0.00	37.78 0.11 0.00	37.19 0.15 0.00	41.55 -0.08 0.00	45.55 0.18 0.00	49.16 0.39 0.00	53.77 0.84 -0.27	56.82 1.11 0.00	62.29 1.04 -0.26	67.34 1.31 -0.35	74.97 2.03 -0.48	83.12 2.48 -0.71	89.20 3.56 -0.91	86.29 3.68 -0.79	85.03 3.01 -0.80	75.57 2.54 -0.55	68.00 1.71 -0.48	56.83 1.22 0.00	51.44 0.81 -0.19
NEG CENTRAL___INDECK 23768	50.96 2.75 0.00	43.88 1.61 0.00	39.81 1.27 0.00	38.70 0.76 0.00	36.62 0.75 0.00	37.52 0.59 0.00	38.53 0.87 0.00	37.90 0.85 0.00	42.29 0.66 0.00	45.87 0.50 0.00	49.84 1.07 0.00	55.07 2.42 0.00	57.70 2.00 0.00	60.62 -0.36 0.00	66.20 0.52 0.00	73.04 0.58 0.00	81.45 1.52 0.00	87.61 2.88 0.00	85.59 3.77 0.00	85.36 4.14 0.00	76.39 3.91 0.00	68.70 2.89 0.00	59.66 4.06 0.00	53.82 3.38 0.00
NEG CENTRAL___SENECA 23627	49.40 0.87 -0.32	42.87 0.59 0.00	39.04 0.50 0.00	38.17 0.23 0.00	36.08 0.22 0.00	37.07 0.15 0.00	38.00 0.34 0.00	37.45 0.41 0.00	41.75 0.12 0.00	45.83 0.45 0.00	49.46 0.68 0.00	54.02 1.21 -0.16	57.37 1.67 0.00	62.67 1.52 -0.16	67.72 1.84 -0.21	75.50 2.75 -0.29	83.72 3.36 -0.42	89.94 4.66 -0.54	87.03 4.75 -0.47	85.76 4.06 -0.48	76.28 3.48 -0.33	68.46 2.37 -0.29	57.39 1.78 0.00	51.72 1.16 -0.11
NEG CENTRAL___STATE_STREET 24147	49.21 0.34 -0.66	42.36 0.08 0.00	38.61 0.08 0.00	37.90 -0.04 0.00	35.83 -0.04 0.00	36.85 -0.07 0.00	37.70 0.04 0.00	37.08 0.04 0.00	41.50 -0.12 0.00	45.46 0.09 0.00	49.06 0.29 0.00	53.62 0.63 -0.33	56.48 0.78 0.00	62.10 0.79 -0.32	67.09 0.99 -0.43	74.72 1.67 -0.59	82.80 2.00 -0.87	88.82 2.97 -1.12	85.81 3.03 -0.96	84.64 2.44 -0.98	75.25 2.10 -0.67	67.78 1.38 -0.59	56.61 1.00 0.00	51.39 0.71 -0.24
NEG MILLWOOD___DRP 24198	50.43 2.22 0.00	44.90 2.62 0.00	41.04 2.50 0.00	40.29 2.35 0.00	37.98 2.12 0.00	39.25 2.33 0.00	39.96 2.30 0.00	39.15 2.11 0.00	44.00 2.37 0.00	47.87 2.50 0.00	51.50 2.73 0.00	55.34 2.69 0.00	58.60 2.90 0.00	64.16 3.17 0.00	69.16 3.48 0.00	77.32 4.85 0.00	85.05 5.12 0.00	91.59 6.86 0.00	87.38 5.56 0.00	85.93 4.71 0.00	76.25 3.77 0.00	68.64 2.83 0.00	58.28 2.67 0.00	53.07 2.62 0.00
NEG NORTH_FLCN_SEA 23793	47.97 -0.24 0.00	42.19 -0.08 0.00	38.30 -0.23 0.00	37.75 -0.19 0.00	35.61 -0.25 0.00	36.63 -0.30 0.00	37.40 -0.26 0.00	37.01 -0.04 0.00	41.80 0.17 0.00	45.55 0.18 0.00	48.58 -0.20 0.00	52.39 -0.26 0.00	55.48 -0.22 0.00	60.80 -0.18 0.00	65.41 -0.26 0.00	71.45 -1.01 0.00	78.74 -1.20 0.00	82.53 -2.20 0.00	80.30 -1.55 -0.03	80.08 -1.14 0.00	71.46 -1.01 0.00	65.41 -0.39 0.00	54.83 -0.78 0.00	49.64 -0.81 0.00
NEG NORTH_KES_CHATEGAY 23792	48.36 0.14 0.00	42.28 0.00 0.00	38.38 -0.15 0.00	37.83 -0.11 0.00	35.68 -0.18 0.00	36.71 -0.22 0.00	37.48 -0.19 0.00	37.08 0.04 0.00	41.84 0.21 0.00	45.60 0.23 0.00	48.82 0.05 0.00	52.70 0.05 0.00	55.76 0.06 0.00	61.11 0.12 0.00	65.74 0.07 0.00	71.74 -0.72 0.00	79.06 -0.88 0.00	82.70 -2.03 0.00	80.74 -1.15 -0.06	80.57 -0.65 0.00	72.04 -0.43 0.00	65.87 0.07 0.00	55.27 -0.33 0.00	50.04 -0.40 0.00
NEG NORTH___ALICE_FALLS 23915	48.50 0.29 0.00	42.53 0.25 0.00	38.57 0.04 0.00	38.01 0.08 0.00	35.90 0.04 0.00	36.89 -0.04 0.00	37.66 0.00 0.00	37.26 0.22 0.00	42.04 0.42 0.00	45.87 0.50 0.00	49.02 0.24 0.00	52.91 0.26 0.00	56.04 0.33 0.00	61.41 0.43 0.00	66.07 0.39 0.00	72.17 -0.29 0.00	79.62 -0.32 0.00	83.55 -1.19 0.00	81.37 -0.49 -0.04	80.98 -0.24 0.00	72.26 -0.22 0.00	66.13 0.33 0.00	55.44 -0.17 0.00	50.14 -0.30 0.00
NEG NORTH___LWR_SARANAC 23913	48.50 0.29 0.00	42.53 0.25 0.00	38.57 0.04 0.00	38.01 0.08 0.00	35.90 0.04 0.00	36.89 -0.04 0.00	37.66 0.00 0.00	37.26 0.22 0.00	42.04 0.42 0.00	45.87 0.50 0.00	49.02 0.24 0.00	52.91 0.26 0.00	56.04 0.33 0.00	61.41 0.43 0.00	66.07 0.39 0.00	72.17 -0.29 0.00	79.62 -0.32 0.00	83.55 -1.19 0.00	81.37 -0.49 -0.04	80.98 -0.24 0.00	72.26 -0.22 0.00	66.13 0.33 0.00	55.44 -0.17 0.00	50.14 -0.30 0.00
NEG NORTH___PLATTSBURG 23628	48.51 0.29 0.00	42.53 0.26 0.00	38.57 0.04 0.00	38.01 0.08 0.00	35.90 0.04 0.00	36.89 -0.04 0.00	37.66 0.00 0.00	37.27 0.22 0.00	42.04 0.42 0.00	45.87 0.50 0.00	49.02 0.25 0.00	52.92 0.26 0.00	56.04 0.34 0.00	61.42 0.43 0.00	65.67 0.00 0.00	72.17 -0.29 0.00	79.62 -0.32 0.00	83.80 -0.93 0.00	81.37 -0.49 -0.04	80.98 -0.24 0.00	72.26 -0.22 0.00	66.07 0.26 0.00	55.44 -0.17 0.00	50.14 -0.30 0.00
NEG WEST_LEA_LOCKPORT 23791	47.93 -0.29 0.00	41.51 -0.76 0.00	37.61 -0.92 0.00	36.35 -1.59 0.00	34.18 -1.69 0.00	35.23 -1.70 0.00	36.20 -1.47 0.00	35.97 -1.07 0.00	39.71 -1.91 0.00	43.65 -1.72 0.00	47.85 -0.93 0.00	52.55 -0.11 0.00	56.20 0.50 0.00	60.68 -0.30 0.00	65.41 -0.26 0.00	72.97 0.51 0.00	81.14 1.20 0.00	87.10 2.37 0.00	83.29 1.47 0.00	82.12 0.89 0.00	72.77 0.29 0.00	65.15 -0.66 0.00	55.44 -0.17 0.00	49.84 -0.61 0.00
NEG WEST___LANCASTR 23811	47.35 -0.87 0.00	41.09 -1.18 0.00	37.42 -1.12 0.00	36.16 -1.78 0.00	34.21 -1.65 0.00	35.12 -1.81 0.00	36.12 -1.54 0.00	36.01 -1.04 0.00	39.96 -1.67 0.00	43.83 -1.54 0.00	47.85 -0.93 0.00	52.55 -0.11 0.00	56.43 0.72 0.00	60.93 -0.06 0.00	65.87 0.20 0.00	73.40 0.94 0.00	81.62 1.68 0.00	87.78 3.05 0.00	83.78 1.96 0.00	82.52 1.30 0.00	73.06 0.58 0.00	65.35 -0.46 0.00	55.61 0.00 0.00	49.43 -1.01 0.00
NEG_PENN_ALLEGHNY 23528	48.94 0.72 0.00	42.82 0.55 0.00	39.11 0.58 0.00	38.36 0.42 0.00	36.29 0.43 0.00	37.33 0.41 0.00	38.19 0.53 0.00	37.49 0.45 0.00	42.00 0.37 0.00	45.87 0.50 0.00	49.50 0.73 0.00	53.97 1.32 0.00	56.92 1.22 0.00	62.21 1.22 0.00	67.58 1.91 0.00	74.63 2.17 0.00	82.50 2.56 0.00	88.03 3.30 0.00	85.01 3.19 0.00	83.82 2.60 0.00	74.65 2.17 0.00	67.25 1.45 0.00	56.83 1.22 0.00	51.55 1.11 0.00
NEG___GEN_MONROE 24207	48.89 0.68 0.00	42.32 0.04 0.00	38.38 -0.15 0.00	37.33 -0.61 0.00	35.32 -0.54 0.00	36.26 -0.66 0.00	37.21 -0.45 0.00	36.78 -0.26 0.00	40.92 -0.71 0.00	44.92 -0.45 0.00	49.02 0.24 0.00	53.55 0.90 0.00	57.09 1.39 0.00	61.90 0.91 0.00	66.92 1.25 0.00	74.64 2.17 0.00	82.74 2.80 0.00	89.05 4.32 0.00	85.58 3.76 0.00	84.55 3.33 0.00	75.16 2.68 0.00	67.52 1.71 0.00	57.00 1.39 0.00	51.15 0.71 0.00
NEPA___ENERGY 23901	47.30 -0.92 0.00	41.18 -1.10 0.00	37.57 -0.96 0.00	36.42 -1.52 0.00	34.53 -1.33 0.00	35.41 -1.51 0.00	36.38 -1.28 0.00	36.08 -0.96 0.00	40.05 -1.58 0.00	43.78 -1.59 0.00	47.65 -1.12 0.00	52.18 -0.47 0.00	55.92 0.22 0.00	60.44 -0.55 0.00	65.28 -0.39 0.00	72.68 0.22 0.00	80.74 0.80 0.00	86.85 2.12 0.00	82.97 1.15 0.00	81.79 0.57 0.00	72.62 0.14 0.00	65.08 -0.72 0.00	55.33 -0.28 0.00	49.54 -0.91 0.00

NEVERSINK___HYD 23608	49.86 1.64 0.00	44.26 1.99 0.00	40.50 1.96 0.00	39.72 1.78 0.00	37.51 1.65 0.00	38.70 1.77 0.00	39.40 1.73 0.00	38.60 1.56 0.00	43.13 1.58 0.08	46.82 1.63 0.18	50.17 1.66 0.26	53.76 1.47 0.36	57.16 1.89 0.44	62.60 2.19 0.58	67.66 2.69 0.71	74.97 3.41 0.89	83.77 3.84 0.00	89.86 5.26 0.13	86.19 4.42 0.05	85.10 3.90 0.02	75.66 3.19 0.00	68.31 2.50 0.00	57.83 2.23 0.00	52.46 2.02 0.00
NEWKRMKL_115KV_TB1 55635	48.84 0.63 0.00	43.12 0.85 0.00	39.38 0.85 0.00	38.81 0.87 0.00	36.69 0.82 0.00	37.85 0.92 0.00	38.57 0.90 0.00	37.71 0.67 0.00	42.25 0.62 0.00	45.96 0.59 0.00	49.26 0.49 0.00	53.07 0.42 0.00	55.70 0.00 0.00	61.05 0.06 0.00	65.81 0.13 0.00	73.04 0.58 0.00	80.50 0.56 0.00	86.17 1.44 0.00	82.88 1.06 0.00	81.87 0.65 0.00	72.91 0.43 0.00	65.94 0.13 0.00	55.94 0.33 0.00	50.80 0.35 0.00
NEWTON___FALLS_HYD 23847	49.84 1.30 -0.32	43.12 0.85 0.00	39.19 0.66 0.00	38.51 0.57 0.00	36.47 0.61 0.00	37.48 0.55 0.00	38.23 0.56 0.00	37.64 0.59 0.00	42.29 0.67 0.00	46.19 0.82 0.00	49.65 0.88 0.00	53.76 0.95 -0.16	56.59 0.89 0.00	62.42 1.28 -0.16	67.07 1.18 -0.21	73.76 1.01 -0.29	81.88 1.52 -0.42	86.21 0.93 -0.54	85.02 2.45 -0.74	84.38 2.68 -0.48	74.98 2.17 -0.33	68.40 2.30 -0.29	56.77 1.17 0.00	51.37 0.81 -0.11
NGRID_A1_DSASP 323792	47.44 -0.77 0.00	40.92 -1.35 0.00	37.57 -0.96 0.00	36.35 -1.59 0.00	34.43 -1.44 0.00	34.67 -2.25 0.00	35.82 -1.84 0.00	35.60 -1.45 0.00	40.17 -1.46 0.00	43.60 -1.77 0.00	47.90 -0.88 0.00	53.49 0.84 0.00	55.70 0.00 0.00	60.13 -0.85 0.00	66.00 0.33 0.00	72.39 -0.07 0.00	80.66 0.00 0.00	85.83 1.10 0.00	82.23 0.41 0.00	81.06 -0.16 0.00	71.82 -0.65 0.00	64.36 -1.45 0.00	54.55 -1.06 0.00	49.74 -0.71 0.00
NGRID_A2_DSASP 323793	47.44 -0.77 0.00	40.92 -1.35 0.00	37.57 -0.96 0.00	36.35 -1.59 0.00	34.43 -1.44 0.00	34.67 -2.25 0.00	35.82 -1.84 0.00	35.60 -1.45 0.00	40.17 -1.46 0.00	43.60 -1.77 0.00	47.90 -0.88 0.00	53.49 0.84 0.00	55.70 0.00 0.00	60.13 -0.85 0.00	66.00 0.33 0.00	72.39 -0.07 0.00	80.66 0.00 0.00	85.83 1.10 0.00	82.23 0.41 0.00	81.06 -0.16 0.00	71.82 -0.65 0.00	64.36 -1.45 0.00	54.55 -1.06 0.00	49.74 -0.71 0.00
NGRID_A4_DSASP 323807	47.44 -0.77 0.00	40.92 -1.35 0.00	37.57 -0.96 0.00	36.35 -1.59 0.00	34.43 -1.44 0.00	34.67 -2.25 0.00	35.82 -1.84 0.00	35.60 -1.45 0.00	40.17 -1.46 0.00	43.60 -1.77 0.00	47.90 -0.88 0.00	53.49 0.84 0.00	55.70 0.00 0.00	60.13 -0.85 0.00	66.00 0.33 0.00	72.39 -0.07 0.00	80.66 0.00 0.00	85.83 1.10 0.00	82.23 0.41 0.00	81.06 -0.16 0.00	71.82 -0.65 0.00	64.36 -1.45 0.00	54.55 -1.06 0.00	49.74 -0.71 0.00
NIAGARA_115E_LBMP 323715	48.12 -0.10 0.00	41.56 -0.72 0.00	36.99 -1.54 0.00	35.78 -2.16 0.00	33.89 -1.97 0.00	35.23 -1.70 0.00	36.27 -1.39 0.00	35.78 -1.26 0.00	40.26 -1.37 0.00	43.56 -1.82 0.00	47.90 -0.88 0.00	53.49 0.84 0.00	55.70 0.00 0.00	60.13 -0.85 0.00	66.14 0.46 0.00	72.54 0.07 0.00	80.90 0.96 0.00	86.08 1.35 0.00	82.47 0.65 0.00	81.38 0.16 0.00	72.12 -0.36 0.00	64.49 -1.32 0.00	54.71 -0.89 0.00	50.39 -0.05 0.00
NIAGARA_115W_LBMP 323714	47.30 -0.92 0.00	40.84 -1.44 0.00	37.53 -1.00 0.00	36.27 -1.67 0.00	34.39 -1.47 0.00	34.60 -2.33 0.00	35.74 -1.92 0.00	35.49 -1.55 0.00	40.05 -1.58 0.00	43.47 -1.90 0.00	47.75 -1.03 0.00	53.33 0.68 0.00	55.53 -0.17 0.00	59.89 -1.10 0.00	65.81 0.13 0.00	72.17 -0.29 0.00	80.42 0.48 0.00	85.58 0.85 0.00	81.98 0.16 0.00	80.90 -0.32 0.00	71.68 -0.80 0.00	64.16 -1.64 0.00	54.38 -1.22 0.00	49.59 -0.86 0.00
NIAGARA_230_LBMP 323716	47.88 -0.34 0.00	41.34 -0.93 0.00	37.42 -1.12 0.00	36.19 -1.74 0.00	34.32 -1.54 0.00	35.08 -1.85 0.00	36.23 -1.43 0.00	35.97 -1.08 0.00	40.55 -1.08 0.00	44.01 -1.36 0.00	48.33 -0.44 0.00	53.86 1.21 0.00	56.14 0.44 0.00	60.56 -0.42 0.00	66.59 0.92 0.00	73.04 0.58 0.00	81.38 1.44 0.00	86.68 1.95 0.00	83.13 1.31 0.00	81.95 0.73 0.00	72.62 0.15 0.00	65.02 -0.79 0.00	55.11 -0.50 0.00	50.24 -0.20 0.00
NIAGARA___115KV_198_GIBSON 55903	47.01 -1.21 0.00	40.75 -1.52 0.00	36.88 -1.66 0.00	35.66 -2.28 0.00	34.39 -1.47 0.00	34.60 -2.33 0.00	35.63 -2.03 0.00	35.49 -1.56 0.00	39.34 -2.29 0.00	43.19 -2.18 0.00	47.31 -1.46 0.00	51.91 -0.74 0.00	55.53 -0.17 0.00	59.89 -1.10 0.00	64.56 -1.12 0.00	71.96 -0.51 0.00	80.02 0.08 0.00	85.83 1.10 0.00	81.98 0.16 0.00	80.82 -0.41 0.00	71.68 -0.80 0.00	64.16 -1.65 0.00	54.38 -1.22 0.00	48.73 -1.72 0.00
NIAGARA____ 23760	47.88 -0.34 0.00	41.34 -0.93 0.00	37.42 -1.12 0.00	36.19 -1.74 0.00	34.32 -1.54 0.00	35.08 -1.85 0.00	36.23 -1.43 0.00	35.97 -1.08 0.00	40.55 -1.08 0.00	44.01 -1.36 0.00	48.33 -0.44 0.00	53.86 1.21 0.00	56.14 0.44 0.00	60.56 -0.42 0.00	66.59 0.92 0.00	73.04 0.58 0.00	81.38 1.44 0.00	86.68 1.95 0.00	83.13 1.31 0.00	81.95 0.73 0.00	72.62 0.15 0.00	65.02 -0.79 0.00	55.11 -0.50 0.00	50.24 -0.20 0.00
NINE_MILE_1 23575	38.86 -1.30 8.06	41.05 -1.23 0.00	37.42 -1.12 0.00	36.80 -1.14 0.00	34.79 -1.07 0.00	35.78 -1.15 0.00	36.61 -1.05 0.00	35.97 -1.08 0.00	40.42 -1.21 0.00	44.05 -1.32 0.00	47.50 -1.27 0.00	47.48 -1.11 4.07	54.36 -1.34 0.00	55.53 -1.52 3.94	59.07 -1.31 5.29	63.90 -1.38 7.18	67.89 -1.44 10.61	69.75 -1.27 13.71	68.79 -1.23 11.81	67.78 -1.46 11.98	62.84 -1.38 8.26	57.07 -1.51 7.22	54.27 -1.34 0.00	46.35 -1.21 2.88
NINE_MILE_2 23744	38.78 -1.30 8.13	41.09 -1.18 0.00	37.42 -1.12 0.00	36.80 -1.14 0.00	34.79 -1.07 0.00	35.78 -1.15 0.00	36.61 -1.05 0.00	35.97 -1.08 0.00	40.42 -1.21 0.00	44.05 -1.32 0.00	47.50 -1.27 0.00	47.44 -1.11 4.10	54.36 -1.34 0.00	55.55 -1.46 3.97	59.03 -1.31 5.34	63.84 -1.38 7.25	67.80 -1.44 10.70	69.63 -1.27 13.83	68.68 -1.23 11.92	67.68 -1.46 12.09	62.76 -1.38 8.34	57.00 -1.51 7.29	54.27 -1.34 0.00	46.32 -1.21 2.91
NM_CAPITAL___DRP 24208	48.84 0.63 0.00	43.16 0.89 0.00	39.42 0.89 0.00	38.89 0.95 0.00	36.76 0.90 0.00	37.89 0.96 0.00	38.61 0.94 0.00	37.75 0.70 0.00	42.29 0.67 0.00	46.01 0.64 0.00	49.26 0.49 0.00	53.02 0.37 0.00	55.76 0.06 0.00	61.11 0.12 0.00	65.87 0.20 0.00	73.11 0.65 0.00	80.58 0.64 0.00	86.26 1.53 0.00	82.97 1.15 0.00	81.95 0.73 0.00	73.06 0.58 0.00	66.00 0.20 0.00	56.00 0.39 0.00	50.90 0.45 0.00
NM_CENTRAL___DRP 24181	48.03 -0.43 -0.25	41.81 -0.47 0.00	38.11 -0.42 0.00	37.45 -0.49 0.00	35.39 -0.47 0.00	36.41 -0.52 0.00	37.25 -0.41 0.00	36.60 -0.44 0.00	41.05 -0.58 0.00	44.92 -0.45 0.00	48.43 -0.34 0.00	52.62 -0.16 -0.13	55.59 -0.11 0.00	60.99 -0.12 -0.12	65.77 -0.07 -0.17	73.05 0.36 -0.23	80.75 0.48 -0.33	86.26 1.10 -0.43	83.25 1.06 -0.37	82.17 0.57 -0.38	73.17 0.43 -0.26	66.03 0.00 -0.23	55.50 -0.11 0.00	50.33 -0.20 -0.09

