

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses																			--- Marginal Cost of Congestion				03/04/2025	
Generator Data																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	
59TH STREET_GT_1	24138	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
		72.82	66.32	63.22	62.06	63.44	67.94	98.47	103.05	89.67	81.75	54.13	51.78	50.21	49.15	49.58	52.21	58.33	71.50	81.46	71.49	63.92	57.65	52.13	48.90	
		2.60	2.77	2.66	2.45	2.53	2.40	5.01	5.72	4.08	3.98	2.82	2.60	2.57	2.52	2.58	2.63	2.93	3.59	4.02	3.34	2.93	2.64	2.57	2.33	
		-8.40	-0.60	0.00	0.00	-0.77	-7.01	-7.10	-10.71	-12.77	-9.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	
74TH STREET_GT_1	24260	72.93	66.38	63.28	62.12	63.50	67.94	98.38	102.87	89.48	81.57	54.08	51.74	50.21	49.10	49.53	52.22	58.39	71.50	81.69	71.70	64.11	57.76	52.08	48.81	
		2.72	2.83	2.72	2.50	2.59	2.40	4.92	5.54	3.93	3.84	2.77	2.56	2.57	2.47	2.54	2.63	2.99	3.59	4.26	3.54	3.11	2.75	2.53	2.24	
		-8.39	-0.60	0.00	0.00	-0.77	-7.01	-7.10	-10.70	-12.73	-9.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	
74TH STREET_GT_2	24261	72.93	66.38	63.28	62.12	63.50	67.94	98.38	102.87	89.48	81.57	54.08	51.74	50.21	49.10	49.53	52.22	58.39	71.50	81.69	71.70	64.11	57.76	52.08	48.81	
		2.72	2.83	2.72	2.50	2.59	2.40	4.92	5.54	3.93	3.84	2.77	2.56	2.57	2.47	2.54	2.63	2.99	3.59	4.26	3.54	3.11	2.75	2.53	2.24	
		-8.39	-0.60	0.00	0.00	-0.77	-7.01	-7.10	-10.70	-12.73	-9.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	
ADK HUDSON__FALLS	24011	122.03	68.80	66.25	65.16	73.37	131.81	163.42	175.22	106.66	75.39	55.61	53.06	51.17	49.99	50.47	53.56	60.38	76.03	84.48	74.36	66.24	59.96	53.81	50.39	
		5.87	5.85	5.69	5.54	5.77	5.68	8.55	8.75	7.14	6.79	4.31	3.89	3.53	3.36	3.48	3.97	4.99	6.30	7.05	6.20	5.25	4.95	4.26	3.82	
		-54.34	0.00	0.00	0.00	-7.46	-67.60	-68.51	-79.84	-26.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.03	0.00	0.00	0.00	0.00	0.00	0.00	
ADK RESOURCE__RCVRY	23798	122.70	69.37	66.79	65.63	73.88	132.55	164.50	176.25	107.40	75.95	55.97	53.46	51.45	50.27	50.76	53.90	60.83	76.57	85.03	74.97	66.73	60.40	54.16	50.67	
		6.37	6.42	6.24	6.02	6.25	6.20	9.41	9.53	7.80	7.34	4.67	4.28	3.81	3.64	3.76	4.31	5.43	6.84	7.59	6.81	5.73	5.39	4.61	4.10	
		-54.51	0.00	0.00	0.00	-7.48	-67.82	-68.72	-80.10	-26.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.03	0.00	0.00	0.00	0.00	0.00	0.00	
ADK S GLENS__FALLS	24028	122.03	68.80	66.25	65.16	73.37	131.81	163.42	175.22	106.66	75.39	55.61	53.06	51.17	49.99	50.47	53.56	60.38	76.03	84.48	74.36	66.24	59.96	53.81	50.39	
		5.87	5.85	5.69	5.54	5.77	5.68	8.55	8.75	7.14	6.79	4.31	3.89	3.53	3.36	3.48	3.97	4.99	6.30	7.05	6.20	5.25	4.95	4.26	3.82	
		-54.34	0.00	0.00	0.00	-7.46	-67.60	-68.51	-79.84	-26.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.03	0.00	0.00	0.00	0.00	0.00	0.00	
ADK_NYS__DAM	23527	105.48	66.47	63.94	62.89	69.02	111.76	142.40	151.32	96.99	72.86	53.72	51.34	49.74	48.68	49.21	51.97	58.55	72.93	81.53	71.90	64.23	57.98	52.03	49.04	
		3.46	3.52	3.39	3.28	3.37	3.22	5.36	5.63	4.37	4.25	2.41	2.16	2.09	2.05	2.21	2.38	3.16	3.72	4.10	3.75	3.23	2.97	2.48	2.47	
		-40.20	0.00	0.00	0.00	-5.52	-50.01	-50.68	-59.07	-19.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.50	0.00	0.00	0.00	0.00	0.00	0.00	
AIR_PRODUCTS__DRP	24190	94.07	65.34	62.92	61.88	66.48	97.92	127.50	134.11	90.18	71.28	52.90	50.60	49.02	47.94	48.41	51.13	57.33	71.06	79.99	70.40	62.89	56.77	51.09	48.11	
		2.29	2.39	2.36	2.27	2.23	2.11	3.37	3.47	2.55	2.68	1.59	1.43	1.38	1.31	1.41	1.54	1.94	2.23	2.56	2.25	1.89	1.76	1.54	1.54	
		-29.96	0.00	0.00	0.00	-4.11	-37.27	-37.77	-44.02	-14.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.12	0.00	0.00	0.00	0.00	0.00	0.00	
AKWESSNE_115KV_BK	355683	62.68	63.83	61.34	60.45	60.92	59.18	86.27	86.37	73.48	69.22	51.92	49.77	48.17	47.24	47.56	50.28	56.00	68.45	78.05	68.70	61.61	55.56	50.05	47.13	
		0.87	0.88	0.79	0.83	0.78	0.64	-0.09	-0.26	0.66	0.62	0.62	0.59	0.52	0.61	0.56	0.69	0.61	0.74	0.62	0.55	0.61	0.55	0.50	0.56	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_1_SOLAR	323833	87.33	65.97	63.52	62.47	66.05	89.55	119.07	123.94	86.03	71.14	52.79	50.46	48.83	47.80	48.31	51.13	57.39	70.82	80.30	70.74	63.25	57.10	51.43	48.44	
		2.66	3.02	2.97	2.86	2.77	2.57	3.89	3.72	2.48	2.54	1.49	1.28	1.19	1.17	1.31	1.54	1.99	2.30	2.87	2.59	2.26	2.09	1.88	1.86	
		-22.86	0.00	0.00	0.00	-3.14	-28.44	-28.82	-33.59	-10.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.82	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_2_SOLAR	323834	87.33	65.97	63.52	62.47	65.99	89.48	119.06	123.84	86.02	71.14	52.79	50.46	48.83	47.80	48.31	51.13	57.39	70.82	80.30	70.74	63.25	57.10	51.43	48.44	
		2.66	3.02	2.97	2.86	2.71	2.52	3.89	3.64	2.48	2.54	1.49	1.28	1.19	1.17	1.31	1.54	1.99	2.30	2.87	2.59	2.26	2.09	1.88	1.86	
		-22.85	0.00	0.00	0.00	-3.14	-28.43	-28.81	-33.58	-10.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY__1	23571	94.07	65.34	62.92	61.88	66.48	97.92	127.50	134.11	90.18	71.28	52.90	50.60	49.02	47.94	48.41	51.13	57.33	71.06	79.99	70.40	62.89	56.77	51.09	48.11	
		2.29	2.39	2.36	2.27	2.23	2.11	3.37	3.47	2.55	2.68	1.59	1.43	1.38	1.31	1.41	1.54	1.94	2.23	2.56	2.25	1.89	1.76	1.54	1.54	
		-29.96	0.00	0.00	0.00	-4.11	-37.27	-37.77	-44.02	-14.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.12	0.00	0.00	0.00	0.00	0.00	0.00	

ALBANY___2 23572	94.07 2.29 -29.96	65.34 2.39 0.00	62.92 2.36 0.00	61.88 2.27 0.00	66.48 2.23 -4.11	97.92 2.11 -37.27	127.50 3.37 -37.77	134.11 3.47 -44.02	90.18 2.55 -14.81	71.28 2.68 0.00	52.90 1.59 0.00	50.60 1.43 0.00	49.02 1.38 0.00	47.94 1.31 0.00	48.41 1.41 0.00	51.13 1.54 0.00	57.33 1.94 0.00	71.06 2.23 -1.12	79.99 2.56 0.00	70.40 2.25 0.00	62.89 1.89 0.00	56.77 1.76 0.00	51.09 1.54 0.00	48.11 1.54 0.00
ALBANY___3 23573	94.07 2.29 -29.96	65.34 2.39 0.00	62.92 2.36 0.00	61.88 2.27 0.00	66.48 2.23 -4.11	97.92 2.11 -37.27	127.50 3.37 -37.77	134.11 3.47 -44.02	90.18 2.55 -14.81	71.28 2.68 0.00	52.90 1.59 0.00	50.60 1.43 0.00	49.02 1.38 0.00	47.94 1.31 0.00	48.41 1.41 0.00	51.13 1.54 0.00	57.33 1.94 0.00	71.06 2.23 -1.12	79.99 2.56 0.00	70.40 2.25 0.00	62.89 1.89 0.00	56.77 1.76 0.00	51.09 1.54 0.00	48.11 1.54 0.00
ALBANY___4 23574	94.07 2.29 -29.96	65.34 2.39 0.00	62.92 2.36 0.00	61.88 2.27 0.00	66.48 2.23 -4.11	97.92 2.11 -37.27	127.50 3.37 -37.77	134.11 3.47 -44.02	90.18 2.55 -14.81	71.28 2.68 0.00	52.90 1.59 0.00	50.60 1.43 0.00	49.02 1.38 0.00	47.94 1.31 0.00	48.41 1.41 0.00	51.13 1.54 0.00	57.33 1.94 0.00	71.06 2.23 -1.12	79.99 2.56 0.00	70.40 2.25 0.00	62.89 1.89 0.00	56.77 1.76 0.00	51.09 1.54 0.00	48.11 1.54 0.00
ALBANY___LFGE 323615	102.53 2.66 -38.06	65.72 2.77 0.00	63.22 2.66 0.00	62.23 2.62 0.00	68.01 2.64 -5.22	108.34 2.46 -47.35	138.32 3.97 -47.98	146.62 4.07 -55.92	97.80 3.93 -21.05	72.58 3.98 0.00	53.82 2.51 0.00	51.44 2.26 0.00	49.79 2.15 0.00	48.68 2.05 0.00	49.16 2.16 0.00	52.02 2.43 0.00	58.33 2.93 0.00	72.82 3.52 -1.60	81.30 3.87 0.00	71.56 3.41 0.00	63.92 2.93 0.00	57.70 2.69 0.00	51.88 2.33 0.00	48.72 2.14 0.00
ALCOA_PA_115KV_PL-6C 55860	62.87 1.05 0.00	64.02 1.07 0.00	61.58 1.03 0.00	60.63 1.01 0.00	61.10 0.96 0.00	59.36 0.82 0.00	86.53 0.17 0.00	86.54 -0.09 0.00	73.62 0.80 0.00	69.42 0.82 0.00	52.02 0.72 0.00	49.92 0.74 0.00	48.31 0.67 0.00	47.38 0.75 0.00	47.70 0.70 0.00	50.43 0.84 0.00	56.17 0.78 0.00	68.65 0.95 0.00	78.28 0.85 0.00	68.90 0.75 0.00	61.73 0.73 0.00	55.67 0.66 0.00	50.19 0.64 0.00	47.27 0.70 0.00
ALCOA_RYNLDS___DRP 24188	62.87 1.05 0.00	64.02 1.07 0.00	61.58 1.03 0.00	60.63 1.01 0.00	61.10 0.96 0.00	59.36 0.82 0.00	86.53 0.17 0.00	86.54 -0.09 0.00	73.62 0.80 0.00	69.42 0.82 0.00	52.02 0.72 0.00	49.92 0.74 0.00	48.31 0.67 0.00	47.38 0.75 0.00	47.70 0.70 0.00	50.43 0.84 0.00	56.17 0.78 0.00	68.65 0.95 0.00	78.28 0.85 0.00	68.90 0.75 0.00	61.73 0.73 0.00	55.67 0.66 0.00	50.19 0.64 0.00	47.27 0.70 0.00
ALCOA___DSASP 323711	62.87 1.05 0.00	64.02 1.07 0.00	61.58 1.03 0.00	60.62 1.01 0.00	61.10 0.96 0.00	59.35 0.82 0.00	86.45 0.09 0.00	86.54 -0.09 0.00	73.47 0.65 0.00	69.29 0.69 0.00	52.02 0.72 0.00	49.92 0.74 0.00	48.31 0.67 0.00	47.37 0.74 0.00	47.70 0.71 0.00	50.43 0.84 0.00	56.17 0.78 0.00	68.65 0.95 0.00	78.44 1.00 0.00	68.97 0.82 0.00	61.73 0.73 0.00	55.61 0.61 0.00	50.19 0.64 0.00	47.27 0.70 0.00
ALLEGHENY___COGEN 23514	61.93 -1.24 -1.35	61.63 -1.32 0.00	59.40 -1.15 0.00	58.66 -0.96 0.00	59.30 -1.02 -0.19	60.22 0.00 -1.68	88.75 0.69 -1.70	88.18 -0.43 -1.99	71.00 -2.48 -0.66	64.96 -3.64 0.00	49.15 -2.15 0.00	47.46 -1.72 0.00	45.97 -1.67 0.00	44.86 -1.77 0.00	45.16 -1.83 0.00	47.81 -1.78 0.00	53.23 -2.16 0.00	65.86 -1.90 -0.05	76.12 -1.32 0.00	67.54 -0.61 0.00	60.75 -0.24 0.00	54.68 -0.33 0.00	48.96 -0.59 0.00	45.97 -0.61 0.00
ALTAMONT_115KV_TB 2 55880	87.91 1.79 -24.30	64.84 1.89 0.00	62.37 1.82 0.00	61.34 1.73 0.00	65.22 1.74 -3.33	90.41 1.64 -30.23	119.76 2.76 -30.64	125.19 2.86 -35.71	85.98 2.04 -11.13	70.66 2.06 0.00	52.54 1.23 0.00	50.26 1.08 0.00	48.74 1.10 0.00	47.66 1.03 0.00	48.12 1.13 0.00	50.78 1.19 0.00	56.89 1.50 0.00	70.31 1.76 -0.84	79.52 2.09 0.00	69.99 1.84 0.00	62.58 1.59 0.00	56.44 1.43 0.00	50.79 1.24 0.00	47.78 1.21 0.00
ALTONA_WT_PWR 323606	63.18 1.36 0.00	64.21 1.26 0.00	61.65 1.09 0.00	60.74 1.13 0.00	61.28 1.14 0.00	59.65 1.11 0.00	86.45 0.09 0.00	86.71 0.09 0.00	73.84 1.02 0.00	69.63 1.03 0.00	52.53 1.23 0.00	50.51 1.33 0.00	48.88 1.24 0.00	48.03 1.40 0.00	48.36 1.36 0.00	51.22 1.63 0.00	57.00 1.61 0.00	69.81 2.10 0.00	79.75 2.32 0.00	70.13 1.98 0.00	62.77 1.77 0.00	56.55 1.54 0.00	51.14 1.59 0.00	48.16 1.58 0.00
AMERICAN_REF_FUEL 24010	55.64 -6.18 0.00	56.59 -6.36 0.00	54.44 -6.11 0.00	53.89 -5.72 0.00	54.37 -5.77 0.00	53.80 -4.74 0.00	79.71 -6.65 0.00	78.92 -7.71 0.00	65.32 -7.50 0.00	61.26 -7.34 0.00	46.79 -4.52 0.00	45.39 -3.79 0.00	44.02 -3.62 0.00	43.08 -3.55 0.00	43.28 -3.71 0.00	45.27 -4.31 0.00	49.80 -5.59 0.00	60.73 -6.97 0.00	69.69 -7.74 0.00	61.68 -6.48 0.00	55.81 -5.18 0.00	50.44 -4.57 0.00	45.69 -3.86 0.00	43.22 -3.35 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	58.30 -3.52 0.00	59.24 -3.71 0.00	56.92 -3.63 0.00	56.45 -3.16 0.00	56.89 -3.25 0.00	56.55 -1.99 0.00	84.38 -1.98 0.00	83.59 -3.03 0.00	69.61 -3.86 -0.65	64.49 -4.11 0.00	49.25 -2.05 0.00	47.75 -1.43 0.00	46.16 -1.48 0.00	45.23 -1.40 0.00	45.49 -1.51 0.00	47.65 -1.93 0.00	53.07 -2.32 0.00	64.79 -2.91 0.00	74.25 -3.18 0.00	65.70 -2.45 0.00	59.35 -1.64 0.00	53.41 -1.60 0.00	48.26 -1.29 0.00	45.59 -0.98 0.00
ARTHUR KILL_GT_1 23520	72.68 2.48 -8.38	66.12 2.58 -0.59	63.03 2.48 0.01	61.76 2.14 -0.01	63.19 2.28 -0.76	67.64 2.10 -7.00	98.11 4.66 -7.09	102.60 5.28 -10.69	89.25 3.71 -12.72	81.43 3.70 -9.12	63.14 2.56 -9.27	63.19 2.41 -11.60	63.18 2.38 -13.16	63.13 2.33 -14.17	63.18 2.40 -13.79	63.31 2.48 -11.24	99.15 2.82 -40.93	246.63 3.45 -175.47	185.32 3.95 -103.94	213.39 3.34 -141.90	130.47 2.99 -66.49	161.64 2.69 -103.94	63.19 2.57 -11.06	63.18 2.37 -14.23
ARTHUR_KILL_2 23512	72.49 2.29 -8.38	65.93 2.39 -0.59	62.85 2.30 0.01	61.65 2.03 -0.01	63.01 2.10 -0.76	67.46 1.93 -7.00	97.86 4.40 -7.09	102.43 5.11 -10.69	89.03 3.50 -12.72	81.22 3.50 -9.12	63.04 2.46 -9.27	63.04 2.26 -11.60	63.04 2.24 -13.16	63.04 2.24 -14.17	63.04 2.26 -13.79	63.16 2.33 -11.24	98.98 2.66 -40.93	246.43 3.25 -175.47	185.16 3.79 -103.94	213.19 3.14 -141.90	130.29 2.81 -66.49	161.48 2.53 -103.94	63.04 2.43 -11.06	63.04 2.24 -14.23
ARTHUR_KILL_3 23513	72.07 1.85 -8.40	65.50 1.95 -0.60	62.49 1.94 0.00	61.34 1.73 0.00	62.72 1.80 -0.77	67.18 1.64 -7.01	97.26 3.80 -7.10	101.75 4.42 -10.71	88.55 2.99 -12.75	80.70 2.95 -9.15	62.64 2.05 -9.28	62.70 1.92 -11.61	62.72 1.91 -13.17	62.68 1.87 -14.18	62.72 1.93 -13.80	62.77 1.93 -11.25	98.60 2.27 -40.94	245.90 2.71 -175.48	184.48 3.10 -103.94	212.65 2.59 -141.91	129.75 2.26 -66.49	160.99 2.04 -103.94	62.75 2.13 -11.07	62.77 1.96 -14.24

ARTHUR_KILL_COGEN 323718	72.68 2.48 -8.38	66.12 2.58 -0.59	63.03 2.48 0.01	61.76 2.14 -0.01	63.19 2.28 -0.76	67.64 2.10 -7.00	98.11 4.66 -7.09	102.60 5.28 -10.69	89.25 3.71 -12.72	81.43 3.70 -9.12	63.14 2.56 -9.27	63.19 2.41 -11.60	63.18 2.38 -13.16	63.13 2.33 -14.17	63.18 2.40 -13.79	63.31 2.48 -11.24	99.15 2.82 -40.93	246.63 3.45 -175.47	185.32 3.95 -103.94	213.39 3.34 -141.90	130.47 2.99 -66.49	161.64 2.69 -103.94	63.19 2.57 -11.06	63.18 2.37 -14.23
ASHOKAN____ 23654	79.10 0.06 -17.22	67.04 4.09 0.00	64.67 4.12 0.00	63.67 4.06 0.00	63.28 0.78 -2.36	80.25 0.29 -21.42	109.53 1.47 -21.70	113.56 1.64 -25.29	81.36 0.29 -8.24	71.76 3.16 0.00	53.15 1.84 0.00	50.70 1.53 0.00	49.02 1.38 0.00	48.08 1.45 0.00	48.64 1.64 0.00	51.37 1.78 0.00	57.83 2.43 0.00	68.40 0.07 -0.63	81.92 4.49 0.00	72.11 3.95 0.00	64.41 3.41 0.00	58.09 3.08 0.00	52.37 2.82 0.00	49.18 2.61 0.00
ASTORIA_EAST_ENERGY_CC1 323581	73.00 2.78 -8.40	66.45 2.90 -0.61	63.47 2.91 -0.01	62.36 2.74 -0.01	63.69 2.77 -0.78	68.01 2.46 -7.02	98.04 4.57 -7.11	102.27 4.94 -10.71	88.91 3.35 -12.74	81.10 3.36 -9.14	53.62 2.31 -0.01	51.30 2.11 -0.01	49.80 2.15 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.89 2.98 -0.21	80.84 3.40 -0.01	71.02 2.86 -0.01	63.57 2.56 -0.01	57.27 2.26 -0.01	51.84 2.28 -0.01	48.77 2.19 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	73.06 2.85 -8.40	66.45 2.90 -0.61	63.41 2.85 -0.01	62.36 2.74 -0.01	63.69 2.77 -0.78	68.01 2.46 -7.02	98.13 4.66 -7.11	102.27 4.94 -10.71	88.98 3.42 -12.74	81.10 3.36 -9.14	53.62 2.31 -0.01	51.35 2.16 -0.01	49.80 2.15 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.89 2.98 -0.21	80.84 3.40 -0.01	71.02 2.86 -0.01	63.57 2.56 -0.01	57.33 2.31 -0.01	51.84 2.28 -0.01	48.82 2.24 -0.01
ASTORIA_GT2_1 24094	73.12 2.91 -8.40	66.51 2.96 -0.61	63.47 2.91 -0.01	62.42 2.80 -0.01	63.81 2.89 -0.78	68.07 2.52 -7.02	98.13 4.66 -7.11	102.27 4.94 -10.71	88.90 3.35 -12.74	81.03 3.29 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	49.84 2.19 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.96 3.05 -0.21	81.00 3.56 -0.01	71.16 3.00 -0.01	63.63 2.62 -0.01	57.33 2.31 -0.01	51.64 2.08 -0.01	48.49 1.91 -0.01
ASTORIA_GT2_2 24095	73.12 2.91 -8.40	66.51 2.96 -0.61	63.47 2.91 -0.01	62.42 2.80 -0.01	63.81 2.89 -0.78	68.07 2.52 -7.02	98.13 4.66 -7.11	102.27 4.94 -10.71	88.90 3.35 -12.74	81.03 3.29 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	49.84 2.19 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.96 3.05 -0.21	81.00 3.56 -0.01	71.16 3.00 -0.01	63.63 2.62 -0.01	57.33 2.31 -0.01	51.64 2.08 -0.01	48.49 1.91 -0.01
ASTORIA_GT2_3 24096	73.12 2.91 -8.40	66.51 2.96 -0.61	63.47 2.91 -0.01	62.42 2.80 -0.01	63.81 2.89 -0.78	68.07 2.52 -7.02	98.13 4.66 -7.11	102.27 4.94 -10.71	88.90 3.35 -12.74	81.03 3.29 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	49.84 2.19 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.96 3.05 -0.21	81.00 3.56 -0.01	71.16 3.00 -0.01	63.63 2.62 -0.01	57.33 2.31 -0.01	51.64 2.08 -0.01	48.49 1.91 -0.01
ASTORIA_GT2_4 24097	73.12 2.91 -8.40	66.51 2.96 -0.61	63.47 2.91 -0.01	62.42 2.80 -0.01	63.81 2.89 -0.78	68.07 2.52 -7.02	98.13 4.66 -7.11	102.27 4.94 -10.71	88.90 3.35 -12.74	81.03 3.29 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	49.84 2.19 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.96 3.05 -0.21	81.00 3.56 -0.01	71.16 3.00 -0.01	63.63 2.62 -0.01	57.33 2.31 -0.01	51.64 2.08 -0.01	48.49 1.91 -0.01
ASTORIA_GT3_1 24098	73.12 2.91 -8.40	66.51 2.96 -0.61	63.47 2.91 -0.01	62.42 2.80 -0.01	63.81 2.89 -0.78	68.07 2.52 -7.02	98.13 4.66 -7.11	102.27 4.94 -10.71	88.90 3.35 -12.74	81.03 3.29 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	49.84 2.19 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.96 3.05 -0.21	81.00 3.56 -0.01	71.16 3.00 -0.01	63.63 2.62 -0.01	57.33 2.31 -0.01	51.64 2.08 -0.01	48.49 1.91 -0.01
ASTORIA_GT3_2 24099	73.12 2.91 -8.40	66.51 2.96 -0.61	63.47 2.91 -0.01	62.42 2.80 -0.01	63.81 2.89 -0.78	68.07 2.52 -7.02	98.13 4.66 -7.11	102.27 4.94 -10.71	88.90 3.35 -12.74	81.03 3.29 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	49.84 2.19 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.96 3.05 -0.21	81.00 3.56 -0.01	71.16 3.00 -0.01	63.63 2.62 -0.01	57.33 2.31 -0.01	51.64 2.08 -0.01	48.49 1.91 -0.01
ASTORIA_GT3_3 24100	73.12 2.91 -8.40	66.51 2.96 -0.61	63.47 2.91 -0.01	62.42 2.80 -0.01	63.81 2.89 -0.78	68.07 2.52 -7.02	98.13 4.66 -7.11	102.27 4.94 -10.71	88.90 3.35 -12.74	81.03 3.29 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	49.84 2.19 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.96 3.05 -0.21	81.00 3.56 -0.01	71.16 3.00 -0.01	63.63 2.62 -0.01	57.33 2.31 -0.01	51.64 2.08 -0.01	48.49 1.91 -0.01
ASTORIA_GT3_4 24101	73.12 2.91 -8.40	66.51 2.96 -0.61	63.47 2.91 -0.01	62.42 2.80 -0.01	63.81 2.89 -0.78	68.07 2.52 -7.02	98.13 4.66 -7.11	102.27 4.94 -10.71	88.90 3.35 -12.74	81.03 3.29 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	49.84 2.19 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.96 3.05 -0.21	81.00 3.56 -0.01	71.16 3.00 -0.01	63.63 2.62 -0.01	57.33 2.31 -0.01	51.64 2.08 -0.01	48.49 1.91 -0.01
ASTORIA_GT4_1 24102	73.12 2.91 -8.40	66.51 2.96 -0.61	63.47 2.91 -0.01	62.42 2.80 -0.01	63.81 2.89 -0.78	68.07 2.52 -7.02	98.13 4.66 -7.11	102.27 4.94 -10.71	88.90 3.35 -12.74	81.03 3.29 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	49.84 2.19 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.96 3.05 -0.21	81.00 3.56 -0.01	71.16 3.00 -0.01	63.63 2.62 -0.01	57.33 2.31 -0.01	51.64 2.08 -0.01	48.49 1.91 -0.01
ASTORIA_GT4_2 24103	73.12 2.91 -8.40	66.51 2.96 -0.61	63.47 2.91 -0.01	62.42 2.80 -0.01	63.81 2.89 -0.78	68.07 2.52 -7.02	98.13 4.66 -7.11	102.27 4.94 -10.71	88.90 3.35 -12.74	81.03 3.29 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	49.84 2.19 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.96 3.05 -0.21	81.00 3.56 -0.01	71.16 3.00 -0.01	63.63 2.62 -0.01	57.33 2.31 -0.01	51.64 2.08 -0.01	48.49 1.91 -0.01
ASTORIA_GT4_3 24104	73.12 2.91 -8.40	66.51 2.96 -0.61	63.47 2.91 -0.01	62.42 2.80 -0.01	63.81 2.89 -0.78	68.07 2.52 -7.02	98.13 4.66 -7.11	102.27 4.94 -10.71	88.90 3.35 -12.74	81.03 3.29 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	49.84 2.19 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.96 3.05 -0.21	81.00 3.56 -0.01	71.16 3.00 -0.01	63.63 2.62 -0.01	57.33 2.31 -0.01	51.64 2.08 -0.01	48.49 1.91 -0.01

ASTORIA_GT4_4 24105	73.12 2.91 -8.40	66.51 2.96 -0.61	63.47 2.91 -0.01	62.42 2.80 -0.01	63.81 2.89 -0.78	68.07 2.52 -7.02	98.13 4.66 -7.11	102.27 4.94 -10.71	88.90 3.35 -12.74	81.03 3.29 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	49.84 2.19 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.96 3.05 -0.21	81.00 3.56 -0.01	71.16 3.00 -0.01	63.63 2.62 -0.01	57.33 2.31 -0.01	51.64 2.08 -0.01	48.49 1.91 -0.01
ASTORIA_GT_1 23523	73.18 2.97 -8.40	66.58 3.02 -0.61	63.53 2.97 -0.01	62.48 2.86 -0.01	63.81 2.89 -0.78	68.12 2.57 -7.02	98.30 4.83 -7.11	102.53 5.20 -10.71	89.12 3.57 -12.74	81.24 3.50 -9.14	53.78 2.46 -0.01	51.45 2.26 -0.01	49.89 2.24 -0.01	48.88 2.24 -0.01	49.31 2.30 -0.01	51.93 2.33 -0.01	58.06 2.66 -0.01	71.10 3.18 -0.21	81.08 3.64 -0.01	71.23 3.07 -0.01	63.75 2.75 -0.01	57.43 2.42 -0.01	51.94 2.38 -0.01	48.91 2.33 -0.01
ASTORIA_GT_10 24110	72.94 2.72 -8.40	66.39 2.83 -0.61	63.29 2.72 -0.01	62.12 2.50 -0.01	63.57 2.65 -0.78	67.95 2.40 -7.02	98.31 4.84 -7.11	102.79 5.46 -10.71	89.34 3.79 -12.74	81.44 3.70 -9.14	70.76 2.67 -16.79	68.43 2.46 -16.79	55.55 2.48 -5.43	61.50 2.42 -12.45	51.71 2.49 -2.22	58.62 2.53 -6.50	64.88 2.88 -6.61	99.75 3.52 -28.52	91.78 4.10 -10.24	94.55 3.48 -22.92	66.06 3.05 -2.02	57.71 2.70 -0.01	52.43 2.48 -0.40	48.82 2.24 -0.01
ASTORIA_GT_11 24225	72.94 2.72 -8.40	66.39 2.83 -0.61	63.29 2.72 -0.01	62.12 2.50 -0.01	63.57 2.65 -0.78	67.95 2.40 -7.02	98.31 4.84 -7.11	102.79 5.46 -10.71	89.34 3.79 -12.74	81.44 3.70 -9.14	70.76 2.67 -16.79	68.43 2.46 -16.79	55.55 2.48 -5.43	61.50 2.42 -12.45	51.71 2.49 -2.22	58.62 2.53 -6.50	64.88 2.88 -6.61	99.75 3.52 -28.52	91.78 4.10 -10.24	94.55 3.48 -22.92	66.06 3.05 -2.02	57.71 2.70 -0.01	52.43 2.48 -0.40	48.82 2.24 -0.01
ASTORIA_GT_12 24226	72.94 2.72 -8.40	66.39 2.83 -0.61	63.29 2.72 -0.01	62.12 2.50 -0.01	63.57 2.65 -0.78	67.95 2.40 -7.02	98.31 4.84 -7.11	102.79 5.46 -10.71	89.34 3.79 -12.74	81.44 3.70 -9.14	70.76 2.67 -16.79	68.43 2.46 -16.79	55.55 2.48 -5.43	61.50 2.42 -12.45	51.71 2.49 -2.22	58.62 2.53 -6.50	64.88 2.88 -6.61	99.75 3.52 -28.52	91.78 4.10 -10.24	94.55 3.48 -22.92	66.06 3.05 -2.02	57.71 2.70 -0.01	52.43 2.48 -0.40	48.82 2.24 -0.01
ASTORIA_GT_13 24227	72.94 2.72 -8.40	66.39 2.83 -0.61	63.29 2.72 -0.01	62.12 2.50 -0.01	63.57 2.65 -0.78	67.95 2.40 -7.02	98.31 4.84 -7.11	102.79 5.46 -10.71	89.34 3.79 -12.74	81.44 3.70 -9.14	70.76 2.67 -16.79	68.43 2.46 -16.79	55.55 2.48 -5.43	61.50 2.42 -12.45	51.71 2.49 -2.22	58.62 2.53 -6.50	64.88 2.88 -6.61	99.75 3.52 -28.52	91.78 4.10 -10.24	94.55 3.48 -22.92	66.06 3.05 -2.02	57.71 2.70 -0.01	52.43 2.48 -0.40	48.82 2.24 -0.01
ASTORIA_GT_5 24106	73.18 2.97 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.54 2.92 -0.01	63.87 2.95 -0.78	68.19 2.63 -7.02	98.22 4.75 -7.11	102.45 5.11 -10.71	89.05 3.50 -12.74	81.17 3.43 -9.14	53.78 2.46 -0.01	51.45 2.26 -0.01	49.94 2.29 -0.01	48.83 2.19 -0.01	49.31 2.30 -0.01	51.93 2.33 -0.01	58.06 2.66 -0.01	71.10 3.18 -0.21	81.16 3.72 -0.01	71.30 3.14 -0.01	63.75 2.74 -0.01	57.44 2.42 -0.01	51.74 2.18 -0.01	48.58 2.00 -0.01
ASTORIA_GT_7 24107	73.18 2.97 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.54 2.92 -0.01	63.87 2.95 -0.78	68.19 2.63 -7.02	98.22 4.75 -7.11	102.45 5.11 -10.71	89.05 3.50 -12.74	81.17 3.43 -9.14	53.78 2.46 -0.01	51.45 2.26 -0.01	49.94 2.29 -0.01	48.83 2.19 -0.01	49.31 2.30 -0.01	51.93 2.33 -0.01	58.06 2.66 -0.01	71.10 3.18 -0.21	81.16 3.72 -0.01	71.30 3.14 -0.01	63.75 2.74 -0.01	57.44 2.42 -0.01	51.74 2.18 -0.01	48.58 2.00 -0.01
ASTORIA_GT_8 24108	73.18 2.97 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.54 2.92 -0.01	63.87 2.95 -0.78	68.19 2.63 -7.02	98.22 4.75 -7.11	102.45 5.11 -10.71	89.05 3.50 -12.74	81.17 3.43 -9.14	53.78 2.46 -0.01	51.45 2.26 -0.01	49.94 2.29 -0.01	48.83 2.19 -0.01	49.31 2.30 -0.01	51.93 2.33 -0.01	58.06 2.66 -0.01	71.10 3.18 -0.21	81.16 3.72 -0.01	71.30 3.14 -0.01	63.75 2.74 -0.01	57.44 2.42 -0.01	51.74 2.18 -0.01	48.58 2.00 -0.01
ASTORIA___2 24149	73.06 2.85 -8.40	66.45 2.90 -0.61	63.47 2.91 -0.01	62.42 2.80 -0.01	63.69 2.77 -0.78	68.07 2.52 -7.02	98.13 4.66 -7.11	102.36 5.02 -10.71	88.98 3.42 -12.74	81.10 3.36 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	49.80 2.15 -0.01	48.74 2.10 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	70.97 3.05 -0.21	80.93 3.49 -0.01	71.09 2.93 -0.01	63.63 2.62 -0.01	57.33 2.31 -0.01	51.84 2.28 -0.01	48.82 2.24 -0.01
ASTORIA___3 23516	72.87 2.66 -8.40	66.32 2.77 -0.61	63.29 2.73 -0.01	62.12 2.50 -0.01	63.45 2.53 -0.78	67.95 2.40 -7.02	98.39 4.92 -7.11	102.80 5.46 -10.71	89.41 3.86 -12.74	81.51 3.77 -9.14	70.76 2.67 -16.79	68.42 2.46 -16.79	55.50 2.43 -5.43	61.50 2.42 -12.45	51.71 2.49 -2.22	58.62 2.53 -6.50	64.88 2.88 -6.61	99.74 3.52 -28.52	91.70 4.02 -10.24	94.48 3.41 -22.92	66.00 2.99 -2.02	57.71 2.69 -0.01	52.57 2.62 -0.40	49.00 2.42 -0.01
ASTORIA___4 23517	72.94 2.72 -8.40	66.39 2.83 -0.61	63.29 2.72 -0.01	62.12 2.50 -0.01	63.57 2.65 -0.78	67.95 2.40 -7.02	98.31 4.84 -7.11	102.79 5.46 -10.71	89.34 3.79 -12.74	81.44 3.70 -9.14	70.76 2.67 -16.79	68.43 2.46 -16.79	55.55 2.48 -5.43	61.50 2.42 -12.45	51.71 2.49 -2.22	58.62 2.53 -6.50	64.88 2.88 -6.61	99.75 3.52 -28.52	91.78 4.10 -10.24	94.55 3.48 -22.92	66.06 3.05 -2.02	57.71 2.70 -0.01	52.43 2.48 -0.40	48.82 2.24 -0.01
ASTORIA___5 23518	72.87 2.66 -8.40	66.32 2.77 -0.61	63.29 2.73 -0.01	62.12 2.50 -0.01	63.45 2.53 -0.78	67.95 2.40 -7.02	98.39 4.92 -7.11	102.80 5.46 -10.71	89.41 3.86 -12.74	81.51 3.77 -9.14	70.76 2.67 -16.79	68.42 2.46 -16.79	55.50 2.43 -5.43	61.50 2.42 -12.45	51.71 2.49 -2.22	58.62 2.53 -6.50	64.88 2.88 -6.61	99.74 3.52 -28.52	91.70 4.02 -10.24	94.48 3.41 -22.92	66.00 2.99 -2.02	57.71 2.69 -0.01	52.57 2.62 -0.40	49.00 2.42 -0.01
AST_ENERGY_2_CC3 323677	72.38 2.16 -8.40	65.88 2.33 -0.60	62.80 2.24 0.00	61.64 2.03 0.00	63.02 2.10 -0.77	67.47 1.93 -7.01	97.69 4.23 -7.10	102.27 4.94 -10.71	88.92 3.35 -12.75	81.11 3.36 -9.15	53.67 2.36 0.00	51.34 2.16 0.00	49.79 2.15 0.00	48.73 2.10 0.00	49.21 2.21 0.00	51.82 2.23 0.00	57.95 2.55 0.00	70.89 2.98 -0.21	80.76 3.33 0.00	70.95 2.80 0.00	63.50 2.50 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.62 2.05 0.00
AST_ENERGY_2_CC4 323678	72.38 2.16 -8.40	65.88 2.33 -0.60	62.80 2.24 0.00	61.64 2.03 0.00	63.02 2.10 -0.77	67.47 1.93 -7.01	97.69 4.23 -7.10	102.27 4.94 -10.71	88.92 3.35 -12.75	81.11 3.36 -9.15	53.67 2.36 0.00	51.34 2.16 0.00	49.79 2.15 0.00	48.73 2.10 0.00	49.21 2.21 0.00	51.82 2.23 0.00	57.95 2.55 0.00	70.89 2.98 -0.21	80.76 3.33 0.00	70.95 2.80 0.00	63.50 2.50 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.62 2.05 0.00

ATHENS_STG_1 23668	67.83 1.67 -4.34	64.65 1.70 0.00	62.19 1.64 0.00	61.16 1.55 0.00	62.36 1.62 -0.60	65.45 1.52 -5.40	94.68 2.85 -5.47	96.12 3.11 -6.38	77.07 2.18 -2.07	70.80 2.19 0.00	52.69 1.39 0.00	50.41 1.23 0.00	48.83 1.19 0.00	47.84 1.21 0.00	48.27 1.27 0.00	50.93 1.34 0.00	56.89 1.50 0.00	69.62 1.76 -0.16	79.37 1.94 0.00	69.86 1.70 0.00	62.52 1.53 0.00	56.38 1.38 0.00	50.84 1.29 0.00	47.74 1.16 0.00
ATHENS_STG_2 23670	67.83 1.67 -4.34	64.65 1.70 0.00	62.19 1.64 0.00	61.16 1.55 0.00	62.36 1.62 -0.60	65.45 1.52 -5.40	94.68 2.85 -5.47	96.12 3.11 -6.38	77.07 2.18 -2.07	70.80 2.19 0.00	52.69 1.39 0.00	50.41 1.23 0.00	48.83 1.19 0.00	47.84 1.21 0.00	48.27 1.27 0.00	50.93 1.34 0.00	56.89 1.50 0.00	69.62 1.76 -0.16	79.37 1.94 0.00	69.86 1.70 0.00	62.52 1.53 0.00	56.38 1.38 0.00	50.84 1.29 0.00	47.74 1.16 0.00
ATHENS_STG_3 23677	67.83 1.67 -4.34	64.65 1.70 0.00	62.19 1.64 0.00	61.16 1.55 0.00	62.36 1.62 -0.60	65.45 1.52 -5.40	94.68 2.85 -5.47	96.12 3.11 -6.38	77.07 2.18 -2.07	70.80 2.19 0.00	52.69 1.39 0.00	50.41 1.23 0.00	48.83 1.19 0.00	47.84 1.21 0.00	48.27 1.27 0.00	50.93 1.34 0.00	56.89 1.50 0.00	69.62 1.76 -0.16	79.37 1.94 0.00	69.86 1.70 0.00	62.52 1.53 0.00	56.38 1.38 0.00	50.84 1.29 0.00	47.74 1.16 0.00
AUBURN___LFGE 323710	60.58 -1.24 0.00	61.69 -1.26 0.00	59.28 -1.27 0.00	58.36 -1.25 0.00	58.88 -1.26 0.00	57.77 -0.76 0.00	85.84 -0.52 0.00	86.11 -0.52 0.00	71.80 -1.02 0.00	67.44 -1.17 0.00	50.74 -0.56 0.00	48.74 -0.44 0.00	47.21 -0.43 0.00	46.12 -0.51 0.00	46.39 -0.61 0.00	48.89 -0.69 0.00	54.62 -0.78 0.00	66.89 -0.81 0.00	76.74 -0.70 0.00	67.47 -0.68 0.00	60.45 -0.55 0.00	54.51 -0.50 0.00	48.91 -0.64 0.00	45.87 -0.70 0.00
BABYLON_RES_REC 323704	80.64 3.90 -14.92	75.44 4.03 -8.46	72.98 3.88 -8.55	69.80 3.64 -6.55	74.81 3.79 -10.88	90.71 3.69 -28.49	116.61 6.74 -23.51	121.58 7.19 -27.77	90.68 5.02 -12.84	82.09 4.25 -9.23	54.49 3.18 0.00	52.03 2.85 0.00	50.55 2.91 0.00	49.38 2.75 0.00	50.01 3.01 0.00	53.89 3.42 -0.88	58.99 3.60 0.00	72.38 4.47 -0.21	86.04 5.50 -3.11	72.79 4.64 0.00	65.15 4.15 0.00	58.36 3.36 0.00	52.98 3.42 -0.01	49.69 3.12 0.00
BABYLON___69_KV_BK2 356345	81.37 4.64 -14.92	76.12 4.72 -8.45	73.58 4.48 -8.54	70.45 4.29 -6.54	75.47 4.45 -10.87	91.41 4.39 -28.48	117.55 7.69 -23.50	122.62 8.23 -27.76	91.34 5.68 -12.84	82.63 4.80 -9.23	55.00 3.69 0.00	52.42 3.25 0.00	51.02 3.38 0.00	49.71 3.08 0.00	50.38 3.38 0.00	54.38 3.92 -0.87	59.61 4.21 0.00	73.26 5.35 -0.21	87.28 6.74 -3.11	73.74 5.59 0.00	65.82 4.82 0.00	59.13 4.13 0.00	53.46 3.91 0.00	50.06 3.49 0.00
BALL_HILL_WT_PWR 323825	58.17 -3.65 0.00	59.11 -3.84 0.00	56.80 -3.75 0.00	56.33 -3.28 0.00	56.77 -3.37 0.00	56.31 -2.22 0.00	83.77 -2.59 0.00	82.99 -3.64 0.00	68.59 -4.23 0.00	64.28 -4.32 0.00	49.05 -2.26 0.00	47.60 -1.58 0.00	46.07 -1.57 0.00	45.09 -1.54 0.00	45.31 -1.69 0.00	47.46 -2.13 0.00	52.46 -2.94 0.00	64.11 -3.59 0.00	73.56 -3.87 0.00	65.09 -3.07 0.00	58.80 -2.19 0.00	52.97 -2.03 0.00	47.92 -1.63 0.00	45.27 -1.30 0.00
BARON_WINDS___WT_PWR 323822	60.61 -2.90 -1.69	59.99 -2.96 0.00	57.59 -2.97 0.00	56.87 -2.74 0.00	57.67 -2.71 -0.23	58.77 -1.88 -2.11	86.34 -2.16 -2.14	86.17 -2.95 -2.49	70.15 -3.49 -0.82	64.76 -3.84 0.00	49.10 -2.20 0.00	47.46 -1.72 0.00	46.02 -1.62 0.00	44.91 -1.72 0.00	45.21 -1.79 0.00	47.60 -1.99 0.00	52.74 -2.66 0.00	64.65 -3.11 -0.06	73.95 -3.48 0.00	65.02 -3.13 0.00	58.38 -2.62 0.00	52.59 -2.42 0.00	47.27 -2.28 0.00	44.52 -2.05 0.00
BARRETT_IC_1 23704	79.77 3.03 -14.92	74.55 3.15 -8.46	72.25 3.15 -8.55	69.08 2.92 -6.55	73.97 2.95 -10.88	89.60 2.57 -28.49	114.97 5.09 -23.51	120.03 5.63 -27.77	89.51 3.86 -12.84	81.40 3.57 -9.23	54.02 2.72 0.00	51.69 2.51 0.00	50.21 2.57 0.00	49.10 2.47 0.00	49.63 2.63 0.00	53.29 2.83 -0.88	58.38 2.99 0.00	71.43 3.52 -0.21	84.73 4.18 -3.11	71.76 3.61 0.00	64.23 3.23 0.00	57.76 2.75 0.00	52.39 2.82 -0.02	49.18 2.61 0.00
BARRETT_IC_10 23701	79.77 3.03 -14.92	74.55 3.15 -8.46	72.25 3.15 -8.55	69.08 2.92 -6.55	73.97 2.95 -10.88	89.60 2.57 -28.49	114.97 5.09 -23.51	120.03 5.63 -27.77	89.51 3.86 -12.84	81.40 3.57 -9.23	54.02 2.72 0.00	51.69 2.51 0.00	50.21 2.57 0.00	49.10 2.47 0.00	49.63 2.63 0.00	53.29 2.83 -0.88	58.38 2.99 0.00	71.43 3.52 -0.21	84.73 4.18 -3.11	71.76 3.61 0.00	64.23 3.23 0.00	57.76 2.75 0.00	52.39 2.82 -0.02	49.18 2.61 0.00
BARRETT_IC_11 23702	79.77 3.03 -14.92	74.55 3.15 -8.46	72.25 3.15 -8.55	69.08 2.92 -6.55	73.97 2.95 -10.88	89.60 2.57 -28.49	114.97 5.09 -23.51	120.03 5.63 -27.77	89.51 3.86 -12.84	81.40 3.57 -9.23	54.02 2.72 0.00	51.69 2.51 0.00	50.21 2.57 0.00	49.10 2.47 0.00	49.63 2.63 0.00	53.29 2.83 -0.88	58.38 2.99 0.00	71.43 3.52 -0.21	84.73 4.18 -3.11	71.76 3.61 0.00	64.23 3.23 0.00	57.76 2.75 0.00	52.39 2.82 -0.02	49.18 2.61 0.00
BARRETT_IC_12 23703	79.77 3.03 -14.92	74.55 3.15 -8.46	72.25 3.15 -8.55	69.08 2.92 -6.55	73.97 2.95 -10.88	89.60 2.57 -28.49	114.97 5.09 -23.51	120.03 5.63 -27.77	89.51 3.86 -12.84	81.40 3.57 -9.23	54.02 2.72 0.00	51.69 2.51 0.00	50.21 2.57 0.00	49.10 2.47 0.00	49.63 2.63 0.00	53.29 2.83 -0.88	58.38 2.99 0.00	71.43 3.52 -0.21	84.73 4.18 -3.11	71.76 3.61 0.00	64.23 3.23 0.00	57.76 2.75 0.00	52.39 2.82 -0.02	49.18 2.61 0.00
BARRETT_IC_2 23705	79.77 3.03 -14.92	74.55 3.15 -8.46	72.25 3.15 -8.55	69.08 2.92 -6.55	73.97 2.95 -10.88	89.60 2.57 -28.49	114.97 5.09 -23.51	120.03 5.63 -27.77	89.51 3.86 -12.84	81.40 3.57 -9.23	54.02 2.72 0.00	51.69 2.51 0.00	50.21 2.57 0.00	49.10 2.47 0.00	49.63 2.63 0.00	53.29 2.83 -0.88	58.38 2.99 0.00	71.43 3.52 -0.21	84.73 4.18 -3.11	71.76 3.61 0.00	64.23 3.23 0.00	57.76 2.75 0.00	52.39 2.82 -0.02	49.18 2.61 0.00
BARRETT_IC_3 23706	79.77 3.03 -14.92	74.55 3.15 -8.46	72.25 3.15 -8.55	69.08 2.92 -6.55	73.97 2.95 -10.88	89.60 2.57 -28.49	114.97 5.09 -23.51	120.03 5.63 -27.77	89.51 3.86 -12.84	81.40 3.57 -9.23	54.02 2.72 0.00	51.69 2.51 0.00	50.21 2.57 0.00	49.10 2.47 0.00	49.63 2.63 0.00	53.29 2.83 -0.88	58.38 2.99 0.00	71.43 3.52 -0.21	84.73 4.18 -3.11	71.76 3.61 0.00	64.23 3.23 0.00	57.76 2.75 0.00	52.39 2.82 -0.02	49.18 2.61 0.00
BARRETT_IC_4 23707	79.77 3.03 -14.92	74.55 3.15 -8.46	72.25 3.15 -8.55	69.08 2.92 -6.55	73.97 2.95 -10.88	89.60 2.57 -28.49	114.97 5.09 -23.51	120.03 5.63 -27.77	89.51 3.86 -12.84	81.40 3.57 -9.23	54.02 2.72 0.00	51.69 2.51 0.00	50.21 2.57 0.00	49.10 2.47 0.00	49.63 2.63 0.00	53.29 2.83 -0.88	58.38 2.99 0.00	71.43 3.52 -0.21	84.73 4.18 -3.11	71.76 3.61 0.00	64.23 3.23 0.00	57.76 2.75 0.00	52.39 2.82 -0.02	49.18 2.61 0.00

BARRETT_IC_5 23708	79.77 3.03 -14.92	74.55 3.15 -8.46	72.25 3.15 -8.55	69.08 2.92 -6.55	73.97 2.95 -10.88	89.60 2.57 -28.49	114.97 5.09 -23.51	120.03 5.63 -27.77	89.51 3.86 -12.84	81.40 3.57 -9.23	54.02 2.72 0.00	51.69 2.51 0.00	50.21 2.57 0.00	49.10 2.47 0.00	49.63 2.63 0.00	53.29 2.83 -0.88	58.38 2.99 0.00	71.43 3.52 -0.21	84.73 4.18 -3.11	71.76 3.61 0.00	64.23 3.23 0.00	57.76 2.75 0.00	52.39 2.82 -0.02	49.18 2.61 0.00
BARRETT_IC_6 23709	79.77 3.03 -14.92	74.55 3.15 -8.46	72.25 3.15 -8.55	69.08 2.92 -6.55	73.97 2.95 -10.88	89.60 2.57 -28.49	114.97 5.09 -23.51	120.03 5.63 -27.77	89.51 3.86 -12.84	81.40 3.57 -9.23	54.02 2.72 0.00	51.69 2.51 0.00	50.21 2.57 0.00	49.10 2.47 0.00	49.63 2.63 0.00	53.29 2.83 -0.88	58.38 2.99 0.00	71.43 3.52 -0.21	84.73 4.18 -3.11	71.76 3.61 0.00	64.23 3.23 0.00	57.76 2.75 0.00	52.39 2.82 -0.02	49.18 2.61 0.00
BARRETT_IC_7 23710	79.76 3.03 -14.92	74.61 3.21 -8.45	72.25 3.15 -8.54	69.14 2.98 -6.54	74.02 3.01 -10.87	89.59 2.58 -28.48	114.87 5.01 -23.50	120.02 5.63 -27.76	89.37 3.71 -12.84	81.33 3.50 -9.23	54.08 2.77 0.00	51.69 2.51 0.00	50.26 2.62 0.00	49.06 2.42 0.00	49.58 2.58 0.00	53.29 2.83 -0.87	58.39 2.99 0.00	71.43 3.52 -0.21	84.87 4.34 -3.11	71.83 3.68 0.00	64.17 3.17 0.00	57.92 2.92 0.00	52.37 2.82 0.00	49.09 2.51 0.00
BARRETT_IC_8 23711	79.77 3.03 -14.92	74.55 3.15 -8.46	72.25 3.15 -8.55	69.08 2.92 -6.55	73.97 2.95 -10.88	89.60 2.57 -28.49	114.97 5.09 -23.51	120.03 5.63 -27.77	89.51 3.86 -12.84	81.40 3.57 -9.23	54.02 2.72 0.00	51.69 2.51 0.00	50.21 2.57 0.00	49.10 2.47 0.00	49.63 2.63 0.00	53.29 2.83 -0.88	58.38 2.99 0.00	71.43 3.52 -0.21	84.73 4.18 -3.11	71.76 3.61 0.00	64.23 3.23 0.00	57.76 2.75 0.00	52.39 2.82 -0.02	49.18 2.61 0.00
BARRETT_IC_9 23700	79.77 3.03 -14.92	74.55 3.15 -8.46	72.25 3.15 -8.55	69.08 2.92 -6.55	73.97 2.95 -10.88	89.60 2.57 -28.49	114.97 5.09 -23.51	120.03 5.63 -27.77	89.51 3.86 -12.84	81.40 3.57 -9.23	54.02 2.72 0.00	51.69 2.51 0.00	50.21 2.57 0.00	49.10 2.47 0.00	49.63 2.63 0.00	53.29 2.83 -0.88	58.38 2.99 0.00	71.43 3.52 -0.21	84.73 4.18 -3.11	71.76 3.61 0.00	64.23 3.23 0.00	57.76 2.75 0.00	52.39 2.82 -0.02	49.18 2.61 0.00
BARRETT___1 23545	79.77 3.03 -14.92	74.55 3.15 -8.46	72.25 3.15 -8.55	69.08 2.92 -6.55	73.97 2.95 -10.88	89.60 2.57 -28.49	114.97 5.09 -23.51	120.03 5.63 -27.77	89.51 3.86 -12.84	81.40 3.57 -9.23	54.02 2.72 0.00	51.69 2.51 0.00	50.21 2.57 0.00	49.10 2.47 0.00	49.63 2.63 0.00	53.29 2.83 -0.88	58.38 2.99 0.00	71.43 3.52 -0.21	84.73 4.18 -3.11	71.76 3.61 0.00	64.23 3.23 0.00	57.76 2.75 0.00	52.39 2.82 -0.02	49.18 2.61 0.00
BARRETT___2 23546	79.77 3.03 -14.92	74.55 3.15 -8.46	72.25 3.15 -8.55	69.08 2.92 -6.55	73.97 2.95 -10.88	89.60 2.57 -28.49	114.97 5.09 -23.51	120.03 5.63 -27.77	89.51 3.86 -12.84	81.40 3.57 -9.23	54.02 2.72 0.00	51.69 2.51 0.00	50.21 2.57 0.00	49.10 2.47 0.00	49.63 2.63 0.00	53.29 2.83 -0.88	58.38 2.99 0.00	71.43 3.52 -0.21	84.73 4.18 -3.11	71.76 3.61 0.00	64.23 3.23 0.00	57.76 2.75 0.00	52.39 2.82 -0.02	49.18 2.61 0.00
BATAVIA__115KV_TB1 55881	57.99 -3.83 0.00	58.92 -4.03 0.00	56.86 -3.69 0.00	56.27 -3.34 0.00	56.65 -3.49 0.00	56.19 -2.34 0.00	83.42 -2.94 0.00	82.99 -3.64 0.00	68.52 -4.30 0.00	64.14 -4.46 0.00	49.15 -2.15 0.00	47.60 -1.57 0.00	45.97 -1.67 0.00	45.00 -1.63 0.00	45.12 -1.88 0.00	47.31 -2.28 0.00	52.35 -3.05 0.00	64.12 -3.59 0.00	73.95 -3.48 0.00	65.02 -3.14 0.00	58.74 -2.26 0.00	52.92 -2.09 0.00	47.96 -1.59 0.00	45.17 -1.40 0.00
BAYONEEC___CTG1 323682	72.38 2.16 -8.40	65.81 2.26 -0.60	62.80 2.24 0.00	61.58 1.96 0.00	62.96 2.05 -0.77	67.42 1.87 -7.01	97.69 4.23 -7.10	102.18 4.85 -10.71	88.03 3.35 -11.86	81.04 3.29 -9.15	53.62 2.31 0.00	51.34 2.16 0.00	49.79 2.15 0.00	48.73 2.10 0.00	49.16 2.16 0.00	51.77 2.18 0.00	57.89 2.50 0.00	70.89 2.98 -0.21	74.85 3.40 5.99	71.02 2.86 0.00	63.56 2.56 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.67 2.10 0.00
BAYONEEC___CTG10 323750	72.38 2.16 -8.40	65.81 2.26 -0.60	62.80 2.24 0.00	61.58 1.96 0.00	62.96 2.05 -0.77	67.42 1.87 -7.01	97.69 4.23 -7.10	102.18 4.85 -10.71	88.03 3.35 -11.86	81.04 3.29 -9.15	53.62 2.31 0.00	51.34 2.16 0.00	49.79 2.15 0.00	48.73 2.10 0.00	49.16 2.16 0.00	51.77 2.18 0.00	57.89 2.50 0.00	70.89 2.98 -0.21	74.85 3.40 5.99	71.02 2.86 0.00	63.56 2.56 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.67 2.10 0.00
BAYONEEC___CTG2 323683	72.38 2.16 -8.40	65.81 2.26 -0.60	62.80 2.24 0.00	61.58 1.96 0.00	62.96 2.05 -0.77	67.42 1.87 -7.01	97.69 4.23 -7.10	102.18 4.85 -10.71	88.03 3.35 -11.86	81.04 3.29 -9.15	53.62 2.31 0.00	51.34 2.16 0.00	49.79 2.15 0.00	48.73 2.10 0.00	49.16 2.16 0.00	51.77 2.18 0.00	57.89 2.50 0.00	70.89 2.98 -0.21	74.85 3.40 5.99	71.02 2.86 0.00	63.56 2.56 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.67 2.10 0.00
BAYONEEC___CTG3 323684	72.38 2.16 -8.40	65.81 2.26 -0.60	62.80 2.24 0.00	61.58 1.96 0.00	62.96 2.05 -0.77	67.42 1.87 -7.01	97.69 4.23 -7.10	102.18 4.85 -10.71	88.03 3.35 -11.86	81.04 3.29 -9.15	53.62 2.31 0.00	51.34 2.16 0.00	49.79 2.15 0.00	48.73 2.10 0.00	49.16 2.16 0.00	51.77 2.18 0.00	57.89 2.50 0.00	70.89 2.98 -0.21	74.85 3.40 5.99	71.02 2.86 0.00	63.56 2.56 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.67 2.10 0.00
BAYONEEC___CTG4 323685	72.38 2.16 -8.40	65.81 2.26 -0.60	62.80 2.24 0.00	61.58 1.96 0.00	62.96 2.05 -0.77	67.42 1.87 -7.01	97.69 4.23 -7.10	102.18 4.85 -10.71	88.03 3.35 -11.86	81.04 3.29 -9.15	53.62 2.31 0.00	51.34 2.16 0.00	49.79 2.15 0.00	48.73 2.10 0.00	49.16 2.16 0.00	51.77 2.18 0.00	57.89 2.50 0.00	70.89 2.98 -0.21	74.85 3.40 5.99	71.02 2.86 0.00	63.56 2.56 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.67 2.10 0.00
BAYONEEC___CTG5 323686	72.38 2.16 -8.40	65.81 2.26 -0.60	62.80 2.24 0.00	61.58 1.96 0.00	62.96 2.05 -0.77	67.42 1.87 -7.01	97.69 4.23 -7.10	102.18 4.85 -10.71	88.03 3.35 -11.86	81.04 3.29 -9.15	53.62 2.31 0.00	51.34 2.16 0.00	49.79 2.15 0.00	48.73 2.10 0.00	49.16 2.16 0.00	51.77 2.18 0.00	57.89 2.50 0.00	70.89 2.98 -0.21	74.85 3.40 5.99	71.02 2.86 0.00	63.56 2.56 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.67 2.10 0.00
BAYONEEC___CTG6 323687	72.38 2.16 -8.40	65.81 2.26 -0.60	62.80 2.24 0.00	61.58 1.96 0.00	62.96 2.05 -0.77	67.42 1.87 -7.01	97.69 4.23 -7.10	102.18 4.85 -10.71	88.03 3.35 -11.86	81.04 3.29 -9.15	53.62 2.31 0.00	51.34 2.16 0.00	49.79 2.15 0.00	48.73 2.10 0.00	49.16 2.16 0.00	51.77 2.18 0.00	57.89 2.50 0.00	70.89 2.98 -0.21	74.85 3.40 5.99	71.02 2.86 0.00	63.56 2.56 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.67 2.10 0.00

BAYONEEC___CTG7 323688	72.38 2.16 -8.40	65.81 2.26 -0.60	62.80 2.24 0.00	61.58 1.96 0.00	62.96 2.05 -0.77	67.42 1.87 -7.01	97.69 4.23 -7.10	102.18 4.85 -10.71	88.03 3.35 -11.86	81.04 3.29 -9.15	53.62 2.31 0.00	51.34 2.16 0.00	49.79 2.15 0.00	48.73 2.10 0.00	49.16 2.16 0.00	51.77 2.18 0.00	57.89 2.50 0.00	70.89 2.98 -0.21	74.85 3.40 5.99	71.02 2.86 0.00	63.56 2.56 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.67 2.10 0.00
BAYONEEC___CTG8 323689	72.38 2.16 -8.40	65.81 2.26 -0.60	62.80 2.24 0.00	61.58 1.96 0.00	62.96 2.05 -0.77	67.42 1.87 -7.01	97.69 4.23 -7.10	102.18 4.85 -10.71	88.03 3.35 -11.86	81.04 3.29 -9.15	53.62 2.31 0.00	51.34 2.16 0.00	49.79 2.15 0.00	48.73 2.10 0.00	49.16 2.16 0.00	51.77 2.18 0.00	57.89 2.50 0.00	70.89 2.98 -0.21	74.85 3.40 5.99	71.02 2.86 0.00	63.56 2.56 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.67 2.10 0.00
BAYONEEC___CTG9 323749	72.38 2.16 -8.40	65.81 2.26 -0.60	62.80 2.24 0.00	61.58 1.96 0.00	62.96 2.05 -0.77	67.42 1.87 -7.01	97.69 4.23 -7.10	102.18 4.85 -10.71	88.03 3.35 -11.86	81.04 3.29 -9.15	53.62 2.31 0.00	51.34 2.16 0.00	49.79 2.15 0.00	48.73 2.10 0.00	49.16 2.16 0.00	51.77 2.18 0.00	57.89 2.50 0.00	70.89 2.98 -0.21	74.85 3.40 5.99	71.02 2.86 0.00	63.56 2.56 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.67 2.10 0.00
BEACON___LESR 323632	95.29 2.97 -30.51	66.10 3.15 0.00	63.58 3.03 0.00	62.59 2.98 0.00	67.27 2.95 -4.19	99.36 2.87 -37.95	129.31 4.49 -38.46	135.95 4.50 -44.83	91.33 3.42 -15.09	72.10 3.50 0.00	53.46 2.15 0.00	51.09 1.92 0.00	49.41 1.76 0.00	48.40 1.77 0.00	48.88 1.88 0.00	51.67 2.08 0.00	58.00 2.60 0.00	71.97 3.12 -1.15	80.92 3.49 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.49 2.48 0.00	51.68 2.13 0.00	48.62 2.05 0.00
BEAVER RIVER___HYD 24048	65.40 3.58 0.00	66.60 3.65 0.00	64.06 3.51 0.00	63.31 3.70 0.00	63.45 3.31 0.00	61.69 3.16 0.00	88.43 2.07 0.00	89.83 3.21 0.00	74.50 1.68 0.00	70.32 1.72 0.00	54.13 2.82 0.00	51.69 2.51 0.00	50.02 2.38 0.00	48.87 2.24 0.00	49.21 2.21 0.00	51.92 2.33 0.00	57.17 1.77 0.00	70.21 2.51 0.00	80.37 2.94 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.37 2.36 0.00	52.22 2.67 0.00	48.99 2.42 0.00
BEEBEE_GT_13 23619	58.29 -3.52 0.00	59.24 -3.71 0.00	57.10 -3.45 0.00	56.39 -3.22 0.00	56.77 -3.37 0.00	56.02 -2.52 0.00	82.99 -3.37 0.00	82.90 -3.72 0.00	68.89 -3.93 0.00	64.62 -3.98 0.00	49.15 -2.15 0.00	47.46 -1.72 0.00	45.88 -1.76 0.00	44.91 -1.73 0.00	45.12 -1.88 0.00	47.36 -2.23 0.00	52.51 -2.88 0.00	64.32 -3.39 0.00	73.87 -3.56 0.00	64.88 -3.27 0.00	58.43 -2.56 0.00	52.70 -2.31 0.00	47.62 -1.93 0.00	44.80 -1.77 0.00
BENSHRST_27_KV_BENSHRST_1 355998	73.49 3.28 -8.40	66.89 3.34 -0.61	63.77 3.21 -0.01	62.54 2.92 -0.01	63.99 3.07 -0.78	68.42 2.87 -7.02	99.17 5.70 -7.11	103.75 6.41 -10.71	90.14 4.59 -12.74	82.37 4.53 -9.24	171.49 3.28 -116.90	169.18 3.10 -116.90	68.80 3.05 -18.11	136.30 2.98 -86.68	65.56 3.05 -15.51	98.04 3.12 -45.32	104.98 3.55 -46.04	269.38 4.33 -197.34	308.82 5.11 -226.28	232.12 4.36 -159.61	215.10 3.84 -150.27	171.11 3.41 -112.69	63.73 3.12 -11.06	63.60 2.79 -14.23
BETHLEHEM___GRP 23843	94.07 2.29 -29.96	65.34 2.39 0.00	62.92 2.36 0.00	61.88 2.27 0.00	66.48 2.23 -4.11	97.92 2.11 -37.27	127.50 3.37 -37.77	134.11 3.47 -44.02	90.18 2.55 -14.81	71.28 2.68 0.00	52.90 1.59 0.00	50.60 1.43 0.00	49.02 1.38 0.00	47.94 1.31 0.00	48.41 1.41 0.00	51.13 1.54 0.00	57.33 1.94 0.00	71.06 2.23 -1.12	79.99 2.56 0.00	70.40 2.25 0.00	62.89 1.89 0.00	56.77 1.76 0.00	51.09 1.54 0.00	48.11 1.54 0.00
BETHLEHEM___GS1 323560	94.07 2.29 -29.96	65.34 2.39 0.00	62.85 2.30 0.00	61.88 2.26 0.00	66.48 2.23 -4.11	97.91 2.10 -37.27	127.59 3.46 -37.77	134.20 3.55 -44.02	90.25 2.62 -14.81	71.27 2.67 0.00	52.90 1.59 0.00	50.61 1.43 0.00	48.97 1.33 0.00	47.93 1.30 0.00	48.40 1.41 0.00	51.13 1.54 0.00	57.33 1.94 0.00	71.06 2.23 -1.12	79.91 2.48 0.00	70.40 2.25 0.00	62.89 1.89 0.00	56.77 1.76 0.00	51.14 1.59 0.00	48.11 1.53 0.00
BETHLEHEM___GS2 323561	94.07 2.29 -29.96	65.34 2.39 0.00	62.85 2.30 0.00	61.88 2.26 0.00	66.48 2.23 -4.11	97.91 2.10 -37.27	127.59 3.46 -37.77	134.20 3.55 -44.02	90.25 2.62 -14.81	71.27 2.67 0.00	52.90 1.59 0.00	50.61 1.43 0.00	48.97 1.33 0.00	47.93 1.30 0.00	48.40 1.41 0.00	51.13 1.54 0.00	57.33 1.94 0.00	71.06 2.23 -1.12	79.91 2.48 0.00	70.40 2.25 0.00	62.89 1.89 0.00	56.77 1.76 0.00	51.14 1.59 0.00	48.11 1.53 0.00
BETHLEHEM___GS3 323562	94.07 2.29 -29.96	65.34 2.39 0.00	62.85 2.30 0.00	61.88 2.26 0.00	66.48 2.23 -4.11	97.91 2.10 -37.27	127.59 3.46 -37.77	134.20 3.55 -44.02	90.25 2.62 -14.81	71.27 2.67 0.00	52.90 1.59 0.00	50.61 1.43 0.00	48.97 1.33 0.00	47.93 1.30 0.00	48.40 1.41 0.00	51.13 1.54 0.00	57.33 1.94 0.00	71.06 2.23 -1.12	79.91 2.48 0.00	70.40 2.25 0.00	62.89 1.89 0.00	56.77 1.76 0.00	51.14 1.59 0.00	48.11 1.53 0.00
BETHLEHEM___STEEL 23779	57.86 -3.96 0.00	58.73 -4.22 0.00	56.50 -4.06 0.00	56.03 -3.58 0.00	56.41 -3.73 0.00	56.02 -2.52 0.00	83.08 -3.28 0.00	82.21 -4.42 0.00	68.01 -4.81 0.00	63.80 -4.80 0.00	48.95 -2.36 0.00	47.51 -1.67 0.00	45.88 -1.76 0.00	45.05 -1.59 0.00	45.21 -1.79 0.00	47.36 -2.23 0.00	52.24 -3.16 0.00	63.71 -3.99 0.00	73.48 -3.95 0.00	64.61 -3.54 0.00	58.50 -2.50 0.00	52.75 -2.26 0.00	48.01 -1.54 0.00	45.27 -1.30 0.00
BETHLHEM_115KV_TB1 79974	92.55 2.16 -28.57	65.22 2.27 0.00	62.79 2.24 0.00	61.76 2.15 0.00	66.23 2.17 -3.92	96.07 1.99 -35.54	125.66 3.28 -36.02	131.98 3.38 -41.98	84.22 2.04 -9.36	70.66 2.06 0.00	52.59 1.28 0.00	50.31 1.13 0.00	48.74 1.10 0.00	47.70 1.07 0.00	48.12 1.13 0.00	50.83 1.24 0.00	56.89 1.50 0.00	70.17 1.76 -0.71	79.45 2.01 0.00	69.93 1.77 0.00	62.58 1.59 0.00	56.44 1.43 0.00	50.79 1.24 0.00	47.78 1.21 0.00
BETHPAGE_CC_5 323564	80.02 3.27 -14.92	74.80 3.40 -8.46	72.37 3.27 -8.55	69.26 3.10 -6.55	74.21 3.19 -10.88	90.06 3.04 -28.49	115.57 5.70 -23.51	120.55 6.15 -27.77	89.95 4.30 -12.84	81.60 3.77 -9.23	54.23 2.92 0.00	51.83 2.65 0.00	50.36 2.71 0.00	49.24 2.61 0.00	49.77 2.77 0.00	53.59 3.13 -0.88	58.55 3.16 0.00	71.70 3.79 -0.21	85.27 4.72 -3.11	72.04 3.88 0.00	64.47 3.48 0.00	57.87 2.86 0.00	52.63 3.07 -0.01	49.41 2.84 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	58.05 -3.77 0.00	58.98 -3.97 0.00	56.74 -3.81 0.00	56.21 -3.40 0.00	56.59 -3.55 0.00	56.19 -2.34 0.00	83.42 -2.94 0.00	82.55 -4.07 0.00	68.23 -4.59 0.00	64.07 -4.53 0.00	49.10 -2.21 0.00	47.65 -1.52 0.00	46.02 -1.62 0.00	45.18 -1.45 0.00	45.40 -1.60 0.00	47.56 -2.03 0.00	52.46 -2.94 0.00	63.98 -3.72 0.00	73.72 -3.72 0.00	64.88 -3.27 0.00	58.68 -2.32 0.00	52.92 -2.09 0.00	48.11 -1.44 0.00	45.36 -1.21 0.00

BINGHAMTON___COGEN 23790	63.63 -0.74 -2.56	62.19 -0.76 0.00	59.77 -0.79 0.00	58.96 -0.66 0.00	59.83 -0.66 -0.35	61.48 -0.23 -3.18	89.75 0.17 -3.22	90.38 0.00 -3.76	73.33 -0.73 -1.24	67.78 -0.82 0.00	51.00 -0.31 0.00	49.03 -0.15 0.00	47.45 -0.19 0.00	46.40 -0.23 0.00	46.71 -0.28 0.00	49.19 -0.40 0.00	54.90 -0.50 0.00	67.32 -0.47 -0.09	77.12 -0.31 0.00	67.88 -0.27 0.00	60.81 -0.18 0.00	54.84 -0.17 0.00	49.35 -0.20 0.00	46.39 -0.19 0.00
BIXINCNT_115KV_LOAD 355685	59.48 -3.71 -1.37	58.86 -4.09 0.00	56.74 -3.81 0.00	56.21 -3.40 0.00	56.78 -3.55 -0.19	57.95 -2.28 -1.70	85.58 -2.50 -1.72	84.91 -3.72 -2.01	68.90 -4.59 -0.66	64.01 -4.60 0.00	48.95 -2.36 0.00	47.60 -1.57 0.00	46.02 -1.62 0.00	45.32 -1.31 0.00	45.63 -1.36 0.00	47.85 -1.74 0.00	52.74 -2.66 0.00	64.23 -3.52 -0.05	73.56 -3.87 0.00	64.41 -3.75 0.00	58.01 -2.99 0.00	52.26 -2.75 0.00	47.52 -2.03 0.00	44.62 -1.96 0.00
BLACK RIVER___HYD 24047	65.28 3.46 0.00	66.47 3.52 0.00	63.94 3.39 0.00	63.19 3.58 0.00	63.45 3.31 0.00	61.93 3.39 0.00	89.99 3.63 0.00	90.96 4.33 0.00	75.08 2.26 0.00	70.32 1.72 0.00	53.72 2.41 0.00	51.20 2.02 0.00	49.55 1.91 0.00	48.31 1.68 0.00	48.64 1.64 0.00	51.42 1.84 0.00	57.00 1.61 0.00	70.28 2.57 0.00	80.68 3.25 0.00	71.76 3.61 0.00	64.11 3.11 0.00	57.70 2.69 0.00	52.13 2.57 0.00	48.81 2.24 0.00
BLACKRVR_115KV_TB2 79977	65.28 3.46 0.00	66.41 3.46 0.00	63.88 3.33 0.00	63.19 3.58 0.00	63.39 3.25 0.00	61.93 3.40 0.00	89.99 3.63 0.00	90.87 4.24 0.00	76.75 3.93 0.00	71.28 2.68 0.00	53.72 2.41 0.00	51.19 2.02 0.00	49.50 1.86 0.00	48.31 1.68 0.00	48.64 1.64 0.00	51.42 1.83 0.00	57.00 1.61 0.00	70.28 2.57 0.00	79.06 1.63 0.00	71.77 3.61 0.00	64.11 3.11 0.00	57.70 2.70 0.00	52.18 2.63 0.00	48.81 2.24 0.00
BLISS_WT_PWR 323608	59.41 -3.77 -1.37	58.79 -4.16 0.00	56.68 -3.88 0.00	56.15 -3.46 0.00	56.78 -3.55 -0.19	57.84 -2.40 -1.70	85.58 -2.51 -1.72	84.91 -3.72 -2.01	69.04 -4.44 -0.66	63.93 -4.67 0.00	48.74 -2.56 0.00	47.41 -1.77 0.00	45.97 -1.67 0.00	45.18 -1.45 0.00	45.54 -1.46 0.00	47.75 -1.83 0.00	52.57 -2.82 0.00	63.96 -3.79 -0.05	72.86 -4.57 0.00	63.99 -4.16 0.00	57.52 -3.47 0.00	51.82 -3.19 0.00	46.92 -2.63 0.00	44.10 -2.47 0.00
BLUESTONE___WT_PWR 323821	69.40 2.97 -4.62	66.03 3.08 0.00	63.52 2.97 0.00	62.77 3.16 0.00	63.90 3.13 -0.63	67.85 3.57 -5.74	98.48 6.30 -5.82	99.73 6.32 -6.78	79.36 4.30 -2.25	71.96 3.36 0.00	53.97 2.67 0.00	51.69 2.51 0.00	50.07 2.43 0.00	48.87 2.24 0.00	49.06 2.07 0.00	51.82 2.23 0.00	58.11 2.71 0.00	71.53 3.65 -0.17	81.77 4.33 0.00	72.04 3.88 0.00	64.35 3.35 0.00	57.81 2.80 0.00	51.93 2.38 0.00	48.57 2.00 0.00
BLUE_CIRC_CHEM_DRP 24182	86.69 2.23 -22.65	65.41 2.46 0.00	62.98 2.42 0.00	61.94 2.32 0.00	65.53 2.29 -3.11	88.82 2.11 -28.18	118.11 3.20 -28.55	123.11 3.21 -33.28	85.58 2.18 -10.57	70.87 2.26 0.00	52.64 1.33 0.00	50.36 1.18 0.00	48.78 1.14 0.00	47.75 1.12 0.00	48.17 1.17 0.00	50.93 1.34 0.00	57.11 1.72 0.00	70.47 1.96 -0.80	79.76 2.32 0.00	70.27 2.11 0.00	62.83 1.83 0.00	56.71 1.71 0.00	51.04 1.49 0.00	48.06 1.49 0.00
BOC_GAS_DRP 24189	84.20 1.55 -20.84	64.65 1.70 0.00	62.19 1.63 0.00	61.16 1.55 0.00	64.56 1.56 -2.86	85.87 1.40 -25.93	115.05 2.42 -26.27	119.84 2.60 -30.62	83.92 1.75 -9.36	70.45 1.85 0.00	52.43 1.13 0.00	50.16 0.98 0.00	48.64 1.00 0.00	47.56 0.93 0.00	48.03 1.03 0.00	50.68 1.09 0.00	56.72 1.33 0.00	69.90 1.49 -0.71	79.21 1.78 0.00	69.72 1.57 0.00	62.34 1.34 0.00	56.22 1.21 0.00	50.64 1.09 0.00	47.60 1.02 0.00
BOONVILLE_115KV_TB1 79983	64.17 2.35 0.00	65.34 2.39 0.00	62.85 2.30 0.00	62.06 2.44 0.00	62.43 2.29 0.00	60.88 2.34 0.00	89.21 2.85 0.00	91.48 4.85 0.00	77.33 4.51 0.00	72.24 3.64 0.00	54.28 2.98 0.00	51.79 2.61 0.00	50.17 2.53 0.00	49.01 2.38 0.00	49.25 2.26 0.00	52.02 2.43 0.00	57.06 1.66 0.00	70.01 2.30 0.00	79.29 1.86 0.00	70.74 2.59 0.00	63.19 2.20 0.00	56.93 1.93 0.00	51.38 1.83 0.00	48.16 1.58 0.00
BORALEX_4TH_BRANCH 23824	105.48 3.46 -40.20	66.48 3.53 0.00	63.94 3.39 0.00	62.95 3.34 0.00	69.03 3.37 -5.52	111.77 3.22 -50.01	142.40 5.35 -50.68	151.32 5.63 -59.07	96.91 4.30 -19.80	72.79 4.18 0.00	53.72 2.41 0.00	51.34 2.16 0.00	49.79 2.14 0.00	48.68 2.05 0.00	49.21 2.21 0.00	51.97 2.38 0.00	58.50 3.10 0.00	72.93 3.72 -1.50	81.61 4.18 0.00	71.77 3.61 0.00	64.23 3.23 0.00	57.98 2.97 0.00	52.03 2.48 0.00	48.99 2.42 0.00
BOWLINE___1 23526	63.74 1.11 -0.81	63.15 1.19 0.99	61.70 1.15 0.00	60.69 1.07 0.00	61.96 1.08 -0.74	66.29 1.05 -6.69	95.82 2.68 -6.78	93.63 3.11 -3.89	60.80 1.97 13.98	55.47 1.99 15.12	52.64 1.33 0.00	50.41 1.23 0.00	48.93 1.29 0.00	47.93 1.30 0.00	48.36 1.36 0.00	50.88 1.29 0.00	56.89 1.50 0.00	69.73 1.83 -0.20	79.52 2.09 0.00	69.92 1.77 0.00	62.52 1.53 0.00	56.49 1.49 0.00	51.09 1.54 0.00	48.02 1.45 0.00
BOWLINE___2 23595	63.80 1.17 -0.81	63.15 1.19 0.99	61.70 1.15 0.00	60.69 1.07 0.00	62.02 1.14 -0.74	66.29 1.05 -6.70	95.82 2.68 -6.79	93.63 3.11 -3.89	60.87 2.04 13.99	55.53 2.06 15.12	52.69 1.39 0.00	50.41 1.23 0.00	48.93 1.29 0.00	47.93 1.30 0.00	48.36 1.36 0.00	50.93 1.34 0.00	56.89 1.50 0.00	69.73 1.83 -0.20	79.60 2.17 0.00	69.92 1.77 0.00	62.58 1.58 0.00	56.49 1.49 0.00	51.09 1.54 0.00	47.97 1.40 0.00
BRADY___115KV_TB2 356060	71.89 10.08 0.00	73.15 10.20 0.00	70.48 9.93 0.00	69.92 10.31 0.00	69.52 9.38 0.00	66.91 8.37 0.00	89.81 3.45 0.00	90.09 3.47 0.00	81.12 8.30 0.00	75.67 7.07 0.00	58.08 6.77 0.00	55.62 6.44 0.00	53.69 6.05 0.00	52.51 5.88 0.00	52.87 5.87 0.00	55.49 5.90 0.00	60.77 5.37 0.00	74.75 7.04 0.00	78.28 0.85 0.00	75.79 7.63 0.00	67.71 6.71 0.00	61.33 6.33 0.00	56.88 7.33 0.00	53.70 7.13 0.00
BRANSCOMB___SOLAR 323811	119.03 4.33 -52.88	67.29 4.34 0.00	64.79 4.24 0.00	63.72 4.11 0.00	71.67 4.27 -7.26	128.48 4.16 -65.79	159.42 6.39 -66.67	170.91 6.58 -77.70	103.99 5.17 -26.00	73.54 4.94 0.00	54.33 3.03 0.00	51.88 2.70 0.00	50.12 2.48 0.00	49.05 2.42 0.00	49.53 2.54 0.00	52.51 2.93 0.00	59.11 3.71 0.00	74.35 4.67 -1.97	82.62 5.19 0.00	72.79 4.64 0.00	64.90 3.91 0.00	58.64 3.63 0.00	52.67 3.12 0.00	49.41 2.84 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	81.06 4.33 -14.92	75.87 4.47 -8.45	73.40 4.30 -8.54	70.21 4.05 -6.54	75.29 4.27 -10.87	91.23 4.21 -28.48	117.20 7.34 -23.50	122.27 7.88 -27.76	91.12 5.46 -12.84	82.29 4.46 -9.23	54.74 3.44 0.00	52.18 3.00 0.00	50.79 3.14 0.00	49.47 2.84 0.00	50.14 3.15 0.00	54.13 3.67 -0.87	59.38 3.99 0.00	72.92 5.01 -0.21	86.81 6.27 -3.11	73.33 5.18 0.00	65.51 4.51 0.00	58.80 3.80 0.00	53.17 3.62 0.00	49.83 3.26 0.00

BRISTLHL_115KV_TB1 79998	60.89 -0.93 0.00	62.01 -0.94 0.00	59.59 -0.97 0.00	58.72 -0.89 0.00	59.18 -0.96 0.00	58.01 -0.53 0.00	85.93 -0.43 0.00	86.19 -0.43 0.00	72.02 -0.80 0.00	67.50 -1.10 0.00	50.74 -0.56 0.00	48.74 -0.44 0.00	47.12 -0.52 0.00	46.07 -0.56 0.00	46.24 -0.75 0.00	48.80 -0.79 0.00	54.51 -0.89 0.00	66.82 -0.88 0.00	76.58 -0.85 0.00	67.54 -0.61 0.00	60.51 -0.49 0.00	54.62 -0.39 0.00	49.01 -0.55 0.00	45.97 -0.61 0.00
BROOKHAVEN___DRP 24191	81.12 4.39 -14.92	75.81 4.41 -8.45	73.27 4.18 -8.54	70.15 3.99 -6.54	75.16 4.15 -10.87	91.11 4.10 -28.48	117.03 7.17 -23.50	122.01 7.62 -27.76	90.75 5.10 -12.84	81.95 4.12 -9.23	54.49 3.18 0.00	51.88 2.70 0.00	50.50 2.86 0.00	49.20 2.56 0.00	49.91 2.91 0.00	53.88 3.42 -0.87	59.05 3.66 0.00	72.65 4.74 -0.21	86.58 6.04 -3.11	73.06 4.91 0.00	65.21 4.21 0.00	58.58 3.58 0.00	52.97 3.42 0.00	49.65 3.07 0.00
BROOKLYN_NAVY_YARD 23515	72.32 2.10 -8.40	65.81 2.26 -0.60	62.80 2.24 0.00	61.58 1.96 0.00	62.90 1.98 -0.77	67.42 1.87 -7.01	97.78 4.32 -7.10	102.35 5.02 -10.71	89.06 3.50 -12.75	81.25 3.50 -9.15	53.77 2.46 0.00	51.49 2.31 0.00	49.93 2.29 0.00	48.87 2.24 0.00	49.30 2.30 0.00	51.92 2.33 0.00	58.05 2.66 0.00	71.09 3.18 -0.21	81.07 3.64 0.00	71.22 3.07 0.00	63.74 2.75 0.00	57.49 2.48 0.00	51.93 2.38 0.00	48.72 2.14 0.00
BROOKLYN___ARMY_DRP 323595	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.38 4.72 -229.22	231.71 3.95 -159.61	215.49 3.48 -151.02	171.15 3.14 -113.01	63.49 2.87 -11.06	63.41 2.61 -14.23
BROOKVLE_69_KV_TB1 55790	80.44 3.71 -14.92	75.18 3.78 -8.45	72.73 3.63 -8.54	69.61 3.46 -6.54	74.56 3.55 -10.87	90.41 3.40 -28.48	116.08 6.22 -23.50	121.23 6.84 -27.76	90.39 4.73 -12.84	82.08 4.25 -9.23	54.59 3.28 0.00	52.13 2.95 0.00	50.74 3.10 0.00	49.47 2.84 0.00	50.05 3.05 0.00	53.88 3.42 -0.87	59.05 3.66 0.00	72.45 4.54 -0.21	86.04 5.50 -3.11	72.72 4.57 0.00	64.96 3.96 0.00	58.47 3.47 0.00	52.82 3.27 0.00	49.46 2.89 0.00
BROOME_2_LFGE 323671	63.70 -0.68 -2.56	62.20 -0.75 0.00	59.77 -0.79 0.00	58.96 -0.65 0.00	59.83 -0.66 -0.35	61.54 -0.18 -3.18	89.84 0.26 -3.22	90.47 0.09 -3.76	73.47 -0.59 -1.24	67.85 -0.75 0.00	51.00 -0.31 0.00	49.03 -0.15 0.00	47.45 -0.19 0.00	46.40 -0.23 0.00	46.72 -0.28 0.00	49.19 -0.40 0.00	54.90 -0.50 0.00	67.33 -0.47 -0.09	77.05 -0.39 0.00	67.88 -0.27 0.00	60.81 -0.18 0.00	54.84 -0.16 0.00	49.30 -0.25 0.00	46.39 -0.19 0.00
BROOME___LFGE 323600	63.70 -0.68 -2.56	62.20 -0.75 0.00	59.77 -0.79 0.00	58.96 -0.65 0.00	59.83 -0.66 -0.35	61.54 -0.18 -3.18	89.84 0.26 -3.22	90.47 0.09 -3.76	73.47 -0.59 -1.24	67.85 -0.75 0.00	51.00 -0.31 0.00	49.03 -0.15 0.00	47.45 -0.19 0.00	46.40 -0.23 0.00	46.72 -0.28 0.00	49.19 -0.40 0.00	54.90 -0.50 0.00	67.33 -0.47 -0.09	77.05 -0.39 0.00	67.88 -0.27 0.00	60.81 -0.18 0.00	54.84 -0.16 0.00	49.30 -0.25 0.00	46.39 -0.19 0.00
BROWNFLS_115KV_TB_3_5 80003	67.20 5.38 0.00	68.36 5.41 0.00	65.76 5.21 0.00	65.04 5.42 0.00	64.95 4.81 0.00	62.75 4.21 0.00	86.96 0.60 0.00	88.01 1.39 0.00	77.63 4.81 0.00	72.65 4.05 0.00	55.26 3.95 0.00	52.97 3.79 0.00	51.21 3.57 0.00	50.08 3.45 0.00	50.38 3.38 0.00	52.96 3.37 0.00	58.00 2.60 0.00	71.09 3.39 0.00	76.50 -0.93 0.00	71.77 3.61 0.00	64.17 3.17 0.00	58.03 3.03 0.00	53.37 3.82 0.00	50.30 3.73 0.00
BROWNSV1_27_KV_LOAD 356125	72.93 2.72 -8.40	66.38 2.83 -0.60	63.34 2.79 0.00	62.12 2.50 0.00	63.50 2.59 -0.77	67.94 2.40 -7.01	98.47 5.01 -7.10	102.96 5.63 -10.71	89.57 4.01 -12.75	81.66 3.91 -9.15	54.08 2.77 0.00	51.79 2.61 0.00	50.21 2.57 0.00	49.15 2.52 0.00	49.58 2.58 0.00	52.22 2.63 0.00	58.39 2.99 0.00	71.57 3.66 -0.21	81.77 4.34 0.00	71.77 3.61 0.00	64.17 3.17 0.00	57.81 2.81 0.00	52.13 2.58 0.00	48.85 2.28 0.00
BURROWS___LYONSDAL 23803	64.35 2.53 0.00	65.53 2.58 0.00	63.04 2.48 0.00	62.23 2.62 0.00	62.61 2.47 0.00	60.99 2.46 0.00	88.95 2.59 0.00	91.04 4.42 0.00	77.19 4.37 0.00	72.10 3.50 0.00	54.18 2.87 0.00	51.69 2.51 0.00	50.07 2.43 0.00	48.92 2.28 0.00	49.21 2.21 0.00	51.92 2.33 0.00	57.00 1.61 0.00	70.01 2.30 0.00	78.98 1.55 0.00	70.81 2.66 0.00	63.25 2.26 0.00	56.93 1.93 0.00	51.53 1.98 0.00	48.29 1.72 0.00
CAITHNESS_CC_1 323624	80.88 4.14 -14.92	75.62 4.22 -8.46	73.16 4.06 -8.55	69.98 3.82 -6.55	74.99 3.97 -10.88	91.01 3.98 -28.49	116.86 6.99 -23.51	121.85 7.45 -27.77	90.75 5.10 -12.84	81.88 4.05 -9.23	54.33 3.03 0.00	51.83 2.65 0.00	50.40 2.76 0.00	49.24 2.61 0.00	49.82 2.82 0.00	53.84 3.37 -0.88	58.99 3.60 0.00	72.58 4.67 -0.21	86.28 5.73 -3.11	72.92 4.77 0.00	65.27 4.27 0.00	58.36 3.36 0.00	52.88 3.32 -0.01	49.69 3.12 0.00
CALPINE BETH_PAGE_GT4 24209	79.95 3.21 -14.92	74.74 3.34 -8.45	72.31 3.21 -8.54	69.19 3.04 -6.54	74.14 3.13 -10.87	90.00 2.99 -28.48	115.39 5.53 -23.50	120.37 5.98 -27.76	89.81 4.15 -12.84	81.47 3.64 -9.23	54.28 2.98 0.00	51.83 2.66 0.00	50.45 2.81 0.00	49.20 2.56 0.00	49.77 2.77 0.00	53.58 3.12 -0.87	58.44 3.05 0.00	71.63 3.72 -0.21	85.18 4.65 -3.11	71.97 3.82 0.00	64.29 3.29 0.00	57.92 2.92 0.00	52.62 3.07 0.00	49.32 2.75 0.00
CALPINE_BETH_PAGE_GT_4 323586	79.89 3.15 -14.92	74.68 3.27 -8.46	72.25 3.15 -8.55	69.14 2.98 -6.55	74.09 3.07 -10.88	89.95 2.93 -28.49	115.48 5.61 -23.51	120.46 6.06 -27.77	89.88 4.22 -12.84	81.46 3.63 -9.23	54.28 2.97 0.00	51.83 2.65 0.00	50.36 2.71 0.00	49.24 2.61 0.00	49.77 2.77 0.00	53.59 3.13 -0.88	58.44 3.04 0.00	71.63 3.72 -0.21	85.11 4.57 -3.11	71.97 3.81 0.00	64.41 3.41 0.00	57.76 2.75 0.00	52.63 3.07 -0.01	49.41 2.84 0.00
CALPINE_BP_GT1 23823	79.89 3.15 -14.92	74.68 3.27 -8.46	72.25 3.15 -8.55	69.14 2.98 -6.55	74.09 3.07 -10.88	89.95 2.93 -28.49	115.48 5.61 -23.51	120.46 6.06 -27.77	89.88 4.22 -12.84	81.46 3.63 -9.23	54.28 2.97 0.00	51.83 2.65 0.00	50.36 2.71 0.00	49.24 2.61 0.00	49.77 2.77 0.00	53.59 3.13 -0.88	58.44 3.04 0.00	71.63 3.72 -0.21	85.11 4.57 -3.11	71.97 3.81 0.00	64.41 3.41 0.00	57.76 2.75 0.00	52.63 3.07 -0.01	49.41 2.84 0.00
CALSPAN___DRP 24200	57.86 -3.96 0.00	58.73 -4.22 0.00	56.50 -4.06 0.00	56.03 -3.58 0.00	56.41 -3.73 0.00	56.02 -2.52 0.00	83.08 -3.28 0.00	82.21 -4.42 0.00	68.90 -4.81 -0.89	63.80 -4.80 0.00	48.95 -2.36 0.00	47.51 -1.67 0.00	45.88 -1.76 0.00	45.05 -1.59 0.00	45.21 -1.79 0.00	47.36 -2.23 0.00	52.24 -3.16 0.00	63.71 -3.99 0.00	79.46 -3.95 -5.98	64.61 -3.54 0.00	58.50 -2.50 0.00	52.75 -2.26 0.00	48.01 -1.54 0.00	45.27 -1.30 0.00