NM_FRONTIER___DRP 24179	47.01 -1.21 0.00	40.75 -1.52 0.00	36.88 -1.66 0.00	35.66 -2.28 0.00	34.39 -1.47 0.00	34.60 -2.33 0.00	35.63 -2.03 0.00	35.49 -1.56 0.00	39.34 -2.29 0.00	43.19 -2.18 0.00	47.31 -1.46 0.00	51.91 -0.74 0.00	55.53 -0.17 0.00	59.89 -1.10 0.00	64.56 -1.12 0.00	71.96 -0.51 0.00	80.02 0.08 0.00	85.83 1.10 0.00	81.98 0.16 0.00	80.82 -0.41 0.00	71.68 -0.80 0.00	64.16 -1.65 0.00	54.38 -1.22 0.00	48.73 -1.72 0.00
NM_ST_REGIS___HYD 24053	49.08 0.87 0.00	42.74 0.47 0.00	38.73 0.19 0.00	38.17 0.23 0.00	36.04 0.18 0.00	37.04 0.11 0.00	37.81 0.15 0.00	37.38 0.33 0.00	42.25 0.62 0.00	46.14 0.77 0.00	49.55 0.78 0.00	53.49 0.84 0.00	56.48 0.78 0.00	62.02 1.04 0.00	66.66 0.99 0.00	72.68 0.22 0.00	80.26 0.32 0.00	83.29 -1.44 0.00	82.42 0.25 -0.35	82.03 0.81 0.00	73.20 0.72 0.00	67.06 1.25 0.00	56.11 0.50 0.00	50.85 0.40 0.00
NORTHPORT___1 23551	47.31 -0.05 0.85	44.81 2.54 0.00	41.35 2.81 0.00	40.22 2.28 0.00	37.94 2.08 0.00	39.25 2.33 0.00	39.89 2.22 0.00	39.26 2.22 0.00	43.71 2.08 0.00	46.10 0.72 0.00	50.59 1.81 -0.01	51.91 -0.74 0.00	54.04 0.39 2.05	54.31 0.61 7.29	57.28 0.99 9.38	66.55 1.31 7.22	73.14 1.20 8.00	77.74 2.88 9.87	79.45 1.47 3.84	69.47 0.24 11.99	66.23 -0.14 6.10	55.67 -0.66 9.48	53.79 -0.06 1.76	51.00 0.56 0.00
NORTHPORT___2 23552	47.31 -0.05 0.85	44.81 2.54 0.00	41.35 2.81 0.00	40.22 2.28 0.00	37.94 2.08 0.00	39.25 2.33 0.00	39.89 2.22 0.00	39.26 2.22 0.00	43.71 2.08 0.00	46.10 0.72 0.00	50.59 1.81 -0.01	51.91 -0.74 0.00	54.04 0.39 2.05	54.31 0.61 7.29	57.28 0.99 9.38	66.55 1.31 7.22	73.14 1.20 8.00	77.74 2.88 9.87	79.45 1.47 3.84	69.47 0.24 11.99	66.23 -0.14 6.10	55.67 -0.66 9.48	53.79 -0.06 1.76	51.00 0.56 0.00
NORTHPORT___3 23553	47.12 -0.24 0.86	44.30 2.03 0.00	40.93 2.39 0.00	39.84 1.90 0.00	37.58 1.72 0.00	38.88 1.96 0.00	39.51 1.85 0.00	38.89 1.85 0.00	43.21 1.58 0.00	45.65 0.27 0.00	50.05 1.27 -0.01	51.97 -0.69 0.00	53.92 0.28 2.06	54.12 0.43 7.30	57.08 0.79 9.39	66.47 1.23 7.23	73.05 1.12 8.01	77.46 2.63 9.90	79.27 1.31 3.86	69.47 0.24 12.00	66.12 -0.29 6.07	55.57 -0.79 9.45	53.52 -0.33 1.75	50.24 -0.20 0.00
NORTHPORT___4 23650	47.12 -0.24 0.86	44.30 2.03 0.00	40.93 2.39 0.00	39.84 1.90 0.00	37.58 1.72 0.00	38.88 1.96 0.00	39.51 1.85 0.00	38.89 1.85 0.00	43.21 1.58 0.00	45.65 0.27 0.00	50.05 1.27 -0.01	51.97 -0.69 0.00	53.92 0.28 2.06	54.12 0.43 7.30	57.08 0.79 9.39	66.47 1.23 7.23	73.05 1.12 8.01	77.46 2.63 9.90	79.27 1.31 3.86	69.47 0.24 12.00	66.12 -0.29 6.07	55.57 -0.79 9.45	53.52 -0.33 1.75	50.24 -0.20 0.00
NORTHPORT___IC 23718	47.41 0.05 0.85	45.02 2.75 0.00	41.35 2.81 0.00	40.25 2.31 0.00	37.94 2.08 0.00	39.25 2.33 0.00	39.92 2.26 0.00	39.27 2.22 0.00	44.42 2.79 0.00	46.82 1.45 0.00	51.80 3.02 0.00	55.49 2.84 0.00	54.04 0.39 2.05	54.31 0.61 7.29	57.02 0.72 9.38	66.98 1.74 7.22	72.97 1.04 8.00	77.91 3.05 9.87	79.45 1.47 3.84	69.47 0.24 11.99	66.23 -0.14 6.10	55.60 -0.72 9.48	53.79 -0.06 1.76	53.27 2.82 0.00
NORTH___COUNTRY_ESR 323785	48.22 0.00 0.00	42.15 -0.13 0.00	38.27 -0.27 0.00	37.71 -0.23 0.00	35.61 -0.25 0.00	36.63 -0.30 0.00	37.40 -0.26 0.00	37.01 -0.04 0.00	41.80 0.17 0.00	45.55 0.18 0.00	48.82 0.05 0.00	52.65 0.00 0.00	55.76 0.06 0.00	61.11 0.12 0.00	65.28 -0.39 0.00	71.74 -0.72 0.00	79.06 -0.88 0.00	82.95 -1.78 0.00	80.49 -1.39 -0.06	80.33 -0.89 0.00	71.75 -0.72 0.00	65.61 -0.20 0.00	55.16 -0.45 0.00	49.89 -0.55 0.00
NPX_GEN_1385_PROXY 323591	47.31 -0.05 0.85	44.81 2.54 0.00	41.19 2.66 0.00	40.22 2.28 0.00	37.94 2.08 0.00	39.25 2.33 0.00	39.65 2.22 0.23	39.39 2.11 -0.23	43.54 1.92 0.00	45.96 0.59 0.00	50.00 1.22 -0.01	51.06 -1.58 0.01	53.88 0.22 2.04	54.07 0.37 7.29	57.28 0.99 9.38	66.55 1.31 7.22	73.21 1.28 8.00	77.65 2.79 9.87	79.53 1.55 3.84	69.72 0.49 11.99	66.89 0.51 6.10	55.87 -0.46 9.48	53.57 -0.28 1.76	50.65 0.20 0.00
NPX_GEN_CSC 323557	47.81 0.43 0.84	44.77 2.49 0.00	41.19 2.66 0.00	39.99 2.05 0.00	37.69 1.83 0.00	39.03 2.10 0.00	39.39 1.96 0.23	39.27 2.00 -0.23	43.54 1.92 0.00	46.28 0.91 0.00	50.73 1.95 -0.01	52.64 0.00 0.01	56.79 1.22 0.14	62.04 1.58 0.53	67.16 2.16 0.68	74.54 2.60 0.52	82.15 2.80 0.58	88.41 4.74 1.06	84.71 3.36 0.47	82.05 1.71 0.88	67.27 0.80 6.01	59.13 0.20 6.87	54.38 0.50 1.73	51.15 0.71 0.00
NSINS_S_GLNS_FALLS 23858	50.96 2.75 0.00	44.90 2.62 0.00	40.89 2.35 0.00	40.22 2.28 0.00	38.01 2.15 0.00	39.14 2.22 0.00	39.92 2.26 0.00	39.04 2.00 0.00	43.96 2.33 0.00	47.78 2.40 0.00	50.87 2.10 0.00	54.81 2.16 0.00	57.93 2.23 0.00	63.49 2.50 0.00	68.50 2.82 0.00	76.16 3.70 0.00	84.17 4.24 0.00	90.58 5.85 0.00	87.79 5.97 0.00	86.91 5.69 0.00	77.62 5.15 0.00	70.08 4.28 0.00	59.17 3.56 0.00	53.42 2.98 0.00
NUCOR_STEEL___DRP 24197	49.31 0.39 -0.71	42.44 0.17 0.00	38.69 0.15 0.00	38.01 0.08 0.00	35.93 0.07 0.00	36.93 0.00 0.00	37.78 0.11 0.00	37.15 0.11 0.00	41.59 -0.04 0.00	45.55 0.18 0.00	49.16 0.39 0.00	53.69 0.68 -0.36	56.54 0.84 0.00	62.19 0.85 -0.35	67.19 1.05 -0.47	74.76 1.67 -0.63	82.79 1.92 -0.94	88.82 2.88 -1.21	85.73 2.86 -1.04	84.63 2.36 -1.06	75.24 2.03 -0.73	67.76 1.32 -0.64	56.61 1.00 0.00	51.45 0.76 -0.25
NUMBER_THREE_WT_PWR 323818	50.65 2.07 -0.36	43.88 1.61 0.00	39.96 1.43 0.00	39.19 1.25 0.00	37.19 1.33 0.00	38.25 1.33 0.00	38.98 1.32 0.00	38.23 1.19 0.00	42.84 1.21 0.00	46.73 1.36 0.00	50.19 1.42 0.00	54.41 1.58 -0.18	57.26 1.56 0.00	63.18 2.01 -0.18	67.95 2.04 -0.24	75.17 2.39 -0.32	83.77 3.36 -0.48	89.33 3.98 -0.62	87.30 4.83 -0.65	86.15 4.38 -0.54	76.47 3.62 -0.37	69.29 3.16 -0.33	57.33 1.73 0.00	51.84 1.26 -0.13
NYISO_LBMP_REFERENCE 24008	48.22 0.00 0.00	42.28 0.00 0.00	38.54 0.00 0.00	37.94 0.00 0.00	35.86 0.00 0.00	36.93 0.00 0.00	37.66 0.00 0.00	37.04 0.00 0.00	41.63 0.00 0.00	45.37 0.00 0.00	48.77 0.00 0.00	52.65 0.00 0.00	55.70 0.00 0.00	60.99 0.00 0.00	65.67 0.00 0.00	72.46 0.00 0.00	79.94 0.00 0.00	84.73 0.00 0.00	81.82 0.00 0.00	81.22 0.00 0.00	72.48 0.00 0.00	65.81 0.00 0.00	55.61 0.00 0.00	50.44 0.00 0.00
NYPA_BRENTWD____GT 24164	48.41 1.01 0.82	45.40 3.13 0.00	41.81 3.27 0.00	40.63 2.69 0.00	38.33 2.47 0.00	39.66 2.73 0.00	40.30 2.64 0.00	39.67 2.63 0.00	44.21 2.58 0.00	46.92 1.54 0.00	51.41 2.63 -0.01	53.23 0.58 0.00	57.29 1.78 0.19	62.44 2.13 0.68	67.30 2.50 0.87	74.55 2.75 0.67	81.83 2.63 0.74	87.89 4.40 1.24	84.32 3.03 0.53	81.72 1.62 1.13	68.03 1.45 5.89	60.00 0.99 6.80	55.08 1.17 1.70	51.91 1.46 0.00

OAKDALE___35_KV_LOAD 356122	48.60 0.39 0.00	42.57 0.30 0.00	38.92 0.39 0.00	38.20 0.27 0.00	36.15 0.29 0.00	37.19 0.26 0.00	38.00 0.34 0.00	37.30 0.26 0.00	41.71 0.08 0.00	45.55 0.18 0.00	49.11 0.34 0.00	53.28 0.63 0.00	56.59 0.89 0.00	61.78 0.79 0.00	66.66 0.99 0.00	74.06 1.59 0.00	81.86 1.92 0.00	87.61 2.88 0.00	84.36 2.54 0.00	83.25 2.03 0.00	74.14 1.67 0.00	66.79 0.99 0.00	56.50 0.89 0.00	51.05 0.61 0.00
OCC_CHEM___DRP 24175	47.15 -1.06 0.00	40.88 -1.40 0.00	36.99 -1.54 0.00	35.78 -2.16 0.00	34.43 -1.43 0.00	34.67 -2.25 0.00	35.71 -1.96 0.00	35.60 -1.44 0.00	39.46 -2.16 0.00	43.33 -2.04 0.00	47.46 -1.32 0.00	52.07 -0.58 0.00	55.70 0.00 0.00	60.13 -0.85 0.00	64.75 -0.92 0.00	72.17 -0.29 0.00	80.26 0.32 0.00	86.09 1.36 0.00	82.23 0.41 0.00	81.06 -0.16 0.00	71.83 -0.65 0.00	64.29 -1.51 0.00	54.55 -1.06 0.00	48.88 -1.56 0.00
OH_GEN_PROXY 24063	47.88 -0.34 0.00	41.34 -0.93 0.00	37.42 -1.12 0.00	36.23 -1.71 0.00	34.32 -1.54 0.00	35.12 -1.81 0.00	36.00 -1.43 0.23	36.20 -1.08 -0.23	40.55 -1.08 0.00	44.01 -1.36 0.00	48.33 -0.44 0.00	53.85 1.21 0.01	56.16 0.44 -0.01	60.62 -0.36 0.00	66.66 0.99 0.00	73.11 0.65 0.00	81.45 1.52 0.00	86.76 2.03 0.00	83.21 1.39 0.00	82.03 0.81 0.00	72.70 0.22 0.00	65.08 -0.72 0.00	55.11 -0.50 0.00	50.24 -0.20 0.00
OLIN_CORP_DRP 24177	47.88 -0.34 0.00	41.56 -0.72 0.00	37.61 -0.92 0.00	36.38 -1.56 0.00	34.00 -1.86 0.00	35.27 -1.66 0.00	36.20 -1.47 0.00	35.86 -1.19 0.00	39.55 -2.08 0.00	43.42 -1.95 0.00	47.60 -1.17 0.00	52.23 -0.42 0.00	55.87 0.17 0.00	60.32 -0.67 0.00	65.02 -0.66 0.00	72.54 0.07 0.00	80.66 0.72 0.00	86.60 1.86 0.00	82.72 0.90 0.00	81.55 0.32 0.00	72.26 -0.22 0.00	64.69 -1.12 0.00	54.83 -0.78 0.00	49.54 -0.91 0.00
OLIN_CORP_DSASP 323712	47.44 -0.77 0.00	40.92 -1.35 0.00	37.57 -0.96 0.00	36.35 -1.59 0.00	34.43 -1.44 0.00	34.67 -2.25 0.00	35.82 -1.84 0.00	35.60 -1.45 0.00	40.17 -1.46 0.00	43.60 -1.77 0.00	47.90 -0.88 0.00	53.49 0.84 0.00	55.70 0.00 0.00	60.13 -0.85 0.00	66.00 0.33 0.00	72.39 -0.07 0.00	80.66 0.72 0.00	85.83 1.10 0.00	82.23 0.41 0.00	81.06 -0.16 0.00	71.82 -0.65 0.00	64.36 -1.45 0.00	54.55 -1.06 0.00	49.74 -0.71 0.00
ONEIDA_HERK_LFGE 323681	49.86 1.64 0.00	43.63 1.35 0.00	39.77 1.23 0.00	39.04 1.10 0.00	37.01 1.15 0.00	38.07 1.15 0.00	38.83 1.17 0.00	38.12 1.07 0.00	42.71 1.08 0.00	46.69 1.32 0.00	50.14 1.36 0.00	54.23 1.58 0.00	57.32 1.62 0.00	63.00 2.01 0.00	67.78 2.10 0.00	75.00 2.53 0.00	83.22 3.28 0.00	88.55 3.82 0.00	86.13 4.25 -0.05	85.12 3.90 0.00	75.74 3.26 0.00	68.63 2.83 0.00	57.44 1.83 0.00	51.81 1.36 0.00
ONEIDA___115KV_TB4 55905	49.76 1.54 0.00	43.59 1.31 0.00	39.73 1.19 0.00	39.00 1.06 0.00	36.97 1.11 0.00	38.03 1.11 0.00	38.76 1.09 0.00	38.04 1.00 0.00	42.59 0.96 0.00	46.55 1.18 0.00	50.09 1.32 0.00	54.23 1.58 0.00	57.43 1.73 0.00	63.06 2.07 0.00	67.84 2.17 0.00	75.29 2.83 0.00	83.46 3.52 0.00	89.05 4.32 0.00	86.26 4.42 -0.02	85.36 4.14 0.00	76.03 3.55 0.00	68.77 2.96 0.00	57.72 2.11 0.00	52.06 1.61 0.00
ONONDAGA_REF_OCCRA 23987	48.19 -0.29 -0.26	41.94 -0.34 0.00	38.27 -0.27 0.00	37.60 -0.34 0.00	35.54 -0.32 0.00	36.56 -0.37 0.00	37.36 -0.30 0.00	36.71 -0.33 0.00	41.17 -0.46 0.00	45.01 -0.36 0.00	48.53 -0.24 0.00	52.73 -0.05 -0.13	55.76 0.06 0.00	61.18 0.06 -0.13	65.98 0.13 -0.17	73.27 0.58 -0.23	81.00 0.72 -0.34	86.61 1.44 -0.44	83.59 1.39 -0.38	82.50 0.89 -0.39	73.47 0.72 -0.27	66.30 0.26 -0.23	55.72 0.11 0.00	50.59 0.05 -0.09
ONONDAGA___COGEN 23986	48.68 -0.39 -0.85	41.85 -0.42 0.00	38.15 -0.39 0.00	37.48 -0.46 0.00	35.43 -0.43 0.00	36.45 -0.48 0.00	37.29 -0.38 0.00	36.64 -0.41 0.00	41.09 -0.54 0.00	45.01 -0.36 0.00	48.48 -0.29 0.00	52.97 -0.11 -0.43	55.65 -0.06 0.00	61.34 -0.06 -0.41	66.30 0.07 -0.56	73.65 0.43 -0.76	81.62 0.56 -1.12	87.36 1.19 -1.44	84.29 1.23 -1.24	83.13 0.65 -1.26	73.85 0.51 -0.87	66.63 0.07 -0.76	55.66 0.06 0.00	50.95 0.20 -0.30
ONTARIO___LFGE 23819	49.55 1.01 -0.32	42.87 0.59 0.00	39.04 0.50 0.00	38.17 0.23 0.00	36.08 0.22 0.00	37.08 0.15 0.00	38.04 0.38 0.00	37.45 0.41 0.00	42.00 0.37 0.00	45.92 0.55 0.00	49.84 1.07 0.00	54.71 1.89 -0.16	57.37 1.67 0.00	62.67 1.53 -0.16	68.44 2.56 -0.21	75.65 2.90 -0.29	83.87 3.51 -0.42	89.51 4.23 -0.54	87.03 4.74 -0.47	85.76 4.06 -0.48	76.28 3.48 -0.33	68.46 2.37 -0.29	57.44 1.83 0.00	52.07 1.51 -0.11
ORANGEVILLE_WT_PWR 323706	48.80 0.58 0.00	42.19 -0.08 0.00	38.23 -0.31 0.00	37.03 -0.91 0.00	35.04 -0.82 0.00	35.97 -0.96 0.00	37.02 -0.64 0.00	36.52 -0.52 0.00	40.96 -0.67 0.00	44.56 -0.82 0.00	48.72 -0.05 0.00	54.23 1.58 0.00	56.76 1.06 0.00	61.42 0.43 0.00	67.45 1.77 0.00	74.05 1.59 0.00	82.57 2.63 0.00	88.03 3.30 0.00	84.68 2.86 0.00	83.74 2.52 0.00	74.44 1.96 0.00	66.60 0.79 0.00	56.33 0.72 0.00	51.10 0.65 0.00
ORANGEVILLE___ESR 323794	48.80 0.58 0.00	42.19 -0.08 0.00	38.23 -0.31 0.00	37.03 -0.91 0.00	35.04 -0.82 0.00	35.97 -0.96 0.00	37.02 -0.64 0.00	36.52 -0.52 0.00	40.96 -0.67 0.00	44.56 -0.82 0.00	48.72 -0.05 0.00	54.23 1.58 0.00	56.76 1.06 0.00	61.42 0.43 0.00	67.45 1.77 0.00	74.05 1.59 0.00	82.57 2.63 0.00	88.03 3.30 0.00	84.68 2.86 0.00	83.74 2.52 0.00	74.44 1.96 0.00	66.60 0.79 0.00	56.33 0.72 0.00	51.10 0.65 0.00
OSWEGATCHIE___HYD 24044	49.84 1.30 -0.32	43.12 0.85 0.00	39.19 0.65 0.00	38.51 0.57 0.00	36.47 0.61 0.00	37.48 0.55 0.00	38.23 0.57 0.00	37.63 0.59 0.00	42.29 0.66 0.00	46.19 0.82 0.00	49.65 0.88 0.00	53.81 1.00 -0.16	56.59 0.89 0.00	62.43 1.28 -0.16	66.87 0.99 -0.21	73.76 1.01 -0.29	81.87 1.52 -0.42	86.63 1.35 -0.54	85.02 2.45 -0.74	84.37 2.68 -0.48	74.98 2.17 -0.33	68.33 2.24 -0.29	56.78 1.17 0.00	51.36 0.80 -0.11
OSWEGO___5 23606	52.44 -0.92 -5.15	41.39 -0.89 0.00	37.72 -0.81 0.00	37.07 -0.87 0.00	35.07 -0.79 0.00	36.08 -0.85 0.00	36.87 -0.79 0.00	36.26 -0.78 0.00	40.71 -0.92 0.00	44.42 -0.95 0.00	47.90 -0.88 0.00	54.56 -0.69 -2.60	54.81 -0.89 0.00	62.46 -1.04 -2.51	68.26 -0.79 -3.37	76.25 -0.80 -4.58	85.91 -0.80 -6.77	92.98 -0.51 -8.75	88.87 -0.49 -7.54	88.06 -0.81 -7.65	76.95 -0.80 -5.27	69.43 -0.99 -4.61	54.71 -0.89 0.00	51.48 -0.81 -1.84
OSWEGO___6 23613	52.44 -0.92 -5.15	41.39 -0.89 0.00	37.72 -0.81 0.00	37.07 -0.87 0.00	35.07 -0.79 0.00	36.08 -0.85 0.00	36.87 -0.79 0.00	36.26 -0.78 0.00	40.71 -0.92 0.00	44.42 -0.95 0.00	47.90 -0.88 0.00	54.56 -0.69 -2.60	54.81 -0.89 0.00	62.46 -1.04 -2.51	68.26 -0.79 -3.37	76.25 -0.80 -4.58	85.91 -0.80 -6.77	92.98 -0.51 -8.75	88.87 -0.49 -7.54	88.06 -0.81 -7.65	76.95 -0.80 -5.27	69.43 -0.99 -4.61	54.71 -0.89 0.00	51.48 -0.81 -1.84