CALVERTON___SOLAR 323806	81.25 4.51 -14.92	75.94 4.54 -8.46	73.47 4.36 -8.55	70.27 4.11 -6.55	75.23 4.21 -10.88	91.29 4.27 -28.49	117.30 7.43 -23.51	122.28 7.88 -27.77	90.97 5.31 -12.84	82.09 4.25 -9.23	54.49 3.18 0.00	51.88 2.70 0.00	50.45 2.81 0.00	49.29 2.66 0.00	49.91 2.91 0.00	53.94 3.47 -0.88	59.16 3.77 0.00	72.79 4.88 -0.21	86.66 6.12 -3.11	73.20 5.04 0.00	65.45 4.45 0.00	58.53 3.52 0.00	53.03 3.47 -0.01	49.83 3.26 0.00
CANDIGU_WT_PWR 323617	60.61 -2.90 -1.69	59.99 -2.96 0.00	57.59 -2.97 0.00	56.87 -2.74 0.00	57.67 -2.71 -0.23	58.77 -1.88 -2.11	86.34 -2.16 -2.14	86.17 -2.95 -2.49	70.15 -3.49 -0.82	64.76 -3.84 0.00	49.10 -2.20 0.00	47.46 -1.72 0.00	46.02 -1.62 0.00	44.91 -1.72 0.00	45.21 -1.79 0.00	47.60 -1.99 0.00	52.74 -2.66 0.00	64.65 -3.11 -0.06	73.95 -3.48 0.00	65.02 -3.13 0.00	58.38 -2.62 0.00	52.59 -2.42 0.00	47.27 -2.28 0.00	44.52 -2.05 0.00
CARR STREET_E_SYR 24060	59.78 -2.04 0.00	60.87 -2.08 0.00	58.49 -2.06 0.00	57.65 -1.97 0.00	58.16 -1.98 0.00	56.96 -1.58 0.00	84.46 -1.90 0.00	84.64 -1.99 0.00	70.78 -2.04 0.00	66.55 -2.06 0.00	50.07 -1.23 0.00	48.10 -1.08 0.00	46.59 -1.05 0.00	45.51 -1.12 0.00	45.82 -1.17 0.00	48.30 -1.29 0.00	53.79 -1.61 0.00	65.81 -1.90 0.00	75.35 -2.09 0.00	66.32 -1.84 0.00	59.41 -1.59 0.00	53.74 -1.26 0.00	48.26 -1.29 0.00	45.36 -1.21 0.00
CARTHAGE___PAPER 23857	65.28 3.46 0.00	66.47 3.52 0.00	63.94 3.39 0.00	63.19 3.58 0.00	63.39 3.25 0.00	61.81 3.28 0.00	89.12 2.76 0.00	90.26 3.64 0.00	74.71 1.89 0.00	70.25 1.64 0.00	53.87 2.56 0.00	51.39 2.22 0.00	49.69 2.05 0.00	48.54 1.91 0.00	48.88 1.88 0.00	51.67 2.08 0.00	57.06 1.66 0.00	70.28 2.57 0.00	80.61 3.18 0.00	71.63 3.47 0.00	63.92 2.93 0.00	57.54 2.53 0.00	52.17 2.62 0.00	48.90 2.33 0.00
CASSADAGA_WT_PWR 323784	58.67 -3.15 0.00	59.61 -3.34 0.00	57.22 -3.33 0.00	56.81 -2.80 0.00	57.44 -2.89 -0.19	56.96 -1.58 0.00	86.85 -1.21 -1.70	86.35 -2.25 -1.98	70.20 -3.28 -0.65	65.03 -3.57 0.00	49.56 -1.74 0.00	48.00 -1.18 0.00	46.36 -1.28 0.00	45.42 -1.21 0.00	45.68 -1.32 0.00	47.85 -1.74 0.00	53.68 -1.72 0.00	65.58 -2.17 -0.05	75.11 -2.32 0.00	66.45 -1.70 0.00	60.02 -0.98 0.00	53.96 -1.05 0.00	48.71 -0.84 0.00	46.02 -0.56 0.00
CE_DUNWOOD___DRP 24194	72.62 2.16 -8.64	65.81 2.20 -0.65	62.73 2.18 0.00	61.58 1.97 0.00	63.02 2.10 -0.77	67.41 1.87 -7.00	97.42 3.97 -7.09	102.04 4.50 -10.91	89.53 3.06 -13.65	81.60 3.02 -9.98	53.41 2.10 0.00	51.10 1.92 0.00	49.59 1.95 0.00	48.50 1.87 0.00	48.97 1.97 0.00	51.62 2.03 0.00	57.72 2.33 0.00	70.75 2.84 -0.21	80.84 3.41 0.00	71.02 2.86 0.00	63.44 2.44 0.00	57.15 2.15 0.00	51.53 1.98 0.00	48.39 1.82 0.00
CE_MILLWOOD___DRP 24193	84.70 1.85 -21.03	68.26 1.95 -3.35	62.43 1.88 0.00	61.34 1.73 0.00	62.71 1.80 -0.76	67.07 1.64 -6.90	96.89 3.54 -6.99	112.45 4.07 -21.75	134.36 2.69 -58.85	122.51 2.68 -51.24	53.15 1.85 0.00	50.85 1.67 0.00	49.36 1.72 0.00	48.31 1.68 0.00	48.74 1.74 0.00	51.37 1.79 0.00	57.45 2.05 0.00	70.41 2.51 -0.20	80.45 3.02 0.00	70.68 2.52 0.00	63.19 2.20 0.00	56.93 1.93 0.00	51.33 1.78 0.00	48.20 1.63 0.00
CE_NYC2_DRP 24202	72.94 2.72 -8.40	66.33 2.77 -0.61	63.29 2.72 -0.01	62.12 2.50 -0.01	63.51 2.59 -0.78	67.95 2.40 -7.02	98.31 4.84 -7.11	102.79 5.46 -10.71	89.34 3.79 -12.74	81.51 3.77 -9.14	70.76 2.67 -16.79	68.47 2.51 -16.79	55.60 2.53 -5.43	61.50 2.42 -12.45	51.71 2.49 -2.22	58.67 2.58 -6.50	64.88 2.88 -6.61	99.75 3.52 -28.52	91.85 4.18 -10.24	94.55 3.48 -22.92	66.06 3.05 -2.02	57.71 2.70 -0.01	52.43 2.48 -0.40	48.82 2.24 -0.01
CE_NYC_DRP 24195	72.63 2.41 -8.40	66.07 2.52 -0.60	62.98 2.42 0.00	61.76 2.15 0.00	63.20 2.29 -0.77	67.59 2.05 -7.01	97.87 4.40 -7.10	102.36 5.02 -10.71	89.07 3.50 -12.75	81.18 3.43 -9.15	53.77 2.46 0.00	51.44 2.26 0.00	49.93 2.29 0.00	48.82 2.19 0.00	49.30 2.30 0.00	51.92 2.33 0.00	58.05 2.66 0.00	71.09 3.18 -0.21	81.15 3.72 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.37 2.37 0.00	51.78 2.23 0.00	48.53 1.96 0.00
CHAFFEE___LFGE 323603	58.23 -3.59 0.00	59.18 -3.78 0.00	56.86 -3.70 0.00	56.33 -3.28 0.00	56.83 -3.31 0.00	56.37 -2.16 0.00	83.85 -2.51 0.00	83.16 -3.47 0.00	68.82 -4.01 0.00	64.49 -4.11 0.00	49.25 -2.05 0.00	47.80 -1.38 0.00	46.26 -1.38 0.00	45.28 -1.35 0.00	45.49 -1.51 0.00	47.65 -1.93 0.00	52.63 -2.77 0.00	64.18 -3.52 0.00	73.64 -3.79 0.00	65.23 -2.93 0.00	58.99 -2.01 0.00	53.14 -1.87 0.00	48.01 -1.54 0.00	45.36 -1.21 0.00
CHATEAUG_35_KV_LOAD 355732	62.93 1.11 0.00	64.02 1.07 0.00	61.52 0.97 0.00	60.63 1.01 0.00	61.04 0.90 0.00	59.24 0.70 0.00	85.76 -0.60 0.00	85.85 -0.78 0.00	73.48 0.66 0.00	69.29 0.69 0.00	52.02 0.72 0.00	49.92 0.74 0.00	48.36 0.71 0.00	47.47 0.84 0.00	47.84 0.85 0.00	50.58 0.99 0.00	56.34 0.94 0.00	68.85 1.15 0.00	78.05 0.62 0.00	69.11 0.95 0.00	61.97 0.98 0.00	55.89 0.88 0.00	50.49 0.94 0.00	47.55 0.98 0.00
CHATEAUG_WT_PWR 323614	62.56 0.74 0.00	63.64 0.69 0.00	61.16 0.61 0.00	60.21 0.60 0.00	60.74 0.60 0.00	59.00 0.47 0.00	85.58 -0.78 0.00	85.76 -0.87 0.00	72.97 0.15 0.00	68.88 0.28 0.00	51.92 0.62 0.00	49.82 0.64 0.00	48.22 0.57 0.00	47.33 0.70 0.00	47.65 0.66 0.00	50.43 0.84 0.00	56.17 0.78 0.00	68.65 0.95 0.00	78.44 1.00 0.00	68.97 0.82 0.00	61.79 0.79 0.00	55.72 0.71 0.00	50.34 0.79 0.00	47.41 0.84 0.00
CHAT_HIGH_FALL_HYD 323578	62.93 1.11 0.00	64.02 1.07 0.00	61.52 0.97 0.00	60.63 1.01 0.00	61.04 0.90 0.00	59.24 0.70 0.00	85.76 -0.60 0.00	85.85 -0.78 0.00	73.48 0.66 0.00	69.29 0.69 0.00	52.02 0.72 0.00	49.92 0.74 0.00	48.36 0.71 0.00	47.47 0.84 0.00	47.84 0.85 0.00	50.58 0.99 0.00	56.34 0.94 0.00	68.85 1.15 0.00	78.05 0.62 0.00	69.11 0.95 0.00	61.97 0.98 0.00	55.89 0.88 0.00	50.49 0.94 0.00	47.55 0.98 0.00
CHAUTAUQUA___LFGE 323629	58.54 -3.28 0.00	59.55 -3.40 0.00	57.22 -3.33 0.00	56.69 -2.92 0.00	57.20 -2.95 0.00	56.78 -1.75 0.00	84.63 -1.73 0.00	83.85 -2.78 0.00	69.25 -3.57 0.00	64.76 -3.84 0.00	49.46 -1.84 0.00	47.95 -1.23 0.00	46.40 -1.24 0.00	45.42 -1.21 0.00	45.68 -1.32 0.00	47.81 -1.78 0.00	53.07 -2.32 0.00	64.79 -2.91 0.00	74.33 -3.10 0.00	65.77 -2.39 0.00	59.47 -1.52 0.00	53.52 -1.48 0.00	48.36 -1.19 0.00	45.69 -0.89 0.00
CHERRYST_13_KV_LD 356241	72.75 2.53 -8.40	66.19 2.64 -0.60	63.16 2.60 0.00	61.94 2.32 0.00	63.32 2.41 -0.77	67.77 2.22 -7.01	98.12 4.66 -7.10	102.70 5.37 -10.71	89.36 3.79 -12.75	81.46 3.70 -9.15	53.97 2.67 0.00	51.64 2.46 0.00	50.12 2.48 0.00	49.01 2.38 0.00	49.44 2.44 0.00	52.12 2.53 0.00	58.22 2.83 0.00	71.36 3.45 -0.21	81.46 4.03 0.00	71.49 3.34 0.00	63.86 2.87 0.00	57.54 2.53 0.00	51.93 2.38 0.00	48.67 2.10 0.00

CHESTROR_138KV_BK263 355645	64.97 1.30 -1.85	63.62 1.38 0.71	61.89 1.33 0.00	60.86 1.25 0.00	62.17 1.32 -0.71	66.17 1.23 -6.40	95.61 2.76 -6.49	94.41 3.12 -4.67	65.32 1.97 9.46	59.63 1.92 10.89	52.59 1.28 0.00	50.31 1.13 0.00	48.83 1.19 0.00	47.80 1.17 0.00	48.27 1.27 0.00	50.83 1.24 0.00	56.89 1.50 0.00	69.72 1.83 -0.19	79.68 2.25 0.00	70.06 1.91 0.00	62.64 1.65 0.00	56.44 1.43 0.00	50.94 1.39 0.00	47.83 1.26 0.00
CH_MIDHUDSON___DRP 24192	69.93 2.29 -5.82	65.34 2.39 0.00	62.92 2.36 0.00	61.88 2.27 0.00	63.23 2.29 -0.80	67.89 2.11 -7.24	97.76 4.06 -7.34	99.68 4.50 -8.55	78.76 3.13 -2.81	71.55 2.95 0.00	53.25 1.95 0.00	50.95 1.77 0.00	49.40 1.76 0.00	48.36 1.73 0.00	48.83 1.83 0.00	51.47 1.88 0.00	57.67 2.27 0.00	70.69 2.78 -0.21	80.84 3.41 0.00	71.02 2.86 0.00	63.44 2.44 0.00	57.15 2.15 0.00	51.48 1.93 0.00	48.29 1.72 0.00
CH_MISC_IPPS 23765	69.96 2.41 -5.73	65.47 2.52 0.00	63.04 2.48 0.00	62.00 2.39 0.00	63.34 2.41 -0.79	67.95 2.28 -7.13	98.07 4.49 -7.22	99.98 4.94 -8.42	79.00 3.42 -2.76	71.76 3.16 0.00	53.41 2.10 0.00	51.09 1.92 0.00	49.50 1.86 0.00	48.50 1.87 0.00	48.97 1.97 0.00	51.62 2.03 0.00	57.83 2.43 0.00	70.96 3.05 -0.21	81.07 3.64 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.37 2.36 0.00	51.78 2.23 0.00	48.53 1.96 0.00
CH_RES_BVR_FALLS 23983	61.63 -0.18 0.00	62.76 -0.19 0.00	60.31 -0.24 0.00	59.37 -0.24 0.00	59.84 -0.30 0.00	58.13 -0.41 0.00	85.15 -1.21 0.00	85.33 -1.30 0.00	72.23 -0.59 0.00	68.12 -0.48 0.00	51.10 -0.20 0.00	48.98 -0.20 0.00	47.40 -0.24 0.00	46.44 -0.19 0.00	46.81 -0.19 0.00	49.44 -0.15 0.00	55.17 -0.22 0.00	67.37 -0.34 0.00	76.89 -0.54 0.00	67.68 -0.47 0.00	60.51 -0.49 0.00	54.57 -0.44 0.00	49.15 -0.40 0.00	46.25 -0.32 0.00
CH_RES_NIAGARA 23895	55.45 -6.37 0.00	56.40 -6.55 0.00	54.32 -6.24 0.00	53.77 -5.84 0.00	54.13 -6.01 0.00	53.68 -4.86 0.00	79.28 -7.08 0.00	78.40 -8.23 0.00	64.81 -8.01 0.00	60.85 -7.75 0.00	46.74 -4.57 0.00	45.34 -3.84 0.00	43.83 -3.81 0.00	43.04 -3.59 0.00	43.24 -3.76 0.00	45.22 -4.36 0.00	49.69 -5.71 0.00	60.60 -7.11 0.00	69.84 -7.59 0.00	61.47 -6.68 0.00	55.75 -5.25 0.00	50.39 -4.62 0.00	45.93 -3.62 0.00	43.40 -3.17 0.00
CH_RES_SYRACUSE 23985	60.64 -1.18 0.00	61.75 -1.20 0.00	59.34 -1.21 0.00	58.48 -1.13 0.00	59.00 -1.14 0.00	57.72 -0.82 0.00	85.58 -0.78 0.00	85.84 -0.78 0.00	71.73 -1.09 0.00	67.37 -1.23 0.00	50.59 -0.72 0.00	48.64 -0.54 0.00	47.07 -0.57 0.00	45.98 -0.65 0.00	46.24 -0.75 0.00	48.79 -0.80 0.00	54.45 -0.94 0.00	66.69 -1.01 0.00	76.35 -1.08 0.00	67.20 -0.95 0.00	60.20 -0.79 0.00	54.35 -0.66 0.00	48.76 -0.79 0.00	45.78 -0.79 0.00
CLINTON_WT_PWR 323605	62.56 0.74 0.00	63.64 0.69 0.00	61.16 0.61 0.00	60.21 0.60 0.00	60.74 0.60 0.00	59.00 0.47 0.00	85.58 -0.78 0.00	85.76 -0.87 0.00	72.97 0.15 0.00	68.88 0.28 0.00	51.92 0.62 0.00	49.82 0.64 0.00	48.22 0.57 0.00	47.33 0.70 0.00	47.65 0.66 0.00	50.43 0.84 0.00	56.17 0.78 0.00	68.65 0.95 0.00	78.44 1.00 0.00	68.97 0.82 0.00	61.79 0.79 0.00	55.72 0.71 0.00	50.34 0.79 0.00	47.41 0.84 0.00
CLINTON___LFGE 323618	63.74 1.92 0.00	64.78 1.83 0.00	62.25 1.69 0.00	61.28 1.67 0.00	61.82 1.68 0.00	60.17 1.64 0.00	87.14 0.78 0.00	87.40 0.78 0.00	74.42 1.60 0.00	70.11 1.51 0.00	52.95 1.64 0.00	50.85 1.67 0.00	49.21 1.57 0.00	48.31 1.68 0.00	48.64 1.64 0.00	51.57 1.99 0.00	57.39 1.99 0.00	70.28 2.57 0.00	80.22 2.78 0.00	70.54 2.38 0.00	63.19 2.19 0.00	56.88 1.87 0.00	51.38 1.83 0.00	48.39 1.81 0.00
COBBLENY_34_KV_TB1 80064	58.05 -3.77 0.00	58.98 -3.97 0.00	56.68 -3.88 0.00	56.21 -3.40 0.00	56.59 -3.55 0.00	56.25 -2.28 0.00	83.51 -2.85 0.00	82.73 -3.90 0.00	68.38 -4.44 0.00	64.21 -4.39 0.00	49.25 -2.05 0.00	47.80 -1.38 0.00	46.12 -1.52 0.00	45.28 -1.35 0.00	45.49 -1.50 0.00	47.65 -1.93 0.00	52.63 -2.77 0.00	64.18 -3.52 0.00	74.03 -3.41 0.00	65.16 -3.00 0.00	58.98 -2.01 0.00	53.14 -1.87 0.00	48.26 -1.29 0.00	45.50 -1.07 0.00
COFFEEN___115KV_TB3 355620	65.59 3.77 0.00	66.79 3.84 0.00	64.25 3.69 0.00	63.55 3.93 0.00	63.81 3.67 0.00	62.34 3.80 0.00	90.68 4.32 0.00	91.48 4.85 0.00	77.12 4.30 0.00	71.55 2.95 0.00	53.87 2.57 0.00	51.34 2.16 0.00	49.59 1.95 0.00	48.40 1.77 0.00	48.74 1.74 0.00	51.57 1.98 0.00	57.22 1.83 0.00	70.68 2.98 0.00	79.68 2.25 0.00	72.31 4.16 0.00	64.60 3.60 0.00	58.09 3.08 0.00	52.47 2.92 0.00	49.09 2.51 0.00
COLDSPRG_115KV_BK1 355956	60.86 -2.35 -1.39	60.37 -2.58 0.00	58.01 -2.54 0.00	57.58 -2.03 0.00	58.17 -2.17 -0.19	59.51 -0.76 -1.73	87.94 -0.17 -1.76	87.46 -1.21 -2.05	71.02 -2.48 -0.68	66.20 -2.40 0.00	50.64 -0.67 0.00	49.13 -0.05 0.00	47.36 -0.29 0.00	46.44 -0.19 0.00	46.67 -0.33 0.00	48.89 -0.69 0.00	54.40 -1.00 0.00	66.54 -1.22 -0.05	76.66 -0.77 0.00	67.47 -0.68 0.00	60.94 -0.06 0.00	54.84 -0.17 0.00	49.70 0.15 0.00	46.85 0.28 0.00
COLONIE_LFGE___ 323577	111.93 3.03 -47.09	66.03 3.08 0.00	63.52 2.97 0.00	62.47 2.86 0.00	69.55 2.95 -6.46	119.92 2.81 -58.58	150.21 4.49 -59.36	160.48 4.67 -69.18	99.68 3.64 -23.22	72.23 3.63 0.00	53.46 2.15 0.00	51.09 1.92 0.00	49.45 1.81 0.00	48.40 1.77 0.00	48.88 1.88 0.00	51.67 2.08 0.00	58.05 2.66 0.00	72.65 3.18 -1.76	81.00 3.56 0.00	71.36 3.20 0.00	63.68 2.68 0.00	57.54 2.53 0.00	51.68 2.13 0.00	48.62 2.05 0.00
COOPERNY_115KV_TB1 80082	65.39 0.87 -2.71	63.49 0.88 0.34	61.40 0.85 0.00	60.45 0.83 0.00	61.63 0.90 -0.59	64.73 0.88 -5.31	93.73 1.99 -5.38	93.78 2.25 -4.90	70.59 1.38 3.62	64.73 1.30 5.17	52.18 0.87 0.00	49.97 0.79 0.00	48.50 0.86 0.00	47.47 0.84 0.00	47.89 0.89 0.00	50.43 0.84 0.00	56.39 1.00 0.00	69.15 1.29 -0.16	78.98 1.55 0.00	69.45 1.29 0.00	62.09 1.10 0.00	56.00 0.99 0.00	50.49 0.94 0.00	47.46 0.88 0.00
COPENHAGEN_WT_PWR 323753	64.78 2.97 0.00	65.97 3.02 0.00	63.46 2.91 0.00	62.77 3.16 0.00	62.97 2.83 0.00	61.52 2.98 0.00	89.56 3.20 0.00	90.35 3.72 0.00	74.71 1.89 0.00	69.97 1.37 0.00	53.36 2.05 0.00	50.90 1.72 0.00	49.26 1.62 0.00	48.03 1.40 0.00	48.36 1.36 0.00	51.13 1.54 0.00	56.72 1.33 0.00	69.87 2.17 0.00	80.22 2.78 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.32 2.31 0.00	51.78 2.23 0.00	48.48 1.91 0.00
CORNELL_____ 23752	63.90 0.25 -1.84	63.20 0.25 0.00	60.74 0.18 0.00	59.85 0.24 0.00	60.63 0.24 -0.25	61.53 0.70 -2.29	90.32 1.64 -2.32	90.80 1.47 -2.70	74.15 0.44 -0.89	68.60 0.00 0.00	51.51 0.21 0.00	49.42 0.25 0.00	47.88 0.24 0.00	46.77 0.14 0.00	47.04 0.05 0.00	49.64 0.05 0.00	55.56 0.17 0.00	68.31 0.54 -0.07	78.36 0.93 0.00	69.04 0.89 0.00	61.79 0.79 0.00	55.67 0.66 0.00	50.00 0.45 0.00	46.85 0.28 0.00

CORONA__69_KV_TB1 355595	80.13 3.40 -14.92	74.86 3.46 -8.45	72.49 3.39 -8.54	69.31 3.16 -6.54	74.32 3.31 -10.87	90.00 2.99 -28.48	115.56 5.70 -23.50	120.63 6.24 -27.76	89.95 4.30 -12.84	81.74 3.91 -9.23	54.28 2.98 0.00	51.88 2.70 0.00	50.45 2.81 0.00	49.24 2.61 0.00	49.77 2.77 0.00	53.48 3.02 -0.87	58.72 3.32 0.00	72.04 4.13 -0.21	85.57 5.03 -3.11	72.38 4.23 0.00	64.72 3.72 0.00	58.25 3.25 0.00	52.62 3.07 0.00	49.27 2.70 0.00
CORTLAND__115KV_TB3 80093	62.96 -0.25 -1.39	62.70 -0.25 0.00	60.25 -0.30 0.00	59.37 -0.24 0.00	60.09 -0.24 -0.19	60.44 0.18 -1.73	88.81 0.69 -1.75	89.10 0.43 -2.05	73.28 -0.22 -0.68	68.12 -0.48 0.00	51.10 -0.21 0.00	49.08 -0.10 0.00	47.50 -0.14 0.00	46.44 -0.19 0.00	46.76 -0.23 0.00	49.29 -0.30 0.00	55.17 -0.22 0.00	67.69 -0.07 -0.05	77.59 0.15 0.00	68.36 0.20 0.00	61.24 0.24 0.00	55.17 0.17 0.00	49.60 0.05 0.00	46.57 0.00 0.00
COXSACKIE__GT 23611	87.18 3.90 -21.47	68.05 5.10 0.00	65.70 5.14 0.00	64.68 5.06 0.00	67.30 4.21 -2.95	89.28 4.04 -26.71	119.99 6.56 -27.07	124.41 6.24 -31.54	87.17 4.08 -10.28	72.79 4.19 0.00	53.72 2.41 0.00	51.20 2.02 0.00	49.45 1.81 0.00	48.45 1.82 0.00	49.02 2.02 0.00	51.87 2.28 0.00	58.55 3.16 0.00	71.87 3.38 -0.78	82.85 5.42 0.00	73.06 4.91 0.00	65.33 4.33 0.00	58.80 3.79 0.00	52.87 3.32 0.00	49.69 3.12 0.00
CPV_VALLEY__CC1 323721	65.28 0.87 -2.60	63.36 0.88 0.47	61.40 0.85 0.00	60.38 0.77 0.00	61.64 0.84 -0.66	65.25 0.76 -5.95	94.46 2.07 -6.03	94.25 2.51 -5.11	68.73 1.53 5.62	62.82 1.44 7.23	52.23 0.92 0.00	50.01 0.84 0.00	48.50 0.86 0.00	47.56 0.93 0.00	47.98 0.99 0.00	50.48 0.89 0.00	56.50 1.11 0.00	69.23 1.35 -0.18	79.06 1.63 0.00	69.52 1.36 0.00	62.15 1.16 0.00	56.05 1.04 0.00	50.59 1.04 0.00	47.50 0.93 0.00
CPV_VALLEY__CC2 323722	65.28 0.87 -2.60	63.36 0.88 0.47	61.40 0.85 0.00	60.38 0.77 0.00	61.64 0.84 -0.66	65.25 0.76 -5.95	94.46 2.07 -6.03	94.25 2.51 -5.11	68.73 1.53 5.62	62.82 1.44 7.23	52.23 0.92 0.00	50.01 0.84 0.00	48.50 0.86 0.00	47.56 0.93 0.00	47.98 0.99 0.00	50.48 0.89 0.00	56.50 1.11 0.00	69.23 1.35 -0.18	79.06 1.63 0.00	69.52 1.36 0.00	62.15 1.16 0.00	56.05 1.04 0.00	50.59 1.04 0.00	47.50 0.93 0.00
CRESCENT__HYD 24018	111.93 3.03 -47.09	66.03 3.08 0.00	63.52 2.97 0.00	62.47 2.86 0.00	69.55 2.95 -6.46	119.92 2.81 -58.58	150.21 4.49 -59.36	160.48 4.67 -69.18	99.68 3.64 -23.22	72.23 3.63 0.00	53.46 2.15 0.00	51.09 1.92 0.00	49.45 1.81 0.00	48.40 1.77 0.00	48.88 1.88 0.00	51.67 2.08 0.00	58.05 2.66 0.00	72.65 3.18 -1.76	81.00 3.56 0.00	71.36 3.20 0.00	63.68 2.68 0.00	57.54 2.53 0.00	51.68 2.13 0.00	48.62 2.05 0.00
CRICKET__VALLEY_CC1 323756	71.82 2.04 -7.97	65.34 2.14 -0.25	62.67 2.12 0.00	61.58 1.96 0.00	63.12 2.05 -0.93	68.71 1.70 -8.48	98.31 3.36 -8.59	101.46 3.81 -11.02	83.00 2.70 -7.48	75.09 2.67 -3.81	52.84 1.54 0.00	50.51 1.33 0.00	48.97 1.33 0.00	47.93 1.30 0.00	48.45 1.46 0.00	51.07 1.49 0.00	57.28 1.88 0.00	70.19 2.23 -0.25	79.98 2.55 0.00	70.33 2.18 0.00	62.89 1.89 0.00	56.71 1.71 0.00	51.09 1.54 0.00	48.06 1.49 0.00
CRICKET__VALLEY_CC2 323757	71.82 2.04 -7.97	65.34 2.14 -0.25	62.67 2.12 0.00	61.58 1.96 0.00	63.12 2.05 -0.93	68.71 1.70 -8.48	98.31 3.36 -8.59	101.46 3.81 -11.02	83.00 2.70 -7.48	75.09 2.67 -3.81	52.84 1.54 0.00	50.51 1.33 0.00	48.97 1.33 0.00	47.93 1.30 0.00	48.45 1.46 0.00	51.07 1.49 0.00	57.28 1.88 0.00	70.19 2.23 -0.25	79.98 2.55 0.00	70.33 2.18 0.00	62.89 1.89 0.00	56.71 1.71 0.00	51.09 1.54 0.00	48.06 1.49 0.00
CRICKET__VALLEY_CC3 323758	71.82 2.04 -7.97	65.34 2.14 -0.25	62.67 2.12 0.00	61.58 1.96 0.00	63.12 2.05 -0.93	68.71 1.70 -8.48	98.31 3.36 -8.59	101.46 3.81 -11.02	83.00 2.70 -7.48	75.09 2.67 -3.81	52.84 1.54 0.00	50.51 1.33 0.00	48.97 1.33 0.00	47.93 1.30 0.00	48.45 1.46 0.00	51.07 1.49 0.00	57.28 1.88 0.00	70.19 2.23 -0.25	79.98 2.55 0.00	70.33 2.18 0.00	62.89 1.89 0.00	56.71 1.71 0.00	51.09 1.54 0.00	48.06 1.49 0.00
CRUCIBLE__METL_DRP 24180	60.64 -1.17 0.00	61.75 -1.20 0.00	59.34 -1.21 0.00	58.42 -1.19 0.00	58.94 -1.20 0.00	57.72 -0.82 0.00	85.50 -0.86 0.00	85.76 -0.87 0.00	71.73 -1.09 0.00	67.37 -1.23 0.00	50.59 -0.72 0.00	48.64 -0.54 0.00	47.07 -0.57 0.00	45.98 -0.65 0.00	46.24 -0.75 0.00	48.80 -0.79 0.00	54.45 -0.94 0.00	66.69 -1.02 0.00	76.43 -1.01 0.00	67.20 -0.95 0.00	60.20 -0.79 0.00	54.35 -0.66 0.00	48.81 -0.74 0.00	45.83 -0.75 0.00
DAHOWA__HYDRO 323763	120.02 4.76 -53.44	67.73 4.78 0.00	65.22 4.66 0.00	64.14 4.53 0.00	72.17 4.69 -7.33	129.64 4.62 -66.48	160.81 7.08 -67.37	172.33 7.19 -78.52	104.84 5.75 -26.27	74.09 5.49 0.00	54.69 3.39 0.00	52.23 3.05 0.00	50.40 2.76 0.00	49.29 2.66 0.00	49.77 2.77 0.00	52.81 3.22 0.00	59.49 4.10 0.00	74.84 5.14 -2.00	83.16 5.73 0.00	73.27 5.11 0.00	65.33 4.33 0.00	59.02 4.01 0.00	53.02 3.47 0.00	49.69 3.12 0.00
DANC__LFGE 323619	63.18 1.36 0.00	64.33 1.38 0.00	61.88 1.33 0.00	61.10 1.49 0.00	61.41 1.26 0.00	60.00 1.46 0.00	87.92 1.56 0.00	88.53 1.90 0.00	73.40 0.58 0.00	68.74 0.14 0.00	52.18 0.87 0.00	49.87 0.69 0.00	48.26 0.62 0.00	47.10 0.47 0.00	47.37 0.37 0.00	50.03 0.45 0.00	55.67 0.28 0.00	68.45 0.75 0.00	78.60 1.16 0.00	69.65 1.50 0.00	62.28 1.28 0.00	56.11 1.10 0.00	50.54 0.99 0.00	47.41 0.84 0.00
DANSKAMMER__1 23586	69.96 2.41 -5.73	65.47 2.52 0.00	63.04 2.48 0.00	62.00 2.39 0.00	63.34 2.41 -0.79	67.95 2.28 -7.13	98.07 4.49 -7.22	99.98 4.94 -8.42	79.00 3.42 -2.76	71.76 3.16 0.00	53.41 2.10 0.00	51.09 1.92 0.00	49.50 1.86 0.00	48.50 1.87 0.00	48.97 1.97 0.00	51.62 2.03 0.00	57.83 2.43 0.00	70.96 3.05 -0.21	81.07 3.64 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.37 2.36 0.00	51.78 2.23 0.00	48.53 1.96 0.00
DANSKAMMER__2 23589	69.96 2.41 -5.73	65.47 2.52 0.00	63.04 2.48 0.00	62.00 2.39 0.00	63.34 2.41 -0.79	67.95 2.28 -7.13	98.07 4.49 -7.22	99.98 4.94 -8.42	79.00 3.42 -2.76	71.76 3.16 0.00	53.41 2.10 0.00	51.09 1.92 0.00	49.50 1.86 0.00	48.50 1.87 0.00	48.97 1.97 0.00	51.62 2.03 0.00	57.83 2.43 0.00	70.96 3.05 -0.21	81.07 3.64 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.37 2.36 0.00	51.78 2.23 0.00	48.53 1.96 0.00
DANSKAMMER__3 23590	69.96 2.41 -5.73	65.47 2.52 0.00	63.04 2.48 0.00	62.00 2.39 0.00	63.34 2.41 -0.79	67.95 2.28 -7.13	98.07 4.49 -7.22	99.98 4.94 -8.42	79.00 3.42 -2.76	71.76 3.16 0.00	53.41 2.10 0.00	51.09 1.92 0.00	49.50 1.86 0.00	48.50 1.87 0.00	48.97 1.97 0.00	51.62 2.03 0.00	57.83 2.43 0.00	70.96 3.05 -0.21	81.07 3.64 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.37 2.36 0.00	51.78 2.23 0.00	48.53 1.96 0.00

DANSKAMMER___4 23591	69.96 2.41 -5.73	65.47 2.52 0.00	63.04 2.48 0.00	62.00 2.39 0.00	63.34 2.41 -0.79	67.95 2.28 -7.13	98.07 4.49 -7.22	99.98 4.94 -8.42	79.00 3.42 -2.76	71.76 3.16 0.00	53.41 2.10 0.00	51.09 1.92 0.00	49.50 1.86 0.00	48.50 1.87 0.00	48.97 1.97 0.00	51.62 2.03 0.00	57.83 2.43 0.00	70.96 3.05 -0.21	81.07 3.64 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.37 2.36 0.00	51.78 2.23 0.00	48.53 1.96 0.00
DANSKAMMER___DIESEL 23592	70.02 2.47 -5.73	65.53 2.58 0.00	63.10 2.54 0.00	62.06 2.44 0.00	63.39 2.47 -0.79	67.95 2.28 -7.13	98.08 4.49 -7.22	99.90 4.85 -8.42	78.93 3.35 -2.76	71.69 3.09 0.00	53.41 2.10 0.00	51.10 1.92 0.00	49.50 1.86 0.00	48.50 1.87 0.00	48.97 1.97 0.00	51.62 2.03 0.00	57.83 2.44 0.00	70.96 3.05 -0.21	81.15 3.72 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.37 2.37 0.00	51.68 2.13 0.00	48.48 1.91 0.00
DARBY___SOLAR 323810	119.18 4.45 -52.91	67.42 4.47 0.00	64.92 4.36 0.00	63.84 4.23 0.00	71.79 4.39 -7.26	128.63 4.27 -65.82	159.62 6.56 -66.70	171.13 6.76 -77.74	104.15 5.31 -26.01	73.68 5.08 0.00	54.44 3.13 0.00	51.98 2.80 0.00	50.21 2.57 0.00	49.10 2.47 0.00	49.58 2.58 0.00	52.56 2.98 0.00	59.21 3.82 0.00	74.49 4.81 -1.98	82.70 5.27 0.00	72.92 4.77 0.00	65.02 4.02 0.00	58.75 3.74 0.00	52.77 3.22 0.00	49.51 2.94 0.00
DASHVILLE___HYD 23610	71.83 1.05 -8.96	65.22 2.27 0.00	62.79 2.24 0.00	61.76 2.15 0.00	62.45 1.08 -1.23	70.62 0.94 -11.15	100.08 2.42 -11.30	102.65 2.86 -13.17	78.72 1.60 -4.30	71.00 2.40 0.00	52.90 1.59 0.00	50.56 1.38 0.00	49.02 1.38 0.00	48.03 1.40 0.00	48.50 1.50 0.00	51.13 1.54 0.00	57.22 1.83 0.00	69.45 1.42 -0.33	80.37 2.94 0.00	70.68 2.52 0.00	63.13 2.13 0.00	56.93 1.93 0.00	51.28 1.73 0.00	48.16 1.58 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	82.48 5.75 -14.92	77.06 5.67 -8.45	74.30 5.21 -8.54	71.04 4.89 -6.54	76.01 4.99 -10.87	91.99 4.98 -28.48	118.24 8.38 -23.50	123.23 8.84 -27.76	91.55 5.90 -12.84	82.50 4.66 -9.23	54.59 3.28 0.00	51.88 2.70 0.00	50.55 2.91 0.00	49.15 2.52 0.00	49.86 2.87 0.00	53.93 3.47 -0.87	59.05 3.66 0.00	72.78 4.87 -0.21	86.81 6.27 -3.11	73.13 4.98 0.00	65.27 4.27 0.00	58.53 3.52 0.00	52.87 3.32 0.00	49.83 3.26 0.00
DELAWARE___LFGE 323621	71.26 1.42 -8.02	64.40 1.45 0.00	61.95 1.39 0.00	61.04 1.43 0.00	62.69 1.44 -1.10	70.04 1.52 -9.98	99.32 2.85 -10.11	101.45 3.03 -11.79	78.77 2.04 -3.91	70.39 1.78 0.00	52.64 1.33 0.00	50.41 1.23 0.00	48.83 1.19 0.00	47.80 1.17 0.00	48.12 1.13 0.00	50.78 1.19 0.00	56.78 1.38 0.00	69.69 1.69 -0.30	79.52 2.09 0.00	69.99 1.84 0.00	62.58 1.59 0.00	56.38 1.38 0.00	50.79 1.24 0.00	47.69 1.12 0.00
DERFIELD_115KV_TB7 355931	62.31 0.49 0.00	63.45 0.50 0.00	61.10 0.54 0.00	60.09 0.48 0.00	60.62 0.48 0.00	59.00 0.47 0.00	87.22 0.86 0.00	87.58 0.95 0.00	73.48 0.66 0.00	69.22 0.62 0.00	51.72 0.41 0.00	49.52 0.34 0.00	47.98 0.33 0.00	46.96 0.33 0.00	47.33 0.33 0.00	49.94 0.35 0.00	55.84 0.44 0.00	68.25 0.54 0.00	78.05 0.62 0.00	68.70 0.55 0.00	61.42 0.43 0.00	55.39 0.39 0.00	49.90 0.35 0.00	46.85 0.28 0.00
DOGLEVILLE___HYD 23807	62.19 0.37 0.00	63.33 0.38 0.00	60.92 0.37 0.00	59.97 0.36 0.00	60.50 0.36 0.00	58.95 0.41 0.00	86.97 0.61 0.00	87.32 0.69 0.00	73.11 0.29 0.00	68.88 0.28 0.00	51.56 0.26 0.00	49.38 0.20 0.00	47.83 0.19 0.00	46.77 0.14 0.00	47.14 0.14 0.00	49.74 0.15 0.00	55.56 0.17 0.00	67.84 0.14 0.00	77.59 0.16 0.00	68.29 0.14 0.00	61.00 0.00 0.00	55.12 0.11 0.00	49.60 0.05 0.00	46.48 -0.09 0.00
DUNKIRK___115KV_TB_200 55889	58.42 -3.40 0.00	59.36 -3.59 0.00	57.04 -3.51 0.00	56.63 -2.98 0.00	56.95 -3.19 0.00	56.66 -1.87 0.00	84.29 -2.07 0.00	83.42 -3.21 0.00	68.81 -4.01 0.00	64.49 -4.12 0.00	49.41 -1.90 0.00	47.95 -1.23 0.00	46.26 -1.38 0.00	45.42 -1.21 0.00	45.63 -1.36 0.00	47.80 -1.79 0.00	53.01 -2.38 0.00	64.73 -2.98 0.00	74.57 -2.86 0.00	65.70 -2.45 0.00	59.41 -1.59 0.00	53.47 -1.54 0.00	48.56 -0.99 0.00	45.83 -0.75 0.00
DUNKIRK___1 23563	58.42 -3.40 0.00	59.36 -3.59 0.00	57.04 -3.51 0.00	56.63 -2.98 0.00	56.95 -3.19 0.00	56.66 -1.87 0.00	84.29 -2.07 0.00	83.42 -3.21 0.00	68.81 -4.01 0.00	64.49 -4.12 0.00	49.41 -1.90 0.00	47.95 -1.23 0.00	46.26 -1.38 0.00	45.42 -1.21 0.00	45.63 -1.36 0.00	47.80 -1.79 0.00	53.01 -2.38 0.00	64.73 -2.98 0.00	74.57 -2.86 0.00	65.70 -2.45 0.00	59.41 -1.59 0.00	53.47 -1.54 0.00	48.56 -0.99 0.00	45.83 -0.75 0.00
DUNKIRK___2 23564	58.42 -3.40 0.00	59.36 -3.59 0.00	57.04 -3.51 0.00	56.63 -2.98 0.00	56.95 -3.19 0.00	56.66 -1.87 0.00	84.29 -2.07 0.00	83.42 -3.21 0.00	68.81 -4.01 0.00	64.49 -4.12 0.00	49.41 -1.90 0.00	47.95 -1.23 0.00	46.26 -1.38 0.00	45.42 -1.21 0.00	45.63 -1.36 0.00	47.80 -1.79 0.00	53.01 -2.38 0.00	64.73 -2.98 0.00	74.57 -2.86 0.00	65.70 -2.45 0.00	59.41 -1.59 0.00	53.47 -1.54 0.00	48.56 -0.99 0.00	45.83 -0.75 0.00
DUNKIRK___3 23565	58.17 -3.65 0.00	59.11 -3.84 0.00	56.86 -3.69 0.00	56.39 -3.22 0.00	56.77 -3.37 0.00	56.43 -2.11 0.00	83.77 -2.59 0.00	82.99 -3.64 0.00	68.45 -4.37 0.00	64.21 -4.39 0.00	49.20 -2.10 0.00	47.70 -1.48 0.00	46.07 -1.57 0.00	45.23 -1.40 0.00	45.45 -1.55 0.00	47.60 -1.98 0.00	52.68 -2.71 0.00	64.39 -3.32 0.00	74.18 -3.25 0.00	65.29 -2.86 0.00	59.04 -1.95 0.00	53.19 -1.82 0.00	48.31 -1.24 0.00	45.55 -1.02 0.00
DUNKIRK___4 23566	58.17 -3.65 0.00	59.11 -3.84 0.00	56.86 -3.69 0.00	56.39 -3.22 0.00	56.77 -3.37 0.00	56.43 -2.11 0.00	83.77 -2.59 0.00	82.99 -3.64 0.00	68.45 -4.37 0.00	64.21 -4.39 0.00	49.20 -2.10 0.00	47.70 -1.48 0.00	46.07 -1.57 0.00	45.23 -1.40 0.00	45.45 -1.55 0.00	47.60 -1.98 0.00	52.68 -2.71 0.00	64.39 -3.32 0.00	74.18 -3.25 0.00	65.29 -2.86 0.00	59.04 -1.95 0.00	53.19 -1.82 0.00	48.31 -1.24 0.00	45.55 -1.02 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	72.50 2.29 -8.39	65.94 2.39 -0.60	62.85 2.30 0.00	61.70 2.09 0.00	63.14 2.23 -0.77	67.53 1.99 -7.01	97.69 4.23 -7.10	102.09 4.76 -10.70	88.83 3.28 -12.74	80.97 3.22 -9.14	53.56 2.26 0.00	51.24 2.07 0.00	49.74 2.10 0.00	48.64 2.01 0.00	49.11 2.11 0.00	51.77 2.18 0.00	57.89 2.49 0.00	70.96 3.05 -0.21	81.07 3.64 0.00	71.15 3.00 0.00	63.62 2.62 0.00	57.32 2.31 0.00	51.68 2.13 0.00	48.48 1.91 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	68.02 1.79 -4.41	64.52 1.83 0.25	62.37 1.82 0.00	61.34 1.73 0.00	62.65 1.74 -0.76	67.10 1.64 -6.93	96.83 3.45 -7.02	97.68 3.90 -7.16	73.84 2.55 1.53	67.16 2.40 3.84	52.90 1.59 0.00	50.60 1.43 0.00	49.12 1.48 0.00	48.08 1.45 0.00	48.55 1.55 0.00	51.13 1.54 0.00	57.28 1.88 0.00	70.21 2.30 -0.20	80.30 2.86 0.00	70.61 2.45 0.00	63.07 2.07 0.00	56.82 1.82 0.00	51.24 1.68 0.00	48.11 1.54 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	73.18 2.97 -8.40	66.58 3.02 -0.61	63.47 2.91 -0.01	62.42 2.80 -0.01	63.75 2.83 -0.78	68.13 2.58 -7.02	98.31 4.84 -7.11	102.53 5.20 -10.71	89.12 3.57 -12.74	81.17 3.43 -9.14	53.78 2.46 -0.01	51.45 2.26 -0.01	49.94 2.29 -0.01	48.83 2.19 -0.01	49.31 2.30 -0.01	51.93 2.33 -0.01	58.06 2.66 -0.01	71.17 3.25 -0.21	81.23 3.79 -0.01	71.37 3.20 -0.01	63.81 2.81 -0.01	57.55 2.53 -0.01	51.84 2.28 -0.01	48.68 2.10 -0.01
E179THST_13_KV_LOAD 356214	73.43 3.21 -8.40	66.89 3.34 -0.61	63.77 3.21 -0.01	62.66 3.04 -0.01	64.05 3.13 -0.78	68.36 2.81 -7.02	98.74 5.27 -7.11	102.97 5.63 -10.71	89.41 3.86 -12.74	81.51 3.77 -9.14	54.03 2.72 -0.01	51.69 2.51 -0.01	50.17 2.53 -0.01	49.06 2.42 -0.01	49.54 2.54 -0.01	52.18 2.58 -0.01	58.34 2.94 -0.01	71.51 3.59 -0.21	81.70 4.26 -0.01	71.71 3.54 -0.01	64.12 3.11 -0.01	57.82 2.81 -0.01	52.09 2.53 -0.01	48.86 2.28 -0.01
EAST HAMPTON___GT 23717	82.74 5.99 -14.92	77.19 5.79 -8.46	74.31 5.21 -8.55	70.93 4.77 -6.55	75.84 4.81 -10.88	91.76 4.74 -28.49	117.91 8.03 -23.51	122.80 8.40 -27.77	91.26 5.61 -12.84	82.09 4.25 -9.23	53.87 2.56 0.00	51.20 2.02 0.00	49.79 2.15 0.00	48.54 1.91 0.00	49.16 2.16 0.00	53.24 2.78 -0.88	58.16 2.77 0.00	71.77 3.86 -0.21	85.58 5.03 -3.11	72.17 4.02 0.00	64.47 3.48 0.00	57.54 2.53 0.00	52.08 2.53 -0.01	49.46 2.89 0.00
EAST RIVER___6 23660	72.50 2.29 -8.40	65.94 2.39 -0.60	62.85 2.30 0.00	61.58 1.96 0.00	62.96 2.05 -0.77	67.47 1.93 -7.01	97.78 4.32 -7.10	102.27 4.94 -10.71	88.99 3.42 -12.75	81.18 3.43 -9.15	53.67 2.36 0.00	51.39 2.22 0.00	49.83 2.19 0.00	48.78 2.15 0.00	49.21 2.21 0.00	51.82 2.23 0.00	57.95 2.55 0.00	71.03 3.12 -0.21	80.92 3.49 0.00	71.08 2.93 0.00	63.62 2.62 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.62 2.05 0.00
EAST RIVER___7 23524	72.50 2.29 -8.40	65.94 2.39 -0.60	62.85 2.30 0.00	61.58 1.96 0.00	62.96 2.05 -0.77	67.47 1.93 -7.01	97.78 4.32 -7.10	102.27 4.94 -10.71	88.99 3.42 -12.75	81.18 3.43 -9.15	53.67 2.36 0.00	51.39 2.22 0.00	49.83 2.19 0.00	48.78 2.15 0.00	49.21 2.21 0.00	51.82 2.23 0.00	57.95 2.55 0.00	71.03 3.12 -0.21	80.92 3.49 0.00	71.08 2.93 0.00	63.62 2.62 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.62 2.05 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	72.62 2.16 -8.64	65.81 2.20 -0.65	62.73 2.18 0.00	61.58 1.97 0.00	63.02 2.10 -0.77	67.41 1.87 -7.00	97.42 3.97 -7.09	102.04 4.50 -10.91	89.53 3.06 -13.65	81.60 3.02 -9.98	53.41 2.10 0.00	51.10 1.92 0.00	49.59 1.95 0.00	48.50 1.87 0.00	48.97 1.97 0.00	51.62 2.03 0.00	57.72 2.33 0.00	70.75 2.84 -0.21	80.84 3.41 0.00	71.02 2.86 0.00	63.44 2.44 0.00	57.15 2.15 0.00	51.53 1.98 0.00	48.39 1.82 0.00
EAST_HAMPTON___DIESEL 23722	82.74 5.99 -14.92	77.13 5.73 -8.46	74.25 5.14 -8.55	70.87 4.71 -6.55	75.72 4.69 -10.88	91.71 4.68 -28.49	117.81 7.94 -23.51	122.71 8.32 -27.77	91.12 5.46 -12.84	82.02 4.19 -9.23	53.77 2.46 0.00	51.05 1.87 0.00	49.69 2.05 0.00	48.40 1.77 0.00	49.02 2.02 0.00	53.09 2.63 -0.88	58.00 2.60 0.00	71.56 3.65 -0.21	85.35 4.80 -3.11	71.97 3.81 0.00	64.29 3.29 0.00	57.37 2.36 0.00	51.94 2.38 -0.01	49.37 2.79 0.00
EAST_POINT___SOLAR 323840	122.76 5.38 -55.57	68.30 5.35 0.00	65.76 5.21 0.00	64.80 5.18 0.00	73.24 5.47 -7.62	133.23 5.56 -69.13	164.71 8.29 -70.05	176.93 8.66 -81.64	105.73 5.75 -27.16	72.72 4.12 0.00	53.41 2.10 0.00	50.55 1.38 0.00	48.83 1.19 0.00	48.73 2.10 0.00	49.21 2.21 0.00	52.46 2.88 0.00	59.94 4.54 0.00	75.73 5.96 -2.06	84.32 6.89 0.00	74.42 6.27 0.00	66.42 5.43 0.00	60.01 5.01 0.00	53.91 4.36 0.00	50.30 3.73 0.00
EAST_PULASKI___ESR 323781	62.00 0.19 0.00	63.14 0.19 0.00	60.68 0.12 0.00	59.85 0.24 0.00	60.20 0.06 0.00	58.95 0.41 0.00	86.97 0.61 0.00	87.32 0.69 0.00	72.60 -0.22 0.00	68.05 -0.55 0.00	51.36 0.05 0.00	49.23 0.05 0.00	47.59 -0.05 0.00	46.44 -0.19 0.00	46.72 -0.28 0.00	49.34 -0.25 0.00	55.01 -0.39 0.00	67.57 -0.14 0.00	77.51 0.08 0.00	68.50 0.34 0.00	61.30 0.31 0.00	55.28 0.28 0.00	49.65 0.10 0.00	46.62 0.05 0.00
EAST_RIVER___1 323558	72.56 2.35 -8.40	66.00 2.45 -0.60	62.91 2.36 0.00	61.70 2.09 0.00	63.08 2.16 -0.77	67.59 2.05 -7.01	97.86 4.40 -7.10	102.44 5.11 -10.71	89.14 3.57 -12.75	81.25 3.50 -9.15	53.77 2.46 0.00	51.44 2.26 0.00	49.88 2.24 0.00	48.82 2.19 0.00	49.30 2.30 0.00	51.92 2.33 0.00	58.05 2.66 0.00	71.09 3.18 -0.21	81.07 3.64 0.00	71.22 3.07 0.00	63.68 2.68 0.00	57.43 2.42 0.00	51.93 2.38 0.00	48.72 2.14 0.00
EAST_RIVER___2 323559	72.50 2.29 -8.40	65.94 2.39 -0.60	62.85 2.30 0.00	61.58 1.96 0.00	62.96 2.05 -0.77	67.47 1.93 -7.01	97.78 4.32 -7.10	102.27 4.94 -10.71	88.99 3.42 -12.75	81.18 3.43 -9.15	53.67 2.36 0.00	51.39 2.22 0.00	49.83 2.19 0.00	48.78 2.15 0.00	49.21 2.21 0.00	51.82 2.23 0.00	57.95 2.55 0.00	71.03 3.12 -0.21	80.92 3.49 0.00	71.08 2.93 0.00	63.62 2.62 0.00	57.32 2.31 0.00	51.83 2.28 0.00	48.62 2.05 0.00
EAST___DELAWARE_HYD 23607	68.55 1.67 -5.06	64.58 1.83 0.20	62.37 1.81 0.00	61.40 1.79 0.00	62.71 1.75 -0.82	67.66 1.70 -7.43	97.51 3.63 -7.53	98.59 3.99 -7.97	74.93 2.55 0.44	67.78 2.19 3.02	52.74 1.43 0.00	50.41 1.23 0.00	48.78 1.14 0.00	47.84 1.21 0.00	48.31 1.31 0.00	50.88 1.29 0.00	57.06 1.66 0.00	70.15 2.23 -0.22	80.37 2.94 0.00	70.60 2.45 0.00	63.13 2.13 0.00	56.88 1.87 0.00	51.28 1.73 0.00	48.02 1.45 0.00
EIGHT_POINT___WT_PWR 323820	60.87 -2.54 -1.59	60.37 -2.58 0.00	58.01 -2.54 0.00	57.17 -2.45 0.00	58.01 -2.35 -0.22	59.11 -1.41 -1.98	87.07 -1.29 -2.01	86.88 -2.08 -2.34	70.75 -2.84 -0.77	65.24 -3.36 0.00	49.51 -1.80 0.00	47.90 -1.28 0.00	46.45 -1.19 0.00	45.33 -1.31 0.00	45.54 -1.46 0.00	47.90 -1.69 0.00	53.07 -2.32 0.00	64.85 -2.91 -0.06	74.03 -3.41 0.00	65.02 -3.13 0.00	58.31 -2.68 0.00	52.42 -2.58 0.00	47.03 -2.53 0.00	44.24 -2.33 0.00
ELBRIDGE_115KV_TB2 80188	60.02 -1.79 0.00	61.12 -1.83 0.00	58.74 -1.82 0.00	57.88 -1.73 0.00	58.40 -1.74 0.00	57.19 -1.35 0.00	84.72 -1.64 0.00	84.98 -1.65 0.00	71.00 -1.82 0.00	66.68 -1.92 0.00	50.07 -1.23 0.00	48.15 -1.03 0.00	46.59 -1.05 0.00	45.56 -1.07 0.00	45.82 -1.17 0.00	48.30 -1.29 0.00	53.90 -1.50 0.00	66.01 -1.69 0.00	75.65 -1.78 0.00	66.59 -1.57 0.00	59.65 -1.34 0.00	53.80 -1.21 0.00	48.36 -1.19 0.00	45.41 -1.16 0.00
ELEC_TRO_TEK 24086	79.76 3.03 -14.92	74.55 3.15 -8.45	72.12 3.03 -8.54	69.02 2.86 -6.54	73.96 2.95 -10.87	89.77 2.75 -28.48	115.13 5.27 -23.50	120.28 5.89 -27.76	89.66 4.01 -12.84	81.47 3.64 -9.23	54.02 2.72 0.00	51.64 2.46 0.00	50.21 2.57 0.00	49.01 2.38 0.00	49.53 2.54 0.00	53.29 2.83 -0.87	58.44 3.05 0.00	71.63 3.72 -0.21	85.11 4.57 -3.11	71.97 3.82 0.00	64.29 3.29 0.00	57.87 2.86 0.00	52.33 2.77 0.00	49.04 2.47 0.00