OUTOKUMPU-AB___DRP 24206	48.36 0.14 0.00	41.94 -0.34 0.00	37.96 -0.58 0.00	36.69 -1.25 0.00	34.86 -1.00 0.00	35.56 -1.37 0.00	36.57 -1.09 0.00	36.41 -0.63 0.00	40.38 -1.25 0.00	44.37 -1.00 0.00	48.63 -0.15 0.00	53.44 0.79 0.00	57.20 1.50 0.00	61.84 0.85 0.00	66.53 0.85 0.00	73.98 1.52 0.00	82.26 2.32 0.00	88.21 3.47 0.00	84.27 2.45 0.00	83.01 1.79 0.00	73.49 1.01 0.00	65.94 0.13 0.00	56.11 0.50 0.00	50.24 -0.20 0.00
OXBOW___BTM 323836	48.17 -0.05 0.00	41.56 -0.72 0.00	37.92 -0.62 0.00	36.61 -1.33 0.00	34.71 -1.15 0.00	35.19 -1.73 0.00	36.31 -1.35 0.00	36.08 -0.96 0.00	40.71 -0.92 0.00	44.24 -1.13 0.00	48.63 -0.15 0.00	54.29 1.63 0.00	56.59 0.89 0.00	61.17 0.18 0.00	66.79 1.12 0.00	73.11 0.65 0.00	81.54 1.60 0.00	86.68 1.95 0.00	83.05 1.23 0.00	81.87 0.65 0.00	72.48 0.00 0.00	65.02 -0.79 0.00	55.50 -0.11 0.00	50.54 0.10 0.00
OXBOW___ 24026	47.88 -0.34 0.00	41.47 -0.80 0.00	37.57 -0.96 0.00	36.31 -1.63 0.00	34.71 -1.15 0.00	35.19 -1.74 0.00	36.20 -1.47 0.00	36.08 -0.96 0.00	40.00 -1.62 0.00	43.97 -1.41 0.00	48.14 -0.63 0.00	52.91 0.26 0.00	56.59 0.89 0.00	61.17 0.18 0.00	65.48 -0.20 0.00	72.97 0.51 0.00	81.06 1.12 0.00	86.93 2.20 0.00	83.05 1.23 0.00	81.79 0.57 0.00	72.48 0.00 0.00	64.95 -0.86 0.00	55.50 -0.11 0.00	49.64 -0.81 0.00
OXY_CHEM_DSASP 323612	47.15 -1.06 0.00	40.88 -1.40 0.00	36.99 -1.54 0.00	35.78 -2.16 0.00	34.43 -1.43 0.00	34.67 -2.25 0.00	35.71 -1.96 0.00	35.60 -1.44 0.00	39.46 -2.16 0.00	43.33 -2.04 0.00	47.46 -1.32 0.00	52.07 -0.58 0.00	55.70 0.00 0.00	60.13 -0.85 0.00	64.75 -0.92 0.00	72.17 -0.29 0.00	80.26 0.32 0.00	86.09 1.36 0.00	82.23 0.41 0.00	81.06 -0.16 0.00	71.83 -0.65 0.00	64.29 -1.51 0.00	54.55 -1.06 0.00	48.88 -1.56 0.00
OZONE_PARK_ESR 323760	50.82 2.60 0.00	45.32 3.04 0.00	41.43 2.89 0.00	40.56 2.62 0.00	38.30 2.44 0.00	39.51 2.58 0.00	40.30 2.64 0.00	39.56 2.52 0.00	44.50 2.87 0.00	48.37 2.99 0.00	51.89 3.12 0.00	55.65 3.00 0.00	58.82 3.12 0.00	64.22 3.23 0.00	69.09 3.42 0.00	77.32 4.85 0.00	84.89 4.96 0.00	91.34 6.61 0.00	87.14 5.32 0.00	85.69 4.47 0.00	75.96 3.48 0.00	68.17 2.37 0.00	58.33 2.72 0.00	53.37 2.93 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	47.15 -1.06 0.00	40.88 -1.40 0.00	36.99 -1.54 0.00	35.78 -2.16 0.00	34.43 -1.43 0.00	34.67 -2.25 0.00	35.71 -1.96 0.00	35.60 -1.44 0.00	39.46 -2.16 0.00	43.33 -2.04 0.00	47.46 -1.32 0.00	52.07 -0.58 0.00	55.70 0.00 0.00	60.13 -0.85 0.00	64.75 -0.92 0.00	72.17 -0.29 0.00	80.26 0.32 0.00	86.09 1.36 0.00	82.23 0.41 0.00	81.06 -0.16 0.00	71.83 -0.65 0.00	64.29 -1.51 0.00	54.55 -1.06 0.00	48.88 -1.56 0.00
PACKARD__115KV_DUPONT_184 80571	47.15 -1.06 0.00	40.88 -1.40 0.00	36.99 -1.54 0.00	35.78 -2.16 0.00	34.43 -1.43 0.00	34.67 -2.25 0.00	35.71 -1.96 0.00	35.60 -1.44 0.00	39.46 -2.16 0.00	43.33 -2.04 0.00	47.46 -1.32 0.00	52.07 -0.58 0.00	55.70 0.00 0.00	60.13 -0.85 0.00	64.75 -0.92 0.00	72.17 -0.29 0.00	80.26 0.32 0.00	86.09 1.36 0.00	82.23 0.41 0.00	81.06 -0.16 0.00	71.83 -0.65 0.00	64.29 -1.51 0.00	54.55 -1.06 0.00	48.88 -1.56 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.68 2.46 -0.01	45.20 2.92 -0.01	41.36 2.81 -0.01	40.49 2.54 -0.01	38.24 2.37 -0.01	39.45 2.51 -0.01	40.11 2.45 0.00	39.19 2.15 0.00	43.83 2.21 0.00	47.73 2.36 0.00	51.06 2.29 0.00	54.81 2.16 0.00	57.82 2.12 0.00	63.11 2.13 0.01	68.03 2.36 0.01	76.15 3.70 0.01	83.69 3.76 0.01	89.98 5.25 0.01	85.90 4.09 0.01	84.46 3.25 0.01	74.93 2.46 0.01	67.38 1.58 0.01	57.83 2.22 0.00	53.22 2.77 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.21 2.99 -0.01	45.71 3.42 -0.01	41.82 3.28 -0.01	40.94 3.00 -0.01	38.70 2.83 -0.01	39.93 2.99 -0.01	40.60 2.94 0.00	39.67 2.63 0.00	44.33 2.71 0.00	48.28 2.90 0.00	51.60 2.83 0.00	55.44 2.79 0.00	58.54 2.84 0.00	63.91 2.93 0.01	68.88 3.22 0.01	77.16 4.71 0.01	84.89 4.96 0.01	91.33 6.61 0.01	87.21 5.40 0.01	85.84 4.63 0.01	76.02 3.55 0.01	68.30 2.50 0.01	58.66 3.06 0.00	53.97 3.53 0.00
PATROON__115KV_TB1 80586	48.99 0.77 0.00	43.25 0.97 0.00	39.50 0.96 0.00	38.93 0.99 0.00	36.79 0.93 0.00	37.96 1.03 0.00	38.68 1.02 0.00	37.82 0.78 0.00	42.42 0.79 0.00	46.14 0.77 0.00	49.46 0.68 0.00	53.23 0.58 0.00	55.92 0.22 0.00	61.29 0.30 0.00	66.07 0.39 0.00	73.33 0.87 0.00	80.90 0.96 0.00	86.60 1.86 0.00	83.21 1.39 0.00	82.20 0.97 0.00	73.27 0.80 0.00	66.20 0.39 0.00	56.16 0.56 0.00	51.00 0.55 0.00
PATTRSNVILLE___SOLAR 323815	50.24 2.02 0.00	44.26 1.99 0.00	40.39 1.85 0.00	39.76 1.82 0.00	37.58 1.72 0.00	38.70 1.77 0.00	39.40 1.73 0.00	38.49 1.44 0.00	43.08 1.46 0.00	46.87 1.50 0.00	50.19 1.42 0.00	53.97 1.32 0.00	57.26 1.56 0.00	62.76 1.77 0.00	67.78 2.10 0.00	75.00 2.53 0.00	82.81 2.87 0.00	88.80 4.07 0.00	85.83 4.01 0.00	85.20 3.98 0.00	76.03 3.55 0.00	68.77 2.96 0.00	58.17 2.56 0.00	52.66 2.22 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	47.97 -0.24 0.00	41.60 -0.68 0.00	37.80 -0.73 0.00	36.54 -1.40 0.00	34.50 -1.36 0.00	35.45 -1.48 0.00	36.46 -1.21 0.00	36.34 -0.70 0.00	40.34 -1.29 0.00	44.28 -1.09 0.00	48.38 -0.39 0.00	53.18 0.53 0.00	57.09 1.39 0.00	61.72 0.73 0.00	66.66 0.99 0.00	74.42 1.96 0.00	82.74 2.80 0.00	88.97 4.24 0.00	84.85 3.03 0.00	83.58 2.36 0.00	73.93 1.45 0.00	66.07 0.26 0.00	56.16 0.56 0.00	49.99 -0.45 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	50.43 2.22 0.00	44.90 2.62 0.00	41.04 2.50 0.00	40.29 2.35 0.00	37.98 2.12 0.00	39.25 2.33 0.00	39.96 2.30 0.00	39.15 2.11 0.00	44.00 2.37 0.00	47.87 2.50 0.00	51.50 2.73 0.00	55.34 2.69 0.00	58.60 2.90 0.00	64.16 3.17 0.00	69.16 3.48 0.00	77.32 4.85 0.00	85.05 5.12 0.00	91.59 6.86 0.00	87.38 5.56 0.00	85.93 4.71 0.00	76.25 3.77 0.00	68.64 2.83 0.00	58.28 2.67 0.00	53.07 2.62 0.00
PEEKSKILL___ 23653	49.80 1.59 0.00	44.43 2.15 0.00	40.69 2.16 0.00	39.87 1.93 0.00	37.65 1.79 0.00	38.88 1.96 0.00	39.58 1.92 0.00	38.86 1.81 0.00	43.50 1.88 0.00	47.32 1.95 0.00	50.77 2.00 0.00	54.29 1.63 0.00	57.82 2.12 0.00	63.18 2.19 0.00	68.30 2.63 0.00	75.87 3.41 0.00	83.62 3.68 0.00	89.73 5.00 0.00	85.75 3.93 0.00	84.39 3.16 0.00	74.87 2.39 0.00	67.45 1.65 0.00	57.50 1.89 0.00	52.36 1.92 0.00
PGE MADISON___WINDPWR 24146	52.70 4.48 0.00	45.95 3.68 0.00	41.96 3.43 0.00	41.05 3.11 0.00	38.98 3.12 0.00	40.10 3.18 0.00	40.94 3.28 0.00	40.12 3.07 0.00	44.79 3.16 0.00	49.00 3.63 0.00	52.72 3.95 0.00	57.60 4.95 0.00	60.82 5.12 0.00	67.03 6.04 0.00	72.30 6.63 0.00	80.36 7.90 0.00	89.61 9.67 0.00	95.74 11.01 0.00	93.36 11.54 0.00	92.35 11.13 0.00	81.90 9.42 0.00	73.76 7.96 0.00	61.39 5.78 0.00	55.14 4.69 0.00

PIERCEFIELD___HYD 23852	49.08 0.87 0.00	42.66 0.38 0.00	38.69 0.15 0.00	38.09 0.15 0.00	36.00 0.14 0.00	37.00 0.07 0.00	37.74 0.08 0.00	37.30 0.26 0.00	42.17 0.54 0.00	46.01 0.64 0.00	49.46 0.68 0.00	53.39 0.74 0.00	56.37 0.67 0.00	61.90 0.91 0.00	66.46 0.79 0.00	72.54 0.07 0.00	80.10 0.16 0.00	82.87 -1.86 0.00	82.31 0.08 -0.41	81.95 0.73 0.00	73.13 0.65 0.00	67.06 1.25 0.00	56.11 0.50 0.00	50.85 0.40 0.00
PINELAWN_CC_1 323563	48.53 1.06 0.74	45.23 2.96 0.00	41.62 3.08 0.00	40.44 2.50 0.00	38.16 2.30 0.00	39.47 2.55 0.00	40.11 2.45 0.00	39.52 2.48 0.00	44.04 2.41 0.00	46.82 1.45 0.00	51.22 2.44 -0.01	53.29 0.63 0.00	57.35 1.73 0.07	62.80 2.07 0.26	67.89 2.56 0.34	75.31 3.11 0.26	82.93 3.28 0.29	89.15 5.08 0.66	85.20 3.69 0.30	83.21 2.43 0.45	68.82 1.67 5.32	60.78 0.99 6.01	55.24 1.17 1.53	51.75 1.31 0.00
PJM_GEN_HTTP_PROXY 323702	50.15 1.93 0.00	44.81 2.54 0.00	41.00 2.47 0.00	40.14 2.20 0.00	37.90 2.04 0.00	39.11 2.18 0.00	39.65 2.22 0.23	39.39 2.11 -0.23	43.87 2.25 0.00	47.73 2.36 0.00	51.21 2.44 0.00	54.59 1.95 0.01	58.11 2.39 -0.01	63.49 2.50 0.00	68.50 2.82 0.00	76.23 3.77 0.00	83.85 3.92 0.00	90.07 5.34 0.00	85.99 4.17 0.00	84.63 3.41 0.00	75.01 2.54 0.00	67.51 1.71 0.00	57.67 2.06 0.00	52.56 2.12 0.00
PJM_GEN_KEystone 24065	48.56 0.34 0.00	42.78 0.51 0.00	39.11 0.58 0.00	38.13 0.19 0.00	36.08 0.22 0.00	37.15 0.22 0.00	37.77 0.34 0.23	37.68 0.41 -0.23	41.96 0.33 0.00	45.60 0.23 0.00	49.34 0.59 0.02	53.51 1.11 0.25	56.31 1.06 0.45	61.06 0.73 0.66	66.57 1.57 0.68	73.15 1.74 1.05	80.71 2.24 1.46	86.96 3.22 0.99	82.91 2.37 1.29	81.09 1.71 1.84	72.12 1.09 1.45	65.22 0.33 0.92	55.96 0.72 0.37	51.30 0.86 0.00
PJM_GEN_NEPTUNE_PROXY 323594	48.04 0.72 0.90	44.73 2.45 0.00	41.16 2.62 0.00	40.06 2.12 0.00	37.80 1.94 0.00	39.11 2.18 0.00	39.50 2.07 0.23	39.35 2.07 -0.23	43.63 2.00 0.00	46.55 1.18 0.00	50.78 2.00 -0.01	53.01 0.37 0.01	57.05 1.33 -0.01	62.57 1.58 0.00	67.71 2.04 0.00	75.00 2.53 0.00	82.57 2.63 0.00	88.50 4.23 0.46	84.43 2.86 0.25	82.99 1.78 0.02	67.16 1.16 6.47	59.08 0.46 7.19	54.52 0.78 1.86	51.35 0.91 0.00
PJM_GEN_VFT_PROXY 323633	49.86 1.64 0.00	44.60 2.32 0.00	40.81 2.27 0.00	39.95 2.01 0.00	37.72 1.86 0.00	38.92 1.99 0.00	39.46 2.03 0.23	39.24 1.96 -0.23	43.71 2.08 0.00	47.55 2.18 0.00	50.65 2.20 0.31	50.83 1.58 3.40	51.22 2.06 6.54	53.53 2.01 9.46	58.35 2.36 9.69	60.74 3.26 14.98	62.39 3.36 20.91	75.24 4.66 14.15	66.92 3.52 18.42	57.66 2.76 26.33	53.78 1.96 20.65	53.85 1.19 13.14	52.02 1.67 5.25	52.20 1.76 0.01
PLATSBURG_115KV_PMLD1 355749	48.12 -0.10 0.00	42.23 -0.04 0.00	38.34 -0.19 0.00	37.79 -0.15 0.00	35.68 -0.18 0.00	36.67 -0.26 0.00	37.44 -0.23 0.00	37.04 0.00 0.00	41.84 0.21 0.00	45.64 0.27 0.00	48.67 -0.10 0.00	52.55 -0.11 0.00	55.65 -0.06 0.00	60.99 0.00 0.00	65.61 -0.07 0.00	71.67 -0.80 0.00	78.98 -0.96 0.00	82.70 -2.03 0.00	80.54 -1.31 -0.03	80.25 -0.97 0.00	71.68 -0.80 0.00	65.54 -0.26 0.00	54.99 -0.61 0.00	49.79 -0.66 0.00
PLEASANTVLY___LBMP 24000	49.52 1.30 0.00	44.09 1.82 0.00	40.35 1.81 0.00	39.65 1.71 0.00	37.44 1.58 0.00	38.63 1.70 0.00	39.36 1.69 0.00	38.52 1.48 0.00	43.25 1.62 0.00	46.96 1.59 0.00	50.43 1.66 0.00	54.13 1.47 0.00	57.20 1.50 0.00	62.57 1.59 0.00	67.38 1.71 0.00	75.14 2.68 0.00	82.74 2.80 0.00	88.80 4.07 0.00	84.93 3.11 0.00	83.66 2.44 0.00	74.36 1.88 0.00	66.99 1.18 0.00	57.05 1.45 0.00	52.11 1.66 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.00 1.78 0.00	44.56 2.28 0.00	40.77 2.24 0.00	39.99 2.05 0.00	37.76 1.90 0.00	38.96 2.03 0.00	39.70 2.03 0.00	38.93 1.89 0.00	43.71 2.08 0.00	47.50 2.13 0.00	51.06 2.29 0.00	54.81 2.16 0.00	57.93 2.23 0.00	63.37 2.38 0.00	68.17 2.50 0.00	76.09 3.62 0.00	83.78 3.84 0.00	89.98 5.25 0.00	85.91 4.09 0.00	84.55 3.33 0.00	75.01 2.54 0.00	67.52 1.71 0.00	57.61 2.00 0.00	52.66 2.22 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.00 1.78 0.00	44.56 2.28 0.00	40.77 2.24 0.00	39.99 2.05 0.00	37.76 1.90 0.00	38.96 2.03 0.00	39.70 2.03 0.00	38.93 1.89 0.00	43.71 2.08 0.00	47.50 2.13 0.00	51.06 2.29 0.00	54.81 2.16 0.00	57.93 2.23 0.00	63.37 2.38 0.00	68.17 2.50 0.00	76.09 3.62 0.00	83.78 3.84 0.00	89.98 5.25 0.00	85.91 4.09 0.00	84.55 3.33 0.00	75.01 2.54 0.00	67.52 1.71 0.00	57.61 2.00 0.00	52.66 2.22 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.00 1.78 0.00	44.47 2.20 0.00	40.66 2.12 0.00	39.91 1.97 0.00	37.69 1.83 0.00	38.92 1.99 0.00	39.62 1.96 0.00	38.78 1.74 0.00	43.54 1.91 0.00	47.28 1.91 0.00	50.72 1.95 0.00	54.55 1.90 0.00	57.71 2.01 0.00	63.24 2.26 0.00	68.10 2.43 0.00	75.94 3.48 0.00	83.70 3.76 0.00	89.98 5.25 0.00	85.99 4.17 0.00	84.80 3.57 0.00	75.38 2.90 0.00	67.91 2.11 0.00	57.72 2.11 0.00	52.61 2.17 0.00
POLETTI____ 23519	50.24 2.03 0.00	44.81 2.54 0.00	41.00 2.47 0.00	40.14 2.20 0.00	37.91 2.04 0.00	39.11 2.18 0.00	39.89 2.22 0.00	39.15 2.11 0.00	44.00 2.37 0.00	47.82 2.45 0.00	51.31 2.54 0.00	54.97 2.32 0.00	58.04 2.34 0.00	63.37 2.38 0.00	68.10 2.43 0.00	76.16 3.70 0.00	83.70 3.76 0.00	89.98 5.25 0.00	85.83 4.01 0.00	84.47 3.25 0.00	74.87 2.39 0.00	67.25 1.45 0.00	57.61 2.00 0.00	52.76 2.32 0.00
POMONA___ESR 323819	49.80 1.59 0.00	44.43 2.15 0.00	40.69 2.16 0.00	39.87 1.93 0.00	37.69 1.83 0.00	38.88 1.96 0.00	39.62 1.96 0.00	38.86 1.81 0.00	43.50 1.88 0.00	47.32 1.95 0.00	50.77 2.00 0.00	54.39 1.73 0.00	57.87 2.17 0.00	63.30 2.32 0.00	68.50 2.82 0.00	76.01 3.55 0.00	83.78 3.84 0.00	89.81 5.08 0.00	85.83 4.01 0.00	84.55 3.33 0.00	75.01 2.54 0.00	67.58 1.78 0.00	57.61 2.00 0.00	52.46 2.02 0.00
PORT_JEFF_3 23555	48.05 0.67 0.84	45.06 2.79 0.00	41.46 2.93 0.00	40.29 2.35 0.00	37.98 2.12 0.00	39.33 2.40 0.00	39.92 2.26 0.00	39.34 2.30 0.00	43.87 2.25 0.00	46.60 1.23 0.00	51.02 2.24 -0.01	52.97 0.32 0.00	56.94 1.39 0.16	61.90 1.46 0.55	67.01 2.04 0.71	74.17 2.25 0.54	81.65 2.32 0.60	87.79 4.15 1.09	84.04 2.70 0.48	81.52 1.22 0.92	67.20 0.72 6.01	59.26 0.33 6.88	54.65 0.78 1.73	51.50 1.06 0.00
PORT_JEFF_4 23616	48.05 0.67 0.84	45.06 2.79 0.00	41.46 2.93 0.00	40.29 2.35 0.00	37.98 2.12 0.00	39.33 2.40 0.00	39.92 2.26 0.00	39.34 2.30 0.00	43.87 2.25 0.00	46.60 1.23 0.00	51.02 2.24 -0.01	52.97 0.32 0.00	56.94 1.39 0.16	61.90 1.46 0.55	67.01 2.04 0.71	74.17 2.25 0.54	81.65 2.32 0.60	87.79 4.15 1.09	84.04 2.70 0.48	81.52 1.22 0.92	67.20 0.72 6.01	59.26 0.33 6.88	54.65 0.78 1.73	51.50 1.06 0.00