ELLENBURG_WT_PWR 323604	62.56 0.74 0.00	63.64 0.69 0.00	61.16 0.61 0.00	60.21 0.60 0.00	60.74 0.60 0.00	59.00 0.47 0.00	85.58 -0.78 0.00	85.76 -0.87 0.00	72.97 0.15 0.00	68.88 0.28 0.00	51.92 0.62 0.00	49.82 0.64 0.00	48.22 0.57 0.00	47.33 0.70 0.00	47.65 0.66 0.00	50.43 0.84 0.00	56.17 0.78 0.00	68.65 0.95 0.00	78.44 1.00 0.00	68.97 0.82 0.00	61.79 0.79 0.00	55.72 0.71 0.00	50.34 0.79 0.00	47.41 0.84 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	57.37 -4.45 0.00	58.29 -4.66 0.00	56.07 -4.48 0.00	55.56 -4.05 0.00	55.93 -4.21 0.00	55.55 -2.99 0.00	82.30 -4.06 0.00	81.52 -5.11 0.00	67.36 -5.46 0.00	63.25 -5.35 0.00	48.48 -2.82 0.00	47.06 -2.11 0.00	45.45 -2.19 0.00	44.63 -2.01 0.00	44.83 -2.16 0.00	46.91 -2.68 0.00	51.74 -3.66 0.00	63.10 -4.60 0.00	72.71 -4.72 0.00	64.00 -4.16 0.00	57.95 -3.05 0.00	52.26 -2.75 0.00	47.57 -1.98 0.00	44.85 -1.72 0.00
EMPIRE_CC_1 323656	79.26 2.04 -15.41	65.09 2.14 0.00	62.61 2.06 0.00	61.58 1.96 0.00	64.30 2.05 -2.11	79.52 1.82 -19.17	108.72 2.94 -19.43	112.38 3.11 -22.64	82.78 2.33 -7.63	71.14 2.54 0.00	52.53 1.23 0.00	50.21 1.03 0.00	48.64 1.00 0.00	47.61 0.98 0.00	48.12 1.13 0.00	50.83 1.24 0.00	57.00 1.61 0.00	70.11 1.83 -0.58	79.37 1.94 0.00	69.92 1.77 0.00	62.46 1.46 0.00	56.49 1.49 0.00	50.79 1.24 0.00	47.83 1.26 0.00
EMPIRE_CC_2 323658	79.26 2.04 -15.41	65.09 2.14 0.00	62.61 2.06 0.00	61.58 1.96 0.00	64.30 2.05 -2.11	79.52 1.82 -19.17	108.72 2.94 -19.43	112.38 3.11 -22.64	82.78 2.33 -7.63	71.14 2.54 0.00	52.53 1.23 0.00	50.21 1.03 0.00	48.64 1.00 0.00	47.61 0.98 0.00	48.12 1.13 0.00	50.83 1.24 0.00	57.00 1.61 0.00	70.11 1.83 -0.58	79.37 1.94 0.00	69.92 1.77 0.00	62.46 1.46 0.00	56.49 1.49 0.00	50.79 1.24 0.00	47.83 1.26 0.00
ENORWICH_115KV_TB1 80156	69.72 4.14 -3.76	67.23 4.28 0.00	64.61 4.06 0.00	63.96 4.35 0.00	64.99 4.33 -0.52	68.07 4.86 -4.68	99.39 8.29 -4.74	100.12 7.97 -5.52	79.89 5.24 -1.83	72.44 3.84 0.00	54.38 3.08 0.00	51.98 2.80 0.00	50.40 2.76 0.00	49.15 2.52 0.00	49.30 2.30 0.00	52.22 2.63 0.00	58.72 3.32 0.00	72.45 4.60 -0.14	83.01 5.58 0.00	73.20 5.04 0.00	65.27 4.27 0.00	58.47 3.47 0.00	52.47 2.92 0.00	48.99 2.42 0.00
ERIE_ST__34_KV_TB1-2 80199	58.54 -3.28 0.00	59.43 -3.53 0.00	57.10 -3.45 0.00	56.63 -2.98 0.00	57.01 -3.13 0.00	56.72 -1.81 0.00	84.29 -2.07 0.00	83.51 -3.12 0.00	69.03 -3.79 0.00	64.83 -3.77 0.00	49.71 -1.59 0.00	48.24 -0.93 0.00	46.55 -1.10 0.00	45.65 -0.98 0.00	45.87 -1.13 0.00	48.10 -1.49 0.00	53.12 -2.27 0.00	64.86 -2.84 0.00	74.80 -2.63 0.00	65.77 -2.39 0.00	59.41 -1.59 0.00	53.52 -1.49 0.00	48.66 -0.89 0.00	45.87 -0.70 0.00
ERIE_WT_PWR 323693	58.04 -3.77 0.00	58.99 -3.96 0.00	56.68 -3.88 0.00	56.22 -3.40 0.00	56.65 -3.49 0.00	56.13 -2.40 0.00	83.51 -2.85 0.00	82.73 -3.90 0.00	68.45 -4.37 0.00	64.14 -4.46 0.00	48.95 -2.36 0.00	47.51 -1.67 0.00	46.02 -1.62 0.00	45.04 -1.59 0.00	45.26 -1.74 0.00	47.36 -2.23 0.00	52.24 -3.16 0.00	63.78 -3.93 0.00	73.17 -4.26 0.00	64.75 -3.41 0.00	58.55 -2.44 0.00	52.81 -2.20 0.00	47.77 -1.78 0.00	45.13 -1.44 0.00
ESPRGFLD_115KV_TB1 80157	104.96 3.28 -39.86	66.16 3.21 0.00	63.70 3.15 0.00	62.77 3.16 0.00	68.86 3.25 -5.47	111.64 3.51 -49.59	142.14 5.53 -50.26	151.00 5.80 -58.57	96.43 4.08 -19.53	71.89 3.29 0.00	53.67 2.36 0.00	51.24 2.07 0.00	49.59 1.95 0.00	48.68 2.05 0.00	48.97 1.97 0.00	51.82 2.23 0.00	58.22 2.83 0.00	72.91 3.72 -1.48	81.92 4.49 0.00	72.18 4.02 0.00	64.47 3.48 0.00	58.14 3.14 0.00	52.28 2.73 0.00	48.90 2.33 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	63.78 0.12 -1.84	63.08 0.13 0.00	60.61 0.06 0.00	59.73 0.12 0.00	60.57 0.18 -0.25	61.41 0.59 -2.29	90.15 1.47 -2.32	90.63 1.30 -2.71	74.01 0.29 -0.90	68.46 -0.14 0.00	51.41 0.10 0.00	49.38 0.20 0.00	47.78 0.14 0.00	46.68 0.05 0.00	47.00 0.00 0.00	49.59 0.00 0.00	55.45 0.06 0.00	68.18 0.41 -0.07	78.21 0.77 0.00	68.84 0.68 0.00	61.67 0.67 0.00	55.56 0.55 0.00	49.90 0.35 0.00	46.80 0.23 0.00
ETNA____115KV_TB2 80207	63.78 0.12 -1.84	63.08 0.13 0.00	60.61 0.06 0.00	59.73 0.12 0.00	60.57 0.18 -0.25	61.41 0.59 -2.29	90.15 1.47 -2.32	90.63 1.30 -2.71	74.01 0.29 -0.90	68.46 -0.14 0.00	51.41 0.10 0.00	49.38 0.20 0.00	47.78 0.14 0.00	46.68 0.05 0.00	47.00 0.00 0.00	49.59 0.00 0.00	55.45 0.06 0.00	68.18 0.41 -0.07	78.21 0.77 0.00	68.84 0.68 0.00	61.67 0.67 0.00	55.56 0.55 0.00	49.90 0.35 0.00	46.80 0.23 0.00
EUCLID____115KV_TB2 356179	59.59 -2.23 0.00	60.68 -2.27 0.00	58.37 -2.18 0.00	57.47 -2.15 0.00	57.98 -2.17 0.00	56.72 -1.81 0.00	84.03 -2.33 0.00	84.29 -2.34 0.00	70.42 -2.40 0.00	66.20 -2.40 0.00	49.77 -1.54 0.00	47.80 -1.38 0.00	46.31 -1.33 0.00	45.28 -1.35 0.00	45.54 -1.46 0.00	48.05 -1.54 0.00	53.57 -1.83 0.00	65.54 -2.17 0.00	75.11 -2.32 0.00	66.04 -2.11 0.00	59.23 -1.77 0.00	53.41 -1.60 0.00	48.06 -1.49 0.00	45.17 -1.40 0.00
E_CANADA_CAP_HY 24051	118.17 4.70 -51.66	67.61 4.66 0.00	65.10 4.54 0.00	64.14 4.53 0.00	71.92 4.69 -7.09	127.60 4.80 -64.26	158.65 7.16 -65.13	169.98 7.45 -75.90	103.40 5.31 -25.26	72.79 4.19 0.00	54.02 2.72 0.00	51.39 2.22 0.00	49.69 2.05 0.00	48.96 2.33 0.00	49.35 2.35 0.00	52.41 2.83 0.00	59.33 3.93 0.00	74.70 5.08 -1.92	83.31 5.88 0.00	73.54 5.38 0.00	65.63 4.63 0.00	59.41 4.40 0.00	53.37 3.82 0.00	49.83 3.26 0.00
E_CANADA_MHWK_HY 24050	62.19 0.37 0.00	63.33 0.38 0.00	60.92 0.37 0.00	59.97 0.36 0.00	60.50 0.36 0.00	58.95 0.41 0.00	86.97 0.61 0.00	87.32 0.69 0.00	73.11 0.29 0.00	68.88 0.28 0.00	51.56 0.26 0.00	49.38 0.20 0.00	47.83 0.19 0.00	46.77 0.14 0.00	47.14 0.14 0.00	49.74 0.15 0.00	55.56 0.17 0.00	67.84 0.14 0.00	77.59 0.16 0.00	68.29 0.14 0.00	61.00 0.00 0.00	55.12 0.11 0.00	49.60 0.05 0.00	46.48 -0.09 0.00
E_FISHKILL____LBMP 23776	70.40 1.98 -6.60	65.22 2.08 -0.20	62.55 2.00 0.00	61.46 1.85 0.00	62.85 1.92 -0.78	67.38 1.76 -7.09	97.08 3.54 -7.18	99.77 3.98 -9.16	81.53 2.69 -6.02	74.26 2.68 -2.98	53.10 1.80 0.00	50.80 1.62 0.00	49.26 1.62 0.00	48.22 1.59 0.00	48.69 1.69 0.00	51.32 1.74 0.00	57.39 1.99 0.00	70.35 2.44 -0.21	80.30 2.86 0.00	70.61 2.45 0.00	63.07 2.07 0.00	56.88 1.87 0.00	51.24 1.68 0.00	48.16 1.58 0.00
FALCON____SEABRD_CC1 323796	63.42 1.60 0.00	64.46 1.51 0.00	61.95 1.39 0.00	61.04 1.43 0.00	61.58 1.44 0.00	59.88 1.35 0.00	86.79 0.43 0.00	87.06 0.44 0.00	74.13 1.31 0.00	69.90 1.30 0.00	52.74 1.43 0.00	50.70 1.53 0.00	49.02 1.38 0.00	48.17 1.54 0.00	48.50 1.50 0.00	51.37 1.78 0.00	57.17 1.77 0.00	70.01 2.30 0.00	79.91 2.48 0.00	70.27 2.12 0.00	62.95 1.95 0.00	56.71 1.71 0.00	51.24 1.69 0.00	48.30 1.72 0.00

FALCON___SEABRD_CC2 323797	63.42 1.60 0.00	64.46 1.51 0.00	61.95 1.39 0.00	61.04 1.43 0.00	61.58 1.44 0.00	59.88 1.35 0.00	86.79 0.43 0.00	87.06 0.44 0.00	74.13 1.31 0.00	69.90 1.30 0.00	52.74 1.43 0.00	50.70 1.53 0.00	49.02 1.38 0.00	48.17 1.54 0.00	48.50 1.50 0.00	51.37 1.78 0.00	57.17 1.77 0.00	70.01 2.30 0.00	79.91 2.48 0.00	70.27 2.12 0.00	62.95 1.95 0.00	56.71 1.71 0.00	51.24 1.69 0.00	48.30 1.72 0.00
FAR ROCKAWAY___4 23548	80.57 3.83 -14.92	75.30 3.90 -8.45	72.91 3.81 -8.54	69.73 3.58 -6.54	74.68 3.67 -10.87	90.47 3.45 -28.48	116.17 6.30 -23.50	121.32 6.93 -27.76	90.39 4.73 -12.84	82.22 4.39 -9.23	54.64 3.33 0.00	52.23 3.05 0.00	50.79 3.14 0.00	49.52 2.89 0.00	50.10 3.10 0.00	53.83 3.37 -0.87	59.16 3.77 0.00	72.58 4.67 -0.21	86.19 5.65 -3.11	72.92 4.77 0.00	65.21 4.21 0.00	58.69 3.69 0.00	52.97 3.42 0.00	49.60 3.03 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	72.63 2.41 -8.40	66.00 2.46 -0.60	62.98 2.42 0.00	61.76 2.15 0.00	63.20 2.29 -0.77	67.65 2.11 -7.01	97.87 4.40 -7.10	102.44 5.11 -10.71	89.06 3.50 -12.75	81.25 3.50 -9.15	53.77 2.46 0.00	51.49 2.31 0.00	49.93 2.29 0.00	48.87 2.24 0.00	49.30 2.30 0.00	51.92 2.33 0.00	58.05 2.66 0.00	71.09 3.18 -0.21	81.23 3.79 0.00	71.29 3.14 0.00	63.74 2.74 0.00	57.43 2.42 0.00	51.78 2.23 0.00	48.57 2.00 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	72.63 2.41 -8.40	66.07 2.52 -0.60	62.98 2.42 0.00	61.82 2.21 0.00	63.20 2.29 -0.77	67.65 2.11 -7.01	97.87 4.40 -7.10	102.44 5.11 -10.71	89.06 3.50 -12.75	81.25 3.50 -9.15	53.77 2.46 0.00	51.44 2.26 0.00	49.93 2.29 0.00	48.87 2.24 0.00	49.30 2.30 0.00	51.92 2.33 0.00	58.05 2.66 0.00	71.09 3.18 -0.21	81.23 3.79 0.00	71.29 3.14 0.00	63.74 2.74 0.00	57.43 2.42 0.00	51.78 2.23 0.00	48.57 2.00 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	72.56 2.35 -8.40	66.00 2.46 -0.60	62.98 2.42 0.00	61.76 2.15 0.00	63.20 2.29 -0.77	67.59 2.05 -7.01	97.87 4.40 -7.10	102.44 5.11 -10.71	89.06 3.50 -12.75	81.18 3.43 -9.15	53.77 2.46 0.00	51.44 2.26 0.00	49.93 2.29 0.00	48.82 2.19 0.00	49.30 2.30 0.00	51.92 2.33 0.00	58.05 2.66 0.00	71.09 3.18 -0.21	81.15 3.72 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.37 2.37 0.00	51.78 2.23 0.00	48.53 1.96 0.00
FARRAGUT___LBMP 323566	72.50 2.29 -8.40	65.94 2.39 -0.60	62.92 2.36 0.00	61.70 2.09 0.00	63.14 2.23 -0.77	67.53 1.99 -7.01	97.78 4.32 -7.10	102.27 4.94 -10.71	88.99 3.42 -12.75	81.11 3.36 -9.15	53.72 2.41 0.00	51.39 2.21 0.00	49.88 2.24 0.00	48.78 2.15 0.00	49.21 2.21 0.00	51.87 2.28 0.00	58.00 2.60 0.00	71.02 3.11 -0.21	81.07 3.64 0.00	71.22 3.07 0.00	63.68 2.68 0.00	57.37 2.37 0.00	51.73 2.18 0.00	48.53 1.96 0.00
FENNER___WINDPWR 24204	62.80 0.99 0.00	63.95 1.00 0.00	61.46 0.91 0.00	60.62 1.01 0.00	61.16 1.02 0.00	59.77 1.23 0.00	88.52 2.16 0.00	88.10 1.47 0.00	73.55 0.73 0.00	69.08 0.48 0.00	51.77 0.46 0.00	49.62 0.44 0.00	48.07 0.43 0.00	46.96 0.33 0.00	47.28 0.28 0.00	49.89 0.30 0.00	56.23 0.83 0.00	68.92 1.22 0.00	78.98 1.55 0.00	69.59 1.43 0.00	62.22 1.22 0.00	56.05 1.04 0.00	50.39 0.84 0.00	47.27 0.70 0.00
FIBERTEK___ENERGY 23856	60.64 -1.17 0.00	61.75 -1.20 0.00	59.34 -1.21 0.00	58.42 -1.19 0.00	58.94 -1.20 0.00	57.72 -0.82 0.00	85.50 -0.86 0.00	85.76 -0.87 0.00	71.73 -1.09 0.00	67.37 -1.23 0.00	50.59 -0.72 0.00	48.64 -0.54 0.00	47.07 -0.57 0.00	45.98 -0.65 0.00	46.24 -0.75 0.00	48.80 -0.79 0.00	54.45 -0.94 0.00	66.69 -1.02 0.00	76.43 -1.01 0.00	67.20 -0.95 0.00	60.20 -0.79 0.00	54.35 -0.66 0.00	48.81 -0.74 0.00	45.83 -0.75 0.00
FITZPATRICK____ 23598	58.98 -2.84 0.00	60.06 -2.89 0.00	57.77 -2.78 0.00	56.87 -2.74 0.00	57.38 -2.77 0.00	56.08 -2.46 0.00	82.99 -3.37 0.00	83.16 -3.47 0.00	69.62 -3.20 0.00	65.52 -3.09 0.00	49.15 -2.15 0.00	47.16 -2.02 0.00	45.69 -1.96 0.00	44.67 -1.96 0.00	45.02 -1.97 0.00	47.46 -2.13 0.00	52.90 -2.49 0.00	64.73 -2.98 0.00	74.10 -3.33 0.00	65.23 -2.93 0.00	58.44 -2.56 0.00	52.70 -2.31 0.00	47.42 -2.13 0.00	44.57 -2.00 0.00
FLOWRFLD_69_KV_BK1 356044	81.49 4.76 -14.92	76.18 4.78 -8.45	73.70 4.60 -8.54	70.51 4.35 -6.54	75.53 4.51 -10.87	91.52 4.51 -28.48	117.64 7.77 -23.50	122.62 8.23 -27.76	91.41 5.75 -12.84	82.56 4.73 -9.23	55.00 3.69 0.00	52.38 3.20 0.00	51.02 3.38 0.00	49.71 3.08 0.00	50.38 3.38 0.00	54.43 3.97 -0.87	59.55 4.15 0.00	73.26 5.35 -0.21	87.28 6.74 -3.11	73.61 5.45 0.00	65.69 4.70 0.00	59.02 4.02 0.00	53.46 3.91 0.00	50.06 3.49 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	70.15 2.60 -5.73	65.66 2.71 0.00	63.22 2.66 0.00	62.17 2.56 0.00	63.51 2.59 -0.79	68.13 2.46 -7.13	98.25 4.66 -7.23	100.16 5.11 -8.43	79.08 3.50 -2.76	71.83 3.22 0.00	53.51 2.21 0.00	51.19 2.02 0.00	49.59 1.95 0.00	48.54 1.91 0.00	49.06 2.07 0.00	51.72 2.13 0.00	57.94 2.55 0.00	71.16 3.25 -0.21	81.38 3.95 0.00	71.43 3.27 0.00	63.86 2.87 0.00	57.48 2.48 0.00	51.78 2.23 0.00	48.57 2.00 0.00
FORT ORANGE____ 23900	93.74 2.48 -29.45	65.72 2.77 0.00	63.22 2.66 0.00	62.23 2.62 0.00	66.71 2.53 -4.04	97.51 2.34 -36.63	127.28 3.80 -37.12	133.10 3.21 -43.26	89.51 2.18 -14.51	71.00 2.40 0.00	52.64 1.33 0.00	50.31 1.13 0.00	48.74 1.10 0.00	47.70 1.07 0.00	48.17 1.18 0.00	50.93 1.34 0.00	57.11 1.72 0.00	70.77 1.96 -1.10	79.75 2.32 0.00	70.33 2.18 0.00	62.89 1.89 0.00	56.71 1.71 0.00	51.04 1.49 0.00	48.34 1.77 0.00
FORT_DRUM_COGEN 23780	65.16 3.34 0.00	66.35 3.40 0.00	63.82 3.27 0.00	63.07 3.46 0.00	63.33 3.19 0.00	61.81 3.28 0.00	89.73 3.37 0.00	90.70 4.07 0.00	76.68 3.86 0.00	71.28 2.68 0.00	53.72 2.41 0.00	51.19 2.02 0.00	49.50 1.86 0.00	48.36 1.73 0.00	48.69 1.69 0.00	51.47 1.88 0.00	56.95 1.55 0.00	70.14 2.44 0.00	78.90 1.47 0.00	71.63 3.48 0.00	63.99 2.99 0.00	57.59 2.59 0.00	52.08 2.53 0.00	48.76 2.19 0.00
FOX_HILLS___ESR 323835	72.94 2.72 -8.40	66.39 2.83 -0.61	63.29 2.72 -0.01	62.06 2.44 -0.01	63.45 2.53 -0.78	67.89 2.34 -7.02	98.39 4.92 -7.11	102.97 5.63 -10.71	89.47 3.93 -12.72	81.57 3.84 -9.12	63.35 2.77 -9.27	63.33 2.56 -11.60	63.37 2.57 -13.16	63.32 2.52 -14.17	63.37 2.58 -13.79	63.46 2.63 -11.24	104.42 2.99 -46.04	268.70 3.66 -197.34	307.37 4.34 -225.60	231.44 3.68 -159.61	214.26 3.17 -150.09	170.43 2.81 -112.62	63.24 2.63 -11.06	63.18 2.38 -14.23
FPL FAR_ROCK_GT1 24212	80.51 3.77 -14.92	75.31 3.90 -8.46	72.86 3.76 -8.55	69.74 3.58 -6.55	74.63 3.61 -10.88	90.42 3.39 -28.49	116.17 6.30 -23.51	121.33 6.93 -27.77	90.54 4.88 -12.84	82.23 4.39 -9.23	54.59 3.29 0.00	52.23 3.05 0.00	50.74 3.09 0.00	49.57 2.94 0.00	50.10 3.10 0.00	53.84 3.37 -0.88	59.16 3.77 0.00	72.58 4.67 -0.21	86.13 5.58 -3.11	72.85 4.70 0.00	65.27 4.27 0.00	58.58 3.57 0.00	52.98 3.42 -0.01	49.69 3.12 0.00

FPL FAR_ROCK_GT2 23815	80.51 3.77 -14.92	75.31 3.90 -8.46	72.86 3.76 -8.55	69.74 3.58 -6.55	74.63 3.61 -10.88	90.42 3.39 -28.49	116.17 6.30 -23.51	121.33 6.93 -27.77	90.54 4.88 -12.84	82.23 4.39 -9.23	54.59 3.29 0.00	52.23 3.05 0.00	50.74 3.09 0.00	49.57 2.94 0.00	50.10 3.10 0.00	53.84 3.37 -0.88	59.16 3.77 0.00	72.58 4.67 -0.21	86.13 5.58 -3.11	72.85 4.70 0.00	65.27 4.27 0.00	58.58 3.57 0.00	52.98 3.42 -0.01	49.69 3.12 0.00
FRANKLIN_FALL_HYD 24054	65.28 3.46 0.00	66.35 3.40 0.00	63.82 3.27 0.00	62.95 3.34 0.00	63.21 3.07 0.00	61.23 2.69 0.00	86.79 0.43 0.00	87.06 0.43 0.00	75.81 2.99 0.00	71.35 2.74 0.00	53.87 2.57 0.00	51.74 2.56 0.00	50.07 2.43 0.00	49.10 2.47 0.00	49.44 2.44 0.00	52.22 2.63 0.00	57.72 2.33 0.00	70.62 2.91 0.00	78.36 0.93 0.00	70.81 2.66 0.00	63.50 2.50 0.00	57.32 2.31 0.00	52.13 2.58 0.00	49.18 2.61 0.00
FREEPORT_EQUS_GT1 23764	80.20 3.46 -14.92	74.93 3.52 -8.46	72.55 3.45 -8.55	69.38 3.22 -6.55	74.33 3.31 -10.88	90.18 3.16 -28.49	115.83 5.95 -23.51	120.90 6.50 -27.77	90.17 4.52 -12.84	81.81 3.98 -9.23	54.33 3.03 0.00	51.93 2.75 0.00	50.45 2.81 0.00	49.29 2.66 0.00	49.86 2.87 0.00	53.64 3.18 -0.88	58.78 3.38 0.00	72.11 4.20 -0.21	85.66 5.11 -3.11	72.45 4.30 0.00	64.84 3.85 0.00	58.20 3.19 0.00	52.73 3.17 -0.01	49.46 2.89 0.00
FREEPORT___CT2 23818	80.20 3.46 -14.92	74.93 3.52 -8.46	72.55 3.45 -8.55	69.38 3.22 -6.55	74.33 3.31 -10.88	90.18 3.16 -28.49	115.83 5.95 -23.51	120.90 6.50 -27.77	90.17 4.52 -12.84	81.81 3.98 -9.23	54.33 3.03 0.00	51.93 2.75 0.00	50.45 2.81 0.00	49.29 2.66 0.00	49.86 2.87 0.00	53.64 3.18 -0.88	58.78 3.38 0.00	72.11 4.20 -0.21	85.66 5.11 -3.11	72.45 4.30 0.00	64.84 3.85 0.00	58.20 3.19 0.00	52.73 3.17 -0.01	49.46 2.89 0.00
FRESHKLS_33_KV_LOAD 356253	72.74 2.53 -8.38	66.12 2.58 -0.59	63.03 2.48 0.01	61.83 2.21 -0.01	63.25 2.35 -0.76	67.70 2.17 -7.00	98.03 4.58 -7.09	102.60 5.28 -10.69	89.18 3.64 -12.72	81.36 3.64 -9.12	63.14 2.57 -9.27	63.19 2.41 -11.60	63.18 2.38 -13.16	63.13 2.33 -14.17	63.18 2.40 -13.79	63.31 2.48 -11.24	99.15 2.83 -40.93	246.63 3.45 -175.47	185.47 4.10 -103.94	213.46 3.41 -141.90	130.47 2.99 -66.49	161.58 2.64 -103.94	63.09 2.48 -11.06	63.04 2.24 -14.23
FULTON COGEN____ 23766	60.89 -0.93 0.00	62.01 -0.94 0.00	59.59 -0.97 0.00	58.72 -0.89 0.00	59.18 -0.96 0.00	58.01 -0.53 0.00	85.93 -0.43 0.00	86.19 -0.43 0.00	72.02 -0.80 0.00	67.50 -1.10 0.00	50.74 -0.56 0.00	48.74 -0.44 0.00	47.12 -0.52 0.00	46.07 -0.56 0.00	46.24 -0.75 0.00	48.80 -0.79 0.00	54.51 -0.89 0.00	66.82 -0.88 0.00	76.58 -0.85 0.00	67.54 -0.61 0.00	60.51 -0.49 0.00	54.62 -0.39 0.00	49.01 -0.55 0.00	45.97 -0.61 0.00
FULTON___LFGE 323630	123.07 4.70 -56.55	67.61 4.66 0.00	65.10 4.54 0.00	64.14 4.53 0.00	72.65 4.75 -7.76	133.69 4.80 -70.35	164.82 7.16 -71.29	177.17 7.45 -83.09	105.89 5.39 -27.68	73.06 4.46 0.00	54.18 2.87 0.00	51.54 2.36 0.00	49.79 2.15 0.00	49.01 2.38 0.00	49.44 2.44 0.00	52.46 2.88 0.00	59.33 3.93 0.00	74.95 5.14 -2.10	83.40 5.96 0.00	73.54 5.38 0.00	65.63 4.63 0.00	59.30 4.29 0.00	53.27 3.72 0.00	49.78 3.21 0.00
G.F.CEMENT___DRP 24184	122.03 5.87 -54.34	68.80 5.85 0.00	66.25 5.69 0.00	65.16 5.54 0.00	73.37 5.77 -7.46	131.81 5.68 -67.60	163.42 8.55 -68.51	175.22 8.75 -79.84	106.66 7.14 -26.70	75.39 6.79 0.00	55.61 4.31 0.00	53.06 3.89 0.00	51.17 3.53 0.00	49.99 3.36 0.00	50.47 3.48 0.00	53.56 3.97 0.00	60.38 4.99 0.00	76.03 6.30 -2.03	84.48 7.05 0.00	74.36 6.20 0.00	66.24 5.25 0.00	59.96 4.95 0.00	53.81 4.26 0.00	50.39 3.82 0.00
GARDENVILLE___LBMP 24039	57.68 -4.14 0.00	58.61 -4.34 0.00	56.38 -4.18 0.00	55.86 -3.76 0.00	56.23 -3.91 0.00	55.84 -2.69 0.00	82.82 -3.54 0.00	81.95 -4.68 0.00	67.80 -5.02 0.00	63.59 -5.01 0.00	48.79 -2.51 0.00	47.31 -1.87 0.00	45.69 -1.95 0.00	44.86 -1.77 0.00	45.07 -1.93 0.00	47.21 -2.38 0.00	52.07 -3.32 0.00	63.51 -4.20 0.00	73.25 -4.18 0.00	64.41 -3.75 0.00	58.31 -2.68 0.00	52.59 -2.42 0.00	47.82 -1.73 0.00	45.13 -1.44 0.00
GARDNVLA_35_KV_LD 355827	57.99 -3.83 0.00	58.86 -4.09 0.00	56.62 -3.94 0.00	56.15 -3.46 0.00	56.53 -3.61 0.00	56.14 -2.40 0.00	83.25 -3.11 0.00	82.47 -4.16 0.00	68.16 -4.66 0.00	64.01 -4.60 0.00	49.10 -2.21 0.00	47.60 -1.57 0.00	45.97 -1.67 0.00	45.14 -1.49 0.00	45.35 -1.64 0.00	47.51 -2.08 0.00	52.40 -2.99 0.00	63.91 -3.79 0.00	73.64 -3.79 0.00	64.75 -3.41 0.00	58.68 -2.32 0.00	52.86 -2.15 0.00	48.11 -1.44 0.00	45.36 -1.21 0.00
GELCKHM___115KV_LOAD 80723	59.96 -1.85 0.00	61.06 -1.89 0.00	58.68 -1.88 0.00	57.82 -1.79 0.00	58.34 -1.80 0.00	57.07 -1.46 0.00	84.55 -1.81 0.00	84.81 -1.82 0.00	70.93 -1.89 0.00	66.68 -1.92 0.00	50.07 -1.23 0.00	48.10 -1.08 0.00	46.55 -1.10 0.00	45.51 -1.12 0.00	45.82 -1.17 0.00	48.30 -1.29 0.00	53.90 -1.50 0.00	65.94 -1.76 0.00	75.57 -1.86 0.00	66.52 -1.64 0.00	59.59 -1.40 0.00	53.74 -1.27 0.00	48.31 -1.24 0.00	45.41 -1.16 0.00
GENERAL___MILLS 23808	57.86 -3.96 0.00	58.73 -4.22 0.00	56.50 -4.06 0.00	56.03 -3.58 0.00	56.41 -3.73 0.00	56.02 -2.52 0.00	83.08 -3.28 0.00	82.21 -4.42 0.00	68.01 -4.81 0.00	63.80 -4.80 0.00	48.95 -2.36 0.00	47.51 -1.67 0.00	45.88 -1.76 0.00	45.05 -1.59 0.00	45.21 -1.79 0.00	47.36 -2.23 0.00	52.24 -3.16 0.00	63.71 -3.99 0.00	73.48 -3.95 0.00	64.61 -3.54 0.00	58.50 -2.50 0.00	52.75 -2.26 0.00	48.01 -1.54 0.00	45.27 -1.30 0.00
GE_PLASTICS___DRP 24183	88.04 1.92 -24.30	65.03 2.08 0.00	62.55 2.00 0.00	61.58 1.97 0.00	65.40 1.92 -3.33	90.53 1.76 -30.23	119.94 2.94 -30.64	125.37 3.03 -35.71	86.37 2.11 -11.44	70.80 2.20 0.00	52.64 1.33 0.00	50.36 1.18 0.00	48.78 1.14 0.00	47.75 1.12 0.00	48.17 1.17 0.00	50.88 1.29 0.00	57.00 1.61 0.00	70.40 1.83 -0.87	79.60 2.17 0.00	70.06 1.91 0.00	62.64 1.65 0.00	56.49 1.49 0.00	50.89 1.34 0.00	47.88 1.30 0.00
GILBOA___1 23756	66.70 1.30 -3.58	64.27 1.32 0.00	61.83 1.27 0.00	60.87 1.25 0.00	61.90 1.26 -0.49	64.22 1.23 -4.46	93.04 2.16 -4.52	94.31 2.42 -5.26	76.12 1.60 -1.70	70.25 1.64 0.00	52.33 1.03 0.00	50.11 0.93 0.00	48.59 0.95 0.00	47.56 0.93 0.00	47.98 0.99 0.00	50.58 0.99 0.00	56.56 1.17 0.00	69.12 1.28 -0.13	78.90 1.47 0.00	69.45 1.29 0.00	62.22 1.22 0.00	56.11 1.10 0.00	50.59 1.04 0.00	47.55 0.98 0.00
GILBOA___2 23757	66.70 1.30 -3.58	64.27 1.32 0.00	61.83 1.27 0.00	60.87 1.25 0.00	61.90 1.26 -0.49	64.22 1.23 -4.46	93.04 2.16 -4.52	94.31 2.42 -5.26	76.12 1.60 -1.70	70.25 1.64 0.00	52.33 1.03 0.00	50.11 0.93 0.00	48.59 0.95 0.00	47.56 0.93 0.00	47.98 0.99 0.00	50.58 0.99 0.00	56.56 1.17 0.00	69.12 1.28 -0.13	78.90 1.47 0.00	69.45 1.29 0.00	62.22 1.22 0.00	56.11 1.10 0.00	50.59 1.04 0.00	47.55 0.98 0.00