PORT_JEFF_IC 23713	48.20 0.82 0.84	45.28 3.00 0.00	41.54 3.01 0.00	40.33 2.39 0.00	38.05 2.19 0.00	39.36 2.44 0.00	40.00 2.34 0.00	39.38 2.33 0.00	44.58 2.96 0.00	47.23 1.86 0.00	52.24 3.46 0.00	56.13 3.48 0.00	57.06 1.56 0.20	61.97 1.71 0.72	66.78 2.04 0.93	74.50 2.75 0.71	81.38 2.24 0.79	87.91 4.49 1.31	84.04 2.78 0.56	81.32 1.30 1.20	67.51 1.01 5.98	59.35 0.46 6.92	54.77 0.89 1.72	53.67 3.23 0.00
PPL PILGRIM_ST_GT1 24216	48.41 1.01 0.82	45.40 3.13 0.00	41.81 3.27 0.00	40.63 2.69 0.00	38.33 2.47 0.00	39.66 2.73 0.00	40.30 2.64 0.00	39.67 2.63 0.00	44.21 2.58 0.00	46.92 1.54 0.00	51.41 2.63 -0.01	53.23 0.58 0.00	57.29 1.78 0.19	62.44 2.13 0.68	67.30 2.50 0.87	74.55 2.75 0.67	81.83 2.63 0.74	87.89 4.40 1.24	84.32 3.03 0.53	81.72 1.62 1.13	68.03 1.45 5.89	60.00 0.99 6.80	55.08 1.17 1.70	51.91 1.46 0.00
PPL PILGRIM_ST_GT2 24217	48.41 1.01 0.82	45.40 3.13 0.00	41.81 3.27 0.00	40.63 2.69 0.00	38.33 2.47 0.00	39.66 2.73 0.00	40.30 2.64 0.00	39.67 2.63 0.00	44.21 2.58 0.00	46.92 1.54 0.00	51.41 2.63 -0.01	53.23 0.58 0.00	57.29 1.78 0.19	62.44 2.13 0.68	67.30 2.50 0.87	74.55 2.75 0.67	81.83 2.63 0.74	87.89 4.40 1.24	84.32 3.03 0.53	81.72 1.62 1.13	68.03 1.45 5.89	60.00 0.99 6.80	55.08 1.17 1.70	51.91 1.46 0.00
PPL_SHRM_GT3 24213	47.81 0.43 0.84	44.81 2.54 0.00	41.23 2.70 0.00	40.02 2.09 0.00	37.72 1.86 0.00	39.07 2.14 0.00	39.62 1.96 0.00	39.08 2.04 0.00	43.59 1.96 0.00	46.33 0.95 0.00	50.73 1.95 -0.01	52.65 0.00 0.00	56.82 1.28 0.17	61.98 1.58 0.59	67.08 2.16 0.75	74.56 2.68 0.58	82.17 2.87 0.64	88.51 4.91 1.14	84.76 3.44 0.49	82.11 1.87 0.98	67.35 0.87 6.00	59.19 0.26 6.88	54.38 0.50 1.73	51.20 0.76 0.00
PPL_SHRM_GT4 24214	47.81 0.43 0.84	44.81 2.54 0.00	41.23 2.70 0.00	40.02 2.09 0.00	37.72 1.86 0.00	39.07 2.14 0.00	39.62 1.96 0.00	39.08 2.04 0.00	43.59 1.96 0.00	46.33 0.95 0.00	50.73 1.95 -0.01	52.65 0.00 0.00	56.82 1.28 0.17	61.98 1.58 0.59	67.08 2.16 0.75	74.56 2.68 0.58	82.17 2.87 0.64	88.51 4.91 1.14	84.76 3.44 0.49	82.11 1.87 0.98	67.35 0.87 6.00	59.19 0.26 6.88	54.38 0.50 1.73	51.20 0.76 0.00
PROJECT___ORANGE 1 24174	48.03 -0.39 -0.20	41.81 -0.47 0.00	38.15 -0.39 0.00	37.48 -0.46 0.00	35.43 -0.43 0.00	36.45 -0.48 0.00	37.25 -0.41 0.00	36.64 -0.41 0.00	41.05 -0.58 0.00	44.92 -0.45 0.00	48.43 -0.34 0.00	52.60 -0.16 -0.10	55.65 -0.06 0.00	61.03 -0.06 -0.10	65.81 0.00 -0.13	73.08 0.43 -0.18	80.69 0.48 -0.27	86.26 1.19 -0.35	83.18 1.06 -0.30	82.09 0.57 -0.30	73.12 0.43 -0.21	65.99 0.00 -0.18	55.55 -0.06 0.00	50.37 -0.15 -0.07
PROJECT___ORANGE 2 24166	48.03 -0.39 -0.20	41.81 -0.47 0.00	38.15 -0.39 0.00	37.48 -0.46 0.00	35.43 -0.43 0.00	36.45 -0.48 0.00	37.25 -0.41 0.00	36.64 -0.41 0.00	41.05 -0.58 0.00	44.92 -0.45 0.00	48.43 -0.34 0.00	52.60 -0.16 -0.10	55.65 -0.06 0.00	61.03 -0.06 -0.10	65.81 0.00 -0.13	73.08 0.43 -0.18	80.69 0.48 -0.27	86.26 1.19 -0.35	83.18 1.06 -0.30	82.09 0.57 -0.30	73.12 0.43 -0.21	65.99 0.00 -0.18	55.55 -0.06 0.00	50.37 -0.15 -0.07
PUCKETT___SOLAR 323809	49.56 1.35 0.00	43.42 1.14 0.00	39.65 1.12 0.00	38.89 0.95 0.00	36.83 0.97 0.00	37.89 0.96 0.00	38.72 1.05 0.00	37.93 0.89 0.00	42.42 0.79 0.00	46.23 0.86 0.00	49.80 1.03 0.00	54.23 1.58 0.00	57.26 1.56 0.00	62.64 1.65 0.00	67.97 2.30 0.00	75.22 2.75 0.00	83.29 3.36 0.00	89.13 4.40 0.00	86.32 4.50 0.00	85.28 4.06 0.00	75.96 3.48 0.00	68.50 2.70 0.00	57.72 2.11 0.00	52.26 1.81 0.00
PYRITES___HYD 24023	50.00 1.78 0.00	43.42 1.14 0.00	39.38 0.85 0.00	38.74 0.80 0.00	36.61 0.75 0.00	37.67 0.74 0.00	38.34 0.68 0.00	37.82 0.78 0.00	42.63 1.00 0.00	46.42 1.04 0.00	49.85 1.07 0.00	53.76 1.11 0.00	56.70 1.00 0.00	62.39 1.40 0.00	66.99 1.31 0.00	73.04 0.58 0.00	80.82 0.88 0.00	83.80 -0.93 0.00	83.72 1.47 -0.43	83.74 2.52 0.00	74.87 2.39 0.00	68.64 2.83 0.00	57.33 1.72 0.00	51.86 1.41 0.00
QUAKERRD_115KV_BK1 80622	47.68 -0.53 0.00	41.39 -0.89 0.00	37.57 -0.96 0.00	36.65 -1.29 0.00	34.71 -1.15 0.00	35.60 -1.33 0.00	36.50 -1.17 0.00	36.15 -0.89 0.00	40.34 -1.29 0.00	44.37 -1.00 0.00	48.38 -0.39 0.00	52.76 0.11 0.00	56.20 0.50 0.00	61.11 0.12 0.00	66.00 0.33 0.00	73.48 1.01 0.00	81.38 1.44 0.00	87.10 2.37 0.00	83.70 1.88 0.00	82.52 1.30 0.00	73.27 0.80 0.00	66.00 0.20 0.00	55.61 0.00 0.00	49.99 -0.45 0.00
QUENSBRY_115KV_TB8 356137	51.06 2.84 0.00	44.94 2.66 0.00	40.96 2.43 0.00	40.25 2.31 0.00	38.05 2.19 0.00	39.18 2.25 0.00	39.96 2.30 0.00	39.08 2.04 0.00	44.04 2.41 0.00	47.87 2.50 0.00	50.97 2.19 0.00	54.92 2.26 0.00	58.04 2.34 0.00	63.61 2.62 0.00	68.70 3.02 0.00	76.30 3.84 0.00	84.33 4.40 0.00	90.83 6.10 0.00	88.04 6.22 0.00	87.23 6.01 0.00	77.84 5.36 0.00	70.28 4.47 0.00	59.33 3.73 0.00	53.52 3.08 0.00
RAMAPO___LBMP 323565	49.66 1.45 0.00	44.22 1.94 0.00	40.54 2.00 0.00	39.72 1.78 0.00	37.51 1.65 0.00	38.74 1.81 0.00	39.47 1.81 0.00	38.71 1.67 0.00	43.42 1.79 0.00	47.14 1.77 0.00	50.67 1.90 0.00	54.44 1.79 0.00	57.59 1.89 0.00	63.00 2.01 0.00	67.78 2.10 0.00	75.58 3.12 0.00	83.22 3.28 0.00	89.39 4.66 0.00	85.42 3.60 0.00	84.06 2.84 0.00	74.65 2.17 0.00	67.19 1.38 0.00	57.33 1.72 0.00	52.36 1.92 0.00
RANKINE____ 23646	48.55 0.34 0.00	42.06 -0.21 0.00	38.15 -0.39 0.00	36.88 -1.06 0.00	34.86 -1.00 0.00	35.75 -1.18 0.00	36.76 -0.90 0.00	36.60 -0.44 0.00	40.63 -1.00 0.00	44.65 -0.73 0.00	48.82 0.05 0.00	53.65 1.00 0.00	57.48 1.78 0.00	62.15 1.16 0.00	67.05 1.38 0.00	74.85 2.39 0.00	83.22 3.28 0.00	89.39 4.66 0.00	85.34 3.52 0.00	84.15 2.92 0.00	74.43 1.96 0.00	66.53 0.72 0.00	56.44 0.83 0.00	50.39 -0.05 0.00
RAVENSWOOD_GT2_1 24244	50.29 2.07 0.00	44.85 2.58 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.14 2.22 0.00	39.92 2.26 0.00	39.19 2.15 0.00	44.04 2.41 0.00	47.82 2.45 0.00	51.36 2.58 0.00	55.07 2.42 0.00	58.10 2.40 0.00	63.43 2.44 0.00	68.24 2.56 0.00	76.23 3.77 0.00	83.86 3.92 0.00	90.15 5.42 0.00	85.99 4.17 0.00	84.55 3.33 0.00	75.01 2.54 0.00	67.39 1.58 0.00	57.72 2.11 0.00	52.87 2.42 0.00
RAVENSWOOD_GT2_2 24245	50.29 2.07 0.00	44.85 2.58 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.14 2.22 0.00	39.92 2.26 0.00	39.19 2.15 0.00	44.04 2.41 0.00	47.82 2.45 0.00	51.36 2.58 0.00	55.07 2.42 0.00	58.10 2.40 0.00	63.43 2.44 0.00	68.24 2.56 0.00	76.23 3.77 0.00	83.86 3.92 0.00	90.15 5.42 0.00	85.99 4.17 0.00	84.55 3.33 0.00	75.01 2.54 0.00	67.39 1.58 0.00	57.72 2.11 0.00	52.87 2.42 0.00

RAVENSWOOD_GT2_3 24246	50.34 2.12 0.00	44.90 2.62 0.00	41.08 2.54 0.00	40.22 2.28 0.00	37.98 2.12 0.00	39.18 2.25 0.00	39.96 2.30 0.00	39.19 2.15 0.00	44.04 2.41 0.00	47.87 2.50 0.00	51.36 2.58 0.00	55.07 2.42 0.00	58.15 2.45 0.00	63.49 2.50 0.00	68.30 2.63 0.00	76.30 3.84 0.00	83.94 4.00 0.00	90.24 5.51 0.00	86.07 4.25 0.00	84.63 3.41 0.00	75.09 2.61 0.00	67.45 1.65 0.00	57.72 2.11 0.00	52.87 2.42 0.00
RAVENSWOOD_GT2_4 24247	50.34 2.12 0.00	44.90 2.62 0.00	41.08 2.54 0.00	40.22 2.28 0.00	37.98 2.12 0.00	39.18 2.25 0.00	39.96 2.30 0.00	39.19 2.15 0.00	44.04 2.41 0.00	47.87 2.50 0.00	51.36 2.58 0.00	55.07 2.42 0.00	58.15 2.45 0.00	63.49 2.50 0.00	68.30 2.63 0.00	76.30 3.84 0.00	83.94 4.00 0.00	90.24 5.51 0.00	86.07 4.25 0.00	84.63 3.41 0.00	75.09 2.61 0.00	67.45 1.65 0.00	57.72 2.11 0.00	52.87 2.42 0.00
RAVENSWOOD_GT3_1 24248	50.29 2.07 0.00	44.90 2.62 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.18 2.25 0.00	39.96 2.30 0.00	39.19 2.15 0.00	44.04 2.41 0.00	47.87 2.50 0.00	51.36 2.58 0.00	55.07 2.42 0.00	58.15 2.45 0.00	63.49 2.50 0.00	68.24 2.56 0.00	76.30 3.84 0.00	83.86 3.92 0.00	90.15 5.42 0.00	85.99 4.17 0.00	84.55 3.33 0.00	75.01 2.54 0.00	67.39 1.58 0.00	57.72 2.11 0.00	52.87 2.42 0.00
RAVENSWOOD_GT3_2 24249	50.29 2.07 0.00	44.90 2.62 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.18 2.25 0.00	39.96 2.30 0.00	39.19 2.15 0.00	44.04 2.41 0.00	47.87 2.50 0.00	51.36 2.58 0.00	55.07 2.42 0.00	58.15 2.45 0.00	63.49 2.50 0.00	68.24 2.56 0.00	76.30 3.84 0.00	83.86 3.92 0.00	90.15 5.42 0.00	85.99 4.17 0.00	84.55 3.33 0.00	75.01 2.54 0.00	67.39 1.58 0.00	57.72 2.11 0.00	52.87 2.42 0.00
RAVENSWOOD_GT3_3 24250	50.38 2.17 0.00	44.94 2.66 0.00	41.12 2.58 0.00	40.25 2.31 0.00	38.01 2.15 0.00	39.22 2.29 0.00	40.00 2.34 0.00	39.27 2.22 0.00	44.13 2.50 0.00	47.91 2.54 0.00	51.45 2.68 0.00	55.18 2.53 0.00	58.26 2.56 0.00	63.61 2.62 0.00	68.37 2.69 0.00	76.45 3.99 0.00	84.02 4.08 0.00	90.32 5.59 0.00	86.16 4.34 0.00	84.80 3.57 0.00	75.16 2.68 0.00	67.52 1.71 0.00	57.78 2.17 0.00	52.97 2.52 0.00
RAVENSWOOD_GT3_4 24251	50.38 2.17 0.00	44.94 2.66 0.00	41.12 2.58 0.00	40.25 2.31 0.00	38.01 2.15 0.00	39.22 2.29 0.00	40.00 2.34 0.00	39.27 2.22 0.00	44.13 2.50 0.00	47.91 2.54 0.00	51.45 2.68 0.00	55.18 2.53 0.00	58.26 2.56 0.00	63.61 2.62 0.00	68.37 2.69 0.00	76.45 3.99 0.00	84.02 4.08 0.00	90.32 5.59 0.00	86.16 4.34 0.00	84.80 3.57 0.00	75.16 2.68 0.00	67.52 1.71 0.00	57.78 2.17 0.00	52.97 2.52 0.00
RAVENSWOOD_GT_1 23729	50.53 2.31 0.00	45.07 2.79 0.00	41.20 2.66 0.00	40.33 2.39 0.00	38.12 2.26 0.00	39.33 2.40 0.00	40.07 2.41 0.00	39.27 2.22 0.00	44.04 2.41 0.00	47.91 2.54 0.00	51.31 2.54 0.00	55.02 2.37 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.03 2.36 0.01	76.01 3.55 0.01	83.61 3.68 0.01	89.81 5.08 0.01	85.74 3.93 0.01	84.30 3.09 0.01	74.31 2.25 0.42	66.05 1.38 1.13	57.72 2.11 0.00	53.07 2.62 0.00
RAVENSWOOD_GT_10 24258	50.29 2.07 0.00	44.85 2.58 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.14 2.22 0.00	39.92 2.26 0.00	39.19 2.15 0.00	44.04 2.41 0.00	47.87 2.50 0.00	51.36 2.58 0.00	55.07 2.42 0.00	58.15 2.45 0.00	63.49 2.50 0.00	68.23 2.56 0.00	76.30 3.84 0.00	83.85 3.92 0.00	90.15 5.42 0.00	85.99 4.17 0.00	84.63 3.41 0.00	74.97 2.54 0.05	67.32 1.65 0.13	57.72 2.11 0.00	52.87 2.42 0.00
RAVENSWOOD_GT_11 24259	50.29 2.07 0.00	44.85 2.58 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.14 2.22 0.00	39.92 2.26 0.00	39.19 2.15 0.00	44.04 2.41 0.00	47.87 2.50 0.00	51.36 2.58 0.00	55.07 2.42 0.00	58.15 2.45 0.00	63.49 2.50 0.00	68.23 2.56 0.00	76.30 3.84 0.00	83.85 3.92 0.00	90.15 5.42 0.00	85.99 4.17 0.00	84.63 3.41 0.00	74.97 2.54 0.05	67.32 1.65 0.13	57.72 2.11 0.00	52.87 2.42 0.00
RAVENSWOOD_GT_4 24252	50.29 2.07 0.00	44.85 2.58 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.14 2.22 0.00	39.92 2.26 0.00	39.19 2.15 0.00	44.04 2.41 0.00	47.87 2.50 0.00	51.41 2.63 0.00	55.07 2.42 0.00	58.21 2.51 0.00	63.54 2.56 0.01	68.30 2.63 0.01	76.37 3.91 0.01	83.93 4.00 0.01	90.23 5.51 0.01	86.15 4.34 0.01	84.71 3.49 0.01	74.84 2.68 0.32	66.65 1.71 0.86	57.72 2.11 0.00	52.87 2.42 0.00
RAVENSWOOD_GT_5 24254	50.29 2.07 0.00	44.85 2.58 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.14 2.22 0.00	39.92 2.26 0.00	39.19 2.15 0.00	44.04 2.41 0.00	47.87 2.50 0.00	51.41 2.63 0.00	55.07 2.42 0.00	58.21 2.51 0.00	63.54 2.56 0.01	68.30 2.63 0.01	76.37 3.91 0.01	83.93 4.00 0.01	90.23 5.51 0.01	86.15 4.34 0.01	84.71 3.49 0.01	74.84 2.68 0.32	66.65 1.71 0.86	57.72 2.11 0.00	52.87 2.42 0.00
RAVENSWOOD_GT_6 24253	50.29 2.07 0.00	44.85 2.58 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.14 2.22 0.00	39.92 2.26 0.00	39.19 2.15 0.00	44.04 2.41 0.00	47.87 2.50 0.00	51.41 2.63 0.00	55.07 2.42 0.00	58.21 2.51 0.00	63.54 2.56 0.01	68.30 2.63 0.01	76.37 3.91 0.01	83.93 4.00 0.01	90.23 5.51 0.01	86.15 4.34 0.01	84.71 3.49 0.01	74.84 2.68 0.32	66.65 1.71 0.86	57.72 2.11 0.00	52.87 2.42 0.00
RAVENSWOOD_GT_7 24255	50.29 2.07 0.00	44.85 2.58 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.14 2.22 0.00	39.92 2.26 0.00	39.19 2.15 0.00	44.04 2.41 0.00	47.87 2.50 0.00	51.41 2.63 0.00	55.07 2.42 0.00	58.21 2.51 0.00	63.54 2.56 0.01	68.30 2.63 0.01	76.37 3.91 0.01	83.93 4.00 0.01	90.23 5.51 0.01	86.15 4.34 0.01	84.71 3.49 0.01	74.84 2.68 0.32	66.65 1.71 0.86	57.72 2.11 0.00	52.87 2.42 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.29 2.07 0.00	44.85 2.58 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.14 2.22 0.00	39.92 2.26 0.00	39.19 2.15 0.00	44.04 2.41 0.00	47.87 2.50 0.00	51.36 2.58 0.00	55.07 2.42 0.00	58.15 2.45 0.00	63.49 2.50 0.00	68.23 2.56 0.00	76.30 3.84 0.00	83.85 3.92 0.00	90.15 5.42 0.00	85.99 4.17 0.00	84.63 3.41 0.00	74.97 2.54 0.05	67.32 1.65 0.13	57.72 2.11 0.00	52.87 2.42 0.00
RAVENSWOOD_GT_9 24257	50.29 2.07 0.00	44.85 2.58 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.14 2.22 0.00	39.92 2.26 0.00	39.19 2.15 0.00	44.04 2.41 0.00	47.87 2.50 0.00	51.36 2.58 0.00	55.07 2.42 0.00	58.15 2.45 0.00	63.49 2.50 0.00	68.23 2.56 0.00	76.30 3.84 0.00	83.85 3.92 0.00	90.15 5.42 0.00	85.99 4.17 0.00	84.63 3.41 0.00	74.97 2.54 0.05	67.32 1.65 0.13	57.72 2.11 0.00	52.87 2.42 0.00

RAVENSWOOD___1 23533	50.39 2.17 0.00	45.02 2.75 0.00	41.19 2.66 0.00	40.29 2.35 0.00	38.09 2.22 0.00	39.29 2.37 0.00	40.00 2.34 0.00	39.23 2.18 0.00	43.87 2.25 0.00	47.82 2.45 0.00	51.21 2.44 0.00	54.54 1.89 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.23 2.56 0.01	75.93 3.48 0.01	83.61 3.68 0.01	89.64 4.91 0.01	85.66 3.85 0.01	84.30 3.09 0.01	74.25 2.25 0.48	65.94 1.45 1.31	57.67 2.06 0.00	52.82 2.37 0.00
RAVENSWOOD___2 23534	50.24 2.02 0.00	44.94 2.66 0.00	41.08 2.54 0.00	40.22 2.28 0.00	38.01 2.15 0.00	39.22 2.29 0.00	39.92 2.26 0.00	39.15 2.11 0.00	43.79 2.16 0.00	47.73 2.36 0.00	51.07 2.29 0.00	54.44 1.79 0.00	57.76 2.06 0.00	62.69 1.71 0.01	67.63 1.97 0.01	75.28 2.82 0.01	82.80 2.87 0.01	88.87 4.15 0.01	84.92 3.11 0.01	83.57 2.36 0.01	73.59 1.59 0.48	65.34 0.85 1.32	57.39 1.78 0.00	52.72 2.27 0.00
RAVENSWOOD___3 23535	50.19 1.98 0.00	44.85 2.58 0.00	41.04 2.50 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.18 2.25 0.00	39.92 2.26 0.00	39.19 2.15 0.00	43.87 2.25 0.00	47.78 2.40 0.00	51.21 2.44 0.00	54.60 1.95 0.00	58.15 2.45 0.00	63.49 2.50 0.00	68.50 2.82 0.00	76.23 3.77 0.00	83.85 3.92 0.00	90.07 5.34 0.00	85.99 4.17 0.00	84.63 3.41 0.00	75.01 2.54 0.00	67.51 1.71 0.00	57.72 2.11 0.00	52.61 2.17 0.00
RAVENSWOOD___4 23820	50.33 2.12 0.00	44.98 2.71 0.00	41.16 2.62 0.00	40.29 2.35 0.00	38.05 2.19 0.00	39.25 2.33 0.00	40.00 2.34 0.00	39.23 2.18 0.00	43.83 2.20 0.00	47.78 2.40 0.00	51.16 2.39 0.00	54.49 1.84 0.00	57.99 2.28 0.00	63.17 2.19 0.01	68.22 2.56 0.01	75.86 3.41 0.01	83.53 3.60 0.01	89.63 4.91 0.01	85.58 3.77 0.01	84.22 3.01 0.01	74.10 2.17 0.55	65.70 1.38 1.49	57.61 2.00 0.00	52.77 2.32 0.00
RCPL_TRUST___DRP 24196	50.29 2.07 0.00	44.90 2.62 0.00	41.04 2.50 0.00	40.22 2.28 0.00	37.98 2.12 0.00	39.18 2.25 0.00	39.96 2.30 0.00	39.23 2.19 0.00	44.08 2.46 0.00	47.91 2.54 0.00	51.45 2.68 0.00	55.18 2.53 0.00	58.26 2.56 0.00	63.61 2.62 0.00	68.37 2.69 0.00	76.45 3.99 0.00	84.02 4.08 0.00	90.32 5.59 0.00	86.16 4.34 0.00	84.80 3.57 0.00	75.16 2.68 0.00	67.52 1.71 0.00	57.78 2.17 0.00	52.87 2.42 0.00
RED___ROCHESTER 323720	49.37 1.16 0.00	42.57 0.30 0.00	38.61 0.08 0.00	37.60 -0.34 0.00	35.57 -0.29 0.00	36.45 -0.48 0.00	37.48 -0.19 0.00	37.12 0.07 0.00	41.80 0.17 0.00	45.73 0.36 0.00	50.19 1.42 0.00	55.44 2.79 0.00	58.21 2.51 0.00	63.18 2.19 0.00	69.15 3.48 0.00	76.30 3.84 0.00	84.57 4.63 0.00	90.07 5.34 0.00	86.56 4.74 0.00	85.28 4.06 0.00	75.81 3.34 0.00	68.31 2.50 0.00	57.61 2.00 0.00	52.11 1.66 0.00
REGAN___SOLAR 323812	52.70 4.48 0.00	46.25 3.97 0.00	42.12 3.58 0.00	41.43 3.49 0.00	39.16 3.30 0.00	40.29 3.36 0.00	40.98 3.32 0.00	40.01 2.96 0.00	44.92 3.29 0.00	48.82 3.45 0.00	52.29 3.51 0.00	56.34 3.68 0.00	59.71 4.01 0.00	65.50 4.51 0.00	70.73 5.06 0.00	78.33 5.87 0.00	86.81 6.88 0.00	93.54 8.81 0.00	90.41 8.59 0.00	90.00 8.77 0.00	80.38 7.90 0.00	72.59 6.78 0.00	61.22 5.61 0.00	55.24 4.79 0.00
RENSSELAER___COGEN 23796	48.51 0.29 0.00	42.87 0.59 0.00	39.15 0.61 0.00	38.66 0.72 0.00	36.54 0.68 0.00	37.67 0.74 0.00	38.38 0.71 0.00	37.52 0.48 0.00	41.96 0.33 0.00	45.65 0.27 0.00	48.87 0.10 0.00	52.49 -0.16 0.00	55.31 -0.39 0.00	60.62 -0.36 0.00	65.48 -0.20 0.00	72.46 0.00 0.00	79.86 -0.08 0.00	85.49 0.76 0.00	82.31 0.49 0.00	81.30 0.08 0.00	72.41 -0.07 0.00	65.54 -0.26 0.00	55.55 -0.06 0.00	50.39 -0.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	54.10 5.88 0.00	47.47 5.20 0.00	43.12 4.59 0.00	42.26 4.33 0.00	39.91 4.05 0.00	41.10 4.17 0.00	41.96 4.29 0.00	41.08 4.04 0.00	46.37 4.75 0.00	50.54 5.17 0.00	53.89 5.12 0.00	58.13 5.48 0.00	61.38 5.68 0.00	67.33 6.34 0.00	72.70 7.03 0.00	80.94 8.48 0.00	89.53 9.59 0.00	97.02 12.29 0.00	94.01 12.19 0.00	93.32 12.10 0.00	83.20 10.73 0.00	75.02 9.21 0.00	63.11 7.51 0.00	56.65 6.20 0.00
REVERE_CPPR_DRP 24186	50.38 2.17 0.00	44.05 1.78 0.00	40.19 1.66 0.00	39.42 1.48 0.00	37.37 1.51 0.00	38.44 1.51 0.00	39.17 1.51 0.00	38.45 1.41 0.00	43.00 1.37 0.00	47.05 1.68 0.00	50.58 1.80 0.00	54.76 2.11 0.00	57.98 2.28 0.00	63.79 2.81 0.00	68.50 2.82 0.00	76.09 3.62 0.00	84.41 4.48 0.00	90.07 5.34 0.00	87.50 5.65 -0.03	86.58 5.36 0.00	77.04 4.57 0.00	69.69 3.88 0.00	58.33 2.72 0.00	52.51 2.07 0.00
REYNLDPA_13_KV_LD 356490	48.60 0.39 0.00	42.40 0.13 0.00	38.50 -0.04 0.00	37.94 0.00 0.00	35.79 -0.07 0.00	36.82 -0.11 0.00	37.59 -0.08 0.00	37.15 0.11 0.00	41.96 0.33 0.00	45.73 0.36 0.00	49.16 0.39 0.00	53.07 0.42 0.00	56.15 0.45 0.00	61.54 0.55 0.00	66.13 0.46 0.00	72.32 -0.14 0.00	79.70 -0.24 0.00	83.21 -1.53 0.00	81.03 -0.74 0.05	80.98 -0.24 0.00	72.33 -0.14 0.00	66.20 0.39 0.00	55.72 0.11 0.00	50.54 0.10 0.00
REYNOLDS_115KV_TB3 80639	48.89 0.68 0.00	43.21 0.93 0.00	39.50 0.96 0.00	38.93 0.99 0.00	36.83 0.97 0.00	37.96 1.03 0.00	38.68 1.02 0.00	37.78 0.74 0.00	42.38 0.75 0.00	46.05 0.68 0.00	49.31 0.54 0.00	53.02 0.37 0.00	55.87 0.17 0.00	61.23 0.24 0.00	65.94 0.26 0.00	73.26 0.80 0.00	80.74 0.80 0.00	86.43 1.69 0.00	83.21 1.39 0.00	82.12 0.89 0.00	73.20 0.72 0.00	66.13 0.33 0.00	56.16 0.56 0.00	51.05 0.61 0.00
RIVERBAY____ 323610	51.21 2.99 -0.01	45.71 3.42 -0.01	41.82 3.28 -0.01	40.94 3.00 -0.01	38.70 2.83 -0.01	39.93 2.99 -0.01	40.60 2.94 0.00	39.67 2.63 0.00	44.33 2.71 0.00	48.28 2.90 0.00	51.60 2.83 0.00	55.44 2.79 0.00	58.54 2.84 0.00	63.91 2.93 0.01	68.88 3.22 0.01	77.16 4.71 0.01	84.89 4.96 0.01	91.33 6.61 0.01	87.21 5.40 0.01	85.84 4.63 0.01	76.02 3.55 0.01	68.30 2.50 0.01	58.66 3.06 0.00	53.97 3.53 0.00
RIVERSDE_115KV_TB3 55908	48.84 0.63 0.00	43.16 0.89 0.00	39.42 0.89 0.00	38.89 0.95 0.00	36.76 0.90 0.00	37.89 0.96 0.00	38.61 0.94 0.00	37.75 0.70 0.00	42.29 0.67 0.00	46.01 0.64 0.00	49.26 0.49 0.00	53.02 0.37 0.00	55.76 0.06 0.00	61.11 0.12 0.00	65.87 0.20 0.00	73.11 0.65 0.00	80.58 0.64 0.00	86.26 1.53 0.00	82.97 1.15 0.00	81.95 0.73 0.00	73.06 0.58 0.00	66.00 0.20 0.00	56.00 0.39 0.00	50.90 0.45 0.00
ROARING___BROOK_WT_PWR 323790	48.22 0.00 0.00	42.19 -0.08 0.00	38.42 -0.12 0.00	37.86 -0.08 0.00	35.75 -0.11 0.00	36.82 -0.11 0.00	37.55 -0.11 0.00	36.97 -0.07 0.00	41.63 0.00 0.00	45.37 0.00 0.00	48.77 0.00 0.00	52.60 -0.05 0.00	55.65 -0.06 0.00	60.93 -0.06 0.00	65.54 -0.13 0.00	72.25 -0.22 0.00	79.70 -0.24 0.00	84.31 -0.42 0.00	81.49 -0.33 0.00	80.98 -0.24 0.00	72.12 -0.36 0.00	65.41 -0.39 0.00	55.00 -0.61 0.00	49.74 -0.71 0.00

ROCHESRG_115KV_T4 355643	48.50 0.29 0.00	42.06 -0.21 0.00	38.19 -0.35 0.00	37.18 -0.76 0.00	35.22 -0.65 0.00	36.11 -0.81 0.00	37.02 -0.64 0.00	36.71 -0.33 0.00	40.92 -0.71 0.00	44.96 -0.41 0.00	49.11 0.34 0.00	53.60 0.95 0.00	57.15 1.45 0.00	62.02 1.04 0.00	66.99 1.31 0.00	74.64 2.17 0.00	82.66 2.72 0.00	88.54 3.81 0.00	85.01 3.19 0.00	83.82 2.60 0.00	74.51 2.03 0.00	66.99 1.18 0.00	56.50 0.89 0.00	50.75 0.30 0.00
ROCHESTER_9_IC 23652	48.89 0.68 0.00	42.32 0.04 0.00	38.42 -0.12 0.00	37.41 -0.53 0.00	35.43 -0.43 0.00	36.30 -0.63 0.00	37.25 -0.41 0.00	36.93 -0.11 0.00	41.17 -0.46 0.00	45.28 -0.09 0.00	49.50 0.73 0.00	54.07 1.42 0.00	57.65 1.95 0.00	62.63 1.65 0.00	67.64 1.97 0.00	75.43 2.97 0.00	83.54 3.60 0.00	89.48 4.74 0.00	85.83 4.01 0.00	84.63 3.41 0.00	75.16 2.68 0.00	67.65 1.84 0.00	57.05 1.45 0.00	51.20 0.76 0.00
ROCKVIEW_13_KV_LD 356306	50.24 2.03 0.00	44.81 2.54 0.00	41.00 2.47 0.00	40.18 2.24 0.00	37.94 2.08 0.00	39.18 2.25 0.00	39.92 2.26 0.00	39.15 2.11 0.00	44.00 2.37 0.00	47.82 2.45 0.00	51.45 2.68 0.00	55.23 2.58 0.00	58.37 2.67 0.00	63.79 2.81 0.00	68.56 2.89 0.00	76.59 4.13 0.00	84.25 4.32 0.00	90.58 5.85 0.00	86.48 4.66 0.00	85.04 3.82 0.00	75.45 2.97 0.00	67.85 2.04 0.00	57.89 2.28 0.00	52.97 2.52 0.00
ROME____115KV_TB2 80656	50.38 2.17 0.00	44.05 1.78 0.00	40.19 1.66 0.00	39.42 1.48 0.00	37.37 1.51 0.00	38.44 1.51 0.00	39.17 1.51 0.00	38.45 1.41 0.00	43.00 1.37 0.00	47.05 1.68 0.00	50.58 1.80 0.00	54.76 2.11 0.00	57.98 2.28 0.00	63.79 2.81 0.00	68.50 2.82 0.00	76.09 3.62 0.00	84.41 4.48 0.00	90.07 5.34 0.00	87.50 5.65 -0.03	86.58 5.36 0.00	77.04 4.57 0.00	69.69 3.88 0.00	58.33 2.72 0.00	52.51 2.07 0.00
ROSETON___1 23587	49.37 1.16 0.00	44.01 1.73 0.00	40.27 1.74 0.00	39.57 1.63 0.00	37.37 1.51 0.00	38.55 1.62 0.00	39.28 1.62 0.00	38.49 1.44 0.00	43.04 1.42 0.00	46.82 1.45 0.00	50.23 1.46 0.00	53.70 1.05 0.00	57.15 1.45 0.00	62.51 1.53 0.00	67.51 1.84 0.00	74.93 2.47 0.00	82.57 2.63 0.00	88.46 3.72 0.00	84.76 2.94 0.00	83.58 2.36 0.00	74.21 1.74 0.00	66.92 1.12 0.00	57.00 1.39 0.00	51.85 1.41 0.00
ROSETON___2 23588	49.37 1.16 0.00	44.01 1.73 0.00	40.27 1.74 0.00	39.57 1.63 0.00	37.37 1.51 0.00	38.55 1.62 0.00	39.28 1.62 0.00	38.49 1.44 0.00	43.04 1.42 0.00	46.82 1.45 0.00	50.23 1.46 0.00	53.70 1.05 0.00	57.15 1.45 0.00	62.51 1.53 0.00	67.51 1.84 0.00	74.93 2.47 0.00	82.57 2.63 0.00	88.46 3.72 0.00	84.76 2.94 0.00	83.58 2.36 0.00	74.21 1.74 0.00	66.92 1.12 0.00	57.00 1.39 0.00	51.85 1.41 0.00
ROTTTRDAM_115KV_TB3 80664	49.47 1.25 0.00	43.59 1.31 0.00	39.81 1.27 0.00	39.23 1.29 0.00	37.08 1.22 0.00	38.18 1.26 0.00	38.91 1.24 0.00	38.04 1.00 0.00	42.71 1.08 0.00	46.46 1.09 0.00	49.80 1.02 0.00	53.60 0.95 0.00	56.70 1.00 0.00	62.15 1.16 0.00	66.99 1.31 0.00	74.27 1.81 0.00	81.94 2.00 0.00	87.70 2.97 0.00	84.52 2.70 0.00	83.66 2.44 0.00	74.58 2.10 0.00	67.45 1.65 0.00	57.11 1.50 0.00	51.86 1.41 0.00
RUSSELL___1 23602	49.18 0.96 0.00	42.53 0.25 0.00	38.61 0.08 0.00	37.56 -0.38 0.00	35.57 -0.29 0.00	36.45 -0.48 0.00	37.40 -0.26 0.00	37.12 0.07 0.00	41.38 -0.25 0.00	45.55 0.18 0.00	49.89 1.12 0.00	54.55 1.90 0.00	58.21 2.51 0.00	63.18 2.20 0.00	68.30 2.63 0.00	76.09 3.62 0.00	84.17 4.24 0.00	90.24 5.51 0.00	86.57 4.75 0.00	85.28 4.06 0.00	75.81 3.33 0.00	68.31 2.50 0.00	57.50 1.89 0.00	51.55 1.11 0.00
RUSSELL___2 23532	49.18 0.96 0.00	42.53 0.25 0.00	38.61 0.08 0.00	37.56 -0.38 0.00	35.57 -0.29 0.00	36.45 -0.48 0.00	37.40 -0.26 0.00	37.12 0.07 0.00	41.38 -0.25 0.00	45.55 0.18 0.00	49.89 1.12 0.00	54.55 1.90 0.00	58.21 2.51 0.00	63.18 2.20 0.00	68.30 2.63 0.00	76.09 3.62 0.00	84.17 4.24 0.00	90.24 5.51 0.00	86.57 4.75 0.00	85.28 4.06 0.00	75.81 3.33 0.00	68.31 2.50 0.00	57.50 1.89 0.00	51.55 1.11 0.00
RUSSELL___3 23549	49.18 0.96 0.00	42.53 0.25 0.00	38.61 0.08 0.00	37.56 -0.38 0.00	35.57 -0.29 0.00	36.45 -0.48 0.00	37.40 -0.26 0.00	37.12 0.07 0.00	41.38 -0.25 0.00	45.55 0.18 0.00	49.89 1.12 0.00	54.55 1.90 0.00	58.21 2.51 0.00	63.18 2.20 0.00	68.30 2.63 0.00	76.09 3.62 0.00	84.17 4.24 0.00	90.24 5.51 0.00	86.57 4.75 0.00	85.28 4.06 0.00	75.81 3.33 0.00	68.31 2.50 0.00	57.50 1.89 0.00	51.55 1.11 0.00
RUSSELL___4 23556	49.18 0.96 0.00	42.53 0.25 0.00	38.61 0.08 0.00	37.56 -0.38 0.00	35.57 -0.29 0.00	36.45 -0.48 0.00	37.40 -0.26 0.00	37.12 0.07 0.00	41.38 -0.25 0.00	45.55 0.18 0.00	49.89 1.12 0.00	54.55 1.90 0.00	58.21 2.51 0.00	63.18 2.20 0.00	68.30 2.63 0.00	76.09 3.62 0.00	84.17 4.24 0.00	90.24 5.51 0.00	86.57 4.75 0.00	85.28 4.06 0.00	75.81 3.33 0.00	68.31 2.50 0.00	57.50 1.89 0.00	51.55 1.11 0.00
RUSSELL___STATION 23914	49.18 0.96 0.00	42.53 0.25 0.00	38.61 0.08 0.00	37.56 -0.38 0.00	35.57 -0.29 0.00	36.45 -0.48 0.00	37.40 -0.26 0.00	37.12 0.07 0.00	41.38 -0.25 0.00	45.55 0.18 0.00	49.89 1.12 0.00	54.55 1.90 0.00	58.21 2.51 0.00	63.18 2.20 0.00	68.30 2.63 0.00	76.09 3.62 0.00	84.17 4.24 0.00	90.24 5.51 0.00	86.57 4.75 0.00	85.28 4.06 0.00	75.81 3.33 0.00	68.31 2.50 0.00	57.50 1.89 0.00	51.55 1.11 0.00
S SALMON___HYD 24043	50.03 0.43 -1.38	42.49 0.21 0.00	38.73 0.19 0.00	38.01 0.08 0.00	36.01 0.14 0.00	37.00 0.07 0.00	37.82 0.15 0.00	37.12 0.07 0.00	41.63 0.00 0.00	45.46 0.09 0.00	48.92 0.15 0.00	53.77 0.42 -0.69	55.87 0.17 0.00	61.97 0.31 -0.67	67.10 0.52 -0.90	74.41 0.72 -1.23	82.87 1.12 -1.81	88.68 1.61 -2.34	85.92 2.05 -2.06	85.14 1.87 -2.05	75.41 1.52 -1.41	68.29 1.25 -1.23	56.33 0.72 0.00	51.49 0.56 -0.49
S.PERRY__115KV_TB1 80734	50.77 2.56 0.00	43.84 1.56 0.00	39.81 1.27 0.00	38.70 0.76 0.00	36.61 0.75 0.00	37.52 0.59 0.00	38.45 0.79 0.00	37.89 0.85 0.00	41.84 0.21 0.00	45.69 0.32 0.00	49.50 0.73 0.00	54.07 1.42 0.00	57.71 2.01 0.00	60.62 -0.37 0.00	65.35 -0.33 0.00	72.90 0.43 0.00	81.06 1.12 0.00	87.87 3.14 0.00	85.58 3.76 0.00	85.36 4.14 0.00	76.39 3.91 0.00	68.57 2.76 0.00	57.72 2.11 0.00	53.22 2.77 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	48.26 0.05 0.00	41.81 -0.47 0.00	37.88 -0.66 0.00	36.65 -1.29 0.00	34.68 -1.18 0.00	35.52 -1.40 0.00	36.53 -1.13 0.00	36.38 -0.67 0.00	40.38 -1.25 0.00	44.33 -1.04 0.00	48.53 -0.24 0.00	53.28 0.63 0.00	57.04 1.34 0.00	61.60 0.61 0.00	66.46 0.79 0.00	74.20 1.74 0.00	82.50 2.56 0.00	88.54 3.81 0.00	84.60 2.78 0.00	83.33 2.11 0.00	73.85 1.38 0.00	66.00 0.20 0.00	56.00 0.39 0.00	50.04 -0.40 0.00

SAWYER___23_KV_LOAD 55526	48.26 0.05 0.00	41.81 -0.47 0.00	37.88 -0.66 0.00	36.65 -1.29 0.00	34.68 -1.18 0.00	35.52 -1.40 0.00	36.53 -1.13 0.00	36.38 -0.67 0.00	40.38 -1.25 0.00	44.33 -1.04 0.00	48.53 -0.24 0.00	53.28 0.63 0.00	57.04 1.34 0.00	61.60 0.61 0.00	66.46 0.79 0.00	74.20 1.74 0.00	82.50 2.56 0.00	88.54 3.81 0.00	84.60 2.78 0.00	83.33 2.11 0.00	73.85 1.38 0.00	66.00 0.20 0.00	56.00 0.39 0.00	50.04 -0.40 0.00
SELKIRK___I 23801	47.93 -0.29 0.00	42.32 0.04 0.00	38.69 0.15 0.00	38.24 0.30 0.00	36.15 0.29 0.00	37.22 0.29 0.00	37.89 0.23 0.00	36.97 -0.07 0.00	40.55 -0.25 0.83	43.16 -0.36 1.85	45.44 -0.58 2.74	48.02 -0.90 3.74	50.15 -1.00 4.55	53.94 -1.04 6.01	57.35 -0.98 7.35	62.33 -0.87 9.27	78.88 -1.04 0.02	83.07 -0.34 1.33	80.86 -0.49 0.48	80.29 -0.73 0.20	71.75 -0.72 0.00	64.95 -0.86 0.00	55.05 -0.56 0.00	49.94 -0.50 0.00
SELKIRK___II 23799	48.17 -0.05 0.00	42.57 0.30 0.00	38.92 0.39 0.00	38.47 0.53 0.00	36.36 0.50 0.00	37.48 0.55 0.00	38.15 0.49 0.00	37.30 0.26 0.00	38.69 0.08 3.02	38.69 0.00 6.68	38.69 -0.15 9.94	38.69 -0.42 13.54	38.69 -0.56 16.45	38.69 -0.55 21.75	38.69 -0.39 26.59	38.69 -0.22 33.56	79.48 -0.40 0.06	80.18 0.25 4.81	80.18 0.08 1.72	80.18 -0.32 0.72	72.12 -0.36 0.00	65.28 -0.53 0.00	55.33 -0.28 0.00	50.19 -0.25 0.00
SENECA OSWGO___HYD 24041	49.76 -0.58 -2.12	41.64 -0.63 0.00	37.96 -0.58 0.00	37.29 -0.65 0.00	35.25 -0.61 0.00	36.26 -0.66 0.00	37.10 -0.56 0.00	36.45 -0.59 0.00	40.96 -0.67 0.00	44.74 -0.64 0.00	48.24 -0.54 0.00	53.41 -0.31 -1.07	55.14 -0.56 0.00	61.41 -0.61 -1.04	66.74 -0.33 -1.39	74.07 -0.29 -1.89	82.49 -0.24 -2.79	88.51 0.17 -3.61	85.26 0.33 -3.11	84.30 -0.08 -3.16	74.51 -0.14 -2.18	67.25 -0.46 -1.90	55.11 -0.50 0.00	50.80 -0.41 -0.76
SENECA___115KV_TB3 355854	48.65 0.43 0.00	42.15 -0.13 0.00	38.23 -0.31 0.00	36.91 -1.02 0.00	34.89 -0.97 0.00	35.82 -1.11 0.00	36.84 -0.83 0.00	36.67 -0.37 0.00	40.71 -0.92 0.00	44.74 -0.64 0.00	48.92 0.15 0.00	53.76 1.11 0.00	57.59 1.89 0.00	62.27 1.28 0.00	67.25 1.58 0.00	75.00 2.54 0.00	83.38 3.44 0.00	89.56 4.83 0.00	85.50 3.68 0.00	84.31 3.09 0.00	74.58 2.10 0.00	66.66 0.86 0.00	56.55 0.95 0.00	50.49 0.05 0.00
SENECA___ENERGY 23797	49.10 0.29 -0.59	42.28 0.00 0.00	38.50 -0.04 0.00	37.71 -0.23 0.00	35.65 -0.21 0.00	36.67 -0.26 0.00	37.55 -0.11 0.00	36.97 -0.07 0.00	41.50 -0.12 0.00	45.37 0.00 0.00	49.16 0.39 0.00	53.95 1.00 -0.30	56.54 0.84 0.00	62.01 0.73 -0.29	67.51 1.44 -0.39	74.73 1.74 -0.53	82.88 2.16 -0.78	88.53 2.79 -1.01	85.80 3.11 -0.87	84.62 2.52 -0.88	75.11 2.03 -0.61	67.58 1.25 -0.53	56.49 0.89 0.00	51.36 0.71 -0.21
SHOEMAKER___GT 23640	49.42 1.21 0.00	43.88 1.61 0.00	40.19 1.66 0.00	39.46 1.52 0.00	37.26 1.40 0.00	38.48 1.55 0.00	39.17 1.51 0.00	38.37 1.33 0.00	42.92 1.29 0.00	46.69 1.32 0.00	50.09 1.32 0.00	53.70 1.05 0.00	57.09 1.39 0.00	62.51 1.53 0.00	67.58 1.91 0.00	74.93 2.47 0.00	82.66 2.72 0.00	88.55 3.82 0.00	84.93 3.11 0.00	83.82 2.60 0.00	74.58 2.10 0.00	67.25 1.45 0.00	57.11 1.50 0.00	51.91 1.46 0.00
SHOEMAKR_138KV_BK 111 55601	49.42 1.21 0.00	43.88 1.61 0.00	40.19 1.66 0.00	39.46 1.52 0.00	37.26 1.40 0.00	38.48 1.55 0.00	39.17 1.51 0.00	38.38 1.33 0.00	43.04 1.42 0.00	46.73 1.36 0.00	50.19 1.41 0.00	53.97 1.32 0.00	57.09 1.39 0.00	62.51 1.52 0.00	67.32 1.64 0.00	75.00 2.54 0.00	82.66 2.72 0.00	88.63 3.90 0.00	84.93 3.11 0.00	83.74 2.52 0.00	74.51 2.03 0.00	67.12 1.32 0.00	57.11 1.50 0.00	52.01 1.56 0.00
SHOREHAM_IC_1 23715	47.81 0.43 0.84	44.81 2.54 0.00	41.23 2.70 0.00	40.02 2.09 0.00	37.72 1.86 0.00	39.07 2.14 0.00	39.62 1.96 0.00	39.08 2.04 0.00	43.59 1.96 0.00	46.33 0.95 0.00	50.73 1.95 -0.01	52.65 0.00 0.00	56.82 1.28 0.17	61.98 1.58 0.59	67.08 2.16 0.75	74.56 2.68 0.58	82.17 2.87 0.64	88.51 4.91 1.14	84.76 3.44 0.49	82.11 1.87 0.98	67.35 0.87 6.00	59.19 0.26 6.88	54.38 0.50 1.73	51.20 0.76 0.00
SHOREHAM_IC_2 23716	47.91 0.53 0.84	44.98 2.71 0.00	41.23 2.70 0.00	40.03 2.09 0.00	37.73 1.86 0.00	39.07 2.14 0.00	39.66 2.00 0.00	39.08 2.04 0.00	44.25 2.62 0.00	46.91 1.54 0.00	51.84 3.07 0.00	55.76 3.11 0.00	56.82 1.28 0.17	61.99 1.59 0.59	66.82 1.90 0.75	75.07 3.19 0.58	82.01 2.72 0.64	88.76 5.17 1.14	84.76 3.44 0.49	82.11 1.87 0.98	67.35 0.87 6.00	59.12 0.20 6.88	54.38 0.50 1.73	53.32 2.88 0.00
SISSONVILLE____ 23735	49.08 0.87 0.00	42.66 0.38 0.00	38.69 0.15 0.00	38.09 0.15 0.00	36.00 0.14 0.00	37.00 0.07 0.00	37.74 0.08 0.00	37.30 0.26 0.00	42.17 0.54 0.00	46.01 0.64 0.00	49.46 0.68 0.00	53.39 0.74 0.00	56.37 0.67 0.00	61.90 0.91 0.00	66.46 0.79 0.00	72.54 0.07 0.00	80.10 0.16 0.00	82.87 -1.86 0.00	82.31 0.08 -0.41	81.95 0.73 0.00	73.13 0.65 0.00	67.06 1.25 0.00	56.11 0.50 0.00	50.85 0.40 0.00
SITHE_IND_GS1 24169	39.49 -1.30 7.42	41.05 -1.23 0.00	37.42 -1.12 0.00	36.80 -1.14 0.00	34.79 -1.07 0.00	35.78 -1.15 0.00	36.57 -1.09 0.00	35.97 -1.08 0.00	40.42 -1.21 0.00	44.05 -1.32 0.00	47.50 -1.27 0.00	47.80 -1.11 3.75	54.36 -1.34 0.00	55.90 -1.46 3.63	59.49 -1.31 4.87	64.47 -1.38 6.61	68.73 -1.44 9.77	70.84 -1.27 12.63	69.72 -1.23 10.88	68.73 -1.46 11.03	63.49 -1.38 7.61	57.64 -1.51 6.65	54.27 -1.34 0.00	46.58 -1.21 2.66
SITHE_IND_GS2 24170	39.49 -1.30 7.42	41.05 -1.23 0.00	37.42 -1.12 0.00	36.80 -1.14 0.00	34.79 -1.07 0.00	35.78 -1.15 0.00	36.57 -1.09 0.00	35.97 -1.08 0.00	40.42 -1.21 0.00	44.05 -1.32 0.00	47.50 -1.27 0.00	47.80 -1.11 3.75	54.36 -1.34 0.00	55.90 -1.46 3.63	59.49 -1.31 4.87	64.47 -1.38 6.61	68.73 -1.44 9.77	70.84 -1.27 12.63	69.72 -1.23 10.88	68.73 -1.46 11.03	63.49 -1.38 7.61	57.64 -1.51 6.65	54.27 -1.34 0.00	46.58 -1.21 2.66
SITHE_IND_GS3 24171	39.49 -1.30 7.42	41.05 -1.23 0.00	37.42 -1.12 0.00	36.80 -1.14 0.00	34.79 -1.07 0.00	35.78 -1.15 0.00	36.57 -1.09 0.00	35.97 -1.08 0.00	40.42 -1.21 0.00	44.05 -1.32 0.00	47.50 -1.27 0.00	47.80 -1.11 3.75	54.36 -1.34 0.00	55.90 -1.46 3.63	59.49 -1.31 4.87	64.47 -1.38 6.61	68.73 -1.44 9.77	70.84 -1.27 12.63	69.72 -1.23 10.88	68.73 -1.46 11.03	63.49 -1.38 7.61	57.64 -1.51 6.65	54.27 -1.34 0.00	46.58 -1.21 2.66
SITHE_IND_GS4 24172	39.49 -1.30 7.42	41.05 -1.23 0.00	37.42 -1.12 0.00	36.80 -1.14 0.00	34.79 -1.07 0.00	35.78 -1.15 0.00	36.57 -1.09 0.00	35.97 -1.08 0.00	40.42 -1.21 0.00	44.05 -1.32 0.00	47.50 -1.27 0.00	47.80 -1.11 3.75	54.36 -1.34 0.00	55.90 -1.46 3.63	59.49 -1.31 4.87	64.47 -1.38 6.61	68.73 -1.44 9.77	70.84 -1.27 12.63	69.72 -1.23 10.88	68.73 -1.46 11.03	63.49 -1.38 7.61	57.64 -1.51 6.65	54.27 -1.34 0.00	46.58 -1.21 2.66