GILBOA___3 23758	66.70 1.30 -3.58	64.27 1.32 0.00	61.83 1.27 0.00	60.87 1.25 0.00	61.90 1.26 -0.49	64.22 1.23 -4.46	93.04 2.16 -4.52	94.31 2.42 -5.26	76.12 1.60 -1.70	70.25 1.64 0.00	52.33 1.03 0.00	50.11 0.93 0.00	48.59 0.95 0.00	47.56 0.93 0.00	47.98 0.99 0.00	50.58 0.99 0.00	56.56 1.17 0.00	69.12 1.28 -0.13	78.90 1.47 0.00	69.45 1.29 0.00	62.22 1.22 0.00	56.11 1.10 0.00	50.59 1.04 0.00	47.55 0.98 0.00
GILBOA___4 23759	66.70 1.30 -3.58	64.27 1.32 0.00	61.83 1.27 0.00	60.87 1.25 0.00	61.90 1.26 -0.49	64.22 1.23 -4.46	93.04 2.16 -4.52	94.31 2.42 -5.26	76.12 1.60 -1.70	70.25 1.64 0.00	52.33 1.03 0.00	50.11 0.93 0.00	48.59 0.95 0.00	47.56 0.93 0.00	47.98 0.99 0.00	50.58 0.99 0.00	56.56 1.17 0.00	69.12 1.28 -0.13	78.90 1.47 0.00	69.45 1.29 0.00	62.22 1.22 0.00	56.11 1.10 0.00	50.59 1.04 0.00	47.55 0.98 0.00
GILBOA___ 23599	66.70 1.30 -3.58	64.27 1.32 0.00	61.83 1.27 0.00	60.86 1.25 0.00	61.90 1.26 -0.49	64.22 1.23 -4.46	93.03 2.16 -4.52	94.23 2.34 -5.26	76.05 1.53 -1.70	70.25 1.65 0.00	52.33 1.03 0.00	50.11 0.93 0.00	48.59 0.95 0.00	47.56 0.93 0.00	47.98 0.99 0.00	50.58 0.99 0.00	56.56 1.16 0.00	69.12 1.29 -0.13	78.98 1.55 0.00	69.59 1.43 0.00	62.22 1.22 0.00	56.11 1.10 0.00	50.54 0.99 0.00	47.50 0.93 0.00
GINNA___ 23603	56.07 -5.75 0.00	57.10 -5.85 0.00	55.04 -5.51 0.00	54.31 -5.31 0.00	54.73 -5.41 0.00	53.85 -4.69 0.00	79.88 -6.48 0.00	80.13 -6.50 0.00	66.70 -6.12 0.00	62.43 -6.17 0.00	47.25 -4.05 0.00	45.59 -3.59 0.00	44.17 -3.48 0.00	43.08 -3.55 0.00	43.23 -3.76 0.00	45.47 -4.12 0.00	50.52 -4.88 0.00	61.88 -5.82 0.00	70.93 -6.50 0.00	62.50 -5.66 0.00	56.06 -4.94 0.00	50.55 -4.45 0.00	45.44 -4.11 0.00	42.75 -3.82 0.00
GLEN PARK___ 23778	65.53 3.71 0.00	66.73 3.78 0.00	64.19 3.63 0.00	63.48 3.87 0.00	63.69 3.55 0.00	62.23 3.69 0.00	90.59 4.23 0.00	91.39 4.76 0.00	75.37 2.55 0.00	70.52 1.92 0.00	53.82 2.51 0.00	51.29 2.11 0.00	49.60 1.95 0.00	48.36 1.73 0.00	48.74 1.74 0.00	51.52 1.93 0.00	57.17 1.77 0.00	70.55 2.84 0.00	81.07 3.64 0.00	72.17 4.02 0.00	64.47 3.48 0.00	57.98 2.97 0.00	52.37 2.82 0.00	48.99 2.42 0.00
GLENDALE_27_KV_LOAD 356172	73.12 2.91 -8.40	66.58 3.02 -0.61	63.47 2.91 -0.01	62.30 2.68 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.65 5.18 -7.11	103.23 5.89 -10.71	89.71 4.15 -12.74	81.79 4.05 -9.14	71.03 2.92 -16.80	68.73 2.75 -16.80	55.79 2.72 -5.43	61.74 2.66 -12.46	51.94 2.73 -2.22	58.87 2.78 -6.51	65.16 3.16 -6.61	100.11 3.86 -28.54	92.25 4.57 -10.25	94.91 3.82 -22.94	66.37 3.35 -2.02	57.99 2.97 -0.01	52.68 2.73 -0.40	49.00 2.42 -0.01
GLENWOOD_IC_1_G5 23712	80.26 3.52 -14.92	74.99 3.59 -8.45	72.55 3.45 -8.54	69.43 3.28 -6.54	74.38 3.37 -10.87	90.23 3.22 -28.48	115.82 5.96 -23.50	120.89 6.50 -27.76	90.17 4.51 -12.84	81.95 4.12 -9.23	54.43 3.13 0.00	52.03 2.85 0.00	50.60 2.95 0.00	49.38 2.75 0.00	49.91 2.91 0.00	53.68 3.22 -0.87	58.89 3.49 0.00	72.24 4.33 -0.21	85.80 5.27 -3.11	72.52 4.36 0.00	64.78 3.78 0.00	58.31 3.30 0.00	52.67 3.12 0.00	49.37 2.79 0.00
GLENWOOD_IC_2_G1 23688	79.89 3.15 -14.92	74.68 3.27 -8.46	72.25 3.15 -8.55	69.14 2.98 -6.55	74.09 3.07 -10.88	89.95 2.93 -28.49	115.40 5.53 -23.51	120.55 6.15 -27.77	89.88 4.22 -12.84	81.67 3.84 -9.23	54.13 2.82 0.00	51.73 2.56 0.00	50.26 2.62 0.00	49.15 2.52 0.00	49.67 2.68 0.00	53.39 2.93 -0.88	58.61 3.21 0.00	71.84 3.93 -0.21	85.27 4.72 -3.11	72.11 3.95 0.00	64.53 3.54 0.00	57.92 2.91 0.00	52.48 2.92 -0.01	49.23 2.65 0.00
GLENWOOD_IC_3_G1 23689	79.89 3.15 -14.92	74.68 3.27 -8.46	72.25 3.15 -8.55	69.14 2.98 -6.55	74.09 3.07 -10.88	89.95 2.93 -28.49	115.40 5.53 -23.51	120.55 6.15 -27.77	89.88 4.22 -12.84	81.67 3.84 -9.23	54.13 2.82 0.00	51.73 2.56 0.00	50.26 2.62 0.00	49.15 2.52 0.00	49.67 2.68 0.00	53.39 2.93 -0.88	58.61 3.21 0.00	71.84 3.93 -0.21	85.27 4.72 -3.11	72.11 3.95 0.00	64.53 3.54 0.00	57.92 2.91 0.00	52.48 2.92 -0.01	49.23 2.65 0.00
GLENWOOD___4 23550	80.26 3.52 -14.92	74.99 3.59 -8.45	72.55 3.45 -8.54	69.43 3.28 -6.54	74.38 3.37 -10.87	90.23 3.22 -28.48	115.82 5.96 -23.50	120.89 6.50 -27.76	90.17 4.51 -12.84	81.95 4.12 -9.23	54.43 3.13 0.00	52.03 2.85 0.00	50.60 2.95 0.00	49.38 2.75 0.00	49.91 2.91 0.00	53.68 3.22 -0.87	58.89 3.49 0.00	72.24 4.33 -0.21	85.80 5.27 -3.11	72.52 4.36 0.00	64.78 3.78 0.00	58.31 3.30 0.00	52.67 3.12 0.00	49.37 2.79 0.00
GLENWOOD___5 23614	80.26 3.52 -14.92	74.99 3.59 -8.45	72.55 3.45 -8.54	69.43 3.28 -6.54	74.38 3.37 -10.87	90.23 3.22 -28.48	115.82 5.96 -23.50	120.89 6.50 -27.76	90.17 4.51 -12.84	81.95 4.12 -9.23	54.43 3.13 0.00	52.03 2.85 0.00	50.60 2.95 0.00	49.38 2.75 0.00	49.91 2.91 0.00	53.68 3.22 -0.87	58.89 3.49 0.00	72.24 4.33 -0.21	85.80 5.27 -3.11	72.52 4.36 0.00	64.78 3.78 0.00	58.31 3.30 0.00	52.67 3.12 0.00	49.37 2.79 0.00
GLOBAL GREEN_PORT_GT1 23814	82.74 5.99 -14.92	77.26 5.86 -8.46	74.43 5.33 -8.55	71.11 4.95 -6.55	76.08 5.05 -10.88	92.06 5.03 -28.49	118.34 8.47 -23.51	123.32 8.92 -27.77	91.63 5.97 -12.84	82.56 4.73 -9.23	54.38 3.08 0.00	51.69 2.51 0.00	50.31 2.67 0.00	49.05 2.42 0.00	49.67 2.68 0.00	53.79 3.32 -0.88	58.83 3.44 0.00	72.52 4.61 -0.21	86.43 5.88 -3.11	72.92 4.77 0.00	65.20 4.21 0.00	58.20 3.19 0.00	52.68 3.12 -0.01	49.83 3.26 0.00
GLOBE___DSASP 323697	55.33 -6.49 0.00	56.28 -6.67 0.00	54.20 -6.36 0.00	53.65 -5.96 0.00	54.01 -6.13 0.00	53.56 -4.98 0.00	79.11 -7.25 0.00	78.22 -8.40 0.00	64.66 -8.16 0.00	60.71 -7.89 0.00	46.64 -4.67 0.00	45.24 -3.93 0.00	43.73 -3.91 0.00	42.95 -3.68 0.00	43.14 -3.85 0.00	45.13 -4.46 0.00	49.58 -5.82 0.00	60.46 -7.24 0.00	69.69 -7.74 0.00	61.34 -6.82 0.00	55.63 -5.37 0.00	50.28 -4.73 0.00	45.83 -3.72 0.00	43.31 -3.26 0.00
GOETHSLN___LBMP 323567	72.13 1.92 -8.40	65.56 2.01 -0.60	62.49 1.94 0.00	61.34 1.73 0.00	62.78 1.86 -0.77	67.18 1.64 -7.01	97.26 3.80 -7.10	101.75 4.42 -10.71	87.59 2.91 -11.86	80.63 2.88 -9.15	53.36 2.05 0.00	51.10 1.92 0.00	49.55 1.91 0.00	48.50 1.87 0.00	48.92 1.93 0.00	51.52 1.93 0.00	57.61 2.22 0.00	70.62 2.71 -0.21	74.62 3.17 5.99	70.74 2.59 0.00	63.25 2.26 0.00	56.99 1.98 0.00	51.43 1.88 0.00	48.20 1.63 0.00
GOLAH___69_KV_TB 1_2 80279	58.23 -3.59 0.00	59.11 -3.84 0.00	56.98 -3.57 0.00	56.27 -3.34 0.00	56.71 -3.43 0.00	56.08 -2.46 0.00	82.99 -3.37 0.00	82.81 -3.81 0.00	68.52 -4.30 0.00	64.21 -4.39 0.00	48.84 -2.46 0.00	47.16 -2.02 0.00	45.59 -2.05 0.00	44.67 -1.96 0.00	44.83 -2.16 0.00	47.06 -2.53 0.00	52.18 -3.21 0.00	63.84 -3.86 0.00	73.56 -3.87 0.00	64.75 -3.41 0.00	58.37 -2.62 0.00	52.75 -2.26 0.00	47.67 -1.88 0.00	44.85 -1.72 0.00

GOODYEAR_LAKE_HYD 323669	81.45 2.10 -17.53	65.09 2.14 0.00	62.61 2.06 0.00	61.70 2.09 0.00	64.65 2.10 -2.40	82.62 2.28 -21.80	112.43 3.97 -22.09	116.62 4.24 -25.75	84.38 2.99 -8.57	71.14 2.54 0.00	53.25 1.95 0.00	50.90 1.72 0.00	49.36 1.72 0.00	48.31 1.68 0.00	48.59 1.60 0.00	51.27 1.69 0.00	57.39 1.99 0.00	70.93 2.57 -0.65	80.53 3.10 0.00	70.95 2.79 0.00	63.38 2.38 0.00	57.10 2.09 0.00	51.38 1.83 0.00	48.16 1.58 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	63.61 -0.74 -2.54	62.13 -0.82 0.00	59.71 -0.85 0.00	58.96 -0.66 0.00	59.77 -0.72 -0.35	61.46 -0.23 -3.15	89.73 0.17 -3.20	90.26 -0.09 -3.73	73.25 -0.80 -1.23	67.71 -0.89 0.00	50.95 -0.36 0.00	48.98 -0.20 0.00	47.40 -0.24 0.00	46.40 -0.23 0.00	46.67 -0.33 0.00	49.19 -0.40 0.00	54.84 -0.55 0.00	67.32 -0.47 -0.09	77.12 -0.31 0.00	67.81 -0.34 0.00	60.81 -0.18 0.00	54.79 -0.22 0.00	49.40 -0.15 0.00	46.43 -0.14 0.00
GOUDEY___7 23579	63.61 -0.74 -2.54	62.13 -0.82 0.00	59.71 -0.85 0.00	58.96 -0.66 0.00	59.77 -0.72 -0.35	61.46 -0.23 -3.15	89.73 0.17 -3.20	90.26 -0.09 -3.73	73.25 -0.80 -1.23	67.71 -0.89 0.00	50.95 -0.36 0.00	48.98 -0.20 0.00	47.40 -0.24 0.00	46.40 -0.23 0.00	46.67 -0.33 0.00	49.19 -0.40 0.00	54.84 -0.55 0.00	67.32 -0.47 -0.09	77.12 -0.31 0.00	67.81 -0.34 0.00	60.81 -0.18 0.00	54.79 -0.22 0.00	49.40 -0.15 0.00	46.43 -0.14 0.00
GOUDEY___8 23580	63.61 -0.74 -2.54	62.13 -0.82 0.00	59.71 -0.85 0.00	58.96 -0.66 0.00	59.77 -0.72 -0.35	61.46 -0.23 -3.15	89.73 0.17 -3.20	90.26 -0.09 -3.73	73.25 -0.80 -1.23	67.71 -0.89 0.00	50.95 -0.36 0.00	48.98 -0.20 0.00	47.40 -0.24 0.00	46.40 -0.23 0.00	46.67 -0.33 0.00	49.19 -0.40 0.00	54.84 -0.55 0.00	67.32 -0.47 -0.09	77.12 -0.31 0.00	67.81 -0.34 0.00	60.81 -0.18 0.00	54.79 -0.22 0.00	49.40 -0.15 0.00	46.43 -0.14 0.00
GOWANUS_GT1_1 24077	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.38 4.72 -229.22	231.71 3.95 -159.61	215.49 3.48 -151.02	171.15 3.14 -113.01	63.49 2.87 -11.06	63.41 2.61 -14.23
GOWANUS_GT1_2 24078	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.38 4.72 -229.22	231.71 3.95 -159.61	215.49 3.48 -151.02	171.15 3.14 -113.01	63.49 2.87 -11.06	63.41 2.61 -14.23
GOWANUS_GT1_3 24079	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.38 4.72 -229.22	231.71 3.95 -159.61	215.49 3.48 -151.02	171.15 3.14 -113.01	63.49 2.87 -11.06	63.41 2.61 -14.23
GOWANUS_GT1_4 24080	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.38 4.72 -229.22	231.71 3.95 -159.61	215.49 3.48 -151.02	171.15 3.14 -113.01	63.49 2.87 -11.06	63.41 2.61 -14.23
GOWANUS_GT1_5 24084	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.38 4.72 -229.22	231.71 3.95 -159.61	215.49 3.48 -151.02	171.15 3.14 -113.01	63.49 2.87 -11.06	63.41 2.61 -14.23
GOWANUS_GT1_6 24111	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.38 4.72 -229.22	231.71 3.95 -159.61	215.49 3.48 -151.02	171.15 3.14 -113.01	63.49 2.87 -11.06	63.41 2.61 -14.23
GOWANUS_GT1_7 24112	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.38 4.72 -229.22	231.71 3.95 -159.61	215.49 3.48 -151.02	171.15 3.14 -113.01	63.49 2.87 -11.06	63.41 2.61 -14.23
GOWANUS_GT1_8 24113	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.38 4.72 -229.22	231.71 3.95 -159.61	215.49 3.48 -151.02	171.15 3.14 -113.01	63.49 2.87 -11.06	63.41 2.61 -14.23
GOWANUS_GT2_1 24114	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.06 4.65 -221.98	231.71 3.95 -159.61	213.70 3.54 -149.17	170.42 3.19 -112.22	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT2_2 24115	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.06 4.65 -221.98	231.71 3.95 -159.61	213.70 3.54 -149.17	170.42 3.19 -112.22	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT2_3 24116	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.06 4.65 -221.98	231.71 3.95 -159.61	213.70 3.54 -149.17	170.42 3.19 -112.22	63.64 3.02 -11.06	63.55 2.75 -14.23

GOWANUS_GT2_4 24117	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.06 4.65 -221.98	231.71 3.95 -159.61	213.70 3.54 -149.17	170.42 3.19 -112.22	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT2_5 24118	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.06 4.65 -221.98	231.71 3.95 -159.61	213.70 3.54 -149.17	170.42 3.19 -112.22	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT2_6 24119	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.06 4.65 -221.98	231.71 3.95 -159.61	213.70 3.54 -149.17	170.42 3.19 -112.22	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT2_7 24120	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.06 4.65 -221.98	231.71 3.95 -159.61	213.70 3.54 -149.17	170.42 3.19 -112.22	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT2_8 24121	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.06 4.65 -221.98	231.71 3.95 -159.61	213.70 3.54 -149.17	170.42 3.19 -112.22	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT3_1 24122	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.30 4.65 -229.22	231.71 3.95 -159.61	215.55 3.54 -151.02	171.21 3.19 -113.01	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT3_2 24123	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.30 4.65 -229.22	231.71 3.95 -159.61	215.55 3.54 -151.02	171.21 3.19 -113.01	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT3_3 24124	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.30 4.65 -229.22	231.71 3.95 -159.61	215.55 3.54 -151.02	171.21 3.19 -113.01	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT3_4 24125	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.30 4.65 -229.22	231.71 3.95 -159.61	215.55 3.54 -151.02	171.21 3.19 -113.01	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT3_5 24126	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.30 4.65 -229.22	231.71 3.95 -159.61	215.55 3.54 -151.02	171.21 3.19 -113.01	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT3_6 24127	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.30 4.65 -229.22	231.71 3.95 -159.61	215.55 3.54 -151.02	171.21 3.19 -113.01	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT3_7 24128	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.30 4.65 -229.22	231.71 3.95 -159.61	215.55 3.54 -151.02	171.21 3.19 -113.01	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT3_8 24129	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.30 4.65 -229.22	231.71 3.95 -159.61	215.55 3.54 -151.02	171.21 3.19 -113.01	63.64 3.02 -11.06	63.55 2.75 -14.23
GOWANUS_GT4_1 24130	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.13 4.72 -221.98	231.71 3.95 -159.61	213.64 3.48 -149.17	170.37 3.14 -112.22	63.49 2.87 -11.06	63.41 2.61 -14.23
GOWANUS_GT4_2 24131	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.13 4.72 -221.98	231.71 3.95 -159.61	213.64 3.48 -149.17	170.37 3.14 -112.22	63.49 2.87 -11.06	63.41 2.61 -14.23

GOWANUS_GT4_3 24132	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.13 4.72 -221.98	231.71 3.95 -159.61	213.64 3.48 -149.17	170.37 3.14 -112.22	63.49 2.87 -11.06	63.41 2.61 -14.23
GOWANUS_GT4_4 24133	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.13 4.72 -221.98	231.71 3.95 -159.61	213.64 3.48 -149.17	170.37 3.14 -112.22	63.49 2.87 -11.06	63.41 2.61 -14.23
GOWANUS_GT4_5 24134	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.13 4.72 -221.98	231.71 3.95 -159.61	213.64 3.48 -149.17	170.37 3.14 -112.22	63.49 2.87 -11.06	63.41 2.61 -14.23
GOWANUS_GT4_6 24135	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.13 4.72 -221.98	231.71 3.95 -159.61	213.64 3.48 -149.17	170.37 3.14 -112.22	63.49 2.87 -11.06	63.41 2.61 -14.23
GOWANUS_GT4_7 24136	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.13 4.72 -221.98	231.71 3.95 -159.61	213.64 3.48 -149.17	170.37 3.14 -112.22	63.49 2.87 -11.06	63.41 2.61 -14.23
GOWANUS_GT4_8 24137	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.13 4.72 -221.98	231.71 3.95 -159.61	213.64 3.48 -149.17	170.37 3.14 -112.22	63.49 2.87 -11.06	63.41 2.61 -14.23
GREENBSH_115KV_TB3 55895	94.61 2.29 -30.51	65.41 2.46 0.00	62.92 2.36 0.00	61.88 2.27 0.00	66.61 2.29 -4.19	98.60 2.11 -37.95	128.28 3.45 -38.46	134.92 3.47 -44.83	90.46 2.55 -15.09	71.21 2.61 0.00	52.90 1.59 0.00	50.56 1.38 0.00	48.98 1.33 0.00	47.94 1.31 0.00	48.41 1.41 0.00	51.13 1.54 0.00	57.28 1.88 0.00	71.08 2.23 -1.15	79.99 2.56 0.00	70.40 2.25 0.00	62.89 1.89 0.00	56.77 1.76 0.00	51.09 1.54 0.00	48.11 1.54 0.00
GREENEDGE_115KV_TB5 80291	61.55 -1.79 -1.53	61.12 -1.83 0.00	58.74 -1.82 0.00	57.94 -1.67 0.00	58.73 -1.62 -0.21	59.62 -0.82 -1.90	87.16 -1.12 -1.93	87.40 -1.47 -2.24	71.74 -1.82 -0.74	66.34 -2.26 0.00	50.38 -0.92 0.00	48.54 -0.64 0.00	46.93 -0.71 0.00	45.88 -0.75 0.00	46.15 -0.85 0.00	48.60 -0.99 0.00	54.18 -1.22 0.00	66.34 -1.42 -0.06	76.19 4.72 0.00	66.93 3.95 0.00	60.08 3.48 0.00	54.29 3.14 0.00	48.76 2.87 0.00	45.78 2.61 0.00
GREENIDGE___3 23582	61.55 -1.79 -1.53	61.12 -1.83 0.00	58.74 -1.82 0.00	57.94 -1.67 0.00	58.73 -1.62 -0.21	59.62 -0.82 -1.90	87.16 -1.12 -1.93	87.40 -1.47 -2.24	71.74 -1.82 -0.74	66.34 -2.26 0.00	50.38 -0.92 0.00	48.54 -0.64 0.00	46.93 -0.71 0.00	45.88 -0.75 0.00	46.15 -0.85 0.00	48.60 -0.99 0.00	54.18 -1.22 0.00	66.34 -1.42 -0.06	76.19 4.72 0.00	66.93 3.95 0.00	60.08 3.48 0.00	54.29 3.14 0.00	48.76 2.87 0.00	45.78 2.61 0.00
GREENIDGE___4 23583	61.61 -1.73 -1.53	61.19 -1.76 0.00	58.80 -1.76 0.00	58.30 -1.31 0.00	58.79 -1.56 -0.21	59.62 -0.82 -1.90	87.34 -0.95 -1.93	87.57 -1.30 -2.24	71.89 -1.67 -0.74	66.40 -2.20 0.00	50.38 -0.92 0.00	48.54 -0.64 0.00	46.97 -0.67 0.00	45.88 -0.75 0.00	46.15 -0.84 0.00	48.60 -0.99 0.00	54.18 -1.22 0.00	66.34 -1.42 -0.06	76.12 -1.32 0.00	66.99 -1.16 0.00	60.02 -0.98 0.00	54.29 -0.72 0.00	48.66 -0.89 0.00	45.73 -0.84 0.00
GREENLWN_69_KV_BK 3 55738	81.68 4.95 -14.92	76.43 5.04 -8.45	73.94 4.84 -8.54	70.74 4.59 -6.54	75.77 4.75 -10.87	91.70 4.68 -28.48	117.72 7.86 -23.50	121.93 7.54 -27.76	91.85 6.19 -12.84	83.18 5.35 -9.23	55.51 4.21 0.00	52.92 3.74 0.00	51.55 3.91 0.00	50.22 3.59 0.00	50.90 3.90 0.00	54.92 4.46 -0.87	59.22 3.82 0.00	72.18 5.42 -0.21	85.96 4.29 -3.11	72.45 4.29 0.00	64.72 3.72 0.00	58.80 3.80 0.00	53.81 4.26 0.00	50.39 3.82 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	311.38 4.72 -229.22	231.71 3.95 -159.61	215.49 3.48 -151.02	171.15 3.14 -113.01	63.49 2.87 -11.06	63.41 2.61 -14.23
GRISSOM___SOLAR 323813	123.66 4.39 -57.45	67.29 4.34 0.00	64.79 4.24 0.00	63.84 4.23 0.00	72.41 4.39 -7.88	134.45 4.45 -71.47	165.44 6.65 -72.43	177.97 6.93 -84.41	106.05 5.10 -28.13	72.86 4.25 0.00	54.07 2.77 0.00	51.49 2.31 0.00	49.74 2.09 0.00	48.87 2.24 0.00	49.35 2.35 0.00	52.31 2.73 0.00	59.05 3.66 0.00	74.58 4.74 -2.14	82.93 5.50 0.00	73.13 4.97 0.00	65.33 4.33 0.00	58.97 3.96 0.00	53.02 3.47 0.00	49.56 2.98 0.00
GROVEVILLE___HYD 323602	70.15 2.60 -5.73	65.66 2.71 0.00	63.22 2.66 0.00	62.17 2.56 0.00	63.51 2.59 -0.79	68.13 2.46 -7.13	98.25 4.66 -7.23	100.16 5.11 -8.43	79.08 3.50 -2.76	71.83 3.22 0.00	53.51 2.21 0.00	51.19 2.02 0.00	49.59 1.95 0.00	48.54 1.91 0.00	49.06 2.07 0.00	51.72 2.13 0.00	57.94 2.55 0.00	71.16 3.25 -0.21	81.38 3.95 0.00	71.43 3.27 0.00	63.86 2.87 0.00	57.48 2.48 0.00	51.78 2.23 0.00	48.57 2.00 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	60.64 -1.17 0.00	61.75 -1.20 0.00	59.34 -1.21 0.00	58.42 -1.19 0.00	58.94 -1.20 0.00	57.72 -0.82 0.00	85.50 -0.86 0.00	85.76 -0.87 0.00	71.73 -1.09 0.00	67.37 -1.23 0.00	50.59 -0.72 0.00	48.64 -0.54 0.00	47.07 -0.57 0.00	45.98 -0.65 0.00	46.24 -0.75 0.00	48.80 -0.79 0.00	54.45 -0.94 0.00	66.69 -1.02 0.00	76.43 -1.01 0.00	67.20 -0.95 0.00	60.20 -0.79 0.00	54.35 -0.66 0.00	48.81 -0.74 0.00	45.83 -0.75 0.00

HAMLTNNY_34_KV_TB 80303	60.33 -1.48 0.00	61.44 -1.51 0.00	59.04 -1.51 0.00	58.18 -1.43 0.00	58.70 -1.44 0.00	57.54 -1.00 0.00	85.32 -1.04 0.00	85.59 -1.04 0.00	71.51 -1.31 0.00	67.16 -1.44 0.00	50.43 -0.87 0.00	48.49 -0.69 0.00	46.93 -0.71 0.00	45.84 -0.79 0.00	46.10 -0.89 0.00	48.65 -0.94 0.00	54.29 -1.11 0.00	66.49 -1.22 0.00	76.19 -1.24 0.00	67.00 -1.16 0.00	60.02 -0.98 0.00	54.13 -0.88 0.00	48.66 -0.89 0.00	45.69 -0.88 0.00
HAMPSHIRE___PAPER_HYD 323593	67.19 5.38 0.00	68.42 5.47 0.00	65.82 5.27 0.00	65.09 5.48 0.00	64.95 4.81 0.00	62.75 4.22 0.00	86.88 0.52 0.00	88.01 1.38 0.00	73.19 0.37 0.00	70.11 1.51 0.00	55.26 3.95 0.00	52.97 3.79 0.00	51.22 3.57 0.00	50.08 3.45 0.00	50.38 3.39 0.00	52.96 3.37 0.00	58.00 2.60 0.00	71.09 3.38 0.00	81.07 3.64 0.00	71.90 3.75 0.00	64.17 3.17 0.00	57.98 2.97 0.00	53.37 3.82 0.00	50.30 3.73 0.00
HARDSCRABBLE_WT_PWR 323673	62.25 0.44 0.00	63.39 0.44 0.00	60.98 0.43 0.00	60.03 0.42 0.00	60.57 0.42 0.00	59.00 0.47 0.00	87.14 0.78 0.00	87.49 0.87 0.00	73.33 0.51 0.00	69.08 0.48 0.00	51.67 0.36 0.00	49.48 0.30 0.00	47.93 0.29 0.00	46.86 0.23 0.00	47.23 0.24 0.00	49.84 0.25 0.00	55.67 0.28 0.00	67.98 0.27 0.00	77.74 0.31 0.00	68.36 0.21 0.00	61.12 0.12 0.00	55.12 0.11 0.00	49.60 0.05 0.00	46.53 -0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	64.98 1.67 -1.50	63.85 1.70 0.80	62.19 1.63 0.00	61.16 1.55 0.00	62.48 1.62 -0.71	66.59 1.58 -6.47	96.29 3.37 -6.56	94.83 3.81 -4.39	64.36 2.48 10.94	58.67 2.33 12.26	52.95 1.64 0.00	50.65 1.48 0.00	49.17 1.52 0.00	48.12 1.49 0.00	48.59 1.60 0.00	51.18 1.59 0.00	57.28 1.88 0.00	70.33 2.44 -0.19	80.37 2.94 0.00	70.61 2.45 0.00	63.07 2.07 0.00	56.82 1.82 0.00	51.28 1.73 0.00	48.11 1.54 0.00
HARSNRAD_115KV_TB1 81005	55.82 -6.00 0.00	56.78 -6.17 0.00	54.62 -5.93 0.00	54.07 -5.54 0.00	54.49 -5.65 0.00	54.03 -4.51 0.00	79.97 -6.39 0.00	79.18 -7.45 0.00	65.39 -7.43 0.00	61.60 -7.00 0.00	47.46 -3.85 0.00	46.03 -3.15 0.00	44.50 -3.14 0.00	43.65 -2.98 0.00	43.85 -3.15 0.00	45.92 -3.67 0.00	50.52 -4.87 0.00	61.68 -6.03 0.00	71.08 -6.35 0.00	62.50 -5.66 0.00	56.60 -4.39 0.00	51.10 -3.91 0.00	46.53 -3.02 0.00	43.92 -2.65 0.00
HARZA MOOSE___RIVER 24016	64.35 2.53 0.00	65.53 2.58 0.00	63.04 2.48 0.00	62.23 2.62 0.00	62.61 2.47 0.00	60.99 2.46 0.00	88.95 2.59 0.00	91.04 4.42 0.00	77.19 4.37 0.00	72.10 3.50 0.00	54.18 2.87 0.00	51.69 2.51 0.00	50.07 2.43 0.00	48.92 2.28 0.00	49.21 2.21 0.00	51.92 2.33 0.00	57.00 1.61 0.00	70.01 2.30 0.00	78.98 1.55 0.00	70.81 2.66 0.00	63.25 2.26 0.00	56.93 1.93 0.00	51.53 1.98 0.00	48.29 1.72 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	59.84 -1.98 0.00	60.87 -2.08 0.00	58.56 -2.00 0.00	57.70 -1.91 0.00	58.22 -1.92 0.00	56.96 -1.58 0.00	84.46 -1.90 0.00	84.63 -1.99 0.00	70.78 -2.04 0.00	66.54 -2.06 0.00	50.02 -1.28 0.00	48.05 -1.13 0.00	46.50 -1.14 0.00	45.46 -1.17 0.00	45.77 -1.22 0.00	48.25 -1.34 0.00	53.79 -1.61 0.00	65.81 -1.90 0.00	75.42 -2.01 0.00	66.38 -1.77 0.00	59.47 -1.52 0.00	53.69 -1.32 0.00	48.26 -1.29 0.00	45.36 -1.21 0.00
HELLGATE_13_KV_LD 55870	73.00 2.78 -8.40	66.39 2.83 -0.61	63.35 2.79 -0.01	62.18 2.56 -0.01	63.57 2.65 -0.78	68.01 2.46 -7.02	98.39 4.92 -7.11	102.79 5.46 -10.71	89.34 3.79 -12.74	81.51 3.77 -9.14	70.76 2.67 -16.79	68.47 2.51 -16.79	55.55 2.48 -5.43	61.50 2.42 -12.45	51.71 2.49 -2.22	58.62 2.53 -6.50	64.88 2.88 -6.61	99.75 3.52 -28.52	91.78 4.10 -10.24	94.55 3.48 -22.92	66.06 3.05 -2.02	57.71 2.70 -0.01	52.43 2.48 -0.40	48.82 2.24 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	73.00 2.78 -8.40	66.39 2.83 -0.61	63.35 2.79 -0.01	62.18 2.56 -0.01	63.57 2.65 -0.78	68.01 2.46 -7.02	98.39 4.92 -7.11	102.79 5.46 -10.71	89.34 3.79 -12.74	81.51 3.77 -9.14	70.76 2.67 -16.79	68.47 2.51 -16.79	55.55 2.48 -5.43	61.50 2.42 -12.45	51.71 2.49 -2.22	58.62 2.53 -6.50	64.88 2.88 -6.61	99.75 3.52 -28.52	91.78 4.10 -10.24	94.55 3.48 -22.92	66.06 3.05 -2.02	57.71 2.70 -0.01	52.43 2.48 -0.40	48.82 2.24 -0.01
HEMPSTEAD____ 23647	79.83 3.09 -14.92	74.62 3.21 -8.46	72.19 3.09 -8.55	69.02 2.86 -6.55	74.03 3.01 -10.88	89.83 2.81 -28.49	115.32 5.44 -23.51	120.37 5.97 -27.77	89.80 4.15 -12.84	81.53 3.70 -9.23	54.07 2.77 0.00	51.69 2.51 0.00	50.21 2.57 0.00	49.05 2.42 0.00	49.63 2.63 0.00	53.39 2.93 -0.88	58.50 3.10 0.00	71.70 3.79 -0.21	85.19 4.65 -3.11	72.04 3.88 0.00	64.41 3.41 0.00	57.81 2.80 0.00	52.43 2.87 -0.01	49.18 2.61 0.00
HEWLETT_69_KV_BK3 55828	80.26 3.52 -14.92	75.05 3.65 -8.45	72.61 3.51 -8.54	69.49 3.34 -6.54	74.44 3.43 -10.87	90.18 3.16 -28.48	115.74 5.87 -23.50	120.89 6.50 -27.76	90.10 4.44 -12.84	81.88 4.05 -9.23	54.43 3.13 0.00	51.98 2.80 0.00	50.55 2.91 0.00	49.34 2.70 0.00	49.91 2.91 0.00	53.63 3.17 -0.87	58.89 3.49 0.00	72.24 4.33 -0.21	85.80 5.27 -3.11	72.58 4.43 0.00	64.84 3.84 0.00	58.42 3.41 0.00	52.72 3.17 0.00	49.41 2.84 0.00
HICKLING___1 23621	62.11 -1.61 -1.90	61.25 -1.70 0.00	58.80 -1.76 0.00	58.12 -1.49 0.00	58.90 -1.50 -0.26	60.26 -0.64 -2.36	88.32 -0.43 -2.40	88.38 -1.04 -2.79	71.85 -1.89 -0.92	66.41 -2.20 0.00	50.33 -0.97 0.00	48.59 -0.59 0.00	46.97 -0.67 0.00	45.93 -0.70 0.00	46.20 -0.80 0.00	48.60 -0.99 0.00	54.07 -1.33 0.00	66.42 -1.35 -0.07	76.19 -1.24 0.00	67.00 -1.16 0.00	60.14 -0.85 0.00	54.18 -0.83 0.00	48.81 -0.74 0.00	45.87 -0.70 0.00
HICKLING___2 23622	62.11 -1.61 -1.90	61.25 -1.70 0.00	58.80 -1.76 0.00	58.12 -1.49 0.00	58.90 -1.50 -0.26	60.26 -0.64 -2.36	88.32 -0.43 -2.40	88.38 -1.04 -2.79	71.85 -1.89 -0.92	66.41 -2.20 0.00	50.33 -0.97 0.00	48.59 -0.59 0.00	46.97 -0.67 0.00	45.93 -0.70 0.00	46.20 -0.80 0.00	48.60 -0.99 0.00	54.07 -1.33 0.00	66.42 -1.35 -0.07	76.19 -1.24 0.00	67.00 -1.16 0.00	60.14 -0.85 0.00	54.18 -0.83 0.00	48.81 -0.74 0.00	45.87 -0.70 0.00
HIGH FALLS___HY 23754	71.65 1.92 -7.92	64.90 1.95 0.00	62.49 1.94 0.00	61.46 1.85 0.00	63.21 1.98 -1.09	70.26 1.87 -9.85	100.32 3.97 -9.99	102.68 4.42 -11.64	79.39 2.77 -3.80	70.93 2.33 0.00	52.90 1.59 0.00	50.60 1.43 0.00	49.07 1.43 0.00	48.08 1.45 0.00	48.55 1.55 0.00	51.13 1.54 0.00	57.28 1.88 0.00	70.57 2.57 -0.29	80.68 3.25 0.00	70.95 2.79 0.00	63.38 2.38 0.00	57.04 2.04 0.00	51.38 1.83 0.00	48.16 1.58 0.00
HIGH_RIVER___SOLAR 323847	125.35 2.85 -60.68	65.79 2.84 0.00	63.34 2.79 0.00	62.30 2.68 0.00	71.30 2.83 -8.33	136.84 2.81 -75.49	167.18 4.32 -76.50	180.20 4.42 -89.16	105.71 3.13 -29.76	71.21 2.61 0.00	52.84 1.54 0.00	50.46 1.28 0.00	49.02 1.38 0.00	48.03 1.40 0.00	48.45 1.46 0.00	51.28 1.69 0.00	57.72 2.33 0.00	72.94 2.98 -2.26	80.92 3.49 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.49 2.48 0.00	51.73 2.18 0.00	48.48 1.91 0.00

HILLBURN___GT 23639	64.14 1.30 -1.02	63.41 1.38 0.92	61.88 1.33 0.00	60.87 1.25 0.00	62.13 1.26 -0.72	66.33 1.23 -6.56	96.03 3.02 -6.65	94.11 3.47 -4.01	62.19 2.26 12.89	56.72 2.19 14.07	52.84 1.54 0.00	50.55 1.38 0.00	49.07 1.43 0.00	48.08 1.45 0.00	48.50 1.50 0.00	51.07 1.49 0.00	57.06 1.66 0.00	70.00 2.10 -0.19	79.91 2.48 0.00	70.27 2.12 0.00	62.82 1.83 0.00	56.66 1.65 0.00	51.24 1.69 0.00	48.06 1.49 0.00
HILLSIDE_115KV_TB1 80332	61.55 -2.23 -1.96	60.62 -2.33 0.00	58.19 -2.36 0.00	57.53 -2.09 0.00	58.31 -2.10 -0.27	59.63 -1.35 -2.44	87.36 -1.47 -2.47	87.43 -2.08 -2.88	71.08 -2.69 -0.95	65.72 -2.88 0.00	49.82 -1.49 0.00	48.05 -1.13 0.00	46.45 -1.19 0.00	45.46 -1.17 0.00	45.73 -1.27 0.00	48.10 -1.49 0.00	53.46 -1.94 0.00	65.68 -2.10 -0.07	75.42 -2.01 0.00	66.31 -1.84 0.00	59.53 -1.46 0.00	53.63 -1.38 0.00	48.36 -1.19 0.00	45.55 -1.02 0.00
HISHELDN_WT_PWR 323625	58.61 -4.64 -1.43	58.16 -4.79 0.00	55.89 -4.66 0.00	55.14 -4.47 0.00	55.95 -4.39 -0.20	56.75 -3.57 -1.78	83.42 -4.75 -1.81	83.01 -5.72 -2.10	67.62 -5.90 -0.69	62.50 -6.11 0.00	47.61 -3.69 0.00	46.13 -3.05 0.00	44.88 -2.76 0.00	43.88 -2.75 0.00	44.13 -2.87 0.00	46.41 -3.17 0.00	51.24 -4.16 0.00	62.68 -5.08 -0.05	71.62 -5.81 0.00	62.97 -5.18 0.00	56.67 -4.33 0.00	51.10 -3.90 0.00	46.08 -3.47 0.00	43.50 -3.08 0.00
HOLTSVILLE_IC_1 23690	80.88 4.14 -14.92	75.69 4.28 -8.46	73.16 4.06 -8.55	70.04 3.87 -6.55	74.99 3.97 -10.88	91.01 3.98 -28.49	116.96 7.08 -23.51	121.93 7.53 -27.77	90.83 5.17 -12.84	82.02 4.19 -9.23	54.44 3.13 0.00	51.93 2.75 0.00	50.50 2.86 0.00	49.33 2.70 0.00	49.91 2.91 0.00	53.89 3.42 -0.88	59.11 3.71 0.00	72.65 4.74 -0.21	86.36 5.81 -3.11	72.99 4.84 0.00	65.33 4.33 0.00	58.42 3.41 0.00	52.93 3.37 -0.01	49.74 3.17 0.00
HOLTSVILLE_IC_10 23699	81.25 4.51 -14.92	76.00 4.59 -8.46	73.47 4.36 -8.55	70.33 4.17 -6.55	75.36 4.33 -10.88	91.35 4.33 -28.49	117.47 7.60 -23.51	122.46 8.06 -27.77	91.26 5.61 -12.84	82.43 4.60 -9.23	54.74 3.44 0.00	52.18 3.00 0.00	50.79 3.14 0.00	49.57 2.94 0.00	50.19 3.20 0.00	54.23 3.77 -0.88	59.44 4.04 0.00	73.12 5.21 -0.21	86.97 6.42 -3.11	73.47 5.32 0.00	65.76 4.76 0.00	58.75 3.74 0.00	53.28 3.72 -0.01	49.97 3.40 0.00
HOLTSVILLE_IC_2 23691	80.88 4.14 -14.92	75.69 4.28 -8.46	73.16 4.06 -8.55	70.04 3.87 -6.55	74.99 3.97 -10.88	91.01 3.98 -28.49	116.96 7.08 -23.51	121.93 7.53 -27.77	90.83 5.17 -12.84	82.02 4.19 -9.23	54.44 3.13 0.00	51.93 2.75 0.00	50.50 2.86 0.00	49.33 2.70 0.00	49.91 2.91 0.00	53.89 3.42 -0.88	59.11 3.71 0.00	72.65 4.74 -0.21	86.36 5.81 -3.11	72.99 4.84 0.00	65.33 4.33 0.00	58.42 3.41 0.00	52.93 3.37 -0.01	49.74 3.17 0.00
HOLTSVILLE_IC_3 23692	80.88 4.14 -14.92	75.69 4.28 -8.46	73.16 4.06 -8.55	70.04 3.87 -6.55	74.99 3.97 -10.88	91.01 3.98 -28.49	116.96 7.08 -23.51	121.93 7.53 -27.77	90.83 5.17 -12.84	82.02 4.19 -9.23	54.44 3.13 0.00	51.93 2.75 0.00	50.50 2.86 0.00	49.33 2.70 0.00	49.91 2.91 0.00	53.89 3.42 -0.88	59.11 3.71 0.00	72.65 4.74 -0.21	86.36 5.81 -3.11	72.99 4.84 0.00	65.33 4.33 0.00	58.42 3.41 0.00	52.93 3.37 -0.01	49.74 3.17 0.00
HOLTSVILLE_IC_4 23693	80.88 4.14 -14.92	75.69 4.28 -8.46	73.16 4.06 -8.55	70.04 3.87 -6.55	74.99 3.97 -10.88	91.01 3.98 -28.49	116.96 7.08 -23.51	121.93 7.53 -27.77	90.83 5.17 -12.84	82.02 4.19 -9.23	54.44 3.13 0.00	51.93 2.75 0.00	50.50 2.86 0.00	49.33 2.70 0.00	49.91 2.91 0.00	53.89 3.42 -0.88	59.11 3.71 0.00	72.65 4.74 -0.21	86.36 5.81 -3.11	72.99 4.84 0.00	65.33 4.33 0.00	58.42 3.41 0.00	52.93 3.37 -0.01	49.74 3.17 0.00
HOLTSVILLE_IC_5 23694	80.88 4.14 -14.92	75.69 4.28 -8.46	73.16 4.06 -8.55	70.04 3.87 -6.55	74.99 3.97 -10.88	91.01 3.98 -28.49	116.96 7.08 -23.51	121.93 7.53 -27.77	90.83 5.17 -12.84	82.02 4.19 -9.23	54.44 3.13 0.00	51.93 2.75 0.00	50.50 2.86 0.00	49.33 2.70 0.00	49.91 2.91 0.00	53.89 3.42 -0.88	59.11 3.71 0.00	72.65 4.74 -0.21	86.36 5.81 -3.11	72.99 4.84 0.00	65.33 4.33 0.00	58.42 3.41 0.00	52.93 3.37 -0.01	49.74 3.17 0.00
HOLTSVILLE_IC_6 23695	81.25 4.51 -14.92	76.00 4.59 -8.46	73.47 4.36 -8.55	70.33 4.17 -6.55	75.36 4.33 -10.88	91.35 4.33 -28.49	117.47 7.60 -23.51	122.46 8.06 -27.77	91.26 5.61 -12.84	82.43 4.60 -9.23	54.74 3.44 0.00	52.18 3.00 0.00	50.79 3.14 0.00	49.57 2.94 0.00	50.19 3.20 0.00	54.23 3.77 -0.88	59.44 4.04 0.00	73.12 5.21 -0.21	86.97 6.42 -3.11	73.47 5.32 0.00	65.76 4.76 0.00	58.75 3.74 0.00	53.28 3.72 -0.01	49.97 3.40 0.00
HOLTSVILLE_IC_7 23696	81.25 4.51 -14.92	76.00 4.59 -8.46	73.47 4.36 -8.55	70.33 4.17 -6.55	75.36 4.33 -10.88	91.35 4.33 -28.49	117.47 7.60 -23.51	122.46 8.06 -27.77	91.26 5.61 -12.84	82.43 4.60 -9.23	54.74 3.44 0.00	52.18 3.00 0.00	50.79 3.14 0.00	49.57 2.94 0.00	50.19 3.20 0.00	54.23 3.77 -0.88	59.44 4.04 0.00	73.12 5.21 -0.21	86.97 6.42 -3.11	73.47 5.32 0.00	65.76 4.76 0.00	58.75 3.74 0.00	53.28 3.72 -0.01	49.97 3.40 0.00
HOLTSVILLE_IC_8 23697	81.25 4.51 -14.92	76.00 4.59 -8.46	73.47 4.36 -8.55	70.33 4.17 -6.55	75.36 4.33 -10.88	91.35 4.33 -28.49	117.47 7.60 -23.51	122.46 8.06 -27.77	91.26 5.61 -12.84	82.43 4.60 -9.23	54.74 3.44 0.00	52.18 3.00 0.00	50.79 3.14 0.00	49.57 2.94 0.00	50.19 3.20 0.00	54.23 3.77 -0.88	59.44 4.04 0.00	73.12 5.21 -0.21	86.97 6.42 -3.11	73.47 5.32 0.00	65.76 4.76 0.00	58.75 3.74 0.00	53.28 3.72 -0.01	49.97 3.40 0.00
HOLTSVILLE_IC_9 23698	81.25 4.51 -14.92	76.00 4.59 -8.46	73.47 4.36 -8.55	70.33 4.17 -6.55	75.36 4.33 -10.88	91.35 4.33 -28.49	117.47 7.60 -23.51	122.46 8.06 -27.77	91.26 5.61 -12.84	82.43 4.60 -9.23	54.74 3.44 0.00	52.18 3.00 0.00	50.79 3.14 0.00	49.57 2.94 0.00	50.19 3.20 0.00	54.23 3.77 -0.88	59.44 4.04 0.00	73.12 5.21 -0.21	86.97 6.42 -3.11	73.47 5.32 0.00	65.76 4.76 0.00	58.75 3.74 0.00	53.28 3.72 -0.01	49.97 3.40 0.00
HOMER_HL_115KV_TB2 355744	59.98 -3.28 -1.43	59.43 -3.53 0.00	57.10 -3.45 0.00	56.63 -2.98 0.00	57.21 -3.13 -0.20	58.56 -1.76 -1.78	86.27 -1.90 -1.81	85.70 -3.03 -2.11	69.51 -4.01 -0.70	65.24 -3.36 0.00	49.87 -1.44 0.00	48.34 -0.84 0.00	46.69 -0.95 0.00	45.79 -0.84 0.00	46.01 -0.99 0.00	48.20 -1.39 0.00	53.35 -2.05 0.00	65.52 -2.23 -0.05	75.42 -2.01 0.00	66.45 -1.70 0.00	59.90 -1.10 0.00	53.96 -1.05 0.00	48.96 -0.59 0.00	46.15 -0.42 0.00
HOWARD_WT_PWR 323690	60.89 -2.54 -1.61	60.31 -2.64 0.00	57.95 -2.60 0.00	57.17 -2.45 0.00	57.96 -2.41 -0.22	59.14 -1.41 -2.01	87.10 -1.29 -2.03	86.92 -2.08 -2.37	70.84 -2.77 -0.78	65.24 -3.36 0.00	49.56 -1.74 0.00	47.95 -1.23 0.00	46.50 -1.14 0.00	45.33 -1.31 0.00	45.59 -1.41 0.00	47.95 -1.64 0.00	53.07 -2.32 0.00	64.85 -2.91 -0.06	74.10 -3.33 0.00	65.09 -3.07 0.00	58.38 -2.62 0.00	52.42 -2.58 0.00	47.03 -2.53 0.00	44.24 -2.33 0.00