SITHE___BATAVIA 24024	49.95 1.73 0.00	42.91 0.64 0.00	38.57 0.04 0.00	37.37 -0.57 0.00	35.39 -0.47 0.00	36.45 -0.48 0.00	37.48 -0.19 0.00	37.12 0.07 0.00	41.71 0.08 0.00	45.42 0.05 0.00	49.99 1.22 0.00	55.60 2.95 0.00	58.15 2.45 0.00	62.94 1.95 0.00	69.09 3.41 0.00	76.16 3.69 0.00	84.90 4.96 0.00	90.75 6.02 0.00	87.30 5.48 0.00	86.18 4.96 0.00	76.39 3.91 0.00	68.57 2.76 0.00	58.00 2.39 0.00	52.72 2.27 0.00
SITHE___INDEPEND 23800	39.49 -1.30 7.42	41.05 -1.23 0.00	37.42 -1.12 0.00	36.80 -1.14 0.00	34.79 -1.08 0.00	35.78 -1.14 0.00	36.57 -1.09 0.00	35.97 -1.07 0.00	40.34 -1.29 0.00	44.06 -1.32 0.00	47.46 -1.32 0.00	47.64 -1.26 3.75	54.36 -1.34 0.00	55.90 -1.46 3.63	59.23 -1.58 4.87	64.40 -1.45 6.61	68.65 -1.52 9.77	70.92 -1.19 12.63	69.72 -1.23 10.88	68.73 -1.46 11.03	63.49 -1.38 7.61	57.64 -1.51 6.65	54.27 -1.33 0.00	46.53 -1.26 2.66
SITHE___MASSENA 23902	48.94 0.72 0.00	42.57 0.30 0.00	38.65 0.12 0.00	38.09 0.15 0.00	35.93 0.07 0.00	36.96 0.04 0.00	37.70 0.04 0.00	37.30 0.26 0.00	42.13 0.50 0.00	45.96 0.59 0.00	49.36 0.59 0.00	53.29 0.63 0.00	56.31 0.61 0.00	61.72 0.73 0.00	65.94 0.26 0.00	72.46 0.00 0.00	79.94 0.00 0.00	83.55 -1.19 0.00	82.00 -0.41 -0.59	81.30 0.08 0.00	72.70 0.22 0.00	66.53 0.73 0.00	55.94 0.34 0.00	50.80 0.36 0.00
SITHE___OGDNSBRG 24021	49.85 1.64 0.00	43.33 1.06 0.00	39.31 0.77 0.00	38.66 0.72 0.00	36.54 0.68 0.00	37.55 0.63 0.00	38.27 0.60 0.00	37.75 0.70 0.00	42.50 0.87 0.00	46.28 0.91 0.00	49.70 0.93 0.00	53.55 0.90 0.00	56.54 0.84 0.00	62.15 1.16 0.00	66.79 1.12 0.00	72.82 0.36 0.00	80.50 0.56 0.00	83.46 -1.27 0.00	83.36 1.06 -0.48	83.33 2.11 0.00	74.51 2.03 0.00	68.37 2.57 0.00	57.16 1.56 0.00	51.76 1.31 0.00
SITHE___STERLING 23777	49.80 1.59 0.00	43.59 1.31 0.00	39.73 1.20 0.00	39.00 1.06 0.00	36.97 1.11 0.00	38.03 1.11 0.00	38.79 1.13 0.00	38.04 1.00 0.00	42.63 1.00 0.00	46.55 1.18 0.00	50.14 1.36 0.00	54.34 1.68 0.00	57.43 1.73 0.00	63.06 2.07 0.00	68.04 2.36 0.00	75.36 2.90 0.00	83.45 3.51 0.00	88.97 4.23 0.00	86.26 4.42 -0.02	85.44 4.22 0.00	76.03 3.55 0.00	68.77 2.96 0.00	57.72 2.11 0.00	52.11 1.66 0.00
SLEIGHT__34_KV_TB1 80719	48.76 0.24 -0.30	42.06 -0.21 0.00	38.23 -0.31 0.00	37.37 -0.57 0.00	35.36 -0.50 0.00	36.30 -0.63 0.00	37.21 -0.45 0.00	36.78 -0.26 0.00	41.09 -0.54 0.00	45.19 -0.18 0.00	49.21 0.44 0.00	53.80 1.00 -0.15	57.04 1.34 0.00	62.29 1.16 -0.15	67.32 1.44 -0.20	75.05 2.32 -0.27	83.05 2.72 -0.40	89.14 3.90 -0.51	85.78 3.52 -0.44	84.43 2.76 -0.45	75.03 2.25 -0.31	67.52 1.45 -0.27	56.61 1.00 0.00	51.01 0.45 -0.11
SMITHTWN_69_KV_BK 1 55830	48.34 0.96 0.83	45.40 3.13 0.00	41.66 3.12 0.00	40.44 2.50 0.00	38.16 2.30 0.00	39.48 2.55 0.00	40.11 2.45 0.00	39.52 2.48 0.00	44.71 3.08 0.00	47.37 2.00 0.00	52.43 3.66 0.00	56.34 3.69 0.00	57.28 1.89 0.32	62.06 2.20 1.13	66.85 2.63 1.45	74.97 3.62 1.12	81.90 3.20 1.24	88.48 5.59 1.84	84.82 3.76 0.76	81.55 2.19 1.87	68.03 1.52 5.97	59.62 0.86 7.05	55.00 1.11 1.72	53.87 3.43 0.00
SOUTH CAIRO___GT 23612	50.24 2.03 0.00	44.26 1.99 0.00	40.31 1.77 0.00	39.72 1.78 0.00	37.51 1.65 0.00	38.66 1.74 0.00	39.32 1.66 0.00	38.34 1.30 0.00	42.11 1.54 1.06	44.38 1.36 2.35	46.40 1.12 3.49	49.00 1.11 4.76	50.92 1.00 5.78	54.62 1.28 7.65	57.90 1.58 9.35	62.84 2.17 11.80	82.39 2.48 0.02	87.53 4.49 1.69	85.47 4.25 0.61	85.27 4.30 0.25	75.81 3.33 0.00	68.64 2.83 0.00	57.83 2.22 0.00	52.26 1.82 0.00
SOUTH HAMPTN___IC 23720	48.96 1.59 0.84	45.78 3.51 0.00	42.08 3.54 0.00	40.79 2.85 0.00	38.48 2.62 0.00	39.84 2.92 0.00	40.41 2.75 0.00	39.86 2.81 0.00	44.54 2.91 0.00	47.42 2.04 0.00	52.00 3.22 -0.01	54.18 1.53 0.00	58.50 2.95 0.15	63.87 3.41 0.53	69.25 4.27 0.69	76.93 5.00 0.53	84.79 5.44 0.59	91.37 7.71 1.07	87.49 6.14 0.47	84.63 4.30 0.89	69.16 2.68 6.00	60.78 1.84 6.87	55.71 1.83 1.73	52.36 1.92 0.00
SOUTHDOWN_115KV_TB1 355954	49.52 1.30 0.00	42.87 0.59 0.00	39.00 0.46 0.00	37.64 -0.30 0.00	35.57 -0.29 0.00	36.52 -0.41 0.00	37.55 -0.11 0.00	37.49 0.44 0.00	41.71 0.08 0.00	45.96 0.59 0.00	50.24 1.46 0.00	55.28 2.63 0.00	59.43 3.73 0.00	64.04 3.05 0.00	69.22 3.55 0.00	77.17 4.71 0.00	86.01 6.08 0.00	92.53 7.80 0.00	88.12 6.30 0.00	86.83 5.60 0.00	76.54 4.06 0.00	68.31 2.50 0.00	57.94 2.34 0.00	51.30 0.86 0.00
SOUTHOLD_69_KV_BK 2 55809	50.32 2.94 0.84	47.01 4.73 0.00	43.04 4.51 0.00	41.69 3.76 0.00	39.30 3.44 0.00	40.69 3.77 0.00	41.28 3.62 0.00	40.71 3.67 0.00	46.17 4.54 0.00	49.18 3.81 0.00	54.38 5.61 0.00	58.76 6.11 0.00	60.17 4.62 0.15	65.82 5.37 0.54	71.16 6.17 0.69	79.90 7.97 0.53	87.42 8.07 0.59	94.76 11.10 1.07	90.35 9.00 0.47	87.15 6.82 0.89	71.04 4.57 6.00	62.23 3.29 6.87	56.99 3.11 1.73	55.69 5.25 0.00
SOUTHOLD___IC 23719	50.27 2.89 0.84	46.84 4.57 0.00	43.04 4.51 0.00	41.66 3.72 0.00	39.30 3.44 0.00	40.70 3.77 0.00	41.28 3.62 0.00	40.71 3.67 0.00	45.54 3.91 0.00	48.55 3.17 0.00	53.32 4.54 -0.01	55.76 3.11 0.00	60.17 4.62 0.15	65.82 5.37 0.54	71.49 6.50 0.69	79.47 7.54 0.53	87.59 8.24 0.59	94.42 10.76 1.07	90.35 9.00 0.47	87.15 6.82 0.89	71.04 4.57 6.00	62.36 3.42 6.87	56.99 3.11 1.73	53.57 3.13 0.00
SOUTH_FORK_WT_PWR 323839	50.46 3.09 0.84	47.01 4.73 0.00	43.20 4.66 0.00	41.85 3.91 0.00	39.45 3.59 0.00	40.84 3.91 0.00	41.39 3.73 0.00	40.82 3.78 0.00	45.67 4.04 0.00	48.68 3.31 0.00	53.36 4.58 -0.01	55.81 3.16 0.00	60.28 4.73 0.15	65.94 5.49 0.53	71.62 6.63 0.69	79.61 7.68 0.53	87.74 8.39 0.59	94.60 10.93 1.07	90.60 9.24 0.47	87.31 6.99 0.89	70.97 4.50 6.00	62.23 3.29 6.87	56.99 3.11 1.73	53.68 3.23 0.00
SPIERFLS_115KV_TB 1 80737	50.63 2.41 0.00	44.60 2.33 0.00	40.66 2.12 0.00	39.99 2.05 0.00	37.80 1.94 0.00	38.92 1.99 0.00	39.70 2.03 0.00	38.82 1.78 0.00	43.71 2.08 0.00	47.50 2.13 0.00	50.53 1.76 0.00	54.44 1.79 0.00	57.54 1.84 0.00	63.06 2.07 0.00	68.04 2.36 0.00	75.58 3.12 0.00	83.54 3.60 0.00	89.90 5.17 0.00	87.22 5.40 0.00	86.34 5.12 0.00	77.12 4.64 0.00	69.62 3.82 0.00	58.83 3.23 0.00	53.07 2.62 0.00
ST LAWRENCE____ 23600	48.17 -0.05 0.00	42.02 -0.25 0.00	38.15 -0.39 0.00	37.60 -0.34 0.00	35.50 -0.36 0.00	36.56 -0.37 0.00	37.29 -0.38 0.00	36.86 -0.18 0.00	41.59 -0.04 0.00	45.37 0.00 0.00	48.67 -0.10 0.00	52.55 -0.11 0.00	55.59 -0.11 0.00	60.93 -0.06 0.00	65.15 -0.53 0.00	71.60 -0.87 0.00	78.90 -1.04 0.00	82.79 -1.95 0.00	80.22 -1.56 0.05	80.25 -0.97 0.00	71.75 -0.72 0.00	65.61 -0.20 0.00	55.27 -0.33 0.00	50.14 -0.30 0.00

STATE_CA_115KV_115_LB 55624	48.99 0.77 0.00	43.25 0.97 0.00	39.50 0.96 0.00	38.93 0.99 0.00	36.79 0.93 0.00	37.96 1.03 0.00	38.68 1.02 0.00	37.82 0.78 0.00	42.42 0.79 0.00	46.14 0.77 0.00	49.46 0.68 0.00	53.23 0.58 0.00	55.92 0.22 0.00	61.35 0.37 0.00	66.07 0.39 0.00	73.40 0.94 0.00	80.90 0.96 0.00	86.60 1.86 0.00	83.21 1.39 0.00	82.28 1.06 0.00	73.27 0.80 0.00	66.20 0.39 0.00	56.16 0.56 0.00	51.00 0.55 0.00
STATE_ST_34_KV_LOAD 55959	49.21 0.34 -0.66	42.36 0.08 0.00	38.61 0.08 0.00	37.90 -0.04 0.00	35.83 -0.04 0.00	36.85 -0.07 0.00	37.70 0.04 0.00	37.08 0.04 0.00	41.50 -0.12 0.00	45.46 0.09 0.00	49.06 0.29 0.00	53.62 0.63 -0.33	56.48 0.78 0.00	62.10 0.79 -0.32	67.09 0.99 -0.43	74.72 1.67 -0.59	82.80 2.00 -0.87	88.82 2.97 -1.12	85.81 3.03 -0.96	84.64 2.44 -0.98	75.25 2.10 -0.67	67.78 1.38 -0.59	56.61 1.00 0.00	51.39 0.71 -0.24
STATION_5_MISC_HYD 23604	49.03 0.82 0.00	42.36 0.08 0.00	38.42 -0.12 0.00	37.41 -0.53 0.00	35.43 -0.43 0.00	36.30 -0.63 0.00	37.29 -0.38 0.00	36.93 -0.11 0.00	41.55 -0.08 0.00	45.42 0.05 0.00	49.80 1.03 0.00	54.97 2.31 0.00	57.65 1.95 0.00	62.64 1.65 0.00	68.50 2.82 0.00	75.58 3.11 0.00	83.85 3.92 0.00	89.30 4.57 0.00	85.91 4.09 0.00	84.63 3.41 0.00	75.16 2.68 0.00	67.72 1.91 0.00	57.11 1.50 0.00	51.71 1.26 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	48.98 0.48 -0.28	42.28 0.00 0.00	38.46 -0.08 0.00	37.56 -0.38 0.00	35.54 -0.32 0.00	36.48 -0.44 0.00	37.40 -0.26 0.00	36.97 -0.07 0.00	41.25 -0.37 0.00	45.37 0.00 0.00	49.31 0.54 0.00	53.90 1.11 -0.14	57.20 1.50 0.00	62.47 1.34 -0.14	67.50 1.64 -0.19	75.25 2.54 -0.25	83.35 3.04 -0.37	89.36 4.15 -0.48	86.08 3.85 -0.41	84.81 3.17 -0.42	75.30 2.54 -0.29	67.77 1.71 -0.25	56.83 1.22 0.00	51.20 0.66 -0.10
STA_56_34_KV_BUS2_REV_LBMP_B 345033	48.55 0.34 0.00	42.06 -0.21 0.00	38.19 -0.35 0.00	37.22 -0.72 0.00	35.25 -0.61 0.00	36.11 -0.81 0.00	37.06 -0.60 0.00	36.75 -0.30 0.00	40.96 -0.67 0.00	45.10 -0.27 0.00	49.26 0.49 0.00	53.81 1.16 0.00	57.37 1.67 0.00	62.33 1.34 0.00	67.32 1.64 0.00	75.07 2.61 0.00	83.14 3.20 0.00	89.05 4.32 0.00	85.50 3.68 0.00	84.23 3.01 0.00	74.80 2.32 0.00	67.32 1.51 0.00	56.72 1.11 0.00	50.90 0.45 0.00
STA_56___34_KV_BUS2 355983	48.55 0.34 0.00	42.06 -0.21 0.00	38.19 -0.35 0.00	37.22 -0.72 0.00	35.25 -0.61 0.00	36.11 -0.81 0.00	37.06 -0.60 0.00	36.75 -0.30 0.00	40.96 -0.67 0.00	45.10 -0.27 0.00	49.26 0.49 0.00	53.81 1.16 0.00	57.37 1.67 0.00	62.33 1.34 0.00	67.32 1.64 0.00	75.07 2.61 0.00	83.14 3.20 0.00	89.05 4.32 0.00	85.50 3.68 0.00	84.23 3.01 0.00	74.80 2.32 0.00	67.32 1.51 0.00	56.72 1.11 0.00	50.90 0.45 0.00
STA_67___115KV_BK2 355882	48.75 0.53 0.00	42.23 -0.04 0.00	38.34 -0.19 0.00	37.33 -0.61 0.00	35.32 -0.54 0.00	36.23 -0.70 0.00	37.17 -0.49 0.00	36.86 -0.19 0.00	41.05 -0.58 0.00	45.15 -0.23 0.00	49.36 0.59 0.00	53.92 1.26 0.00	57.43 1.73 0.00	62.39 1.40 0.00	67.38 1.71 0.00	75.07 2.61 0.00	83.14 3.20 0.00	89.14 4.41 0.00	85.50 3.68 0.00	84.31 3.09 0.00	74.94 2.46 0.00	67.39 1.58 0.00	56.83 1.22 0.00	51.00 0.55 0.00
STA_7___115KV_9TRANS 80674	49.18 0.96 0.00	42.53 0.25 0.00	38.61 0.08 0.00	37.56 -0.38 0.00	35.57 -0.29 0.00	36.45 -0.48 0.00	37.40 -0.26 0.00	37.12 0.07 0.00	41.38 -0.25 0.00	45.55 0.18 0.00	49.89 1.12 0.00	54.55 1.90 0.00	58.21 2.51 0.00	63.18 2.20 0.00	68.30 2.63 0.00	76.09 3.62 0.00	84.17 4.24 0.00	90.24 5.51 0.00	86.57 4.75 0.00	85.28 4.06 0.00	75.81 3.33 0.00	68.31 2.50 0.00	57.50 1.89 0.00	51.55 1.11 0.00
STA_82___115KV_TB1 80780	48.75 0.53 0.00	42.23 -0.04 0.00	38.34 -0.19 0.00	37.33 -0.61 0.00	35.36 -0.50 0.00	36.23 -0.70 0.00	37.17 -0.49 0.00	36.86 -0.19 0.00	41.05 -0.58 0.00	45.15 -0.23 0.00	49.36 0.59 0.00	53.92 1.26 0.00	57.48 1.78 0.00	62.39 1.40 0.00	67.38 1.71 0.00	75.07 2.61 0.00	83.22 3.28 0.00	89.14 4.41 0.00	85.58 3.76 0.00	84.39 3.17 0.00	74.94 2.46 0.00	67.45 1.65 0.00	56.83 1.22 0.00	51.05 0.61 0.00
STEEL___WIND 323596	48.84 0.63 0.00	42.15 -0.13 0.00	38.11 -0.42 0.00	36.84 -1.10 0.00	34.89 -0.97 0.00	35.78 -1.15 0.00	36.91 -0.75 0.00	36.64 -0.41 0.00	41.34 -0.29 0.00	44.96 -0.41 0.00	49.31 0.54 0.00	55.07 2.42 0.00	57.54 1.84 0.00	62.14 1.16 0.00	68.43 2.76 0.00	75.00 2.53 0.00	83.70 3.76 0.00	89.13 4.40 0.00	85.42 3.60 0.00	84.23 3.01 0.00	74.50 2.03 0.00	66.60 0.79 0.00	56.49 0.89 0.00	51.35 0.91 0.00
STEPHTWN_115KV_BK_2 55603	49.18 0.96 0.00	43.37 1.10 0.00	39.62 1.08 0.00	39.04 1.10 0.00	36.90 1.04 0.00	38.03 1.11 0.00	38.79 1.13 0.00	37.93 0.89 0.00	42.54 0.92 0.00	46.32 0.95 0.00	49.65 0.88 0.00	53.44 0.79 0.00	56.20 0.50 0.00	61.60 0.61 0.00	66.40 0.72 0.00	73.77 1.30 0.00	81.30 1.36 0.00	87.10 2.37 0.00	83.78 1.96 0.00	82.68 1.46 0.00	73.64 1.16 0.00	66.60 0.79 0.00	56.44 0.83 0.00	51.20 0.76 0.00
STEUBEN_REC_LFGE 323667	49.66 1.45 0.00	43.12 0.85 0.00	39.27 0.73 0.00	38.17 0.23 0.00	36.04 0.18 0.00	37.00 0.07 0.00	38.00 0.34 0.00	37.49 0.44 0.00	41.59 -0.04 0.00	45.60 0.23 0.00	49.46 0.68 0.00	54.13 1.47 0.00	57.93 2.23 0.00	62.70 1.71 0.00	67.71 2.04 0.00	75.51 3.04 0.00	83.78 3.84 0.00	90.32 5.59 0.00	87.30 5.48 0.00	86.18 4.95 0.00	76.75 4.28 0.00	68.50 2.70 0.00	57.78 2.17 0.00	51.60 1.16 0.00
STILLWATER___SOLAR 323814	50.48 2.27 0.00	44.47 2.20 0.00	40.58 2.04 0.00	39.95 2.01 0.00	37.76 1.90 0.00	38.88 1.96 0.00	39.62 1.96 0.00	38.71 1.67 0.00	43.42 1.79 0.00	47.23 1.86 0.00	50.43 1.66 0.00	54.23 1.58 0.00	57.48 1.78 0.00	63.06 2.07 0.00	68.17 2.50 0.00	75.58 3.11 0.00	83.37 3.43 0.00	89.47 4.74 0.00	86.48 4.66 0.00	85.61 4.38 0.00	76.39 3.91 0.00	69.03 3.22 0.00	58.39 2.78 0.00	52.82 2.37 0.00
STONY___BROOK 24151	48.25 0.87 0.84	45.19 2.91 0.00	41.62 3.08 0.00	40.40 2.46 0.00	38.12 2.26 0.00	39.44 2.51 0.00	40.04 2.37 0.00	39.49 2.44 0.00	44.00 2.37 0.00	46.78 1.41 0.00	51.27 2.49 -0.01	53.29 0.63 0.00	57.25 1.78 0.23	62.18 2.01 0.82	67.31 2.69 1.06	74.47 2.82 0.81	82.00 2.96 0.90	88.12 4.83 1.44	84.57 3.36 0.61	81.73 1.87 1.37	67.81 1.31 5.98	59.65 0.79 6.95	54.94 1.05 1.72	51.71 1.26 0.00
STURGEON_POOL_HYD 23609	49.81 1.59 0.00	44.35 2.07 0.00	40.58 2.04 0.00	39.87 1.93 0.00	37.62 1.76 0.00	38.81 1.88 0.00	39.51 1.85 0.00	38.64 1.59 0.00	43.31 1.91 0.23	46.72 1.86 0.52	49.95 1.95 0.77	53.50 1.90 1.05	56.49 2.06 1.27	61.56 2.26 1.68	66.05 2.43 2.06	73.34 3.48 2.60	83.53 3.60 0.00	89.53 5.17 0.37	85.78 4.09 0.13	84.66 3.49 0.06	75.01 2.54 0.00	67.65 1.84 0.00	57.50 1.89 0.00	52.46 2.02 0.00