HQ_GEN_CEDARS 23644	70.97 9.15 0.00	72.20 9.25 0.00	69.46 8.90 0.00	68.73 9.12 0.00	68.38 8.24 0.00	65.62 7.08 0.00	85.67 -0.69 0.00	86.37 -0.26 0.00	80.47 7.65 0.00	75.60 7.00 0.00	58.03 6.72 0.00	55.87 6.69 0.00	53.98 6.34 0.00	52.79 6.16 0.00	53.11 6.11 0.00	55.69 6.10 0.00	60.66 5.26 0.00	74.07 6.36 0.00	75.26 -2.17 0.00	74.42 6.27 0.00	66.55 5.55 0.00	60.40 5.39 0.00	56.19 6.64 0.00	53.18 6.61 0.00
HQ_GEN_CEDARS_PROXY 323590	70.97 9.15 0.00	72.21 9.26 0.00	69.46 8.90 0.00	68.73 9.12 0.00	68.38 8.24 0.00	65.62 7.08 0.00	85.58 -0.78 0.00	86.37 -0.26 0.00	72.09 -0.73 0.00	70.86 2.26 0.00	58.02 6.72 0.00	55.87 6.69 0.00	53.98 6.34 0.00	52.79 6.15 0.00	53.10 6.11 0.00	55.69 6.10 0.00	60.66 5.27 0.00	74.07 6.36 0.00	84.09 6.66 0.00	74.56 6.40 0.00	66.55 5.55 0.00	60.34 5.33 0.00	56.19 6.64 0.00	53.18 6.61 0.00
HQ_GEN_IMPORT 323601	62.25 0.44 0.00	63.33 0.38 0.00	60.92 0.37 0.00	59.97 0.36 0.00	60.50 0.36 0.00	58.71 0.18 0.00	85.93 -0.43 0.00	85.93 -0.70 0.00	72.89 0.07 0.00	68.74 0.14 0.00	51.51 0.21 0.00	49.38 0.20 0.00	47.83 0.19 0.00	46.86 0.23 0.00	47.23 0.24 0.00	49.84 0.25 0.00	55.62 0.22 0.00	67.98 0.27 0.00	77.74 0.31 0.00	68.43 0.27 0.00	61.24 0.24 0.00	55.17 0.17 0.00	49.75 0.20 0.00	46.81 0.23 0.00
HQ_GEN_WHEEL 23651	62.25 0.44 0.00	63.33 0.38 0.00	60.92 0.37 0.00	59.97 0.36 0.00	60.50 0.36 0.00	58.71 0.18 0.00	85.93 -0.43 0.00	85.93 -0.70 0.00	72.89 0.07 0.00	68.74 0.14 0.00	51.51 0.21 0.00	49.38 0.20 0.00	47.83 0.19 0.00	46.86 0.23 0.00	47.23 0.24 0.00	49.84 0.25 0.00	55.62 0.22 0.00	67.98 0.27 0.00	77.74 0.31 0.00	68.43 0.27 0.00	61.24 0.24 0.00	55.17 0.17 0.00	49.75 0.20 0.00	46.81 0.23 0.00
HUDSON AVE_GT_3 23810	72.63 2.41 -8.40	66.07 2.52 -0.60	62.98 2.42 0.00	61.82 2.21 0.00	63.20 2.29 -0.77	67.65 2.11 -7.01	97.95 4.49 -7.10	102.44 5.11 -10.71	89.14 3.57 -12.75	81.25 3.50 -9.15	53.82 2.51 0.00	51.49 2.31 0.00	49.98 2.33 0.00	48.87 2.24 0.00	49.35 2.35 0.00	51.97 2.38 0.00	58.11 2.71 0.00	71.16 3.25 -0.21	81.30 3.87 0.00	71.36 3.20 0.00	63.80 2.81 0.00	57.48 2.48 0.00	51.83 2.28 0.00	48.62 2.05 0.00
HUDSON AVE_GT_4 23540	72.63 2.41 -8.40	66.07 2.52 -0.60	62.98 2.42 0.00	61.82 2.21 0.00	63.20 2.29 -0.77	67.65 2.11 -7.01	97.95 4.49 -7.10	102.44 5.11 -10.71	89.14 3.57 -12.75	81.25 3.50 -9.15	53.82 2.51 0.00	51.49 2.31 0.00	49.98 2.33 0.00	48.87 2.24 0.00	49.35 2.35 0.00	51.97 2.38 0.00	58.11 2.71 0.00	71.16 3.25 -0.21	81.30 3.87 0.00	71.36 3.20 0.00	63.80 2.81 0.00	57.48 2.48 0.00	51.83 2.28 0.00	48.62 2.05 0.00
HUDSON AVE_GT_5 23657	72.63 2.41 -8.40	66.07 2.52 -0.60	62.98 2.42 0.00	61.82 2.21 0.00	63.20 2.29 -0.77	67.65 2.11 -7.01	97.95 4.49 -7.10	102.44 5.11 -10.71	89.14 3.57 -12.75	81.25 3.50 -9.15	53.82 2.51 0.00	51.49 2.31 0.00	49.98 2.33 0.00	48.87 2.24 0.00	49.35 2.35 0.00	51.97 2.38 0.00	58.11 2.71 0.00	71.16 3.25 -0.21	81.30 3.87 0.00	71.36 3.20 0.00	63.80 2.81 0.00	57.48 2.48 0.00	51.83 2.28 0.00	48.62 2.05 0.00
HUDSON_AVE_10 24168	72.38 2.16 -8.40	65.82 2.27 -0.60	62.79 2.24 0.00	61.58 1.97 0.00	63.02 2.10 -0.77	67.48 1.93 -7.01	97.69 4.23 -7.10	102.36 5.02 -10.71	88.99 3.42 -12.75	81.18 3.43 -9.15	53.72 2.41 0.00	51.49 2.31 0.00	49.98 2.33 0.00	48.87 2.24 0.00	49.30 2.30 0.00	51.92 2.33 0.00	58.00 2.60 0.00	71.09 3.18 -0.21	81.23 3.79 0.00	71.29 3.14 0.00	63.74 2.74 0.00	57.43 2.42 0.00	51.78 2.23 0.00	48.57 2.00 0.00
HUDSON___115KV_TB 4 355613	89.82 2.97 -25.03	66.54 3.59 0.00	64.13 3.57 0.00	63.07 3.46 0.00	66.52 2.95 -3.43	92.54 2.87 -31.14	122.49 4.58 -31.56	127.65 4.24 -36.78	87.76 2.84 -12.10	71.62 3.02 0.00	53.10 1.80 0.00	50.70 1.52 0.00	49.07 1.43 0.00	48.03 1.40 0.00	48.55 1.55 0.00	51.32 1.74 0.00	57.72 2.33 0.00	71.13 2.51 -0.92	80.99 3.56 0.00	71.43 3.27 0.00	63.80 2.81 0.00	57.54 2.53 0.00	51.73 2.18 0.00	48.81 2.24 0.00
HUNTER MOUNT___DRP 323613	86.25 2.97 -21.47	67.04 4.09 0.00	64.61 4.06 0.00	63.61 3.99 0.00	66.09 3.01 -2.95	88.17 2.93 -26.71	118.18 4.75 -27.07	122.59 4.42 -31.54	86.01 2.91 -10.28	72.03 3.43 0.00	53.31 2.00 0.00	50.90 1.72 0.00	49.21 1.57 0.00	48.17 1.54 0.00	48.69 1.69 0.00	51.52 1.93 0.00	58.00 2.60 0.00	70.99 2.51 -0.78	81.61 4.18 0.00	71.90 3.75 0.00	64.29 3.29 0.00	57.92 2.92 0.00	52.13 2.58 0.00	49.09 2.51 0.00
HUNTINGTON_RES_REC 323705	81.50 4.76 -14.92	76.25 4.85 -8.46	73.70 4.60 -8.55	70.57 4.41 -6.55	75.59 4.57 -10.88	91.59 4.57 -28.49	117.73 7.86 -23.51	122.20 7.80 -27.77	91.70 6.04 -12.84	82.91 5.08 -9.23	55.16 3.85 0.00	52.57 3.39 0.00	51.17 3.53 0.00	49.99 3.36 0.00	50.57 3.57 0.00	54.63 4.17 -0.88	59.33 3.93 0.00	72.65 4.74 -0.21	86.43 5.88 -3.11	72.99 4.84 0.00	65.45 4.45 0.00	58.64 3.63 0.00	53.62 4.06 -0.01	50.30 3.73 0.00
HUNTLEY___63 23557	56.87 -4.95 0.00	57.79 -5.16 0.00	55.59 -4.97 0.00	55.08 -4.53 0.00	55.45 -4.69 0.00	55.02 -3.51 0.00	81.52 -4.84 0.00	80.65 -5.98 0.00	66.78 -6.04 0.00	62.63 -5.97 0.00	48.12 -3.18 0.00	46.72 -2.46 0.00	45.12 -2.53 0.00	44.30 -2.33 0.00	44.46 -2.54 0.00	46.51 -3.07 0.00	51.30 -4.10 0.00	62.49 -5.21 0.00	72.09 -5.34 0.00	63.38 -4.77 0.00	57.46 -3.54 0.00	51.87 -3.14 0.00	47.22 -2.33 0.00	44.57 -2.00 0.00
HUNTLEY___64 23558	56.87 -4.95 0.00	57.79 -5.16 0.00	55.59 -4.97 0.00	55.08 -4.53 0.00	55.45 -4.69 0.00	55.02 -3.51 0.00	81.52 -4.84 0.00	80.65 -5.98 0.00	66.78 -6.04 0.00	62.63 -5.97 0.00	48.12 -3.18 0.00	46.72 -2.46 0.00	45.12 -2.53 0.00	44.30 -2.33 0.00	44.46 -2.54 0.00	46.51 -3.07 0.00	51.30 -4.10 0.00	62.49 -5.21 0.00	72.09 -5.34 0.00	63.38 -4.77 0.00	57.46 -3.54 0.00	51.87 -3.14 0.00	47.22 -2.33 0.00	44.57 -2.00 0.00
HUNTLEY___65 23559	56.87 -4.95 0.00	57.79 -5.16 0.00	55.59 -4.97 0.00	55.08 -4.53 0.00	55.45 -4.69 0.00	55.02 -3.51 0.00	81.52 -4.84 0.00	80.65 -5.98 0.00	66.78 -6.04 0.00	62.63 -5.97 0.00	48.12 -3.18 0.00	46.72 -2.46 0.00	45.12 -2.53 0.00	44.30 -2.33 0.00	44.46 -2.54 0.00	46.51 -3.07 0.00	51.30 -4.10 0.00	62.49 -5.21 0.00	72.09 -5.34 0.00	63.38 -4.77 0.00	57.46 -3.54 0.00	51.87 -3.14 0.00	47.22 -2.33 0.00	44.57 -2.00 0.00
HUNTLEY___66 23560	56.87 -4.95 0.00	57.79 -5.16 0.00	55.59 -4.97 0.00	55.08 -4.53 0.00	55.45 -4.69 0.00	55.02 -3.51 0.00	81.52 -4.84 0.00	80.65 -5.98 0.00	66.78 -6.04 0.00	62.63 -5.97 0.00	48.12 -3.18 0.00	46.72 -2.46 0.00	45.12 -2.53 0.00	44.30 -2.33 0.00	44.46 -2.54 0.00	46.51 -3.07 0.00	51.30 -4.10 0.00	62.49 -5.21 0.00	72.09 -5.34 0.00	63.38 -4.77 0.00	57.46 -3.54 0.00	51.87 -3.14 0.00	47.22 -2.33 0.00	44.57 -2.00 0.00

HUNTLEY___67 23561	56.81 -5.01 0.00	57.73 -5.22 0.00	55.53 -5.03 0.00	55.02 -4.59 0.00	55.39 -4.75 0.00	54.97 -3.57 0.00	81.44 -4.92 0.00	80.56 -6.06 0.00	66.63 -6.19 0.00	62.50 -6.11 0.00	47.97 -3.33 0.00	46.52 -2.66 0.00	44.97 -2.67 0.00	44.16 -2.47 0.00	44.36 -2.63 0.00	46.41 -3.17 0.00	51.13 -4.27 0.00	62.42 -5.28 0.00	71.86 -5.58 0.00	63.25 -4.91 0.00	57.28 -3.72 0.00	51.71 -3.30 0.00	47.07 -2.48 0.00	44.43 -2.14 0.00
HUNTLEY___68 23562	56.81 -5.01 0.00	57.73 -5.22 0.00	55.53 -5.03 0.00	55.02 -4.59 0.00	55.39 -4.75 0.00	54.97 -3.57 0.00	81.44 -4.92 0.00	80.56 -6.06 0.00	66.63 -6.19 0.00	62.50 -6.11 0.00	47.97 -3.33 0.00	46.52 -2.66 0.00	44.97 -2.67 0.00	44.16 -2.47 0.00	44.36 -2.63 0.00	46.41 -3.17 0.00	51.13 -4.27 0.00	62.42 -5.28 0.00	71.86 -5.58 0.00	63.25 -4.91 0.00	57.28 -3.72 0.00	51.71 -3.30 0.00	47.07 -2.48 0.00	44.43 -2.14 0.00
HYLAND___LFG 323620	62.12 -1.05 -1.35	61.82 -1.13 0.00	59.58 -0.97 0.00	58.84 -0.78 0.00	59.54 -0.78 -0.19	60.45 0.24 -1.68	89.02 0.95 -1.70	88.35 -0.26 -1.99	70.93 -2.55 -0.66	64.69 -3.91 0.00	48.95 -2.36 0.00	47.21 -1.97 0.00	45.69 -1.96 0.00	44.63 -2.00 0.00	44.98 -2.02 0.00	47.60 -1.99 0.00	53.12 -2.27 0.00	65.86 -1.90 -0.05	76.27 -1.16 0.00	67.81 -0.34 0.00	61.00 0.00 0.00	54.90 -0.11 0.00	49.10 -0.45 0.00	46.11 -0.47 0.00
INDECK___CORINTH 23802	122.69 6.06 -54.81	68.99 6.04 0.00	66.43 5.87 0.00	65.34 5.72 0.00	73.56 5.90 -7.52	132.57 5.85 -68.18	164.27 8.81 -69.10	176.16 9.01 -80.53	107.18 7.43 -26.93	75.67 7.07 0.00	55.72 4.41 0.00	53.21 4.03 0.00	51.26 3.62 0.00	50.13 3.50 0.00	50.57 3.57 0.00	53.70 4.11 0.00	60.49 5.09 0.00	76.18 6.44 -2.05	84.55 7.12 0.00	74.56 6.40 0.00	66.37 5.37 0.00	60.06 5.06 0.00	53.91 4.36 0.00	50.44 3.86 0.00
INDECK___ILION 23567	62.37 0.56 0.00	63.52 0.57 0.00	61.10 0.54 0.00	60.15 0.54 0.00	60.68 0.54 0.00	59.12 0.59 0.00	87.31 0.95 0.00	87.67 1.04 0.00	73.55 0.73 0.00	69.22 0.62 0.00	51.77 0.46 0.00	49.57 0.39 0.00	48.02 0.38 0.00	47.00 0.37 0.00	47.33 0.33 0.00	49.99 0.40 0.00	55.89 0.50 0.00	68.25 0.54 0.00	78.05 0.62 0.00	68.70 0.55 0.00	61.42 0.43 0.00	55.39 0.39 0.00	49.85 0.30 0.00	46.76 0.19 0.00
INDECK___OLEAN 23982	60.03 -3.22 -1.43	59.55 -3.40 0.00	57.16 -3.39 0.00	56.69 -2.92 0.00	57.33 -3.01 -0.20	58.57 -1.75 -1.78	86.52 -1.64 -1.81	85.96 -2.78 -2.11	69.88 -3.64 -0.70	65.38 -3.22 0.00	49.92 -1.38 0.00	48.34 -0.84 0.00	46.79 -0.86 0.00	45.79 -0.84 0.00	46.01 -0.99 0.00	48.20 -1.39 0.00	53.35 -2.05 0.00	65.52 -2.23 -0.05	75.18 -2.25 0.00	66.45 -1.70 0.00	59.90 -1.10 0.00	53.96 -1.05 0.00	48.71 -0.84 0.00	46.02 -0.56 0.00
INDECK___OSWEGO 23783	61.69 -0.12 0.00	62.76 -0.19 0.00	60.31 -0.24 0.00	59.49 -0.12 0.00	59.96 -0.18 0.00	58.71 0.18 0.00	86.97 0.61 0.00	87.24 0.61 0.00	72.75 -0.07 0.00	68.19 -0.41 0.00	51.31 0.00 0.00	49.28 0.10 0.00	47.64 0.00 0.00	46.49 -0.14 0.00	46.67 -0.33 0.00	49.29 -0.30 0.00	55.01 -0.39 0.00	67.50 -0.20 0.00	77.43 0.00 0.00	68.29 0.14 0.00	61.18 0.18 0.00	55.23 0.22 0.00	49.55 0.00 0.00	46.48 -0.09 0.00
INDECK___YERKES 23781	57.18 -4.64 0.00	58.10 -4.85 0.00	55.89 -4.66 0.00	55.38 -4.23 0.00	55.81 -4.33 0.00	55.26 -3.28 0.00	82.04 -4.32 0.00	81.26 -5.37 0.00	67.36 -5.46 0.00	63.05 -5.55 0.00	48.17 -3.13 0.00	46.72 -2.46 0.00	45.31 -2.33 0.00	44.35 -2.28 0.00	44.50 -2.49 0.00	46.56 -3.03 0.00	51.35 -4.04 0.00	62.56 -5.15 0.00	71.78 -5.65 0.00	63.52 -4.64 0.00	57.52 -3.47 0.00	51.93 -3.08 0.00	47.03 -2.53 0.00	44.43 -2.14 0.00
INDIAN POINT_GT_1 24139	93.44 1.67 -29.95	69.95 1.70 -5.30	62.19 1.63 0.00	61.10 1.49 0.00	62.52 1.62 -0.75	66.83 1.46 -6.83	96.57 3.28 -6.92	119.91 3.72 -29.56	166.62 2.40 -91.40	151.95 2.40 -80.94	52.95 1.64 0.00	50.70 1.52 0.00	49.21 1.57 0.00	48.12 1.49 0.00	48.59 1.60 0.00	51.18 1.59 0.00	57.22 1.83 0.00	70.21 2.30 -0.20	80.22 2.79 0.00	70.47 2.32 0.00	62.95 1.95 0.00	56.77 1.76 0.00	51.19 1.64 0.00	48.11 1.54 0.00
INDIAN POINT_GT_2 23659	93.44 1.67 -29.95	69.95 1.70 -5.30	62.19 1.63 0.00	61.10 1.49 0.00	62.52 1.62 -0.75	66.83 1.46 -6.83	96.57 3.28 -6.92	119.91 3.72 -29.56	166.62 2.40 -91.40	151.95 2.40 -80.94	52.95 1.64 0.00	50.70 1.52 0.00	49.21 1.57 0.00	48.12 1.49 0.00	48.59 1.60 0.00	51.18 1.59 0.00	57.22 1.83 0.00	70.21 2.30 -0.20	80.22 2.79 0.00	70.47 2.32 0.00	62.95 1.95 0.00	56.77 1.76 0.00	51.19 1.64 0.00	48.11 1.54 0.00
INDIAN POINT_GT_3 24019	93.44 1.67 -29.95	69.95 1.70 -5.30	62.19 1.63 0.00	61.10 1.49 0.00	62.52 1.62 -0.75	66.83 1.46 -6.83	96.57 3.28 -6.92	119.91 3.72 -29.56	166.62 2.40 -91.40	151.95 2.40 -80.94	52.95 1.64 0.00	50.70 1.52 0.00	49.21 1.57 0.00	48.12 1.49 0.00	48.59 1.60 0.00	51.18 1.59 0.00	57.22 1.83 0.00	70.21 2.30 -0.20	80.22 2.79 0.00	70.47 2.32 0.00	62.95 1.95 0.00	56.77 1.76 0.00	51.19 1.64 0.00	48.11 1.54 0.00
INDIAN POINT___2 23530	60.37 1.24 2.69	62.47 1.26 1.74	61.76 1.21 0.00	60.74 1.13 0.00	62.07 1.20 -0.73	66.27 1.11 -6.63	95.84 2.76 -6.72	90.70 3.29 -0.79	48.34 2.04 26.52	44.13 2.06 26.53	52.69 1.39 0.00	50.46 1.28 0.00	48.93 1.29 0.00	47.93 1.30 0.00	48.36 1.36 0.00	50.93 1.34 0.00	56.94 1.55 0.00	69.79 1.89 -0.20	79.68 2.25 0.00	70.06 1.91 0.00	62.64 1.65 0.00	56.55 1.54 0.00	51.09 1.54 0.00	47.97 1.40 0.00
INDIAN POINT___3 23531	72.08 1.67 -8.59	65.37 1.76 -0.66	62.25 1.70 0.00	61.16 1.55 0.00	62.52 1.62 -0.76	66.89 1.46 -6.89	96.62 3.28 -6.98	101.26 3.81 -10.82	89.04 2.48 -13.75	81.17 2.47 -10.10	53.00 1.69 0.00	50.75 1.57 0.00	49.26 1.62 0.00	48.22 1.59 0.00	48.64 1.64 0.00	51.22 1.64 0.00	57.28 1.88 0.00	70.21 2.30 -0.20	80.22 2.79 0.00	70.47 2.32 0.00	62.95 1.95 0.00	56.77 1.76 0.00	51.24 1.68 0.00	48.11 1.54 0.00
INGHAM_C_115KV_TB7 356103	62.19 0.37 0.00	63.33 0.38 0.00	60.92 0.36 0.00	59.97 0.36 0.00	60.50 0.36 0.00	58.95 0.41 0.00	86.96 0.60 0.00	87.32 0.69 0.00	73.11 0.29 0.00	68.88 0.27 0.00	51.56 0.26 0.00	49.38 0.20 0.00	47.83 0.19 0.00	46.77 0.14 0.00	47.14 0.14 0.00	49.74 0.15 0.00	55.56 0.17 0.00	67.84 0.14 0.00	77.59 0.15 0.00	68.29 0.14 0.00	61.00 0.00 0.00	55.12 0.11 0.00	49.55 0.00 0.00	46.48 -0.09 0.00
IP CORINTH___1 23988	122.68 6.06 -54.81	68.99 6.04 0.00	66.43 5.87 0.00	65.33 5.72 0.00	73.56 5.89 -7.52	132.57 5.85 -68.18	164.27 8.81 -69.10	176.16 9.01 -80.53	107.11 7.35 -26.93	75.60 7.00 0.00	55.72 4.41 0.00	53.21 4.03 0.00	51.26 3.62 0.00	50.13 3.50 0.00	50.57 3.57 0.00	53.70 4.12 0.00	60.49 5.10 0.00	76.18 6.43 -2.05	84.63 7.20 0.00	74.49 6.34 0.00	66.36 5.37 0.00	60.07 5.06 0.00	53.91 4.36 0.00	50.48 3.91 0.00

IP__TICONDEROGA 23804	124.68 8.35 -54.51	71.32 8.37 0.00	68.73 8.17 0.00	67.54 7.93 0.00	75.86 8.24 -7.48	134.55 8.20 -67.82	167.17 12.09 -68.72	178.85 12.13 -80.10	109.44 9.83 -26.79	77.79 9.19 0.00	57.26 5.95 0.00	54.69 5.51 0.00	52.50 4.86 0.00	51.20 4.57 0.00	51.70 4.70 0.00	55.04 5.45 0.00	62.15 6.76 0.00	78.47 8.73 -2.03	87.19 9.76 0.00	76.95 8.79 0.00	68.44 7.44 0.00	61.88 6.88 0.00	55.50 5.95 0.00	51.88 5.31 0.00
ISLIP_RES_REC 323679	81.50 4.76 -14.92	76.25 4.85 -8.46	73.70 4.60 -8.55	70.57 4.41 -6.55	75.59 4.57 -10.88	91.65 4.62 -28.49	117.91 8.03 -23.51	122.98 8.58 -27.77	91.63 5.97 -12.84	82.70 4.87 -9.23	54.95 3.64 0.00	52.42 3.25 0.00	50.98 3.33 0.00	49.80 3.17 0.00	50.38 3.39 0.00	54.44 3.97 -0.88	59.72 4.32 0.00	73.46 5.55 -0.21	87.44 6.89 -3.11	73.88 5.73 0.00	66.06 5.06 0.00	59.02 4.01 0.00	53.47 3.91 -0.01	50.16 3.59 0.00
JAMAICA__27_KV_LOAD 355505	72.69 2.47 -8.40	66.13 2.58 -0.60	63.16 2.60 0.00	61.88 2.27 0.00	63.32 2.41 -0.77	67.83 2.28 -7.01	98.38 4.92 -7.10	103.14 5.80 -10.71	89.65 4.08 -12.75	81.87 4.12 -9.15	54.28 2.98 0.00	52.08 2.90 0.00	50.55 2.91 0.00	49.47 2.84 0.00	49.91 2.91 0.00	52.42 2.83 0.00	58.55 3.16 0.00	71.84 3.93 -0.21	82.08 4.65 0.00	72.18 4.02 0.00	64.53 3.54 0.00	58.03 3.03 0.00	52.37 2.82 0.00	49.13 2.56 0.00
JANIS__SOLAR 323808	66.75 2.04 -2.90	65.09 2.14 0.00	62.55 2.00 0.00	61.75 2.14 0.00	62.70 2.16 -0.40	64.83 2.69 -3.60	94.93 4.92 -3.65	95.38 4.50 -4.26	76.78 2.55 -1.41	70.04 1.44 0.00	52.49 1.18 0.00	50.26 1.08 0.00	48.74 1.10 0.00	47.51 0.88 0.00	47.79 0.80 0.00	50.58 0.99 0.00	56.78 1.39 0.00	70.11 2.30 -0.11	80.45 3.02 0.00	71.02 2.86 0.00	63.50 2.50 0.00	57.04 2.04 0.00	51.09 1.54 0.00	47.83 1.26 0.00
JARVIS____ 23743	62.31 0.49 0.00	63.45 0.50 0.00	61.04 0.48 0.00	60.09 0.47 0.00	60.62 0.48 0.00	59.00 0.47 0.00	87.22 0.86 0.00	87.58 0.95 0.00	73.47 0.65 0.00	69.22 0.62 0.00	51.71 0.41 0.00	49.53 0.35 0.00	47.98 0.34 0.00	46.96 0.33 0.00	47.33 0.33 0.00	49.94 0.35 0.00	55.84 0.44 0.00	68.24 0.54 0.00	78.05 0.62 0.00	68.70 0.54 0.00	61.43 0.43 0.00	55.40 0.39 0.00	49.90 0.35 0.00	46.85 0.28 0.00
JENNISON__1 23625	69.03 2.60 -4.62	65.66 2.71 0.00	63.10 2.54 0.00	62.35 2.74 0.00	63.54 2.77 -0.63	67.44 3.16 -5.74	97.79 5.61 -5.82	98.95 5.54 -6.78	78.71 3.64 -2.25	71.41 2.81 0.00	53.61 2.31 0.00	51.34 2.16 0.00	49.74 2.10 0.00	48.59 1.96 0.00	48.78 1.79 0.00	51.52 1.93 0.00	57.72 2.33 0.00	71.12 3.25 -0.17	81.30 3.87 0.00	71.63 3.48 0.00	63.99 2.99 0.00	57.48 2.48 0.00	51.68 2.13 0.00	48.39 1.82 0.00
JENNISON__2 23626	69.03 2.60 -4.62	65.66 2.71 0.00	63.10 2.54 0.00	62.35 2.74 0.00	63.54 2.77 -0.63	67.44 3.16 -5.74	97.79 5.61 -5.82	98.95 5.54 -6.78	78.71 3.64 -2.25	71.41 2.81 0.00	53.61 2.31 0.00	51.34 2.16 0.00	49.74 2.10 0.00	48.59 1.96 0.00	48.78 1.79 0.00	51.52 1.93 0.00	57.72 2.33 0.00	71.12 3.25 -0.17	81.30 3.87 0.00	71.63 3.48 0.00	63.99 2.99 0.00	57.48 2.48 0.00	51.68 2.13 0.00	48.39 1.82 0.00
JERICHO_RISE_WT_PWR 323719	62.75 0.93 0.00	63.83 0.88 0.00	61.34 0.79 0.00	60.38 0.77 0.00	60.87 0.72 0.00	59.06 0.53 0.00	85.41 -0.95 0.00	85.50 -1.13 0.00	72.82 0.00 0.00	68.81 0.21 0.00	51.97 0.67 0.00	49.87 0.69 0.00	48.26 0.62 0.00	47.37 0.74 0.00	47.70 0.71 0.00	50.48 0.89 0.00	56.17 0.78 0.00	68.65 0.95 0.00	78.36 0.93 0.00	68.97 0.82 0.00	61.73 0.73 0.00	55.67 0.66 0.00	50.34 0.79 0.00	47.41 0.84 0.00
KATONAH__115KV_46KV_TB4 355592	72.13 2.66 -7.65	66.02 2.64 -0.42	62.98 2.42 0.00	62.00 2.38 0.00	63.51 2.59 -0.78	67.97 2.34 -7.09	98.30 4.75 -7.19	101.83 5.11 -10.09	86.21 3.57 -9.82	78.48 3.43 -6.45	53.72 2.41 0.00	51.39 2.21 0.00	49.83 2.19 0.00	48.68 2.05 0.00	49.11 2.11 0.00	51.87 2.28 0.00	58.11 2.71 0.00	71.30 3.39 -0.21	81.46 4.03 0.00	71.56 3.41 0.00	63.86 2.87 0.00	57.54 2.53 0.00	51.73 2.18 0.00	48.57 2.00 0.00
KCE_NY_1 323755	121.51 4.39 -55.30	67.42 4.47 0.00	64.85 4.30 0.00	63.78 4.17 0.00	72.06 4.33 -7.59	131.55 4.22 -68.79	162.47 6.39 -69.72	174.46 6.58 -81.25	105.30 5.31 -27.17	73.68 5.08 0.00	54.49 3.18 0.00	52.08 2.90 0.00	50.26 2.62 0.00	49.19 2.56 0.00	49.63 2.63 0.00	52.61 3.03 0.00	59.16 3.77 0.00	74.51 4.74 -2.06	82.62 5.19 0.00	72.79 4.64 0.00	64.96 3.96 0.00	58.69 3.69 0.00	52.72 3.17 0.00	49.46 2.89 0.00
KCE_NY_6_ESR 323823	58.04 -3.77 0.00	58.99 -3.96 0.00	56.68 -3.88 0.00	56.22 -3.40 0.00	56.65 -3.49 0.00	56.13 -2.40 0.00	83.51 -2.85 0.00	82.73 -3.90 0.00	68.45 -4.37 0.00	64.14 -4.46 0.00	48.95 -2.36 0.00	47.51 -1.67 0.00	46.02 -1.62 0.00	45.04 -1.59 0.00	45.26 -1.74 0.00	47.36 -2.23 0.00	52.24 -3.16 0.00	63.78 -3.93 0.00	73.17 -4.26 0.00	64.75 -3.41 0.00	58.55 -2.44 0.00	52.81 -2.20 0.00	47.77 -1.78 0.00	45.13 -1.44 0.00
KEDC_PORT_JEFF_GT2 24210	81.32 4.57 -14.92	76.00 4.59 -8.46	73.52 4.42 -8.55	70.33 4.17 -6.55	75.36 4.33 -10.88	91.35 4.33 -28.49	117.47 7.60 -23.51	122.46 8.06 -27.77	91.34 5.68 -12.84	82.50 4.67 -9.23	54.80 3.49 0.00	52.23 3.05 0.00	50.79 3.14 0.00	49.62 2.99 0.00	50.24 3.24 0.00	54.29 3.82 -0.88	59.44 4.04 0.00	73.12 5.21 -0.21	86.97 6.42 -3.11	73.47 5.32 0.00	65.76 4.76 0.00	58.75 3.74 0.00	53.28 3.72 -0.01	50.02 3.45 0.00
KEDC_PORT_JEFF_GT3 24211	81.32 4.57 -14.92	76.00 4.59 -8.46	73.52 4.42 -8.55	70.33 4.17 -6.55	75.36 4.33 -10.88	91.35 4.33 -28.49	117.47 7.60 -23.51	122.46 8.06 -27.77	91.34 5.68 -12.84	82.50 4.67 -9.23	54.80 3.49 0.00	52.23 3.05 0.00	50.79 3.14 0.00	49.62 2.99 0.00	50.24 3.24 0.00	54.29 3.82 -0.88	59.44 4.04 0.00	73.12 5.21 -0.21	86.97 6.42 -3.11	73.47 5.32 0.00	65.76 4.76 0.00	58.75 3.74 0.00	53.28 3.72 -0.01	50.02 3.45 0.00
KEDC_GLWD_GT4 24219	80.20 3.46 -14.92	74.99 3.59 -8.46	72.55 3.45 -8.55	69.38 3.22 -6.55	74.33 3.31 -10.88	90.18 3.16 -28.49	115.92 6.04 -23.51	120.98 6.58 -27.77	90.32 4.66 -12.84	82.02 4.19 -9.23	54.44 3.13 0.00	52.03 2.85 0.00	50.55 2.91 0.00	49.38 2.75 0.00	49.91 2.91 0.00	53.69 3.22 -0.88	58.89 3.49 0.00	72.25 4.34 -0.21	85.74 5.19 -3.11	72.45 4.30 0.00	64.84 3.85 0.00	58.20 3.19 0.00	52.73 3.17 -0.01	49.46 2.89 0.00
KEDC_GLWD_GT5 24220	80.20 3.46 -14.92	74.99 3.59 -8.46	72.55 3.45 -8.55	69.38 3.22 -6.55	74.33 3.31 -10.88	90.18 3.16 -28.49	115.92 6.04 -23.51	120.98 6.58 -27.77	90.32 4.66 -12.84	82.02 4.19 -9.23	54.44 3.13 0.00	52.03 2.85 0.00	50.55 2.91 0.00	49.38 2.75 0.00	49.91 2.91 0.00	53.69 3.22 -0.88	58.89 3.49 0.00	72.25 4.34 -0.21	85.74 5.19 -3.11	72.45 4.30 0.00	64.84 3.85 0.00	58.20 3.19 0.00	52.73 3.17 -0.01	49.46 2.89 0.00

LITTLE FALLS___HYD 24013	62.19 0.37 0.00	63.33 0.38 0.00	60.92 0.36 0.00	59.97 0.36 0.00	60.50 0.36 0.00	58.95 0.41 0.00	86.96 0.60 0.00	87.32 0.69 0.00	73.11 0.29 0.00	68.88 0.27 0.00	51.56 0.26 0.00	49.38 0.20 0.00	47.83 0.19 0.00	46.77 0.14 0.00	47.14 0.14 0.00	49.74 0.15 0.00	55.56 0.17 0.00	67.84 0.14 0.00	77.59 0.15 0.00	68.29 0.14 0.00	61.00 0.00 0.00	55.12 0.11 0.00	49.55 0.00 0.00	46.48 -0.09 0.00
LITTLRIV_115KV_TB1 356100	70.72 8.90 0.00	72.02 9.06 0.00	69.33 8.78 0.00	68.67 9.06 0.00	68.32 8.18 0.00	65.62 7.08 0.00	87.91 1.55 0.00	88.45 1.82 0.00	80.17 7.35 0.00	75.05 6.45 0.00	57.62 6.31 0.00	55.33 6.15 0.00	53.45 5.81 0.00	52.27 5.64 0.00	52.59 5.59 0.00	55.14 5.55 0.00	60.21 4.82 0.00	73.73 6.03 0.00	76.89 -0.54 0.00	74.36 6.20 0.00	66.43 5.43 0.00	60.29 5.28 0.00	55.99 6.44 0.00	52.91 6.33 0.00
LI_NEWBRDGE___DRP 323616	79.64 2.91 -14.92	74.42 3.02 -8.45	72.00 2.91 -8.54	68.90 2.74 -6.54	73.84 2.83 -10.87	89.65 2.63 -28.48	114.96 5.10 -23.50	120.02 5.63 -27.76	89.44 3.79 -12.84	81.19 3.36 -9.23	53.87 2.57 0.00	51.44 2.26 0.00	50.02 2.38 0.00	48.82 2.19 0.00	49.39 2.40 0.00	53.09 2.63 -0.87	58.28 2.88 0.00	71.43 3.52 -0.21	84.87 4.34 -3.11	71.77 3.61 0.00	64.11 3.11 0.00	57.70 2.70 0.00	52.13 2.58 0.00	48.85 2.28 0.00
LOCKPORT_115KV_TB60_63_64 80432	56.01 -5.81 0.00	56.91 -6.04 0.00	54.80 -5.75 0.00	54.25 -5.37 0.00	54.61 -5.53 0.00	54.20 -4.33 0.00	80.23 -6.13 0.00	79.44 -7.19 0.00	65.61 -7.21 0.00	61.67 -6.93 0.00	47.51 -3.80 0.00	46.08 -3.10 0.00	44.50 -3.14 0.00	43.69 -2.94 0.00	43.85 -3.15 0.00	45.92 -3.67 0.00	50.58 -4.82 0.00	61.75 -5.96 0.00	71.16 -6.27 0.00	62.57 -5.59 0.00	56.67 -4.33 0.00	51.16 -3.85 0.00	46.58 -2.97 0.00	43.96 -2.61 0.00
LOCKPORT___CC1 323769	56.25 -5.56 0.00	57.22 -5.73 0.00	55.04 -5.51 0.00	54.48 -5.13 0.00	54.97 -5.17 0.00	54.38 -4.15 0.00	80.66 -5.70 0.00	79.87 -6.76 0.00	66.12 -6.70 0.00	62.08 -6.52 0.00	47.46 -3.85 0.00	46.03 -3.15 0.00	44.64 -3.00 0.00	43.65 -2.99 0.00	43.85 -3.15 0.00	45.92 -3.67 0.00	50.52 -4.88 0.00	61.68 -6.03 0.00	70.77 -6.66 0.00	62.57 -5.59 0.00	56.60 -4.39 0.00	51.10 -3.90 0.00	46.28 -3.27 0.00	43.73 -2.84 0.00
LOCKPORT___CC2 323770	56.25 -5.56 0.00	57.22 -5.73 0.00	55.04 -5.51 0.00	54.48 -5.13 0.00	54.97 -5.17 0.00	54.38 -4.15 0.00	80.66 -5.70 0.00	79.87 -6.76 0.00	66.12 -6.70 0.00	62.08 -6.52 0.00	47.46 -3.85 0.00	46.03 -3.15 0.00	44.64 -3.00 0.00	43.65 -2.99 0.00	43.85 -3.15 0.00	45.92 -3.67 0.00	50.52 -4.88 0.00	61.68 -6.03 0.00	70.77 -6.66 0.00	62.57 -5.59 0.00	56.60 -4.39 0.00	51.10 -3.90 0.00	46.28 -3.27 0.00	43.73 -2.84 0.00
LOCKPORT___CC3 323771	56.25 -5.56 0.00	57.22 -5.73 0.00	55.04 -5.51 0.00	54.48 -5.13 0.00	54.97 -5.17 0.00	54.38 -4.15 0.00	80.66 -5.70 0.00	79.87 -6.76 0.00	66.12 -6.70 0.00	62.08 -6.52 0.00	47.46 -3.85 0.00	46.03 -3.15 0.00	44.64 -3.00 0.00	43.65 -2.99 0.00	43.85 -3.15 0.00	45.92 -3.67 0.00	50.52 -4.88 0.00	61.68 -6.03 0.00	70.77 -6.66 0.00	62.57 -5.59 0.00	56.60 -4.39 0.00	51.10 -3.90 0.00	46.28 -3.27 0.00	43.73 -2.84 0.00
LONG_LAKE_PHOENIX 24014	60.89 -0.93 0.00	62.01 -0.94 0.00	59.59 -0.97 0.00	58.72 -0.89 0.00	59.18 -0.96 0.00	58.01 -0.53 0.00	85.93 -0.43 0.00	86.19 -0.43 0.00	72.02 -0.80 0.00	67.50 -1.10 0.00	50.74 -0.56 0.00	48.74 -0.44 0.00	47.12 -0.52 0.00	46.07 -0.56 0.00	46.24 -0.75 0.00	48.80 -0.79 0.00	54.51 -0.89 0.00	66.82 -0.88 0.00	76.58 -0.85 0.00	67.54 -0.61 0.00	60.51 -0.49 0.00	54.62 -0.39 0.00	49.01 -0.55 0.00	45.97 -0.61 0.00
LOVETT___3 23632	64.12 1.36 -0.94	63.43 1.45 0.97	61.95 1.39 0.00	60.86 1.25 0.00	62.21 1.32 -0.74	66.48 1.23 -6.72	96.02 2.85 -6.81	94.02 3.38 -4.02	61.36 2.11 13.57	55.98 2.13 14.75	52.79 1.49 0.00	50.56 1.38 0.00	49.07 1.43 0.00	48.03 1.40 0.00	48.45 1.46 0.00	51.03 1.44 0.00	57.06 1.66 0.00	69.93 2.03 -0.20	79.83 2.40 0.00	70.20 2.04 0.00	62.70 1.71 0.00	56.60 1.60 0.00	51.09 1.54 0.00	48.02 1.44 0.00
LOVETT___4 23642	64.12 1.36 -0.94	63.43 1.45 0.97	61.95 1.39 0.00	60.86 1.25 0.00	62.21 1.32 -0.74	66.48 1.23 -6.72	96.02 2.85 -6.81	94.02 3.38 -4.02	61.36 2.11 13.57	55.98 2.13 14.75	52.79 1.49 0.00	50.56 1.38 0.00	49.07 1.43 0.00	48.03 1.40 0.00	48.45 1.46 0.00	51.03 1.44 0.00	57.06 1.66 0.00	69.93 2.03 -0.20	79.83 2.40 0.00	70.20 2.04 0.00	62.70 1.71 0.00	56.60 1.60 0.00	51.09 1.54 0.00	48.02 1.44 0.00
LOVETT___5 23593	64.12 1.36 -0.94	63.43 1.45 0.97	61.95 1.39 0.00	60.86 1.25 0.00	62.21 1.32 -0.74	66.48 1.23 -6.72	96.02 2.85 -6.81	94.02 3.38 -4.02	61.36 2.11 13.57	55.98 2.13 14.75	52.79 1.49 0.00	50.56 1.38 0.00	49.07 1.43 0.00	48.03 1.40 0.00	48.45 1.46 0.00	51.03 1.44 0.00	57.06 1.66 0.00	69.93 2.03 -0.20	79.83 2.40 0.00	70.20 2.04 0.00	62.70 1.71 0.00	56.60 1.60 0.00	51.09 1.54 0.00	48.02 1.44 0.00
LOWER RAQUET___HYD 24057	69.48 7.66 0.00	70.69 7.74 0.00	68.06 7.51 0.00	67.36 7.75 0.00	66.99 6.85 0.00	64.21 5.68 0.00	85.58 -0.78 0.00	86.37 -0.26 0.00	72.09 -0.73 0.00	70.18 1.58 0.00	56.80 5.49 0.00	54.69 5.51 0.00	52.84 5.19 0.00	51.67 5.04 0.00	51.98 4.98 0.00	54.50 4.91 0.00	59.33 3.93 0.00	72.44 4.74 0.00	82.23 4.80 0.00	72.92 4.77 0.00	65.08 4.09 0.00	59.02 4.01 0.00	54.95 5.40 0.00	52.06 5.49 0.00
LOWER___HUDSON 24059	111.93 3.03 -47.09	66.03 3.08 0.00	63.52 2.97 0.00	62.47 2.86 0.00	69.55 2.95 -6.46	119.92 2.81 -58.58	150.21 4.49 -59.36	160.48 4.67 -69.18	99.68 3.64 -23.22	72.23 3.63 0.00	53.46 2.15 0.00	51.09 1.92 0.00	49.45 1.81 0.00	48.40 1.77 0.00	48.88 1.88 0.00	51.67 2.08 0.00	58.05 2.66 0.00	72.65 3.18 -1.76	81.00 3.56 0.00	71.36 3.20 0.00	63.68 2.68 0.00	57.54 2.53 0.00	51.68 2.13 0.00	48.62 2.05 0.00
LOWVILLE_115KV_TB2 356335	64.91 3.09 0.00	66.10 3.15 0.00	63.58 3.03 0.00	62.77 3.16 0.00	63.03 2.89 0.00	61.40 2.87 0.00	88.78 2.42 0.00	90.44 3.81 0.00	77.04 4.22 0.00	71.83 3.22 0.00	54.08 2.77 0.00	51.64 2.46 0.00	49.98 2.33 0.00	48.78 2.15 0.00	49.11 2.11 0.00	51.87 2.28 0.00	57.06 1.66 0.00	70.07 2.37 0.00	78.52 1.08 0.00	71.08 2.93 0.00	63.50 2.50 0.00	57.21 2.20 0.00	51.88 2.33 0.00	48.62 2.05 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	121.51 4.39 -55.30	67.36 4.41 0.00	64.85 4.30 0.00	63.78 4.17 0.00	72.00 4.27 -7.59	131.49 4.16 -68.79	162.38 6.30 -69.72	174.37 6.50 -81.25	105.16 5.17 -27.17	73.61 5.01 0.00	54.43 3.13 0.00	52.03 2.85 0.00	50.26 2.62 0.00	49.15 2.52 0.00	49.63 2.63 0.00	52.56 2.98 0.00	59.16 3.77 0.00	74.44 4.67 -2.06	82.62 5.19 0.00	72.72 4.57 0.00	64.90 3.90 0.00	58.64 3.63 0.00	52.67 3.12 0.00	49.41 2.84 0.00

NEG CENTRAL_HIGH_ACRES 23767	57.80 -4.02 0.00	58.79 -4.16 0.00	56.62 -3.94 0.00	55.92 -3.70 0.00	56.35 -3.79 0.00	55.49 -3.05 0.00	82.30 -4.06 0.00	82.47 -4.16 0.00	68.59 -4.23 0.00	64.28 -4.32 0.00	48.64 -2.67 0.00	46.92 -2.26 0.00	45.45 -2.19 0.00	44.35 -2.28 0.00	44.50 -2.49 0.00	46.81 -2.78 0.00	52.01 -3.38 0.00	63.71 -3.99 0.00	73.02 -4.41 0.00	64.34 -3.82 0.00	57.70 -3.29 0.00	52.04 -2.97 0.00	46.83 -2.73 0.00	44.06 -2.52 0.00
NEG CENTRAL___DRP 24199	60.21 -1.61 0.00	61.31 -1.64 0.00	58.92 -1.63 0.00	58.12 -1.49 0.00	58.64 -1.50 0.00	57.72 -0.82 0.00	85.50 -0.86 0.00	85.67 -0.95 0.00	71.36 -1.46 0.00	66.82 -1.78 0.00	50.48 -0.82 0.00	48.54 -0.64 0.00	46.97 -0.67 0.00	45.93 -0.70 0.00	46.15 -0.85 0.00	48.65 -0.94 0.00	54.29 -1.11 0.00	66.49 -1.22 0.00	76.35 -1.08 0.00	67.13 -1.02 0.00	60.14 -0.85 0.00	54.29 -0.72 0.00	48.76 -0.79 0.00	45.73 -0.84 0.00
NEG CENTRAL___INDECK 23768	61.56 -1.61 -1.35	61.25 -1.70 0.00	58.98 -1.57 0.00	58.24 -1.37 0.00	58.95 -1.38 -0.19	59.81 -0.41 -1.68	88.15 0.09 -1.71	87.83 -0.78 -1.99	71.14 -2.33 -0.66	65.45 -3.15 0.00	49.61 -1.69 0.00	47.90 -1.28 0.00	46.40 -1.24 0.00	45.28 -1.35 0.00	45.54 -1.46 0.00	48.05 -1.54 0.00	53.46 -1.94 0.00	65.86 -1.90 -0.05	75.80 -1.63 0.00	67.06 -1.09 0.00	60.27 -0.73 0.00	54.24 -0.77 0.00	48.61 -0.94 0.00	45.69 -0.89 0.00
NEG CENTRAL___SENECA 23627	60.21 -1.61 0.00	61.31 -1.64 0.00	58.92 -1.63 0.00	58.12 -1.49 0.00	58.70 -1.44 0.00	57.83 -0.70 0.00	85.67 -0.69 0.00	85.67 -0.95 0.00	71.36 -1.46 0.00	66.68 -1.92 0.00	50.54 -0.77 0.00	48.69 -0.49 0.00	47.02 -0.62 0.00	45.98 -0.65 0.00	46.24 -0.75 0.00	48.70 -0.89 0.00	54.34 -1.05 0.00	66.55 -1.15 0.00	76.50 -0.93 0.00	67.20 -0.95 0.00	60.26 -0.73 0.00	54.40 -0.61 0.00	48.81 -0.74 0.00	45.83 -0.75 0.00
NEG CENTRAL___STATE_STREET 24147	60.58 -1.24 0.00	61.69 -1.26 0.00	59.28 -1.27 0.00	58.36 -1.25 0.00	58.88 -1.26 0.00	57.77 -0.76 0.00	85.84 -0.52 0.00	86.11 -0.52 0.00	71.80 -1.02 0.00	67.44 -1.17 0.00	50.74 -0.56 0.00	48.74 -0.44 0.00	47.21 -0.43 0.00	46.12 -0.51 0.00	46.39 -0.61 0.00	48.89 -0.69 0.00	54.62 -0.78 0.00	66.89 -0.81 0.00	76.74 -0.70 0.00	67.47 -0.68 0.00	60.45 -0.55 0.00	54.51 -0.50 0.00	48.91 -0.64 0.00	45.87 -0.70 0.00
NEG MILLWOOD___DRP 24198	71.26 2.78 -6.67	65.99 2.83 -0.20	63.22 2.66 0.00	62.17 2.56 0.00	63.69 2.77 -0.79	68.18 2.52 -7.13	98.59 5.01 -7.22	101.24 5.37 -9.24	82.69 3.71 -6.16	75.20 3.50 -3.10	53.77 2.46 0.00	51.39 2.21 0.00	49.83 2.19 0.00	48.68 2.05 0.00	49.16 2.16 0.00	51.92 2.33 0.00	58.17 2.77 0.00	71.37 3.45 -0.21	81.61 4.18 0.00	71.70 3.54 0.00	63.99 2.99 0.00	57.65 2.64 0.00	51.83 2.28 0.00	48.62 2.05 0.00
NEG NORTH_FLCN_SEA 23793	63.42 1.61 0.00	64.46 1.51 0.00	61.95 1.39 0.00	61.04 1.43 0.00	61.58 1.44 0.00	59.88 1.35 0.00	86.88 0.52 0.00	87.15 0.52 0.00	74.42 1.60 0.00	70.18 1.58 0.00	52.74 1.44 0.00	50.70 1.52 0.00	49.02 1.38 0.00	48.17 1.54 0.00	48.50 1.50 0.00	51.37 1.79 0.00	57.17 1.77 0.00	70.01 2.30 0.00	79.60 2.17 0.00	70.13 1.98 0.00	62.95 1.95 0.00	56.77 1.76 0.00	51.24 1.68 0.00	48.29 1.72 0.00
NEG NORTH_KES_CHATEGAY 23792	62.93 1.11 0.00	64.02 1.07 0.00	61.52 0.97 0.00	60.63 1.01 0.00	61.04 0.90 0.00	59.24 0.70 0.00	85.76 -0.60 0.00	85.85 -0.78 0.00	73.48 0.66 0.00	69.29 0.69 0.00	52.02 0.72 0.00	49.92 0.74 0.00	48.36 0.71 0.00	47.47 0.84 0.00	47.84 0.85 0.00	50.58 0.99 0.00	56.34 0.94 0.00	68.85 1.15 0.00	78.05 0.62 0.00	69.11 0.95 0.00	61.97 0.98 0.00	55.89 0.88 0.00	50.49 0.94 0.00	47.55 0.98 0.00
NEG NORTH___ALICE_FALLS 23915	63.73 1.92 0.00	64.78 1.83 0.00	62.25 1.70 0.00	61.28 1.67 0.00	61.83 1.68 0.00	60.17 1.64 0.00	87.31 0.95 0.00	87.49 0.87 0.00	74.79 1.97 0.00	70.45 1.85 0.00	52.95 1.64 0.00	50.85 1.67 0.00	49.21 1.57 0.00	48.31 1.68 0.00	48.64 1.64 0.00	51.57 1.98 0.00	57.39 1.99 0.00	70.28 2.57 0.00	79.83 2.40 0.00	70.40 2.25 0.00	63.19 2.20 0.00	56.99 1.98 0.00	51.38 1.83 0.00	48.39 1.82 0.00
NEG NORTH___LWR_SARANAC 23913	63.73 1.92 0.00	64.78 1.83 0.00	62.25 1.70 0.00	61.28 1.67 0.00	61.83 1.68 0.00	60.17 1.64 0.00	87.31 0.95 0.00	87.49 0.87 0.00	74.79 1.97 0.00	70.45 1.85 0.00	52.95 1.64 0.00	50.85 1.67 0.00	49.21 1.57 0.00	48.31 1.68 0.00	48.64 1.64 0.00	51.57 1.98 0.00	57.39 1.99 0.00	70.28 2.57 0.00	79.83 2.40 0.00	70.40 2.25 0.00	63.19 2.20 0.00	56.99 1.98 0.00	51.38 1.83 0.00	48.39 1.82 0.00
NEG NORTH___PLATTSBURG 23628	63.74 1.92 0.00	64.78 1.83 0.00	62.25 1.69 0.00	61.28 1.67 0.00	61.82 1.68 0.00	60.17 1.64 0.00	87.14 0.78 0.00	87.40 0.78 0.00	74.42 1.60 0.00	70.11 1.51 0.00	52.95 1.64 0.00	50.85 1.67 0.00	49.21 1.57 0.00	48.31 1.68 0.00	48.64 1.64 0.00	51.57 1.99 0.00	57.39 1.99 0.00	70.28 2.57 0.00	80.22 2.78 0.00	70.54 2.38 0.00	63.19 2.19 0.00	56.88 1.87 0.00	51.38 1.83 0.00	48.39 1.81 0.00
NEG WEST_LEA_LOCKPORT 23791	55.82 -6.00 0.00	56.78 -6.17 0.00	54.62 -5.93 0.00	54.07 -5.54 0.00	54.49 -5.65 0.00	54.03 -4.51 0.00	79.97 -6.39 0.00	79.18 -7.45 0.00	65.39 -7.43 0.00	61.60 -7.00 0.00	47.46 -3.85 0.00	46.03 -3.15 0.00	44.50 -3.14 0.00	43.65 -2.98 0.00	43.85 -3.15 0.00	45.92 -3.67 0.00	50.52 -4.87 0.00	61.68 -6.03 0.00	71.08 -6.35 0.00	62.50 -5.66 0.00	56.60 -4.39 0.00	51.10 -3.91 0.00	46.53 -3.02 0.00	43.92 -2.65 0.00
NEG WEST___LANCASTR 23811	60.20 -2.97 -1.35	59.80 -3.15 0.00	57.47 -3.09 0.00	56.99 -2.62 0.00	57.56 -2.77 -0.19	58.69 -1.52 -1.68	86.33 -1.73 -1.70	85.84 -2.77 -1.98	69.91 -3.57 -0.65	65.10 -3.50 0.00	49.82 -1.49 0.00	48.29 -0.89 0.00	46.64 -1.00 0.00	45.79 -0.84 0.00	46.01 -0.99 0.00	48.20 -1.39 0.00	53.24 -2.16 0.00	65.25 -2.51 -0.05	75.11 -2.32 0.00	66.11 -2.04 0.00	59.72 -1.28 0.00	53.80 -1.21 0.00	48.86 -0.69 0.00	46.01 -0.56 0.00
NEG_PENN_ALLEGHNY 23528	63.87 -0.50 -2.55	62.38 -0.57 0.00	59.95 -0.61 0.00	59.13 -0.48 0.00	60.01 -0.48 -0.35	61.71 0.00 -3.18	90.19 0.61 -3.22	90.81 0.44 -3.75	73.69 -0.36 -1.24	68.05 -0.55 0.00	51.15 -0.15 0.00	49.18 0.00 0.00	47.64 0.00 0.00	46.58 -0.05 0.00	46.86 -0.14 0.00	49.39 -0.20 0.00	55.07 -0.33 0.00	67.60 -0.20 -0.09	77.35 -0.08 0.00	68.09 -0.07 0.00	61.06 0.06 0.00	55.01 0.00 0.00	49.45 -0.10 0.00	46.53 -0.05 0.00
NEG___GEN_MONROE 24207	58.23 -3.59 0.00	59.11 -3.84 0.00	56.98 -3.57 0.00	56.27 -3.34 0.00	56.71 -3.43 0.00	56.08 -2.46 0.00	82.99 -3.37 0.00	82.81 -3.81 0.00	68.52 -4.30 0.00	64.21 -4.39 0.00	48.84 -2.46 0.00	47.16 -2.02 0.00	45.59 -2.05 0.00	44.67 -1.96 0.00	44.83 -2.16 0.00	47.06 -2.53 0.00	52.18 -3.21 0.00	63.84 -3.86 0.00	73.56 -3.87 0.00	64.75 -3.41 0.00	58.37 -2.62 0.00	52.75 -2.26 0.00	47.67 -1.88 0.00	44.85 -1.72 0.00

NEPA___ENERGY 23901	59.84 -3.34 -1.36	59.43 -3.53 0.00	57.10 -3.45 0.00	56.63 -2.98 0.00	57.20 -3.13 -0.19	58.35 -1.87 -1.69	85.91 -2.16 -1.71	85.33 -3.29 -1.99	69.33 -4.15 -0.66	64.49 -4.12 0.00	49.36 -1.95 0.00	47.85 -1.33 0.00	46.21 -1.43 0.00	45.32 -1.31 0.00	45.54 -1.46 0.00	47.70 -1.88 0.00	52.79 -2.60 0.00	64.77 -2.98 -0.05	74.49 -2.94 0.00	65.63 -2.52 0.00	59.29 -1.71 0.00	53.41 -1.60 0.00	48.46 -1.09 0.00	45.73 -0.84 0.00
NEVERSINK___HYD 23608	68.60 1.79 -4.98	64.70 1.95 0.20	62.49 1.94 0.00	61.52 1.91 0.00	62.82 1.87 -0.81	67.71 1.82 -7.36	97.61 3.80 -7.46	98.66 4.16 -7.87	74.98 2.70 0.54	67.85 2.33 3.09	52.84 1.54 0.00	50.51 1.33 0.00	48.93 1.29 0.00	47.93 1.30 0.00	48.40 1.41 0.00	50.98 1.39 0.00	57.17 1.77 0.00	70.35 2.43 -0.22	80.53 3.10 0.00	70.74 2.59 0.00	63.25 2.26 0.00	56.98 1.98 0.00	51.38 1.83 0.00	48.11 1.53 0.00
NEWKRMKL_115KV_TB1 55635	99.55 2.53 -35.20	65.66 2.71 0.00	63.16 2.60 0.00	62.12 2.50 0.00	67.50 2.53 -4.83	104.73 2.40 -43.79	134.54 3.80 -44.38	142.25 3.90 -51.72	97.87 4.01 -21.05	72.58 3.98 0.00	53.87 2.57 0.00	51.49 2.31 0.00	49.83 2.19 0.00	48.73 2.10 0.00	49.21 2.21 0.00	52.02 2.43 0.00	58.39 2.99 0.00	72.89 3.59 -1.60	81.38 3.95 0.00	71.63 3.48 0.00	63.92 2.93 0.00	57.70 2.70 0.00	51.88 2.33 0.00	48.76 2.19 0.00
NEWTON___FALLS_HYD 23847	67.20 5.38 0.00	68.36 5.41 0.00	65.76 5.21 0.00	65.04 5.42 0.00	64.95 4.81 0.00	62.75 4.21 0.00	86.96 0.60 0.00	88.01 1.39 0.00	77.63 4.81 0.00	72.65 4.05 0.00	55.26 3.95 0.00	52.97 3.79 0.00	51.21 3.57 0.00	50.08 3.45 0.00	50.38 3.38 0.00	52.96 3.37 0.00	58.00 2.60 0.00	71.09 3.39 0.00	76.50 -0.93 0.00	71.77 3.61 0.00	64.17 3.17 0.00	58.03 3.03 0.00	53.37 3.82 0.00	50.30 3.73 0.00
NGRID_A1_DSASP 323792	55.64 -6.18 0.00	56.59 -6.36 0.00	54.50 -6.05 0.00	53.89 -5.72 0.00	54.37 -5.77 0.00	53.80 -4.74 0.00	79.62 -6.74 0.00	78.83 -7.80 0.00	65.25 -7.57 0.00	61.13 -7.48 0.00	46.74 -4.57 0.00	45.34 -3.84 0.00	43.97 -3.67 0.00	43.04 -3.59 0.00	43.23 -3.76 0.00	45.22 -4.36 0.00	49.69 -5.70 0.00	60.60 -7.11 0.00	69.53 -7.90 0.00	61.54 -6.61 0.00	55.75 -5.25 0.00	50.39 -4.62 0.00	45.63 -3.92 0.00	43.22 -3.35 0.00
NGRID_A2_DSASP 323793	55.64 -6.18 0.00	56.59 -6.36 0.00	54.50 -6.05 0.00	53.89 -5.72 0.00	54.37 -5.77 0.00	53.80 -4.74 0.00	79.62 -6.74 0.00	78.83 -7.80 0.00	65.25 -7.57 0.00	61.13 -7.48 0.00	46.74 -4.57 0.00	45.34 -3.84 0.00	43.97 -3.67 0.00	43.04 -3.59 0.00	43.23 -3.76 0.00	45.22 -4.36 0.00	49.69 -5.70 0.00	60.60 -7.11 0.00	69.53 -7.90 0.00	61.54 -6.61 0.00	55.75 -5.25 0.00	50.39 -4.62 0.00	45.63 -3.92 0.00	43.22 -3.35 0.00
NGRID_A4_DSASP 323807	55.64 -6.18 0.00	56.59 -6.36 0.00	54.50 -6.05 0.00	53.89 -5.72 0.00	54.37 -5.77 0.00	53.80 -4.74 0.00	79.62 -6.74 0.00	78.83 -7.80 0.00	65.25 -7.57 0.00	61.13 -7.48 0.00	46.74 -4.57 0.00	45.34 -3.84 0.00	43.97 -3.67 0.00	43.04 -3.59 0.00	43.23 -3.76 0.00	45.22 -4.36 0.00	49.69 -5.70 0.00	60.60 -7.11 0.00	69.53 -7.90 0.00	61.54 -6.61 0.00	55.75 -5.25 0.00	50.39 -4.62 0.00	45.63 -3.92 0.00	43.22 -3.35 0.00
NIAGARA_115E_LBMP 323715	55.51 -6.31 0.00	56.47 -6.48 0.00	54.32 -6.24 0.00	53.77 -5.84 0.00	54.19 -5.96 0.00	53.68 -4.86 0.00	79.54 -6.82 0.00	78.74 -7.88 0.00	65.18 -7.65 0.00	61.06 -7.55 0.00	46.69 -4.62 0.00	45.29 -3.89 0.00	43.93 -3.72 0.00	42.95 -3.68 0.00	43.14 -3.85 0.00	45.13 -4.46 0.00	49.63 -5.76 0.00	60.60 -7.11 0.00	69.53 -7.90 0.00	61.48 -6.68 0.00	55.69 -5.31 0.00	50.33 -4.68 0.00	45.58 -3.97 0.00	43.13 -3.45 0.00
NIAGARA_115W_LBMP 323714	55.58 -6.24 0.00	56.53 -6.42 0.00	54.38 -6.18 0.00	53.83 -5.78 0.00	54.25 -5.89 0.00	53.68 -4.86 0.00	79.45 -6.91 0.00	78.66 -7.97 0.00	65.10 -7.72 0.00	60.98 -7.62 0.00	46.64 -4.67 0.00	45.24 -3.94 0.00	43.88 -3.76 0.00	42.95 -3.68 0.00	43.14 -3.85 0.00	45.13 -4.46 0.00	49.58 -5.82 0.00	60.46 -7.24 0.00	69.38 -8.05 0.00	61.41 -6.75 0.00	55.63 -5.37 0.00	50.28 -4.73 0.00	45.54 -4.01 0.00	43.13 -3.45 0.00
NIAGARA_230_LBMP 323716	56.13 -5.69 0.00	57.10 -5.85 0.00	54.92 -5.63 0.00	54.31 -5.31 0.00	54.79 -5.35 0.00	54.20 -4.33 0.00	80.23 -6.13 0.00	79.44 -7.19 0.00	65.83 -6.99 0.00	61.68 -6.93 0.00	47.15 -4.15 0.00	45.69 -3.49 0.00	44.31 -3.34 0.00	43.37 -3.27 0.00	43.57 -3.43 0.00	45.57 -4.02 0.00	50.13 -5.26 0.00	61.20 -6.50 0.00	70.23 -7.20 0.00	62.09 -6.07 0.00	56.18 -4.82 0.00	50.77 -4.23 0.00	45.98 -3.57 0.00	43.50 -3.08 0.00
NIAGARA___115KV_198_GIBSON 55903	55.33 -6.49 0.00	56.28 -6.67 0.00	54.20 -6.36 0.00	53.65 -5.96 0.00	54.01 -6.13 0.00	53.56 -4.98 0.00	79.11 -7.25 0.00	78.22 -8.40 0.00	64.66 -8.16 0.00	60.71 -7.89 0.00	46.64 -4.67 0.00	45.24 -3.93 0.00	43.73 -3.91 0.00	42.95 -3.68 0.00	43.14 -3.85 0.00	45.13 -4.46 0.00	49.58 -5.82 0.00	60.46 -7.24 0.00	69.69 -7.74 0.00	61.34 -6.82 0.00	55.63 -5.37 0.00	50.28 -4.73 0.00	45.83 -3.72 0.00	43.31 -3.26 0.00
NIAGARA___ 23760	56.13 -5.69 0.00	57.10 -5.85 0.00	54.92 -5.63 0.00	54.31 -5.31 0.00	54.79 -5.35 0.00	54.20 -4.33 0.00	80.23 -6.13 0.00	79.44 -7.19 0.00	65.83 -6.99 0.00	61.68 -6.93 0.00	47.15 -4.15 0.00	45.69 -3.49 0.00	44.31 -3.34 0.00	43.37 -3.27 0.00	43.57 -3.43 0.00	45.57 -4.02 0.00	50.13 -5.26 0.00	61.20 -6.50 0.00	70.23 -7.20 0.00	62.09 -6.07 0.00	56.18 -4.82 0.00	50.77 -4.23 0.00	45.98 -3.57 0.00	43.50 -3.08 0.00
NINE_MILE_1 23575	58.98 -2.84 0.00	60.06 -2.89 0.00	57.77 -2.78 0.00	56.87 -2.74 0.00	57.38 -2.77 0.00	56.08 -2.46 0.00	82.90 -3.46 0.00	83.16 -3.47 0.00	69.62 -3.20 0.00	65.52 -3.09 0.00	49.10 -2.20 0.00	47.16 -2.02 0.00	45.69 -1.96 0.00	44.67 -1.96 0.00	44.98 -2.02 0.00	47.46 -2.13 0.00	52.90 -2.49 0.00	64.73 -2.98 0.00	74.10 -3.33 0.00	65.23 -2.93 0.00	58.44 -2.56 0.00	52.70 -2.31 0.00	47.42 -2.13 0.00	44.57 -2.00 0.00
NINE_MILE_2 23744	58.98 -2.84 0.00	60.06 -2.89 0.00	57.77 -2.78 0.00	56.87 -2.74 0.00	57.38 -2.77 0.00	56.08 -2.46 0.00	82.90 -3.46 0.00	83.16 -3.47 0.00	69.62 -3.20 0.00	65.52 -3.09 0.00	49.10 -2.20 0.00	47.16 -2.02 0.00	45.69 -1.96 0.00	44.67 -1.96 0.00	44.98 -2.02 0.00	47.46 -2.13 0.00	52.90 -2.49 0.00	64.73 -2.98 0.00	74.10 -3.33 0.00	65.23 -2.93 0.00	58.44 -2.56 0.00	52.70 -2.31 0.00	47.42 -2.13 0.00	44.57 -2.00 0.00
NM_CAPITAL___DRP 24208	98.73 2.47 -34.44	65.59 2.64 0.00	63.10 2.54 0.00	62.06 2.44 0.00	67.33 2.47 -4.73	103.66 2.28 -42.84	133.49 3.71 -43.42	141.04 3.81 -50.60	93.17 2.99 -17.37	71.62 3.02 0.00	53.15 1.85 0.00	50.80 1.62 0.00	49.21 1.57 0.00	48.17 1.54 0.00	48.64 1.64 0.00	51.37 1.79 0.00	57.61 2.22 0.00	71.60 2.57 -1.32	80.37 2.94 0.00	70.68 2.52 0.00	63.19 2.20 0.00	57.04 2.04 0.00	51.28 1.73 0.00	48.25 1.68 0.00

NM_CENTRAL___DRP 24181	59.96 -1.85 0.00	61.06 -1.89 0.00	58.68 -1.88 0.00	57.82 -1.79 0.00	58.34 -1.80 0.00	57.07 -1.46 0.00	84.63 -1.73 0.00	84.81 -1.82 0.00	70.93 -1.89 0.00	66.68 -1.92 0.00	50.13 -1.18 0.00	48.20 -0.98 0.00	46.64 -1.00 0.00	45.56 -1.07 0.00	45.87 -1.13 0.00	48.35 -1.24 0.00	53.90 -1.50 0.00	66.01 -1.69 0.00	75.57 -1.86 0.00	66.52 -1.64 0.00	59.59 -1.40 0.00	53.80 -1.21 0.00	48.41 -1.14 0.00	45.45 -1.12 0.00
NM_FRONTIER___DRP 24179	55.33 -6.49 0.00	56.28 -6.67 0.00	54.20 -6.36 0.00	53.65 -5.96 0.00	54.01 -6.13 0.00	53.56 -4.98 0.00	79.11 -7.25 0.00	78.22 -8.40 0.00	64.66 -8.16 0.00	60.71 -7.89 0.00	46.64 -4.67 0.00	45.24 -3.93 0.00	43.73 -3.91 0.00	42.95 -3.68 0.00	43.14 -3.85 0.00	45.13 -4.46 0.00	49.58 -5.82 0.00	60.46 -7.24 0.00	69.69 -7.74 0.00	61.34 -6.82 0.00	55.63 -5.37 0.00	50.28 -4.73 0.00	45.83 -3.72 0.00	43.31 -3.26 0.00
NM_ST_REGIS___HYD 24053	68.56 6.74 0.00	69.75 6.80 0.00	67.09 6.54 0.00	66.35 6.74 0.00	66.10 5.95 0.00	63.57 5.03 0.00	85.93 -0.43 0.00	86.54 -0.09 0.00	78.06 5.24 0.00	73.40 4.80 0.00	56.18 4.87 0.00	54.05 4.87 0.00	52.22 4.57 0.00	51.11 4.48 0.00	51.41 4.42 0.00	54.00 4.41 0.00	59.00 3.60 0.00	72.10 4.40 0.00	76.12 -1.32 0.00	72.38 4.23 0.00	64.78 3.78 0.00	58.75 3.74 0.00	54.36 4.81 0.00	51.42 4.84 0.00
NORTHPORT___1 23551	80.20 3.46 -14.92	75.06 3.65 -8.46	72.62 3.51 -8.55	69.50 3.34 -6.55	74.51 3.49 -10.88	90.48 3.45 -28.49	116.17 6.30 -23.51	121.24 6.84 -27.77	90.32 4.66 -12.84	81.53 3.70 -9.23	54.02 2.72 0.00	51.54 2.36 0.00	50.07 2.43 0.00	48.96 2.33 0.00	49.53 2.54 0.00	53.44 2.98 -0.88	58.66 3.27 0.00	71.90 3.99 -0.21	85.43 4.88 -3.11	72.31 4.16 0.00	64.66 3.66 0.00	57.87 2.86 0.00	52.43 2.87 -0.01	49.32 2.75 0.00
NORTHPORT___2 23552	80.20 3.46 -14.92	75.06 3.65 -8.46	72.62 3.51 -8.55	69.50 3.34 -6.55	74.51 3.49 -10.88	90.48 3.45 -28.49	116.17 6.30 -23.51	121.24 6.84 -27.77	90.32 4.66 -12.84	81.53 3.70 -9.23	54.02 2.72 0.00	51.54 2.36 0.00	50.07 2.43 0.00	48.96 2.33 0.00	49.53 2.54 0.00	53.44 2.98 -0.88	58.66 3.27 0.00	71.90 3.99 -0.21	85.43 4.88 -3.11	72.31 4.16 0.00	64.66 3.66 0.00	57.87 2.86 0.00	52.43 2.87 -0.01	49.32 2.75 0.00
NORTHPORT___3 23553	81.69 4.95 -14.92	76.44 5.04 -8.46	73.89 4.78 -8.55	70.75 4.59 -6.55	75.77 4.75 -10.88	91.71 4.68 -28.49	117.73 7.86 -23.51	121.85 7.45 -27.77	91.92 6.26 -12.84	83.25 5.42 -9.23	55.46 4.15 0.00	52.91 3.74 0.00	51.50 3.86 0.00	50.27 3.64 0.00	50.89 3.90 0.00	54.88 4.41 -0.88	59.05 3.66 0.00	71.97 4.06 -0.21	85.58 5.03 -3.11	72.24 4.09 0.00	64.84 3.85 0.00	58.31 3.30 0.00	53.82 4.26 -0.01	50.48 3.91 0.00
NORTHPORT___4 23650	81.69 4.95 -14.92	76.44 5.04 -8.46	73.89 4.78 -8.55	70.75 4.59 -6.55	75.77 4.75 -10.88	91.71 4.68 -28.49	117.73 7.86 -23.51	121.85 7.45 -27.77	91.92 6.26 -12.84	83.25 5.42 -9.23	55.46 4.15 0.00	52.91 3.74 0.00	51.50 3.86 0.00	50.27 3.64 0.00	50.89 3.90 0.00	54.88 4.41 -0.88	59.05 3.66 0.00	71.97 4.06 -0.21	85.58 5.03 -3.11	72.24 4.09 0.00	64.84 3.85 0.00	58.31 3.30 0.00	53.82 4.26 -0.01	50.48 3.91 0.00
NORTHPORT___IC 23718	80.26 3.52 -14.92	75.05 3.65 -8.45	72.67 3.57 -8.54	69.55 3.40 -6.54	74.56 3.55 -10.87	90.53 3.51 -28.48	116.08 6.22 -23.50	121.15 6.76 -27.76	90.24 4.59 -12.84	81.47 3.64 -9.23	54.08 2.77 0.00	51.54 2.36 0.00	50.12 2.48 0.00	48.92 2.28 0.00	49.53 2.54 0.00	53.43 2.98 -0.87	58.66 3.27 0.00	71.90 3.99 -0.21	85.49 4.96 -3.11	72.31 4.16 0.00	64.60 3.60 0.00	57.98 2.97 0.00	52.47 2.92 0.00	49.23 2.65 0.00
NORTH___COUNTRY_ESR 323785	62.75 0.93 0.00	63.83 0.88 0.00	61.34 0.79 0.00	60.38 0.77 0.00	60.87 0.72 0.00	59.06 0.53 0.00	85.41 -0.95 0.00	85.50 -1.13 0.00	72.82 0.00 0.00	68.81 0.21 0.00	51.97 0.67 0.00	49.87 0.69 0.00	48.26 0.62 0.00	47.37 0.74 0.00	47.70 0.71 0.00	50.48 0.89 0.00	56.17 0.78 0.00	68.65 0.95 0.00	78.36 0.93 0.00	68.97 0.82 0.00	61.73 0.73 0.00	55.67 0.66 0.00	50.34 0.79 0.00	47.41 0.84 0.00
NPX_GEN_1385_PROXY 323591	79.89 3.15 -14.92	75.12 3.71 -8.46	72.86 3.76 -8.55	69.86 3.70 -6.55	74.93 3.91 -10.88	91.24 4.22 -28.49	116.86 6.99 -23.51	122.28 7.88 -27.77	90.68 5.02 -12.84	80.58 2.75 -9.23	53.10 1.79 0.00	50.65 1.47 0.00	48.97 1.33 0.00	48.12 1.49 0.00	48.69 1.69 0.00	52.70 2.23 -0.88	58.44 3.04 0.00	71.29 3.38 -0.21	84.34 3.79 -3.11	71.90 3.75 0.00	64.23 3.23 0.00	57.10 2.09 0.00	51.54 1.98 -0.01	48.90 2.33 0.00
NPX_GEN_CSC 323557	81.20 4.45 -14.92	75.94 4.54 -8.46	73.40 4.30 -8.55	70.22 4.06 -6.55	75.23 4.21 -10.88	91.24 4.22 -28.49	117.21 7.34 -23.51	122.28 7.88 -27.77	90.97 5.31 -12.84	82.16 4.32 -9.23	54.49 3.18 0.00	51.93 2.75 0.00	50.50 2.86 0.00	49.33 2.70 0.00	49.96 2.96 0.00	53.99 3.52 -0.88	59.16 3.77 0.00	72.85 4.94 -0.21	86.66 6.12 -3.11	73.20 5.04 0.00	65.51 4.51 0.00	58.53 3.52 0.00	53.03 3.47 -0.01	49.83 3.26 0.00
NSINS_S___GLNS_FALLS 23858	122.40 6.06 -54.52	68.99 6.04 0.00	66.43 5.87 0.00	65.33 5.72 0.00	73.52 5.89 -7.48	132.21 5.85 -67.82	163.90 8.81 -68.73	175.74 9.01 -80.10	106.97 7.35 -26.79	75.60 7.00 0.00	55.72 4.41 0.00	53.21 4.03 0.00	51.31 3.67 0.00	50.13 3.50 0.00	50.57 3.57 0.00	53.70 4.12 0.00	60.55 5.15 0.00	76.24 6.50 -2.03	84.63 7.20 0.00	74.56 6.41 0.00	66.43 5.43 0.00	60.07 5.06 0.00	53.91 4.36 0.00	50.48 3.91 0.00
NUCOR_STEEL___DRP 24197	60.77 -1.05 0.00	61.88 -1.07 0.00	59.46 -1.09 0.00	58.54 -1.07 0.00	59.06 -1.08 0.00	57.89 -0.64 0.00	86.01 -0.35 0.00	86.19 -0.43 0.00	71.87 -0.95 0.00	67.50 -1.10 0.00	50.69 -0.62 0.00	48.74 -0.44 0.00	47.17 -0.48 0.00	46.07 -0.56 0.00	46.34 -0.66 0.00	48.89 -0.69 0.00	54.56 -0.83 0.00	66.89 -0.81 0.00	76.74 -0.70 0.00	67.47 -0.68 0.00	60.45 -0.55 0.00	54.51 -0.50 0.00	48.96 -0.59 0.00	45.97 -0.61 0.00
NUMBER_THREE_WT_PWR 323818	64.91 3.09 0.00	66.10 3.15 0.00	63.58 3.03 0.00	62.77 3.16 0.00	63.03 2.89 0.00	61.35 2.81 0.00	88.60 2.24 0.00	90.35 3.72 0.00	75.00 2.18 0.00	70.59 1.99 0.00	54.02 2.72 0.00	51.59 2.41 0.00	49.93 2.29 0.00	48.78 2.15 0.00	49.06 2.07 0.00	51.82 2.23 0.00	57.00 1.61 0.00	70.01 2.30 0.00	80.22 2.78 0.00	71.08 2.93 0.00	63.44 2.44 0.00	57.15 2.14 0.00	51.83 2.28 0.00	48.62 2.05 0.00
NYISO_LBMP_REFERENCE 24008	61.82 0.00 0.00	62.95 0.00 0.00	60.55 0.00 0.00	59.61 0.00 0.00	60.14 0.00 0.00	58.54 0.00 0.00	86.36 0.00 0.00	86.63 0.00 0.00	72.82 0.00 0.00	68.60 0.00 0.00	51.31 0.00 0.00	49.18 0.00 0.00	47.64 0.00 0.00	46.63 0.00 0.00	47.00 0.00 0.00	49.59 0.00 0.00	55.40 0.00 0.00	67.70 0.00 0.00	77.43 0.00 0.00	68.15 0.00 0.00	61.00 0.00 0.00	55.01 0.00 0.00	49.55 0.00 0.00	46.57 0.00 0.00

NYPA_BRENTWD____GT 24164	81.07 4.33 -14.92	75.81 4.41 -8.46	73.34 4.24 -8.55	70.22 4.06 -6.55	75.23 4.21 -10.88	91.24 4.22 -28.49	117.30 7.43 -23.51	122.36 7.96 -27.77	91.19 5.53 -12.84	82.36 4.53 -9.23	54.69 3.39 0.00	52.18 3.00 0.00	50.69 3.05 0.00	49.57 2.94 0.00	50.15 3.15 0.00	54.14 3.67 -0.88	59.39 3.99 0.00	72.92 5.01 -0.21	86.74 6.20 -3.11	73.33 5.18 0.00	65.63 4.63 0.00	58.69 3.69 0.00	53.17 3.62 -0.01	49.93 3.36 0.00
NYPA_GOWANUS____GT5 24156	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.06 4.65 -221.98	231.71 3.95 -159.61	213.70 3.54 -149.17	170.42 3.19 -112.22	63.64 3.02 -11.06	63.55 2.75 -14.23
NYPA_GOWANUS____GT6 24157	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.30 2.68 -0.01	63.69 2.77 -0.78	68.19 2.64 -7.02	98.83 5.36 -7.11	103.40 6.06 -10.71	89.92 4.37 -12.74	82.10 4.25 -9.24	171.29 3.08 -116.90	168.93 2.85 -116.90	68.56 2.81 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	304.06 4.65 -221.98	231.71 3.95 -159.61	213.70 3.54 -149.17	170.42 3.19 -112.22	63.64 3.02 -11.06	63.55 2.75 -14.23
NYPA_HARLEM__RVR__GT1 24160	73.06 2.85 -8.40	66.52 2.96 -0.61	63.47 2.91 -0.01	62.36 2.74 -0.01	63.69 2.77 -0.78	68.07 2.52 -7.02	98.22 4.75 -7.11	102.36 5.02 -10.71	89.05 3.50 -12.74	81.17 3.43 -9.14	53.67 2.36 -0.01	51.40 2.22 -0.01	49.84 2.19 -0.01	48.78 2.15 -0.01	49.26 2.26 -0.01	51.88 2.28 -0.01	58.01 2.60 -0.01	70.97 3.05 -0.21	80.93 3.49 -0.01	71.09 2.93 -0.01	63.63 2.62 -0.01	57.38 2.36 -0.01	51.89 2.33 -0.01	48.86 2.28 -0.01
NYPA_HARLEM__RVR__GT2 24161	73.06 2.85 -8.40	66.52 2.96 -0.61	63.47 2.91 -0.01	62.36 2.74 -0.01	63.69 2.77 -0.78	68.07 2.52 -7.02	98.22 4.75 -7.11	102.36 5.02 -10.71	89.05 3.50 -12.74	81.17 3.43 -9.14	53.67 2.36 -0.01	51.40 2.22 -0.01	49.84 2.19 -0.01	48.78 2.15 -0.01	49.26 2.26 -0.01	51.88 2.28 -0.01	58.01 2.60 -0.01	70.97 3.05 -0.21	80.93 3.49 -0.01	71.09 2.93 -0.01	63.63 2.62 -0.01	57.38 2.36 -0.01	51.89 2.33 -0.01	48.86 2.28 -0.01
NYPA_KENT____GT 24152	73.06 2.85 -8.40	66.52 2.96 -0.61	63.41 2.85 -0.01	62.18 2.56 -0.01	63.57 2.64 -0.78	68.07 2.52 -7.02	98.65 5.18 -7.11	103.14 5.80 -10.71	89.70 4.15 -12.74	81.85 4.05 -9.20	129.54 2.87 -75.36	127.24 2.70 -75.36	63.39 2.67 -13.08	105.12 2.61 -55.88	59.62 2.63 -9.99	81.53 2.73 -29.21	88.17 3.10 -29.67	198.78 3.79 -127.29	127.74 4.33 -45.98	174.72 3.68 -102.89	115.88 3.23 -51.65	112.90 2.91 -54.98	58.91 2.82 -6.54	57.30 2.56 -8.16
NYPA_POUCH1____GT 24155	72.87 2.66 -8.40	66.32 2.77 -0.61	63.22 2.66 -0.01	62.01 2.39 -0.01	63.39 2.47 -0.78	67.90 2.34 -7.02	98.39 4.92 -7.11	102.96 5.63 -10.71	89.54 4.00 -12.72	81.63 3.91 -9.12	63.35 2.77 -9.27	63.33 2.56 -11.60	63.32 2.52 -13.16	63.32 2.52 -14.17	63.37 2.58 -13.79	63.46 2.63 -11.24	104.48 3.04 -46.04	268.70 3.65 -197.34	307.29 4.26 -225.60	231.37 3.61 -159.61	214.32 3.23 -150.09	170.48 2.86 -112.62	63.34 2.72 -11.06	63.32 2.51 -14.23
NYPA_VERNON____GT2 24162	72.87 2.66 -8.40	66.32 2.77 -0.61	63.29 2.73 -0.01	62.12 2.50 -0.01	63.45 2.53 -0.78	67.95 2.40 -7.02	98.39 4.92 -7.11	102.88 5.55 -10.71	89.49 3.93 -12.74	81.60 3.84 -9.15	87.84 2.72 -33.82	85.50 2.51 -33.82	58.17 2.48 -8.05	74.17 2.47 -25.07	54.01 2.54 -4.48	65.27 2.58 -13.11	71.64 2.93 -13.31	128.53 3.59 -57.24	102.16 4.10 -20.63	117.80 3.47 -46.17	76.84 3.05 -12.80	71.83 2.75 -14.07	54.24 2.67 -2.02	51.09 2.42 -2.10
NYPA_VERNON____GT3 24163	72.87 2.66 -8.40	66.32 2.77 -0.61	63.29 2.73 -0.01	62.12 2.50 -0.01	63.45 2.53 -0.78	67.95 2.40 -7.02	98.39 4.92 -7.11	102.88 5.55 -10.71	89.49 3.93 -12.74	81.60 3.84 -9.15	87.84 2.72 -33.82	85.50 2.51 -33.82	58.17 2.48 -8.05	74.17 2.47 -25.07	54.01 2.54 -4.48	65.27 2.58 -13.11	71.64 2.93 -13.31	128.53 3.59 -57.24	102.16 4.10 -20.63	117.80 3.47 -46.17	76.84 3.05 -12.80	71.83 2.75 -14.07	54.24 2.67 -2.02	51.09 2.42 -2.10
NYPA__ASTORIA_CC1 323568	72.87 2.66 -8.40	66.32 2.77 -0.61	63.29 2.73 -0.01	62.12 2.50 -0.01	63.45 2.53 -0.78	67.95 2.40 -7.02	98.39 4.92 -7.11	102.80 5.46 -10.71	89.41 3.86 -12.74	81.51 3.77 -9.14	70.76 2.67 -16.79	68.42 2.46 -16.79	55.50 2.43 -5.43	61.50 2.42 -12.45	51.71 2.49 -2.22	58.62 2.53 -6.50	64.88 2.88 -6.61	99.74 3.52 -28.52	91.70 4.02 -10.24	94.48 3.41 -22.92	66.00 2.99 -2.02	57.71 2.69 -0.01	52.57 2.62 -0.40	49.00 2.42 -0.01
NYPA__ASTORIA_CC2 323569	72.87 2.66 -8.40	66.32 2.77 -0.61	63.29 2.73 -0.01	62.12 2.50 -0.01	63.45 2.53 -0.78	67.95 2.40 -7.02	98.39 4.92 -7.11	102.80 5.46 -10.71	89.41 3.86 -12.74	81.51 3.77 -9.14	70.76 2.67 -16.79	68.42 2.46 -16.79	55.50 2.43 -5.43	61.50 2.42 -12.45	51.71 2.49 -2.22	58.62 2.53 -6.50	64.88 2.88 -6.61	99.74 3.52 -28.52	91.70 4.02 -10.24	94.48 3.41 -22.92	66.00 2.99 -2.02	57.71 2.69 -0.01	52.57 2.62 -0.40	49.00 2.42 -0.01
NYPA__HOLTSVILL 23794	80.88 4.14 -14.92	75.69 4.28 -8.46	73.16 4.06 -8.55	70.04 3.87 -6.55	74.99 3.97 -10.88	91.01 3.98 -28.49	116.96 7.08 -23.51	121.93 7.53 -27.77	90.83 5.17 -12.84	82.02 4.19 -9.23	54.44 3.13 0.00	51.93 2.75 0.00	50.50 2.86 0.00	49.33 2.70 0.00	49.91 2.91 0.00	53.89 3.42 -0.88	59.11 3.71 0.00	72.65 4.74 -0.21	86.36 5.81 -3.11	72.99 4.84 0.00	65.33 4.33 0.00	58.42 3.41 0.00	52.93 3.37 -0.01	49.74 3.17 0.00
NYPA__HELLGATE_GT1 24158	73.06 2.85 -8.40	66.52 2.96 -0.61	63.47 2.91 -0.01	62.36 2.74 -0.01	63.69 2.77 -0.78	68.07 2.52 -7.02	98.22 4.75 -7.11	102.36 5.02 -10.71	89.05 3.50 -12.74	81.17 3.43 -9.14	53.67 2.36 -0.01	51.40 2.22 -0.01	49.84 2.19 -0.01	48.78 2.15 -0.01	49.26 2.26 -0.01	51.88 2.28 -0.01	58.01 2.60 -0.01	70.97 3.05 -0.21	80.93 3.49 -0.01	71.09 2.93 -0.01	63.63 2.62 -0.01	57.38 2.36 -0.01	51.89 2.33 -0.01	48.86 2.28 -0.01
NYPA__HELLGATE_GT2 24159	73.06 2.85 -8.40	66.52 2.96 -0.61	63.47 2.91 -0.01	62.36 2.74 -0.01	63.69 2.77 -0.78	68.07 2.52 -7.02	98.22 4.75 -7.11	102.36 5.02 -10.71	89.05 3.50 -12.74	81.17 3.43 -9.14	53.67 2.36 -0.01	51.40 2.22 -0.01	49.84 2.19 -0.01	48.78 2.15 -0.01	49.26 2.26 -0.01	51.88 2.28 -0.01	58.01 2.60 -0.01	70.97 3.05 -0.21	80.93 3.49 -0.01	71.09 2.93 -0.01	63.63 2.62 -0.01	57.38 2.36 -0.01	51.89 2.33 -0.01	48.86 2.28 -0.01
NYS_BARGE__HYD 23848	56.32 -5.50 0.00	57.28 -5.67 0.00	55.10 -5.45 0.00	54.54 -5.07 0.00	55.03 -5.11 0.00	54.50 -4.04 0.00	80.75 -5.61 0.00	80.04 -6.59 0.00	66.27 -6.55 0.00	62.15 -6.45 0.00	47.51 -3.80 0.00	46.08 -3.10 0.00	44.69 -2.95 0.00	43.69 -2.94 0.00	43.85 -3.15 0.00	45.92 -3.67 0.00	50.58 -4.82 0.00	61.75 -5.96 0.00	70.85 -6.58 0.00	62.64 -5.52 0.00	56.67 -4.33 0.00	51.16 -3.85 0.00	46.33 -3.22 0.00	43.78 -2.79 0.00