ST_LAW_115_BK7_LBMP 345037	48.22 0.00 0.00	42.02 -0.25 0.00	38.15 -0.39 0.00	37.60 -0.34 0.00	35.50 -0.36 0.00	36.52 -0.41 0.00	37.25 -0.41 0.00	36.86 -0.18 0.00	41.59 -0.04 0.00	45.37 0.00 0.00	48.72 -0.05 0.00	52.55 -0.11 0.00	55.59 -0.11 0.00	60.93 -0.06 0.00	65.15 -0.53 0.00	71.60 -0.87 0.00	78.90 -1.04 0.00	82.70 -2.03 0.00	80.21 -1.56 0.05	80.16 -1.06 0.00	71.75 -0.72 0.00	65.61 -0.20 0.00	55.27 -0.33 0.00	50.14 -0.30 0.00
ST_LAW_115_BK8_LBMP 345038	48.22 0.00 0.00	42.02 -0.25 0.00	38.15 -0.39 0.00	37.60 -0.34 0.00	35.50 -0.36 0.00	36.52 -0.41 0.00	37.25 -0.41 0.00	36.86 -0.18 0.00	41.59 -0.04 0.00	45.37 0.00 0.00	48.72 -0.05 0.00	52.55 -0.11 0.00	55.59 -0.11 0.00	60.93 -0.06 0.00	65.15 -0.53 0.00	71.60 -0.87 0.00	78.90 -1.04 0.00	82.70 -2.03 0.00	80.21 -1.56 0.05	80.16 -1.06 0.00	71.75 -0.72 0.00	65.61 -0.20 0.00	55.27 -0.33 0.00	50.14 -0.30 0.00
ST_LAW_230_BK5_LBMP 345035	48.17 -0.05 0.00	42.02 -0.25 0.00	38.15 -0.39 0.00	37.60 -0.34 0.00	35.50 -0.36 0.00	36.56 -0.37 0.00	37.29 -0.38 0.00	36.86 -0.18 0.00	41.59 -0.04 0.00	45.37 0.00 0.00	48.67 -0.10 0.00	52.55 -0.11 0.00	55.59 -0.11 0.00	60.93 -0.06 0.00	65.15 -0.53 0.00	71.60 -0.87 0.00	78.90 -1.04 0.00	82.79 -1.95 0.00	80.23 -1.56 0.03	80.25 -0.97 0.00	71.75 -0.72 0.00	65.61 -0.20 0.00	55.27 -0.33 0.00	50.14 -0.30 0.00
ST_LAW_230_BK6_LBMP 345036	48.17 -0.05 0.00	42.02 -0.25 0.00	38.15 -0.39 0.00	37.60 -0.34 0.00	35.50 -0.36 0.00	36.56 -0.37 0.00	37.29 -0.38 0.00	36.86 -0.18 0.00	41.59 -0.04 0.00	45.37 0.00 0.00	48.67 -0.10 0.00	52.55 -0.11 0.00	55.59 -0.11 0.00	60.93 -0.06 0.00	65.15 -0.53 0.00	71.60 -0.87 0.00	78.90 -1.04 0.00	82.79 -1.95 0.00	80.23 -1.56 0.03	80.25 -0.97 0.00	71.75 -0.72 0.00	65.61 -0.20 0.00	55.27 -0.33 0.00	50.14 -0.30 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.61 1.40 0.00	44.09 1.82 0.00	40.39 1.85 0.00	39.65 1.71 0.00	37.44 1.58 0.00	38.63 1.70 0.00	39.36 1.69 0.00	38.56 1.52 0.00	43.29 1.67 0.00	47.01 1.63 0.00	50.48 1.71 0.00	54.28 1.63 0.00	57.43 1.73 0.00	62.88 1.89 0.00	67.71 2.04 0.00	75.43 2.97 0.00	83.06 3.12 0.00	89.22 4.49 0.00	85.26 3.44 0.00	84.06 2.84 0.00	74.72 2.25 0.00	67.25 1.45 0.00	57.27 1.67 0.00	52.26 1.82 0.00
SWANROAD_115KV_TB1 355699	47.93 -0.29 0.00	41.56 -0.72 0.00	37.65 -0.89 0.00	36.38 -1.56 0.00	33.96 -1.90 0.00	35.27 -1.66 0.00	36.20 -1.47 0.00	35.86 -1.19 0.00	39.51 -2.12 0.00	43.42 -1.95 0.00	47.55 -1.22 0.00	52.23 -0.42 0.00	55.87 0.17 0.00	60.26 -0.73 0.00	65.02 -0.66 0.00	72.54 0.07 0.00	80.66 0.72 0.00	86.60 1.86 0.00	82.72 0.90 0.00	81.63 0.41 0.00	72.33 -0.14 0.00	64.69 -1.12 0.00	54.88 -0.72 0.00	49.64 -0.81 0.00
SYNERGY___BIOGAS 323694	49.66 1.45 0.00	42.87 0.59 0.00	38.84 0.31 0.00	37.60 -0.34 0.00	35.39 -0.47 0.00	36.45 -0.48 0.00	37.40 -0.26 0.00	37.12 0.07 0.00	41.05 -0.58 0.00	45.15 -0.23 0.00	49.60 0.83 0.00	54.39 1.74 0.00	58.15 2.45 0.00	62.94 1.95 0.00	67.91 2.23 0.00	76.01 3.55 0.00	84.49 4.56 0.00	91.00 6.27 0.00	87.30 5.48 0.00	86.10 4.87 0.00	76.39 3.91 0.00	68.57 2.76 0.00	57.94 2.34 0.00	51.91 1.46 0.00
SYRACUSE___ENERGY_ST1 323597	48.68 -0.39 -0.85	41.85 -0.42 0.00	38.15 -0.39 0.00	37.48 -0.46 0.00	35.43 -0.43 0.00	36.45 -0.48 0.00	37.29 -0.38 0.00	36.64 -0.41 0.00	41.09 -0.54 0.00	45.01 -0.36 0.00	48.48 -0.29 0.00	52.97 -0.11 -0.43	55.65 -0.06 0.00	61.34 -0.06 -0.41	66.30 0.07 -0.56	73.65 0.43 -0.76	81.62 0.56 -1.12	87.36 1.19 -1.44	84.29 1.23 -1.24	83.13 0.65 -1.26	73.85 0.51 -0.87	66.63 0.07 -0.76	55.66 0.06 0.00	50.95 0.20 -0.30
SYRACUSE___ENERGY_ST2 323598	48.68 -0.39 -0.85	41.85 -0.42 0.00	38.15 -0.39 0.00	37.48 -0.46 0.00	35.43 -0.43 0.00	36.45 -0.48 0.00	37.29 -0.38 0.00	36.64 -0.41 0.00	41.09 -0.54 0.00	45.01 -0.36 0.00	48.48 -0.29 0.00	52.97 -0.11 -0.43	55.65 -0.06 0.00	61.34 -0.06 -0.41	66.30 0.07 -0.56	73.65 0.43 -0.76	81.62 0.56 -1.12	87.36 1.19 -1.44	84.29 1.23 -1.24	83.13 0.65 -1.26	73.85 0.51 -0.87	66.63 0.07 -0.76	55.66 0.06 0.00	50.95 0.20 -0.30
SYRACUSE___POWER 24017	48.19 -0.29 -0.27	41.89 -0.38 0.00	38.23 -0.31 0.00	37.56 -0.38 0.00	35.50 -0.36 0.00	36.52 -0.41 0.00	37.33 -0.34 0.00	36.67 -0.37 0.00	41.13 -0.50 0.00	45.01 -0.36 0.00	48.53 -0.24 0.00	52.73 -0.05 -0.14	55.70 0.00 0.00	61.12 0.00 -0.13	65.92 0.07 -0.18	73.21 0.51 -0.24	80.93 0.64 -0.35	86.54 1.36 -0.46	83.52 1.31 -0.39	82.43 0.81 -0.40	73.40 0.65 -0.27	66.24 0.20 -0.24	55.66 0.06 0.00	50.54 0.00 -0.10
TALLMAN__138KV_BK151 55660	49.81 1.59 0.00	44.39 2.11 0.00	40.66 2.12 0.00	39.84 1.90 0.00	37.65 1.79 0.00	38.85 1.92 0.00	39.58 1.92 0.00	38.82 1.78 0.00	43.59 1.96 0.00	47.32 1.95 0.00	50.87 2.10 0.00	54.65 2.00 0.00	57.82 2.12 0.00	63.24 2.26 0.00	68.10 2.43 0.00	75.94 3.48 0.00	83.62 3.68 0.00	89.82 5.08 0.00	85.75 3.93 0.00	84.39 3.17 0.00	74.94 2.46 0.00	67.45 1.65 0.00	57.55 1.95 0.00	52.56 2.12 0.00
TEALLAVE_115KV_TB7 355573	48.03 -0.43 -0.25	41.81 -0.47 0.00	38.11 -0.42 0.00	37.45 -0.49 0.00	35.39 -0.47 0.00	36.41 -0.52 0.00	37.25 -0.41 0.00	36.60 -0.44 0.00	41.05 -0.58 0.00	44.92 -0.45 0.00	48.43 -0.34 0.00	52.62 -0.16 -0.13	55.59 -0.11 0.00	60.99 -0.12 -0.12	65.77 -0.07 -0.17	73.05 0.36 -0.23	80.75 0.48 -0.33	86.26 1.10 -0.43	83.25 1.06 -0.37	82.17 0.57 -0.38	73.17 0.43 -0.26	66.03 0.00 -0.23	55.50 -0.11 0.00	50.33 -0.20 -0.09
TELGRAPH_34_KV_EAST 80808	48.70 0.48 0.00	42.11 -0.17 0.00	38.15 -0.39 0.00	36.91 -1.02 0.00	34.68 -1.18 0.00	35.78 -1.14 0.00	36.72 -0.94 0.00	36.49 -0.56 0.00	40.30 -1.33 0.00	44.33 -1.04 0.00	48.63 -0.15 0.00	53.39 0.74 0.00	57.09 1.39 0.00	61.72 0.73 0.00	66.59 0.92 0.00	74.35 1.88 0.00	82.66 2.72 0.00	88.80 4.07 0.00	84.93 3.11 0.00	83.74 2.52 0.00	74.22 1.74 0.00	66.53 0.72 0.00	56.39 0.78 0.00	50.70 0.25 0.00
TEMPLE___115KV_TB 2 55572	48.03 -0.39 -0.20	41.81 -0.47 0.00	38.15 -0.39 0.00	37.48 -0.46 0.00	35.43 -0.43 0.00	36.45 -0.48 0.00	37.25 -0.41 0.00	36.64 -0.41 0.00	41.05 -0.58 0.00	44.92 -0.45 0.00	48.43 -0.34 0.00	52.60 -0.16 -0.10	55.65 -0.06 0.00	61.03 -0.06 -0.10	65.81 0.00 -0.13	73.08 0.43 -0.18	80.69 0.48 -0.27	86.26 1.19 -0.35	83.18 1.06 -0.30	82.09 0.57 -0.30	73.12 0.43 -0.21	65.99 0.00 -0.18	55.55 -0.06 0.00	50.37 -0.15 -0.07
TIANA____69_KV_BK 1 55817	48.77 1.40 0.84	45.70 3.42 0.00	41.89 3.35 0.00	40.59 2.66 0.00	38.30 2.44 0.00	39.62 2.70 0.00	40.26 2.60 0.00	39.67 2.63 0.00	44.96 3.33 0.00	47.78 2.40 0.00	52.82 4.05 0.00	56.92 4.26 0.00	58.11 2.56 0.15	63.44 2.99 0.53	68.47 3.48 0.69	76.86 4.93 0.53	83.99 4.64 0.59	91.03 7.37 1.07	86.83 5.48 0.47	83.98 3.65 0.89	68.79 2.32 6.00	60.38 1.45 6.87	55.43 1.56 1.73	54.18 3.73 0.00

TILDEN___115KV_TB1 80814	48.19 -0.29 -0.27	41.89 -0.38 0.00	38.23 -0.31 0.00	37.56 -0.38 0.00	35.50 -0.36 0.00	36.52 -0.41 0.00	37.33 -0.34 0.00	36.67 -0.37 0.00	41.13 -0.50 0.00	45.01 -0.36 0.00	48.53 -0.24 0.00	52.73 -0.05 -0.14	55.70 0.00 0.00	61.12 0.00 -0.13	65.92 0.07 -0.18	73.21 0.51 -0.24	80.93 0.64 -0.35	86.54 1.36 -0.46	83.52 1.31 -0.39	82.43 0.81 -0.40	73.40 0.65 -0.27	66.24 0.20 -0.24	55.66 0.06 0.00	50.54 0.00 -0.10
TRIGEN___CC 323695	49.27 1.25 0.20	45.02 2.75 0.00	41.31 2.77 0.00	40.25 2.31 0.00	37.98 2.12 0.00	39.25 2.33 0.00	39.96 2.30 0.00	39.30 2.26 0.00	44.33 2.71 0.00	47.32 1.95 0.00	51.80 3.02 0.00	55.60 2.95 0.00	57.54 1.84 0.00	63.12 2.13 0.00	67.97 2.30 0.00	76.01 3.55 0.00	83.14 3.20 0.00	89.82 5.08 0.00	85.42 3.60 0.00	83.81 2.60 0.01	72.88 1.81 1.41	65.29 1.05 1.56	56.48 1.28 0.41	53.27 2.82 0.00
TRINITY__115KV__4 BK 55933	48.75 0.53 0.00	43.04 0.76 0.00	39.31 0.77 0.00	38.77 0.83 0.00	36.65 0.79 0.00	37.81 0.89 0.00	38.53 0.87 0.00	37.67 0.63 0.00	42.21 0.58 0.00	45.87 0.50 0.00	49.16 0.39 0.00	52.91 0.26 0.00	55.59 -0.11 0.00	60.93 -0.06 0.00	65.61 -0.07 0.00	72.90 0.43 0.00	80.34 0.40 0.00	85.92 1.19 0.00	82.72 0.90 0.00	81.71 0.49 0.00	72.77 0.29 0.00	65.81 0.00 0.00	55.83 0.22 0.00	50.70 0.25 0.00
UNION___PROCESSING_DRP 323587	48.75 0.53 0.00	42.23 -0.04 0.00	38.34 -0.19 0.00	37.33 -0.61 0.00	35.36 -0.50 0.00	36.23 -0.70 0.00	37.17 -0.49 0.00	36.86 -0.19 0.00	41.09 -0.54 0.00	45.15 -0.23 0.00	49.36 0.59 0.00	53.92 1.26 0.00	57.48 1.78 0.00	62.39 1.40 0.00	67.38 1.71 0.00	75.14 2.68 0.00	83.22 3.28 0.00	89.22 4.49 0.00	85.58 3.76 0.00	84.39 3.17 0.00	74.94 2.46 0.00	67.45 1.65 0.00	56.89 1.28 0.00	51.05 0.61 0.00
UPPER HUDSON___HYD 24058	50.62 2.41 0.00	44.60 2.32 0.00	40.65 2.12 0.00	39.99 2.05 0.00	37.80 1.94 0.00	38.92 1.99 0.00	39.70 2.03 0.00	38.82 1.78 0.00	43.67 2.04 0.00	47.50 2.13 0.00	50.48 1.71 0.00	54.34 1.68 0.00	57.54 1.84 0.00	63.06 2.07 0.00	68.23 2.56 0.00	75.58 3.11 0.00	83.45 3.51 0.00	89.81 5.08 0.00	87.22 5.40 0.00	86.42 5.20 0.00	77.12 4.64 0.00	69.69 3.88 0.00	58.77 3.17 0.00	53.07 2.62 0.00
UPPER RAQUET___HYD 24056	49.08 0.87 0.00	42.65 0.38 0.00	38.69 0.15 0.00	38.09 0.15 0.00	36.01 0.14 0.00	37.00 0.07 0.00	37.74 0.08 0.00	37.30 0.26 0.00	42.17 0.54 0.00	46.01 0.63 0.00	49.45 0.68 0.00	53.39 0.74 0.00	56.37 0.67 0.00	61.90 0.92 0.00	66.07 0.40 0.00	72.54 0.07 0.00	80.10 0.16 0.00	83.72 -1.01 0.00	82.31 0.08 -0.41	81.95 0.73 0.00	73.13 0.65 0.00	66.99 1.19 0.00	56.11 0.50 0.00	50.85 0.40 0.00
VALLEY44_115KV_TB2 355964	47.44 -0.77 0.00	41.22 -1.06 0.00	37.69 -0.85 0.00	36.38 -1.56 0.00	34.46 -1.40 0.00	35.41 -1.51 0.00	36.38 -1.28 0.00	36.23 -0.81 0.00	40.17 -1.46 0.00	43.97 -1.41 0.00	47.89 -0.88 0.00	52.55 -0.11 0.00	56.54 0.84 0.00	60.74 -0.24 0.00	65.67 0.00 0.00	73.19 0.72 0.00	81.38 1.44 0.00	87.70 2.97 0.00	83.62 1.80 0.00	82.36 1.14 0.00	73.06 0.58 0.00	65.35 -0.46 0.00	55.94 0.33 0.00	49.74 -0.71 0.00
VALLEY___115KV_TB 1-4 80826	47.97 -0.24 0.00	42.15 -0.13 0.00	38.46 -0.08 0.00	37.83 -0.11 0.00	35.79 -0.07 0.00	36.85 -0.07 0.00	37.55 -0.11 0.00	36.86 -0.19 0.00	41.42 -0.21 0.00	45.19 -0.18 0.00	48.58 -0.20 0.00	52.44 -0.21 0.00	55.48 -0.22 0.00	60.87 -0.12 0.00	65.48 -0.20 0.00	72.39 -0.07 0.00	79.94 0.00 0.00	84.99 0.25 0.00	81.98 0.16 0.00	81.14 -0.08 0.00	72.26 -0.22 0.00	65.48 -0.33 0.00	55.22 -0.39 0.00	50.04 -0.40 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	50.34 2.12 0.00	44.30 2.03 0.00	40.58 2.04 0.00	39.95 2.01 0.00	37.83 1.97 0.00	39.00 2.07 0.00	39.70 2.03 0.00	38.82 1.78 0.00	43.50 1.87 0.00	47.55 2.18 0.00	51.16 2.39 0.00	55.28 2.63 0.00	58.60 2.90 0.00	64.34 3.35 0.00	69.16 3.48 0.00	76.88 4.42 0.00	85.05 5.12 0.00	90.83 6.10 0.00	87.47 5.65 0.00	86.34 5.12 0.00	76.90 4.42 0.00	69.49 3.69 0.00	58.55 2.95 0.00	52.97 2.52 0.00
VISCHER___FERRY HYD 24020	49.66 1.45 0.00	43.84 1.57 0.00	40.04 1.50 0.00	39.46 1.52 0.00	37.30 1.44 0.00	38.44 1.51 0.00	39.13 1.47 0.00	38.26 1.22 0.00	42.84 1.21 0.00	46.64 1.27 0.00	49.84 1.07 0.00	53.49 0.84 0.00	56.70 1.00 0.00	62.21 1.22 0.00	67.19 1.51 0.00	74.49 2.03 0.00	82.17 2.24 0.00	87.95 3.22 0.00	84.85 3.03 0.00	83.90 2.68 0.00	74.80 2.32 0.00	67.58 1.78 0.00	57.27 1.67 0.00	51.96 1.51 0.00
V_A_10_SYNC_DSASP 323832	48.02 -0.19 0.00	41.68 -0.59 0.00	37.80 -0.73 0.00	36.65 -1.29 0.00	34.75 -1.11 0.00	35.56 -1.37 0.00	36.57 -1.09 0.00	36.34 -0.70 0.00	40.34 -1.29 0.00	44.28 -1.09 0.00	48.38 -0.39 0.00	53.02 0.37 0.00	56.59 0.89 0.00	61.23 0.24 0.00	66.07 0.39 0.00	73.62 1.16 0.00	81.78 1.84 0.00	87.70 2.97 0.00	83.95 2.13 0.00	82.77 1.54 0.00	73.42 0.94 0.00	65.87 0.07 0.00	55.66 0.06 0.00	49.99 -0.45 0.00
V_CMM_10_SYNC_DSASP 323787	48.41 0.19 0.00	42.19 -0.08 0.00	38.31 -0.23 0.00	37.75 -0.19 0.00	35.65 -0.21 0.00	36.67 -0.26 0.00	37.44 -0.22 0.00	37.01 -0.04 0.00	41.80 0.17 0.00	45.55 0.18 0.00	48.92 0.15 0.00	52.81 0.16 0.00	55.87 0.17 0.00	61.23 0.24 0.00	65.48 -0.20 0.00	71.96 -0.50 0.00	79.30 -0.64 0.00	83.12 -1.61 0.00	80.62 -1.15 0.05	80.57 -0.65 0.00	72.05 -0.43 0.00	65.94 0.13 0.00	55.50 -0.11 0.00	50.34 -0.10 0.00
V_CMP_10_SYNC_DSASP 323788	48.12 -0.10 0.00	42.23 -0.04 0.00	38.34 -0.19 0.00	37.79 -0.15 0.00	35.68 -0.18 0.00	36.67 -0.26 0.00	37.44 -0.22 0.00	37.04 0.00 0.00	41.84 0.21 0.00	45.65 0.27 0.00	48.67 -0.10 0.00	52.55 -0.11 0.00	55.65 -0.06 0.00	60.99 0.00 0.00	65.15 -0.53 0.00	71.67 -0.80 0.00	78.98 -0.96 0.00	83.04 -1.69 0.00	80.54 -1.31 -0.03	80.25 -0.97 0.00	71.68 -0.80 0.00	65.54 -0.26 0.00	55.00 -0.61 0.00	49.79 -0.66 0.00
V_D_10_SYNC_DSASP 323841	48.89 0.67 0.00	42.57 0.30 0.00	38.65 0.12 0.00	38.09 0.15 0.00	35.93 0.07 0.00	36.96 0.04 0.00	37.70 0.04 0.00	37.30 0.26 0.00	42.13 0.50 0.00	45.96 0.59 0.00	49.36 0.59 0.00	53.29 0.63 0.00	56.31 0.61 0.00	61.72 0.73 0.00	65.94 0.26 0.00	72.46 0.00 0.00	79.94 0.00 0.00	83.63 -1.10 0.00	82.01 -0.41 0.00	81.30 0.08 0.00	72.70 0.22 0.00	66.53 0.73 0.00	55.94 0.34 0.00	50.80 0.36 0.00
V_E_10_SYNC_DSASP 323830	52.70 4.48 0.00	45.95 3.68 0.00	41.96 3.43 0.00	41.05 3.11 0.00	38.98 3.12 0.00	40.10 3.18 0.00	40.94 3.28 0.00	40.12 3.07 0.00	44.79 3.16 0.00	49.00 3.63 0.00	52.72 3.95 0.00	57.60 4.95 0.00	60.82 5.12 0.00	67.03 6.04 0.00	72.30 6.63 0.00	80.36 7.90 0.00	89.61 9.67 0.00	95.74 11.01 0.00	93.36 11.54 0.00	92.35 11.13 0.00	81.90 9.42 0.00	73.76 7.96 0.00	61.39 5.78 0.00	55.14 4.69 0.00

V_F_30_NSYNC___DSASP 323816	50.53 2.31 0.00	44.56 2.28 0.00	40.62 2.08 0.00	39.99 2.05 0.00	37.80 1.94 0.00	38.92 1.99 0.00	39.66 1.99 0.00	38.78 1.74 0.00	43.54 1.92 0.00	47.37 1.99 0.00	50.58 1.81 0.00	54.44 1.79 0.00	57.70 2.00 0.00	63.25 2.26 0.00	68.43 2.76 0.00	75.80 3.34 0.00	83.70 3.76 0.00	89.73 5.00 0.00	86.65 4.83 0.00	85.77 4.55 0.00	76.53 4.06 0.00	69.16 3.35 0.00	58.50 2.89 0.00	52.91 2.47 0.00
V_F_30_SYNC_DSASP 323786	48.99 0.77 0.00	43.25 0.97 0.00	39.50 0.96 0.00	38.93 0.99 0.00	36.79 0.93 0.00	37.96 1.03 0.00	38.68 1.02 0.00	37.82 0.78 0.00	42.42 0.79 0.00	46.14 0.77 0.00	49.46 0.68 0.00	53.23 0.58 0.00	55.92 0.22 0.00	61.29 0.30 0.00	66.07 0.39 0.00	73.33 0.87 0.00	80.90 0.96 0.00	86.60 1.86 0.00	83.21 1.39 0.00	82.20 0.97 0.00	73.27 0.80 0.00	66.20 0.39 0.00	56.16 0.56 0.00	51.00 0.55 0.00
V_XM_10_SYNC_DSASP 323789	48.12 -0.10 0.00	42.23 -0.04 0.00	38.34 -0.19 0.00	37.79 -0.15 0.00	35.68 -0.18 0.00	36.67 -0.26 0.00	37.44 -0.22 0.00	37.04 0.00 0.00	41.84 0.21 0.00	45.65 0.27 0.00	48.67 -0.10 0.00	52.55 -0.11 0.00	55.65 -0.06 0.00	60.99 0.00 0.00	65.15 -0.53 0.00	71.67 -0.80 0.00	78.98 -0.96 0.00	83.04 -1.69 0.00	80.54 -1.31 -0.03	80.25 -0.97 0.00	71.68 -0.80 0.00	65.54 -0.26 0.00	55.00 -0.61 0.00	49.79 -0.66 0.00
W.BABYLN_69_KV_BK1 56697	49.06 1.59 0.74	45.83 3.55 0.00	42.00 3.47 0.00	40.82 2.88 0.00	38.48 2.62 0.00	39.81 2.88 0.00	40.49 2.82 0.00	39.86 2.82 0.00	45.08 3.46 0.00	47.87 2.50 0.00	52.82 4.05 0.00	56.76 4.11 0.00	58.07 2.45 0.09	63.55 2.87 0.31	68.50 3.22 0.39	76.72 4.57 0.30	83.68 4.08 0.34	90.46 6.44 0.71	86.16 4.66 0.32	83.95 3.25 0.52	69.64 2.46 5.30	61.51 1.71 6.00	55.86 1.78 1.53	54.33 3.88 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.05 1.83 0.00	44.56 2.28 0.00	40.81 2.27 0.00	39.99 2.05 0.00	37.76 1.90 0.00	39.00 2.07 0.00	39.74 2.07 0.00	38.97 1.93 0.00	43.75 2.12 0.00	47.50 2.13 0.00	51.02 2.24 0.00	54.86 2.21 0.00	58.04 2.34 0.00	63.49 2.50 0.00	68.37 2.69 0.00	76.30 3.84 0.00	83.94 4.00 0.00	90.24 5.51 0.00	86.16 4.34 0.00	84.80 3.57 0.00	75.30 2.83 0.00	67.78 1.97 0.00	57.78 2.17 0.00	52.76 2.32 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.29 2.07 0.00	44.90 2.62 0.00	41.04 2.50 0.00	40.22 2.28 0.00	37.98 2.12 0.00	39.18 2.25 0.00	39.96 2.30 0.00	39.23 2.19 0.00	44.08 2.46 0.00	47.91 2.54 0.00	51.45 2.68 0.00	55.18 2.53 0.00	58.26 2.56 0.00	63.61 2.62 0.00	68.37 2.69 0.00	76.45 3.99 0.00	84.02 4.08 0.00	90.32 5.59 0.00	86.16 4.34 0.00	84.80 3.57 0.00	75.16 2.68 0.00	67.52 1.71 0.00	57.78 2.17 0.00	52.87 2.42 0.00
W50THST__13_KV_LOAD 356117	50.58 2.36 0.00	45.11 2.83 0.00	41.27 2.74 0.00	40.40 2.47 0.00	38.16 2.30 0.00	39.36 2.44 0.00	40.19 2.52 0.00	39.45 2.41 0.00	44.33 2.71 0.00	48.19 2.81 0.00	51.75 2.98 0.00	55.49 2.84 0.00	58.65 2.95 0.00	63.98 2.99 0.00	68.83 3.15 0.00	76.96 4.49 0.00	84.57 4.64 0.00	90.92 6.19 0.00	86.73 4.91 0.00	85.28 4.06 0.00	75.52 3.04 0.00	67.85 2.04 0.00	58.11 2.50 0.00	53.17 2.72 0.00
WADING RIVER_IC_1 23522	47.81 0.43 0.84	44.77 2.49 0.00	41.19 2.66 0.00	39.99 2.05 0.00	37.69 1.83 0.00	39.03 2.10 0.00	39.62 1.96 0.00	39.04 2.00 0.00	43.54 1.92 0.00	46.28 0.91 0.00	50.73 1.95 -0.01	52.65 0.00 0.00	56.78 1.22 0.15	62.04 1.58 0.53	67.16 2.16 0.68	74.54 2.60 0.52	82.16 2.80 0.58	88.50 4.83 1.06	84.71 3.36 0.46	82.12 1.78 0.88	67.27 0.80 6.01	59.13 0.20 6.87	54.38 0.50 1.73	51.15 0.71 0.00
WADING RIVER_IC_2 23547	47.81 0.43 0.84	44.77 2.49 0.00	41.19 2.66 0.00	39.99 2.05 0.00	37.69 1.83 0.00	39.03 2.10 0.00	39.62 1.96 0.00	39.04 2.00 0.00	43.54 1.92 0.00	46.28 0.91 0.00	50.73 1.95 -0.01	52.65 0.00 0.00	56.78 1.22 0.15	62.04 1.58 0.53	67.16 2.16 0.68	74.54 2.60 0.52	82.16 2.80 0.58	88.50 4.83 1.06	84.71 3.36 0.46	82.12 1.78 0.88	67.27 0.80 6.01	59.13 0.20 6.87	54.38 0.50 1.73	51.15 0.71 0.00
WADING RIVER_IC_3 23601	47.81 0.43 0.84	44.77 2.49 0.00	41.19 2.66 0.00	39.99 2.05 0.00	37.69 1.83 0.00	39.03 2.10 0.00	39.62 1.96 0.00	39.04 2.00 0.00	43.54 1.92 0.00	46.28 0.91 0.00	50.73 1.95 -0.01	52.65 0.00 0.00	56.78 1.22 0.15	62.04 1.58 0.53	67.16 2.16 0.68	74.54 2.60 0.52	82.16 2.80 0.58	88.50 4.83 1.06	84.71 3.36 0.46	82.12 1.78 0.88	67.27 0.80 6.01	59.13 0.20 6.87	54.38 0.50 1.73	51.15 0.71 0.00
WALDENNY_12_KV_BK2 80841	48.70 0.48 0.00	42.19 -0.08 0.00	38.27 -0.27 0.00	36.95 -0.99 0.00	34.89 -0.97 0.00	35.86 -1.07 0.00	36.84 -0.83 0.00	36.71 -0.33 0.00	40.71 -0.92 0.00	44.78 -0.59 0.00	48.97 0.20 0.00	53.81 1.16 0.00	57.65 1.95 0.00	62.33 1.34 0.00	67.32 1.64 0.00	75.07 2.61 0.00	83.46 3.52 0.00	89.65 4.91 0.00	85.58 3.76 0.00	84.31 3.09 0.00	74.58 2.10 0.00	66.66 0.86 0.00	56.55 0.95 0.00	50.54 0.10 0.00
WALDEN___HYDRO 24148	49.85 1.64 0.00	44.35 2.07 0.00	40.58 2.04 0.00	39.80 1.86 0.00	37.58 1.72 0.00	38.81 1.88 0.00	39.51 1.85 0.00	38.71 1.67 0.00	43.46 1.83 0.00	47.19 1.81 0.00	50.67 1.90 0.00	54.44 1.79 0.00	57.65 1.95 0.00	63.12 2.13 0.00	67.97 2.30 0.00	75.80 3.33 0.00	83.54 3.60 0.00	89.73 5.00 0.00	85.83 4.01 0.00	84.63 3.41 0.00	75.16 2.68 0.00	67.71 1.91 0.00	57.61 2.00 0.00	52.51 2.07 0.00
WARRENSBURG____ 23737	50.63 2.41 0.00	44.60 2.33 0.00	40.66 2.12 0.00	39.99 2.05 0.00	37.80 1.94 0.00	38.92 1.99 0.00	39.70 2.03 0.00	38.82 1.78 0.00	43.71 2.08 0.00	47.50 2.13 0.00	50.53 1.76 0.00	54.44 1.79 0.00	57.54 1.84 0.00	63.06 2.07 0.00	68.04 2.36 0.00	75.58 3.12 0.00	83.54 3.60 0.00	89.90 5.17 0.00	87.22 5.40 0.00	86.34 5.12 0.00	77.12 4.64 0.00	69.62 3.82 0.00	58.83 3.23 0.00	53.07 2.62 0.00
WATERSIDE___6 8 9 23538	50.43 2.22 0.00	45.02 2.75 0.00	41.16 2.62 0.00	40.29 2.35 0.00	38.05 2.19 0.00	39.25 2.33 0.00	40.00 2.34 0.00	39.23 2.19 0.00	44.00 2.37 0.00	47.87 2.50 0.00	51.26 2.49 0.00	54.97 2.32 0.00	57.98 2.28 0.00	63.17 2.20 0.01	67.90 2.23 0.01	75.93 3.48 0.01	83.45 3.52 0.01	89.72 5.00 0.01	85.57 3.76 0.01	84.22 3.01 0.01	74.11 2.17 0.55	65.63 1.32 1.49	57.61 2.00 0.00	52.97 2.52 0.00
WATKINRD_115KV_LN8_ILLION 55919	48.07 -0.14 0.00	42.19 -0.08 0.00	38.50 -0.04 0.00	37.90 -0.04 0.00	35.86 0.00 0.00	36.93 0.00 0.00	37.63 -0.04 0.00	36.93 -0.11 0.00	41.46 -0.17 0.00	45.24 -0.14 0.00	48.63 -0.15 0.00	52.49 -0.16 0.00	55.53 -0.17 0.00	60.87 -0.12 0.00	65.48 -0.20 0.00	72.46 0.00 0.00	79.94 0.00 0.00	85.07 0.34 0.00	82.07 0.25 0.00	81.30 0.08 0.00	72.41 -0.07 0.00	65.61 -0.20 0.00	55.38 -0.22 0.00	50.19 -0.25 0.00

WDELAWARE___HYD 323627	49.71 1.50 0.00	44.13 1.86 0.00	40.39 1.85 0.00	39.61 1.67 0.00	37.40 1.54 0.00	38.63 1.70 0.00	39.28 1.62 0.00	38.49 1.44 0.00	43.00 1.46 0.08	46.69 1.50 0.18	50.02 1.51 0.27	53.60 1.32 0.37	56.98 1.73 0.45	62.40 2.01 0.59	67.44 2.50 0.72	74.73 3.18 0.91	83.54 3.60 0.00	89.60 5.00 0.13	85.94 4.17 0.05	84.94 3.74 0.02	75.45 2.97 0.00	68.11 2.30 0.00	57.67 2.06 0.00	52.31 1.87 0.00
WEST BABYLON___IC 23714	49.06 1.59 0.74	45.83 3.55 0.00	42.00 3.47 0.00	40.82 2.88 0.00	38.48 2.62 0.00	39.81 2.88 0.00	40.49 2.82 0.00	39.86 2.82 0.00	45.08 3.46 0.00	47.87 2.50 0.00	52.82 4.05 0.00	56.76 4.11 0.00	58.07 2.45 0.09	63.55 2.87 0.31	68.50 3.22 0.39	76.72 4.57 0.30	83.68 4.08 0.34	90.46 6.44 0.71	86.16 4.66 0.32	83.95 3.25 0.52	69.64 2.46 5.30	61.51 1.71 6.00	55.86 1.78 1.53	54.33 3.88 0.00
WEST CANADA___HYD 24049	48.36 0.15 0.00	42.49 0.21 0.00	38.77 0.23 0.00	38.17 0.23 0.00	36.11 0.25 0.00	37.19 0.26 0.00	37.89 0.23 0.00	37.19 0.15 0.00	41.75 0.13 0.00	45.51 0.14 0.00	48.92 0.15 0.00	52.76 0.11 0.00	55.81 0.11 0.00	61.17 0.18 0.00	65.94 0.26 0.00	72.83 0.36 0.00	80.42 0.48 0.00	85.41 0.67 0.00	82.40 0.58 0.00	81.71 0.49 0.00	72.84 0.36 0.00	66.00 0.20 0.00	55.77 0.17 0.00	50.54 0.10 0.00
WESTERN_NY_WIND 24143	49.61 1.40 0.00	42.82 0.55 0.00	38.81 0.27 0.00	37.56 -0.38 0.00	35.36 -0.50 0.00	36.41 -0.52 0.00	37.36 -0.30 0.00	37.08 0.04 0.00	41.00 -0.62 0.00	45.10 -0.27 0.00	49.50 0.73 0.00	54.34 1.68 0.00	58.10 2.40 0.00	62.82 1.83 0.00	67.84 2.17 0.00	75.87 3.41 0.00	84.33 4.40 0.00	90.83 6.10 0.00	87.14 5.32 0.00	86.01 4.79 0.00	76.25 3.77 0.00	68.44 2.63 0.00	57.83 2.22 0.00	51.86 1.41 0.00
WESTOVER___LESR 323668	48.75 0.53 0.00	42.70 0.42 0.00	39.00 0.46 0.00	38.28 0.34 0.00	36.18 0.32 0.00	37.22 0.30 0.00	38.08 0.41 0.00	37.38 0.33 0.00	41.80 0.17 0.00	45.60 0.23 0.00	49.21 0.44 0.00	53.39 0.74 0.00	56.76 1.06 0.00	61.96 0.98 0.00	66.79 1.12 0.00	74.20 1.74 0.00	82.10 2.16 0.00	87.87 3.14 0.00	84.60 2.78 0.00	83.50 2.27 0.00	74.43 1.96 0.00	67.06 1.25 0.00	56.66 1.06 0.00	51.20 0.76 0.00
WETHRSFD_WT_PWR 323626	48.80 0.58 0.00	42.23 -0.04 0.00	38.27 -0.27 0.00	37.07 -0.87 0.00	35.07 -0.79 0.00	36.01 -0.92 0.00	37.06 -0.60 0.00	36.56 -0.48 0.00	40.96 -0.67 0.00	44.60 -0.77 0.00	48.72 -0.05 0.00	54.23 1.58 0.00	56.76 1.06 0.00	61.42 0.43 0.00	67.38 1.70 0.00	74.05 1.59 0.00	82.57 2.63 0.00	88.03 3.30 0.00	84.76 2.94 0.00	83.74 2.52 0.00	74.44 1.96 0.00	66.60 0.79 0.00	56.38 0.78 0.00	51.15 0.71 0.00
WHAVSTOR_138KV_BK127 55557	49.76 1.54 0.00	44.35 2.07 0.00	40.62 2.08 0.00	39.80 1.86 0.00	37.62 1.76 0.00	38.81 1.88 0.00	39.55 1.88 0.00	38.78 1.74 0.00	43.54 1.91 0.00	47.28 1.91 0.00	50.77 2.00 0.00	54.55 1.90 0.00	57.71 2.01 0.00	63.12 2.13 0.00	67.97 2.30 0.00	75.80 3.33 0.00	83.38 3.44 0.00	89.65 4.91 0.00	85.58 3.76 0.00	84.23 3.01 0.00	74.80 2.32 0.00	67.32 1.51 0.00	57.44 1.84 0.00	52.46 2.02 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	49.76 1.54 0.00	44.35 2.07 0.00	40.62 2.08 0.00	39.80 1.86 0.00	37.62 1.76 0.00	38.81 1.88 0.00	39.55 1.88 0.00	38.78 1.74 0.00	43.54 1.91 0.00	47.28 1.91 0.00	50.77 2.00 0.00	54.55 1.90 0.00	57.71 2.01 0.00	63.12 2.13 0.00	67.97 2.30 0.00	75.80 3.33 0.00	83.38 3.44 0.00	89.65 4.91 0.00	85.58 3.76 0.00	84.23 3.01 0.00	74.80 2.32 0.00	67.32 1.51 0.00	57.44 1.84 0.00	52.46 2.02 0.00
WHITEHAL_115KV_TB1 80871	52.02 3.81 0.00	45.74 3.47 0.00	41.62 3.08 0.00	40.90 2.96 0.00	38.62 2.76 0.00	39.77 2.84 0.00	40.56 2.90 0.00	39.71 2.67 0.00	44.71 3.08 0.00	48.64 3.27 0.00	51.80 3.02 0.00	55.81 3.16 0.00	58.93 3.23 0.00	64.65 3.66 0.00	69.75 4.07 0.00	77.61 5.14 0.00	85.77 5.84 0.00	92.61 7.88 0.00	89.84 8.02 0.00	89.10 7.88 0.00	79.51 7.03 0.00	71.73 5.92 0.00	60.50 4.89 0.00	54.48 4.04 0.00
WHITEPLN_13_KV_LOAD 356215	50.58 2.36 0.00	45.11 2.83 0.00	41.27 2.74 0.00	40.40 2.47 0.00	38.16 2.30 0.00	39.40 2.47 0.00	40.11 2.45 0.00	39.34 2.30 0.00	44.21 2.58 0.00	48.09 2.72 0.00	51.80 3.02 0.00	55.60 2.95 0.00	58.88 3.17 0.00	64.40 3.42 0.00	69.29 3.61 0.00	77.32 4.85 0.00	85.13 5.20 0.00	91.51 6.78 0.00	87.30 5.48 0.00	85.93 4.71 0.00	76.10 3.62 0.00	68.44 2.63 0.00	58.33 2.72 0.00	53.27 2.82 0.00
WM_FLOYD_69_KV_BK2 356380	48.29 0.92 0.84	45.32 3.04 0.00	41.54 3.01 0.00	40.33 2.39 0.00	38.01 2.15 0.00	39.36 2.44 0.00	39.96 2.30 0.00	39.38 2.33 0.00	44.54 2.91 0.00	47.28 1.91 0.00	52.19 3.41 0.00	56.13 3.48 0.00	57.21 1.67 0.16	62.37 1.95 0.57	67.31 2.36 0.73	75.52 3.62 0.56	82.51 3.20 0.63	89.29 5.68 1.11	85.26 3.93 0.48	82.63 2.36 0.95	67.86 1.38 5.99	59.60 0.66 6.87	54.82 0.95 1.73	53.72 3.28 0.00
WOODARD___115KV_TB2 355635	48.38 -0.43 -0.60	41.81 -0.47 0.00	38.11 -0.42 0.00	37.45 -0.49 0.00	35.39 -0.47 0.00	36.41 -0.52 0.00	37.21 -0.45 0.00	36.60 -0.44 0.00	41.05 -0.58 0.00	44.87 -0.50 0.00	48.38 -0.39 0.00	52.74 -0.21 -0.30	55.53 -0.17 0.00	61.10 -0.18 -0.29	65.94 -0.13 -0.39	73.21 0.22 -0.53	81.05 0.32 -0.79	86.68 0.93 -1.02	83.60 0.90 -0.88	82.52 0.41 -0.89	73.38 0.29 -0.61	66.21 -0.13 -0.54	55.44 -0.17 0.00	50.41 -0.25 -0.21
WOODMERE_69_KV_BK1 55827	50.34 2.22 0.09	45.91 3.64 0.00	42.08 3.55 0.00	40.94 3.00 0.00	38.62 2.76 0.00	39.92 2.99 0.00	40.60 2.94 0.00	39.97 2.93 0.00	45.13 3.50 0.00	48.19 2.81 0.00	52.87 4.10 0.00	56.86 4.21 0.00	58.93 3.23 0.00	64.34 3.35 0.00	69.42 3.74 0.00	77.61 5.14 0.00	84.89 4.96 0.00	92.32 7.12 -0.47	87.47 5.40 -0.25	85.52 4.30 0.01	75.04 3.19 0.63	67.35 2.24 0.70	57.65 2.22 0.18	54.13 3.68 0.00
YORK___WARBASSE 23770	50.78 2.56 -0.01	45.28 3.00 -0.01	41.43 2.89 -0.01	40.53 2.58 -0.01	38.31 2.44 -0.01	39.51 2.58 0.00	40.19 2.52 0.00	39.34 2.30 0.00	44.08 2.46 0.00	48.00 2.63 0.00	51.16 2.39 0.00	54.97 2.32 0.00	58.04 2.34 0.00	63.24 2.26 0.01	68.10 2.43 0.01	76.22 3.77 0.01	83.85 3.92 0.01	89.98 5.25 0.01	85.90 4.09 0.01	84.54 3.33 0.01	74.46 2.46 0.48	65.94 1.45 1.31	57.72 2.11 0.00	53.27 2.82 0.00