OAK ORCHARD___HYD 24046	58.23 -3.59 0.00	59.30 -3.65 0.00	57.10 -3.45 0.00	56.39 -3.22 0.00	56.83 -3.31 0.00	56.02 -2.52 0.00	82.99 -3.37 0.00	82.99 -3.64 0.00	68.96 -3.86 0.00	64.62 -3.98 0.00	49.00 -2.31 0.00	47.31 -1.87 0.00	45.88 -1.76 0.00	44.81 -1.82 0.00	44.98 -2.02 0.00	47.26 -2.33 0.00	52.40 -2.99 0.00	64.11 -3.59 0.00	73.49 -3.95 0.00	64.82 -3.34 0.00	58.25 -2.74 0.00	52.59 -2.42 0.00	47.32 -2.23 0.00	44.57 -2.00 0.00
OAKDALE___35_KV_LOAD 356122	63.66 -0.80 -2.64	62.07 -0.88 0.00	59.65 -0.91 0.00	58.84 -0.77 0.00	59.72 -0.78 -0.36	61.47 -0.35 -3.29	89.69 0.00 -3.33	90.33 -0.17 -3.88	73.23 -0.87 -1.28	67.64 -0.96 0.00	50.89 -0.41 0.00	48.93 -0.25 0.00	47.36 -0.29 0.00	46.35 -0.28 0.00	46.62 -0.38 0.00	49.14 -0.45 0.00	54.79 -0.61 0.00	67.19 -0.61 -0.10	76.97 -0.46 0.00	67.75 -0.41 0.00	60.69 -0.30 0.00	54.73 -0.28 0.00	49.30 -0.25 0.00	46.34 -0.23 0.00
OCC_CHEM___DRP 24175	55.45 -6.37 0.00	56.40 -6.55 0.00	54.32 -6.24 0.00	53.77 -5.84 0.00	54.13 -6.01 0.00	53.68 -4.86 0.00	79.28 -7.08 0.00	78.40 -8.23 0.00	64.81 -8.01 0.00	60.85 -7.75 0.00	46.74 -4.57 0.00	45.34 -3.84 0.00	43.83 -3.81 0.00	43.04 -3.59 0.00	43.24 -3.76 0.00	45.22 -4.36 0.00	49.69 -5.71 0.00	60.60 -7.11 0.00	69.84 -7.59 0.00	61.47 -6.68 0.00	55.75 -5.25 0.00	50.39 -4.62 0.00	45.93 -3.62 0.00	43.40 -3.17 0.00
OH_GEN_PROXY 24063	52.95 -5.62 3.24	51.88 -5.79 5.28	50.41 -5.57 4.57	49.70 -5.19 4.72	50.67 -5.29 4.18	54.32 -4.22 0.00	75.84 -5.96 4.56	69.20 -6.93 10.49	58.31 -6.85 7.66	53.26 -6.79 8.55	47.25 -4.05 0.00	45.79 -3.39 0.00	44.40 -3.24 0.00	43.46 -3.17 0.00	43.66 -3.34 0.00	45.67 -3.92 0.00	50.25 -5.15 0.00	61.41 -6.29 0.00	70.46 -6.97 0.00	62.29 -5.86 0.00	56.36 -4.64 0.00	50.88 -4.13 0.00	46.08 -3.47 0.00	43.59 -2.98 0.00
OLIN_CORP_DRP 24177	55.45 -6.37 0.00	56.34 -6.61 0.00	54.26 -6.30 0.00	53.71 -5.90 0.00	54.07 -6.07 0.00	53.62 -4.92 0.00	79.28 -7.08 0.00	78.40 -8.23 0.00	64.81 -8.01 0.00	60.85 -7.75 0.00	46.79 -4.51 0.00	45.39 -3.79 0.00	43.88 -3.76 0.00	43.09 -3.54 0.00	43.28 -3.71 0.00	45.27 -4.31 0.00	49.80 -5.59 0.00	60.73 -6.97 0.00	70.00 -7.43 0.00	61.61 -6.54 0.00	55.81 -5.18 0.00	50.44 -4.57 0.00	45.93 -3.62 0.00	43.40 -3.17 0.00
OLIN_CORP_DSASP 323712	55.64 -6.18 0.00	56.59 -6.36 0.00	54.50 -6.05 0.00	53.89 -5.72 0.00	54.37 -5.77 0.00	53.80 -4.74 0.00	79.62 -6.74 0.00	78.83 -7.80 0.00	65.25 -7.57 0.00	61.13 -7.48 0.00	46.74 -4.57 0.00	45.34 -3.84 0.00	43.97 -3.67 0.00	43.04 -3.59 0.00	43.23 -3.76 0.00	45.22 -4.36 0.00	49.69 -5.70 0.00	60.60 -7.11 0.00	69.53 -7.90 0.00	61.54 -6.61 0.00	55.75 -5.25 0.00	50.39 -4.62 0.00	45.63 -3.92 0.00	43.22 -3.35 0.00
ONEIDA_HERK_LFGE 323681	64.11 2.29 0.00	65.28 2.33 0.00	62.80 2.24 0.00	61.93 2.32 0.00	62.37 2.23 0.00	60.76 2.22 0.00	89.12 2.76 0.00	91.30 4.67 0.00	76.17 3.35 0.00	71.55 2.95 0.00	54.13 2.82 0.00	51.64 2.46 0.00	50.07 2.43 0.00	48.87 2.24 0.00	49.16 2.16 0.00	51.92 2.33 0.00	57.00 1.61 0.00	69.93 2.23 0.00	80.07 2.63 0.00	70.68 2.52 0.00	63.07 2.08 0.00	56.82 1.81 0.00	51.28 1.73 0.00	48.11 1.53 0.00
ONEIDA___115KV_TB4 55905	63.49 1.67 0.00	64.65 1.70 0.00	62.19 1.63 0.00	61.34 1.73 0.00	61.83 1.68 0.00	60.41 1.87 0.00	89.38 3.02 0.00	88.62 1.99 0.00	74.06 1.24 0.00	69.56 0.96 0.00	52.13 0.82 0.00	49.92 0.74 0.00	48.36 0.71 0.00	47.24 0.61 0.00	47.51 0.52 0.00	50.18 0.60 0.00	56.84 1.44 0.00	69.67 1.96 0.00	79.68 2.25 0.00	70.33 2.18 0.00	62.89 1.89 0.00	56.60 1.60 0.00	50.94 1.39 0.00	47.74 1.16 0.00
ONONDAGA_REF_OCCRA 23987	60.33 -1.48 0.00	61.38 -1.57 0.00	59.04 -1.51 0.00	58.18 -1.43 0.00	58.70 -1.44 0.00	57.42 -1.11 0.00	85.15 -1.21 0.00	85.41 -1.21 0.00	71.36 -1.46 0.00	67.02 -1.58 0.00	50.38 -0.92 0.00	48.39 -0.79 0.00	46.83 -0.81 0.00	45.79 -0.84 0.00	46.06 -0.94 0.00	48.60 -0.99 0.00	54.23 -1.16 0.00	66.42 -1.29 0.00	76.12 -1.32 0.00	67.00 -1.16 0.00	59.96 -1.04 0.00	54.13 -0.88 0.00	48.66 -0.89 0.00	45.69 -0.88 0.00
ONONDAGA___COGEN 23986	60.64 -1.17 0.00	61.75 -1.20 0.00	59.34 -1.21 0.00	58.42 -1.19 0.00	58.94 -1.20 0.00	57.72 -0.82 0.00	85.50 -0.86 0.00	85.76 -0.87 0.00	71.73 -1.09 0.00	67.37 -1.23 0.00	50.59 -0.72 0.00	48.64 -0.54 0.00	47.07 -0.57 0.00	45.98 -0.65 0.00	46.24 -0.75 0.00	48.80 -0.79 0.00	54.45 -0.94 0.00	66.69 -1.02 0.00	76.43 -1.01 0.00	67.20 -0.95 0.00	60.20 -0.79 0.00	54.35 -0.66 0.00	48.81 -0.74 0.00	45.83 -0.75 0.00
ONTARIO___LFGE 23819	60.27 -1.54 0.00	61.38 -1.57 0.00	58.98 -1.57 0.00	58.36 -1.25 0.00	58.76 -1.38 0.00	57.89 -0.64 0.00	85.84 -0.52 0.00	85.84 -0.78 0.00	71.51 -1.31 0.00	66.82 -1.78 0.00	50.54 -0.77 0.00	48.69 -0.49 0.00	47.12 -0.52 0.00	45.98 -0.65 0.00	46.24 -0.75 0.00	48.70 -0.89 0.00	54.34 -1.05 0.00	66.55 -1.15 0.00	76.35 -1.08 0.00	67.27 -0.89 0.00	60.27 -0.73 0.00	54.40 -0.60 0.00	48.71 -0.84 0.00	45.78 -0.79 0.00
ORANGEVILLE_WT_PWR 323706	58.90 -4.39 -1.47	58.42 -4.53 0.00	56.14 -4.42 0.00	55.38 -4.23 0.00	56.19 -4.15 -0.20	57.03 -3.33 -1.83	83.81 -4.40 -1.85	83.41 -5.37 -2.16	67.93 -5.61 -0.71	62.77 -5.83 0.00	47.77 -3.54 0.00	46.28 -2.90 0.00	45.02 -2.62 0.00	43.97 -2.66 0.00	44.27 -2.73 0.00	46.56 -3.03 0.00	51.46 -3.93 0.00	62.95 -4.81 -0.05	71.94 -5.50 0.00	63.25 -4.91 0.00	56.91 -4.09 0.00	51.27 -3.74 0.00	46.18 -3.37 0.00	43.59 -2.98 0.00
ORANGEVILLE___ESR 323794	58.90 -4.39 -1.47	58.42 -4.53 0.00	56.14 -4.42 0.00	55.38 -4.23 0.00	56.19 -4.15 -0.20	57.03 -3.33 -1.83	83.81 -4.40 -1.85	83.41 -5.37 -2.16	67.93 -5.61 -0.71	62.77 -5.83 0.00	47.77 -3.54 0.00	46.28 -2.90 0.00	45.02 -2.62 0.00	43.97 -2.66 0.00	44.27 -2.73 0.00	46.56 -3.03 0.00	51.46 -3.93 0.00	62.95 -4.81 -0.05	71.94 -5.50 0.00	63.25 -4.91 0.00	56.91 -4.09 0.00	51.27 -3.74 0.00	46.18 -3.37 0.00	43.59 -2.98 0.00
OSWEGATCHIE___HYD 24044	67.19 5.38 0.00	68.42 5.47 0.00	65.82 5.27 0.00	65.09 5.48 0.00	64.95 4.81 0.00	62.75 4.22 0.00	86.88 0.52 0.00	88.01 1.38 0.00	73.19 0.37 0.00	70.11 1.51 0.00	55.26 3.95 0.00	52.97 3.79 0.00	51.22 3.57 0.00	50.08 3.45 0.00	50.38 3.39 0.00	52.96 3.37 0.00	58.00 2.60 0.00	71.09 3.38 0.00	81.07 3.64 0.00	71.90 3.75 0.00	64.17 3.17 0.00	57.98 2.97 0.00	53.37 3.82 0.00	50.30 3.73 0.00
OSWEGO___5 23606	59.41 -2.41 0.00	60.49 -2.46 0.00	58.19 -2.36 0.00	57.35 -2.27 0.00	57.86 -2.29 0.00	56.49 -2.05 0.00	83.59 -2.77 0.00	83.85 -2.78 0.00	70.20 -2.62 0.00	65.99 -2.61 0.00	49.51 -1.80 0.00	47.56 -1.62 0.00	46.07 -1.57 0.00	45.04 -1.59 0.00	45.35 -1.65 0.00	47.81 -1.78 0.00	53.35 -2.05 0.00	65.27 -2.43 0.00	74.65 -2.78 0.00	65.77 -2.39 0.00	58.92 -2.07 0.00	53.14 -1.87 0.00	47.81 -1.74 0.00	44.94 -1.63 0.00

OSWEGO___6 23613	59.41 -2.41 0.00	60.49 -2.46 0.00	58.19 -2.36 0.00	57.35 -2.27 0.00	57.86 -2.29 0.00	56.49 -2.05 0.00	83.59 -2.77 0.00	83.85 -2.78 0.00	70.20 -2.62 0.00	65.99 -2.61 0.00	49.51 -1.80 0.00	47.56 -1.62 0.00	46.07 -1.57 0.00	45.04 -1.59 0.00	45.35 -1.65 0.00	47.81 -1.78 0.00	53.35 -2.05 0.00	65.27 -2.43 0.00	74.65 -2.78 0.00	65.77 -2.39 0.00	58.92 -2.07 0.00	53.14 -1.87 0.00	47.81 -1.74 0.00	44.94 -1.63 0.00
OUTOKUMPU-AB___DRP 24206	56.87 -4.95 0.00	57.79 -5.16 0.00	55.59 -4.97 0.00	55.08 -4.53 0.00	55.45 -4.69 0.00	55.02 -3.51 0.00	81.52 -4.84 0.00	80.65 -5.98 0.00	66.78 -6.04 0.00	62.63 -5.97 0.00	48.12 -3.18 0.00	46.72 -2.46 0.00	45.12 -2.53 0.00	44.30 -2.33 0.00	44.46 -2.54 0.00	46.51 -3.07 0.00	51.30 -4.10 0.00	62.49 -5.21 0.00	72.09 -5.34 0.00	63.38 -4.77 0.00	57.46 -3.54 0.00	51.87 -3.14 0.00	47.22 -2.33 0.00	44.57 -2.00 0.00
OXBOW___BTM 323836	56.32 -5.50 0.00	57.22 -5.73 0.00	55.04 -5.51 0.00	54.48 -5.13 0.00	54.97 -5.17 0.00	54.44 -4.10 0.00	80.66 -5.70 0.00	79.87 -6.76 0.00	66.19 -6.63 0.00	62.02 -6.59 0.00	47.40 -3.90 0.00	45.98 -3.20 0.00	44.59 -3.05 0.00	43.60 -3.03 0.00	43.80 -3.20 0.00	45.82 -3.77 0.00	50.47 -4.93 0.00	61.48 -6.23 0.00	70.54 -6.89 0.00	62.43 -5.72 0.00	56.55 -4.45 0.00	51.05 -3.96 0.00	46.23 -3.32 0.00	43.73 -2.84 0.00
OXBOW____ 24026	56.07 -5.75 0.00	56.97 -5.98 0.00	54.86 -5.69 0.00	54.31 -5.31 0.00	54.73 -5.41 0.00	54.26 -4.27 0.00	80.31 -6.05 0.00	79.44 -7.19 0.00	65.68 -7.14 0.00	61.67 -6.93 0.00	47.41 -3.90 0.00	45.98 -3.20 0.00	44.45 -3.19 0.00	43.65 -2.98 0.00	43.80 -3.20 0.00	45.82 -3.77 0.00	50.47 -4.93 0.00	61.48 -6.23 0.00	70.85 -6.58 0.00	62.36 -5.79 0.00	56.54 -4.45 0.00	51.05 -3.96 0.00	46.53 -3.02 0.00	43.92 -2.65 0.00
OXY_CHEM_DSASP 323612	55.45 -6.37 0.00	56.40 -6.55 0.00	54.32 -6.24 0.00	53.77 -5.84 0.00	54.13 -6.01 0.00	53.68 -4.86 0.00	79.28 -7.08 0.00	78.40 -8.23 0.00	64.81 -8.01 0.00	60.85 -7.75 0.00	46.74 -4.57 0.00	45.34 -3.84 0.00	43.83 -3.81 0.00	43.04 -3.59 0.00	43.24 -3.76 0.00	45.22 -4.36 0.00	49.69 -5.71 0.00	60.60 -7.11 0.00	69.84 -7.59 0.00	61.47 -6.68 0.00	55.75 -5.25 0.00	50.39 -4.62 0.00	45.93 -3.62 0.00	43.40 -3.17 0.00
OZONE_PARK_ESR 323760	73.00 2.78 -8.40	66.45 2.90 -0.60	63.34 2.79 0.00	62.12 2.50 0.00	63.56 2.65 -0.77	68.00 2.46 -7.01	98.47 5.01 -7.10	102.96 5.63 -10.71	89.57 4.01 -12.75	81.66 3.91 -9.15	54.08 2.77 0.00	51.79 2.61 0.00	50.21 2.57 0.00	49.15 2.52 0.00	49.58 2.58 0.00	52.22 2.63 0.00	58.39 2.99 0.00	71.57 3.66 -0.21	81.77 4.34 0.00	71.83 3.68 0.00	64.23 3.23 0.00	57.81 2.81 0.00	52.13 2.58 0.00	48.90 2.33 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	55.45 -6.37 0.00	56.40 -6.55 0.00	54.32 -6.24 0.00	53.77 -5.84 0.00	54.13 -6.01 0.00	53.68 -4.86 0.00	79.28 -7.08 0.00	78.40 -8.23 0.00	64.81 -8.01 0.00	60.85 -7.75 0.00	46.74 -4.57 0.00	45.34 -3.84 0.00	43.83 -3.81 0.00	43.04 -3.59 0.00	43.24 -3.76 0.00	45.22 -4.36 0.00	49.69 -5.71 0.00	60.60 -7.11 0.00	69.84 -7.59 0.00	61.47 -6.68 0.00	55.75 -5.25 0.00	50.39 -4.62 0.00	45.93 -3.62 0.00	43.40 -3.17 0.00
PACKARD__115KV_DUPONT_184 80571	55.45 -6.37 0.00	56.40 -6.55 0.00	54.32 -6.24 0.00	53.77 -5.84 0.00	54.13 -6.01 0.00	53.68 -4.86 0.00	79.28 -7.08 0.00	78.40 -8.23 0.00	64.81 -8.01 0.00	60.85 -7.75 0.00	46.74 -4.57 0.00	45.34 -3.84 0.00	43.83 -3.81 0.00	43.04 -3.59 0.00	43.24 -3.76 0.00	45.22 -4.36 0.00	49.69 -5.71 0.00	60.60 -7.11 0.00	69.84 -7.59 0.00	61.47 -6.68 0.00	55.75 -5.25 0.00	50.39 -4.62 0.00	45.93 -3.62 0.00	43.40 -3.17 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	73.18 2.97 -8.40	66.64 3.08 -0.61	63.53 2.97 -0.01	62.42 2.80 -0.01	63.81 2.89 -0.78	68.19 2.63 -7.02	98.39 4.92 -7.11	102.62 5.28 -10.71	89.12 3.57 -12.74	81.24 3.50 -9.14	53.83 2.51 -0.01	51.50 2.31 -0.01	49.98 2.33 -0.01	48.88 2.24 -0.01	49.35 2.35 -0.01	51.98 2.38 -0.01	58.12 2.71 -0.01	71.17 3.25 -0.21	81.31 3.87 -0.01	71.43 3.27 -0.01	63.81 2.81 -0.01	57.55 2.53 -0.01	51.89 2.33 -0.01	48.68 2.10 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	73.25 3.03 -8.40	66.70 3.15 -0.61	63.65 3.09 -0.01	62.54 2.92 -0.01	63.93 3.01 -0.78	68.30 2.75 -7.02	98.56 5.10 -7.11	102.71 5.37 -10.71	89.12 3.57 -12.74	81.17 3.43 -9.14	53.78 2.46 -0.01	51.45 2.26 -0.01	49.98 2.33 -0.01	48.88 2.24 -0.01	49.31 2.30 -0.01	51.93 2.33 -0.01	58.06 2.66 -0.01	71.17 3.25 -0.21	81.31 3.87 -0.01	71.43 3.27 -0.01	63.93 2.93 -0.01	57.71 2.70 -0.01	52.09 2.53 -0.01	48.91 2.33 -0.01
PATROON__115KV_TB1 80586	102.53 2.66 -38.06	65.72 2.77 0.00	63.28 2.72 0.00	62.23 2.62 0.00	68.01 2.65 -5.22	108.34 2.46 -47.35	138.23 3.89 -47.98	146.62 4.07 -55.92	97.80 3.93 -21.05	72.51 3.91 0.00	53.82 2.51 0.00	51.44 2.26 0.00	49.79 2.14 0.00	48.68 2.05 0.00	49.16 2.16 0.00	52.02 2.43 0.00	58.33 2.94 0.00	72.82 3.52 -1.60	81.30 3.87 0.00	71.56 3.41 0.00	63.92 2.93 0.00	57.65 2.64 0.00	51.88 2.33 0.00	48.71 2.14 0.00
PATTRSNVILLE__SOLAR 323815	125.72 2.60 -61.30	65.53 2.58 0.00	63.10 2.54 0.00	62.06 2.45 0.00	71.08 2.53 -8.41	137.31 2.52 -76.26	167.62 3.97 -77.28	180.77 4.07 -90.07	105.87 2.99 -30.06	71.21 2.61 0.00	52.95 1.64 0.00	50.55 1.38 0.00	49.02 1.38 0.00	48.03 1.40 0.00	48.45 1.46 0.00	51.22 1.63 0.00	57.55 2.16 0.00	72.76 2.78 -2.28	80.61 3.18 0.00	71.02 2.86 0.00	63.44 2.44 0.00	57.26 2.26 0.00	51.53 1.98 0.00	48.34 1.77 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	58.60 -3.21 0.00	59.49 -3.46 0.00	57.16 -3.39 0.00	56.69 -2.92 0.00	57.07 -3.07 0.00	56.72 -1.81 0.00	84.20 -2.16 0.00	83.42 -3.21 0.00	68.96 -3.86 0.00	64.76 -3.84 0.00	49.61 -1.69 0.00	48.15 -1.03 0.00	46.50 -1.14 0.00	45.60 -1.03 0.00	45.82 -1.17 0.00	48.00 -1.59 0.00	53.07 -2.33 0.00	64.79 -2.91 0.00	74.72 -2.71 0.00	65.77 -2.39 0.00	59.41 -1.59 0.00	53.58 -1.43 0.00	48.66 -0.89 0.00	45.83 -0.75 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	71.26 2.78 -6.67	65.99 2.83 -0.20	63.22 2.66 0.00	62.17 2.56 0.00	63.69 2.77 -0.79	68.18 2.52 -7.13	98.59 5.01 -7.22	101.24 5.37 -9.24	82.69 3.71 -6.16	75.20 3.50 -3.10	53.77 2.46 0.00	51.39 2.21 0.00	49.83 2.19 0.00	48.68 2.05 0.00	49.16 2.16 0.00	51.92 2.33 0.00	58.17 2.77 0.00	71.37 3.45 -0.21	81.61 4.18 0.00	71.70 3.54 0.00	63.99 2.99 0.00	57.65 2.64 0.00	51.83 2.28 0.00	48.62 2.05 0.00
PEEKSKILL____ 23653	93.37 1.60 -29.95	69.88 1.63 -5.30	62.13 1.57 0.00	61.10 1.49 0.00	62.46 1.56 -0.75	66.77 1.40 -6.83	96.56 3.28 -6.92	119.91 3.72 -29.56	166.69 2.48 -91.40	152.01 2.47 -80.94	52.95 1.64 0.00	50.70 1.53 0.00	49.17 1.52 0.00	48.12 1.49 0.00	48.59 1.60 0.00	51.17 1.59 0.00	57.22 1.83 0.00	70.21 2.30 -0.20	80.07 2.63 0.00	70.40 2.25 0.00	62.95 1.95 0.00	56.77 1.76 0.00	51.28 1.73 0.00	48.16 1.58 0.00

PGE MADISON___WINDPWR 24146	70.15 4.57 -3.76	67.67 4.72 0.00	65.10 4.54 0.00	64.44 4.83 0.00	65.53 4.87 -0.52	68.54 5.33 -4.68	100.25 9.15 -4.74	100.99 8.84 -5.52	80.62 5.97 -1.83	73.06 4.46 0.00	54.80 3.49 0.00	52.33 3.15 0.00	50.79 3.14 0.00	49.48 2.84 0.00	49.63 2.63 0.00	52.56 2.98 0.00	59.05 3.66 0.00	72.92 5.08 -0.14	83.40 5.96 0.00	73.54 5.38 0.00	65.51 4.51 0.00	58.69 3.69 0.00	52.62 3.07 0.00	49.08 2.51 0.00
PIERCEFIELD___HYD 23852	69.48 7.67 0.00	70.69 7.74 0.00	68.06 7.51 0.00	67.36 7.75 0.00	66.94 6.80 0.00	64.21 5.68 0.00	85.67 -0.69 0.00	86.37 -0.26 0.00	78.72 5.90 0.00	73.95 5.35 0.00	56.79 5.49 0.00	54.69 5.51 0.00	52.83 5.19 0.00	51.67 5.04 0.00	51.98 4.98 0.00	54.50 4.91 0.00	59.33 3.93 0.00	72.44 4.74 0.00	75.26 -2.17 0.00	72.79 4.63 0.00	65.08 4.09 0.00	59.08 4.07 0.00	55.00 5.45 0.00	52.07 5.50 0.00
PINELAWN_CC_1 323563	80.64 3.90 -14.92	75.44 4.03 -8.46	72.98 3.88 -8.55	69.80 3.64 -6.55	74.81 3.79 -10.88	90.71 3.69 -28.49	116.61 6.74 -23.51	121.58 7.19 -27.77	90.68 5.02 -12.84	82.09 4.25 -9.23	54.49 3.18 0.00	52.03 2.85 0.00	50.55 2.91 0.00	49.38 2.75 0.00	50.01 3.01 0.00	53.89 3.42 -0.88	58.99 3.60 0.00	72.38 4.47 -0.21	86.04 5.50 -3.11	72.79 4.64 0.00	65.15 4.15 0.00	58.36 3.36 0.00	52.98 3.42 -0.01	49.69 3.12 0.00
PJM_GEN_HTP_PROXY 323702	72.44 2.22 -8.40	65.88 2.33 -0.60	62.80 2.24 0.00	61.64 2.03 0.00	63.02 2.10 -0.77	67.53 1.99 -7.01	97.78 4.32 -7.10	102.27 4.94 -10.71	89.01 3.42 -12.77	81.13 3.36 -9.17	53.67 2.36 0.00	51.34 2.16 0.00	49.79 2.15 0.00	48.73 2.10 0.00	49.16 2.16 0.00	51.82 2.23 0.00	57.95 2.55 0.00	71.03 3.12 -0.21	80.92 3.49 0.00	71.08 2.93 0.00	63.62 2.62 0.00	57.37 2.36 0.00	51.83 2.28 0.00	48.67 2.10 0.00
PJM_GEN_KEystone 24065	61.90 -1.42 -1.50	61.05 -1.45 0.46	59.10 -1.45 0.00	58.30 -1.31 0.00	59.31 -1.32 -0.49	62.14 -0.88 -4.48	90.56 -0.34 -4.54	89.47 -0.60 -3.45	65.55 -1.39 5.88	60.28 -1.37 6.95	50.64 -0.67 0.00	48.69 -0.49 0.00	47.21 -0.43 0.00	46.21 -0.42 0.00	46.53 -0.47 0.00	48.89 -0.69 0.00	54.40 -1.00 0.00	66.75 -1.09 -0.13	76.35 -1.08 0.00	67.27 -0.89 0.00	60.39 -0.61 0.00	54.46 -0.55 0.00	49.21 -0.34 0.00	46.34 -0.23 0.00
PJM_GEN_NEPTUNE_PROXY 323594	76.45 2.85 -11.79	70.52 2.90 -4.67	67.83 2.85 -4.43	65.63 2.62 -3.39	68.86 2.71 -6.01	79.24 2.57 -18.13	107.06 5.09 -15.60	111.81 5.63 -19.56	89.51 3.86 -12.84	81.19 3.36 -9.23	53.82 2.51 0.00	51.39 2.22 0.00	49.93 2.29 0.00	48.82 2.19 0.00	49.35 2.35 0.00	52.67 2.63 -0.46	58.22 2.82 0.00	71.36 3.45 -0.21	83.23 4.18 -1.61	71.70 3.54 0.00	64.11 3.11 0.00	57.59 2.59 0.00	52.13 2.57 -0.01	48.95 2.37 0.00
PJM_GEN_VFT_PROXY 323633	48.43 1.79 15.18	47.24 1.89 17.60	45.97 1.88 16.46	46.26 1.67 15.02	46.95 1.75 14.94	51.84 1.58 8.28	76.29 3.71 13.78	81.42 4.42 9.62	55.75 2.92 19.99	46.76 2.95 24.79	45.85 2.05 7.51	45.85 1.87 5.20	45.85 1.86 3.65	45.85 1.82 2.60	45.85 1.93 3.07	45.85 1.93 5.67	46.29 2.22 11.32	59.36 2.64 10.98	67.84 3.02 12.61	58.38 2.52 12.30	55.82 2.19 7.37	53.84 2.04 3.20	51.63 2.08 0.00	47.56 1.91 0.92
PLATSBURG_115KV_PMLD1 355749	63.36 1.55 0.00	64.46 1.51 0.00	61.95 1.39 0.00	60.98 1.37 0.00	61.52 1.38 0.00	59.82 1.29 0.00	86.88 0.52 0.00	87.06 0.43 0.00	74.42 1.60 0.00	70.18 1.58 0.00	52.69 1.39 0.00	50.65 1.48 0.00	49.02 1.38 0.00	48.12 1.49 0.00	48.50 1.50 0.00	51.32 1.74 0.00	57.17 1.77 0.00	69.94 2.23 0.00	79.52 2.09 0.00	70.13 1.98 0.00	62.89 1.89 0.00	56.77 1.76 0.00	51.24 1.68 0.00	48.25 1.68 0.00
PLEASANTVLY___LBMP 24000	70.89 1.98 -7.10	65.29 2.08 -0.26	62.55 2.00 0.00	61.52 1.91 0.00	62.94 1.98 -0.81	67.64 1.76 -7.35	97.35 3.54 -7.45	100.34 3.98 -9.73	82.69 2.69 -7.17	75.22 2.68 -3.94	53.05 1.74 0.00	50.75 1.57 0.00	49.26 1.62 0.00	48.17 1.54 0.00	48.64 1.64 0.00	51.27 1.69 0.00	57.39 1.99 0.00	70.36 2.44 -0.22	80.30 2.86 0.00	70.54 2.39 0.00	63.07 2.07 0.00	56.88 1.87 0.00	51.24 1.68 0.00	48.11 1.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	71.81 2.23 -7.77	65.74 2.33 -0.46	62.79 2.24 0.00	61.70 2.09 0.00	63.14 2.23 -0.78	67.56 1.99 -7.04	97.55 4.06 -7.13	101.38 4.59 -10.17	86.42 3.20 -10.39	78.75 3.16 -6.99	53.46 2.15 0.00	51.15 1.97 0.00	49.64 2.00 0.00	48.54 1.91 0.00	49.02 2.02 0.00	51.67 2.08 0.00	57.78 2.38 0.00	70.82 2.91 -0.21	80.92 3.48 0.00	71.08 2.93 0.00	63.56 2.56 0.00	57.26 2.26 0.00	51.58 2.03 0.00	48.39 1.82 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	71.81 2.23 -7.77	65.74 2.33 -0.46	62.79 2.24 0.00	61.70 2.09 0.00	63.14 2.23 -0.78	67.56 1.99 -7.04	97.55 4.06 -7.13	101.38 4.59 -10.17	86.42 3.20 -10.39	78.75 3.16 -6.99	53.46 2.15 0.00	51.15 1.97 0.00	49.64 2.00 0.00	48.54 1.91 0.00	49.02 2.02 0.00	51.67 2.08 0.00	57.78 2.38 0.00	70.82 2.91 -0.21	80.92 3.48 0.00	71.08 2.93 0.00	63.56 2.56 0.00	57.26 2.26 0.00	51.58 2.03 0.00	48.39 1.82 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	70.16 2.53 -5.81	65.59 2.64 0.00	63.16 2.60 0.00	62.12 2.50 0.00	63.46 2.53 -0.80	68.11 2.34 -7.23	98.18 4.49 -7.33	100.10 4.94 -8.54	78.97 3.35 -2.80	71.69 3.09 0.00	53.36 2.05 0.00	51.05 1.87 0.00	49.50 1.86 0.00	48.45 1.82 0.00	48.92 1.93 0.00	51.57 1.98 0.00	57.83 2.44 0.00	70.96 3.05 -0.21	81.15 3.72 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.37 2.37 0.00	51.68 2.13 0.00	48.43 1.86 0.00
POLETTI___ 23519	72.50 2.29 -8.40	65.88 2.33 -0.60	62.85 2.30 0.00	61.70 2.09 0.00	63.08 2.17 -0.77	67.48 1.93 -7.01	97.69 4.23 -7.10	102.18 4.85 -10.71	88.92 3.35 -12.75	81.04 3.29 -9.15	53.67 2.36 0.00	51.34 2.16 0.00	49.83 2.19 0.00	48.73 2.10 0.00	49.21 2.21 0.00	51.82 2.23 0.00	57.89 2.49 0.00	70.89 2.98 -0.21	80.92 3.48 0.00	71.08 2.93 0.00	63.50 2.50 0.00	57.26 2.26 0.00	51.68 2.13 0.00	48.43 1.86 0.00
POMONA___ESR 323819	64.08 1.36 -0.91	63.37 1.38 0.97	61.95 1.39 0.00	60.87 1.25 0.00	62.20 1.32 -0.74	66.45 1.23 -6.68	96.15 3.02 -6.77	94.06 3.47 -3.97	61.47 2.26 13.61	56.08 2.26 14.78	52.84 1.54 0.00	50.55 1.38 0.00	49.07 1.43 0.00	48.08 1.45 0.00	48.50 1.50 0.00	51.07 1.49 0.00	57.11 1.72 0.00	70.00 2.10 -0.20	79.91 2.48 0.00	70.20 2.04 0.00	62.82 1.83 0.00	56.66 1.65 0.00	51.24 1.69 0.00	48.11 1.53 0.00
PORT_JEFF_3 23555	81.20 4.45 -14.92	75.94 4.54 -8.46	73.47 4.36 -8.55	70.27 4.11 -6.55	75.29 4.27 -10.88	91.29 4.27 -28.49	117.38 7.51 -23.51	122.36 7.96 -27.77	91.19 5.53 -12.84	82.36 4.53 -9.23	54.69 3.39 0.00	52.18 3.00 0.00	50.74 3.09 0.00	49.57 2.94 0.00	50.15 3.15 0.00	54.19 3.72 -0.88	59.39 3.99 0.00	72.99 5.08 -0.21	86.82 6.27 -3.11	73.40 5.25 0.00	65.63 4.63 0.00	58.69 3.69 0.00	53.23 3.67 -0.01	49.97 3.40 0.00

PORT_JEFF_4 23616	81.20 4.45 -14.92	75.94 4.54 -8.46	73.47 4.36 -8.55	70.27 4.11 -6.55	75.29 4.27 -10.88	91.29 4.27 -28.49	117.38 7.51 -23.51	122.36 7.96 -27.77	91.19 5.53 -12.84	82.36 4.53 -9.23	54.69 3.39 0.00	52.18 3.00 0.00	50.74 3.09 0.00	49.57 2.94 0.00	50.15 3.15 0.00	54.19 3.72 -0.88	59.39 3.99 0.00	72.99 5.08 -0.21	86.82 6.27 -3.11	73.40 5.25 0.00	65.63 4.63 0.00	58.69 3.69 0.00	53.23 3.67 -0.01	49.97 3.40 0.00
PORT_JEFF_IC 23713	81.31 4.57 -14.92	76.06 4.66 -8.45	73.52 4.42 -8.54	70.39 4.23 -6.54	75.41 4.39 -10.87	91.41 4.39 -28.48	117.46 7.60 -23.50	122.45 8.06 -27.76	91.19 5.53 -12.84	82.43 4.60 -9.23	54.85 3.54 0.00	52.23 3.05 0.00	50.88 3.24 0.00	49.57 2.94 0.00	50.24 3.24 0.00	54.28 3.82 -0.87	59.44 4.04 0.00	73.12 5.21 -0.21	87.04 6.50 -3.11	73.47 5.32 0.00	65.57 4.57 0.00	58.91 3.91 0.00	53.32 3.77 0.00	49.92 3.35 0.00
PPL_PILGRIM_ST_GT1 24216	81.07 4.33 -14.92	75.81 4.41 -8.46	73.34 4.24 -8.55	70.22 4.06 -6.55	75.23 4.21 -10.88	91.24 4.22 -28.49	117.30 7.43 -23.51	122.36 7.96 -27.77	91.19 5.53 -12.84	82.36 4.53 -9.23	54.69 3.39 0.00	52.18 3.00 0.00	50.69 3.05 0.00	49.57 2.94 0.00	50.15 3.15 0.00	54.14 3.67 -0.88	59.39 3.99 0.00	72.92 5.01 -0.21	86.74 6.20 -3.11	73.33 5.18 0.00	65.63 4.63 0.00	58.69 3.69 0.00	53.17 3.62 -0.01	49.93 3.36 0.00
PPL_PILGRIM_ST_GT2 24217	81.07 4.33 -14.92	75.81 4.41 -8.46	73.34 4.24 -8.55	70.22 4.06 -6.55	75.23 4.21 -10.88	91.24 4.22 -28.49	117.30 7.43 -23.51	122.36 7.96 -27.77	91.19 5.53 -12.84	82.36 4.53 -9.23	54.69 3.39 0.00	52.18 3.00 0.00	50.69 3.05 0.00	49.57 2.94 0.00	50.15 3.15 0.00	54.14 3.67 -0.88	59.39 3.99 0.00	72.92 5.01 -0.21	86.74 6.20 -3.11	73.33 5.18 0.00	65.63 4.63 0.00	58.69 3.69 0.00	53.17 3.62 -0.01	49.93 3.36 0.00
PPL_SHRM_GT3 24213	81.32 4.57 -14.92	76.00 4.59 -8.46	73.47 4.36 -8.55	70.33 4.17 -6.55	75.36 4.33 -10.88	91.35 4.33 -28.49	117.38 7.51 -23.51	122.36 7.96 -27.77	91.04 5.39 -12.84	82.16 4.32 -9.23	54.54 3.23 0.00	51.93 2.75 0.00	50.55 2.91 0.00	49.33 2.70 0.00	49.96 2.96 0.00	54.04 3.57 -0.88	59.21 3.82 0.00	72.92 5.01 -0.21	86.82 6.27 -3.11	73.33 5.18 0.00	65.57 4.58 0.00	58.64 3.63 0.00	53.13 3.57 -0.01	49.88 3.31 0.00
PPL_SHRM_GT4 24214	81.32 4.57 -14.92	76.00 4.59 -8.46	73.47 4.36 -8.55	70.33 4.17 -6.55	75.36 4.33 -10.88	91.35 4.33 -28.49	117.38 7.51 -23.51	122.36 7.96 -27.77	91.04 5.39 -12.84	82.16 4.32 -9.23	54.54 3.23 0.00	51.93 2.75 0.00	50.55 2.91 0.00	49.33 2.70 0.00	49.96 2.96 0.00	54.04 3.57 -0.88	59.21 3.82 0.00	72.92 5.01 -0.21	86.82 6.27 -3.11	73.33 5.18 0.00	65.57 4.58 0.00	58.64 3.63 0.00	53.13 3.57 -0.01	49.88 3.31 0.00
PROJECT___ORANGE 1 24174	59.96 -1.85 0.00	61.06 -1.89 0.00	58.68 -1.88 0.00	57.82 -1.79 0.00	58.34 -1.80 0.00	57.07 -1.46 0.00	84.63 -1.73 0.00	84.89 -1.73 0.00	70.93 -1.89 0.00	66.68 -1.92 0.00	50.18 -1.13 0.00	48.20 -0.98 0.00	46.64 -1.00 0.00	45.60 -1.03 0.00	45.87 -1.13 0.00	48.40 -1.19 0.00	53.96 -1.44 0.00	66.01 -1.69 0.00	75.65 -1.78 0.00	66.52 -1.64 0.00	59.59 -1.40 0.00	53.80 -1.21 0.00	48.41 -1.14 0.00	45.45 -1.12 0.00
PROJECT___ORANGE 2 24166	59.96 -1.85 0.00	61.06 -1.89 0.00	58.68 -1.88 0.00	57.82 -1.79 0.00	58.34 -1.80 0.00	57.07 -1.46 0.00	84.63 -1.73 0.00	84.89 -1.73 0.00	70.93 -1.89 0.00	66.68 -1.92 0.00	50.18 -1.13 0.00	48.20 -0.98 0.00	46.64 -1.00 0.00	45.60 -1.03 0.00	45.87 -1.13 0.00	48.40 -1.19 0.00	53.96 -1.44 0.00	66.01 -1.69 0.00	75.65 -1.78 0.00	66.52 -1.64 0.00	59.59 -1.40 0.00	53.80 -1.21 0.00	48.41 -1.14 0.00	45.45 -1.12 0.00
PUCKETT___SOLAR 323809	65.57 0.56 -3.20	63.52 0.57 0.00	61.04 0.48 0.00	60.27 0.66 0.00	61.24 0.66 -0.44	63.62 1.11 -3.98	92.80 2.41 -4.03	93.49 2.17 -4.70	75.31 0.94 -1.55	69.15 0.55 0.00	51.92 0.62 0.00	49.77 0.59 0.00	48.22 0.57 0.00	47.10 0.47 0.00	47.37 0.37 0.00	50.03 0.45 0.00	55.95 0.55 0.00	68.77 0.95 -0.12	78.67 1.24 0.00	69.31 1.16 0.00	62.10 1.10 0.00	55.88 0.88 0.00	50.19 0.64 0.00	47.13 0.56 0.00
PYRITES___HYD 24023	71.21 9.40 0.00	72.46 9.51 0.00	69.82 9.26 0.00	69.21 9.60 0.00	68.80 8.66 0.00	66.15 7.61 0.00	88.78 2.42 0.00	89.22 2.60 0.00	80.76 7.94 0.00	75.46 6.86 0.00	57.97 6.67 0.00	55.57 6.39 0.00	53.64 6.00 0.00	52.46 5.83 0.00	52.82 5.83 0.00	55.39 5.80 0.00	60.49 5.10 0.00	74.20 6.50 0.00	77.51 0.08 0.00	74.97 6.82 0.00	66.97 5.98 0.00	60.73 5.72 0.00	56.39 6.84 0.00	53.23 6.66 0.00
QUAKERRD_115KV_BK1 80622	57.37 -4.45 0.00	58.36 -4.60 0.00	56.25 -4.30 0.00	55.50 -4.11 0.00	55.93 -4.21 0.00	55.08 -3.45 0.00	81.61 -4.75 0.00	81.60 -5.02 0.00	67.94 -4.88 0.00	63.73 -4.87 0.00	48.33 -2.98 0.00	46.62 -2.56 0.00	45.07 -2.57 0.00	44.07 -2.56 0.00	44.27 -2.73 0.00	46.56 -3.02 0.00	51.68 -3.71 0.00	63.30 -4.40 0.00	72.63 -4.80 0.00	63.79 -4.36 0.00	57.40 -3.60 0.00	51.76 -3.25 0.00	46.73 -2.82 0.00	43.92 -2.65 0.00
QUENSBRY_115KV_TB8 356137	122.80 6.31 -54.68	69.25 6.30 0.00	66.67 6.12 0.00	65.57 5.96 0.00	73.78 6.13 -7.50	132.64 6.09 -68.02	164.44 9.15 -68.93	176.31 9.36 -80.33	107.41 7.72 -26.87	75.87 7.27 0.00	55.97 4.67 0.00	53.41 4.23 0.00	51.45 3.81 0.00	50.27 3.64 0.00	50.76 3.76 0.00	53.90 4.31 0.00	60.77 5.37 0.00	76.51 6.77 -2.04	84.94 7.51 0.00	74.76 6.61 0.00	66.61 5.61 0.00	60.29 5.28 0.00	54.11 4.56 0.00	50.62 4.05 0.00
RAMAPO___LBMP 323565	63.61 1.24 -0.55	63.18 1.26 1.03	61.76 1.21 0.00	60.74 1.13 0.00	62.07 1.20 -0.73	66.25 1.11 -6.61	95.73 2.68 -6.69	93.37 3.12 -3.62	60.08 1.97 14.71	54.78 1.92 15.75	52.64 1.33 0.00	50.41 1.23 0.00	48.93 1.29 0.00	47.89 1.26 0.00	48.31 1.32 0.00	50.88 1.29 0.00	56.89 1.50 0.00	69.73 1.83 -0.19	79.68 2.25 0.00	70.06 1.91 0.00	62.58 1.59 0.00	56.44 1.43 0.00	50.99 1.44 0.00	47.88 1.30 0.00
RANKINE____ 23646	57.86 -3.96 0.00	58.73 -4.22 0.00	56.50 -4.06 0.00	56.03 -3.58 0.00	56.41 -3.73 0.00	56.02 -2.52 0.00	83.08 -3.28 0.00	82.21 -4.42 0.00	68.01 -4.81 0.00	63.80 -4.80 0.00	48.95 -2.36 0.00	47.51 -1.67 0.00	45.88 -1.76 0.00	45.05 -1.59 0.00	45.21 -1.79 0.00	47.36 -2.23 0.00	52.24 -3.16 0.00	63.71 -3.99 0.00	73.48 -3.95 0.00	64.61 -3.54 0.00	58.50 -2.50 0.00	52.75 -2.26 0.00	48.01 -1.54 0.00	45.27 -1.30 0.00
RAVENSWOOD_GT2_1 24244	72.56 2.35 -8.39	66.00 2.46 -0.60	62.98 2.42 0.00	61.76 2.15 0.00	63.20 2.29 -0.77	67.59 2.05 -7.01	97.87 4.40 -7.10	102.35 5.02 -10.70	88.97 3.42 -12.73	81.16 3.43 -9.13	53.72 2.41 0.00	51.39 2.21 0.00	49.88 2.24 0.00	48.82 2.19 0.00	49.25 2.26 0.00	51.87 2.28 0.00	58.00 2.60 0.00	71.09 3.18 -0.21	81.15 3.72 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.43 2.42 0.00	51.78 2.23 0.00	48.57 2.00 0.00

RAVENSWOOD_GT2_2 24245	72.56 2.35 -8.39	66.00 2.46 -0.60	62.98 2.42 0.00	61.76 2.15 0.00	63.20 2.29 -0.77	67.59 2.05 -7.01	97.87 4.40 -7.10	102.35 5.02 -10.70	88.97 3.42 -12.73	81.16 3.43 -9.13	53.72 2.41 0.00	51.39 2.21 0.00	49.88 2.24 0.00	48.82 2.19 0.00	49.25 2.26 0.00	51.87 2.28 0.00	58.00 2.60 0.00	71.09 3.18 -0.21	81.15 3.72 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.43 2.42 0.00	51.78 2.23 0.00	48.57 2.00 0.00
RAVENSWOOD_GT2_3 24246	72.62 2.41 -8.39	66.07 2.52 -0.60	62.98 2.42 0.00	61.82 2.21 0.00	63.20 2.29 -0.77	67.65 2.11 -7.01	97.87 4.40 -7.10	102.35 5.02 -10.70	89.04 3.50 -12.73	81.16 3.43 -9.13	53.77 2.46 0.00	51.44 2.26 0.00	49.93 2.29 0.00	48.82 2.19 0.00	49.25 2.26 0.00	51.92 2.33 0.00	58.05 2.66 0.00	71.09 3.18 -0.21	81.23 3.79 0.00	71.29 3.14 0.00	63.74 2.74 0.00	57.43 2.42 0.00	51.78 2.23 0.00	48.57 2.00 0.00
RAVENSWOOD_GT2_4 24247	72.62 2.41 -8.39	66.07 2.52 -0.60	62.98 2.42 0.00	61.82 2.21 0.00	63.20 2.29 -0.77	67.65 2.11 -7.01	97.87 4.40 -7.10	102.35 5.02 -10.70	89.04 3.50 -12.73	81.16 3.43 -9.13	53.77 2.46 0.00	51.44 2.26 0.00	49.93 2.29 0.00	48.82 2.19 0.00	49.25 2.26 0.00	51.92 2.33 0.00	58.05 2.66 0.00	71.09 3.18 -0.21	81.23 3.79 0.00	71.29 3.14 0.00	63.74 2.74 0.00	57.43 2.42 0.00	51.78 2.23 0.00	48.57 2.00 0.00
RAVENSWOOD_GT3_1 24248	72.56 2.35 -8.39	66.00 2.46 -0.60	62.98 2.42 0.00	61.76 2.15 0.00	63.20 2.29 -0.77	67.65 2.11 -7.01	97.87 4.40 -7.10	102.35 5.02 -10.70	88.97 3.42 -12.73	81.16 3.43 -9.13	53.72 2.41 0.00	51.44 2.26 0.00	49.88 2.24 0.00	48.82 2.19 0.00	49.25 2.26 0.00	51.87 2.28 0.00	58.00 2.60 0.00	71.09 3.18 -0.21	81.15 3.72 0.00	71.29 3.14 0.00	63.74 2.74 0.00	57.43 2.42 0.00	51.78 2.23 0.00	48.57 2.00 0.00
RAVENSWOOD_GT3_2 24249	72.56 2.35 -8.39	66.00 2.46 -0.60	62.98 2.42 0.00	61.76 2.15 0.00	63.20 2.29 -0.77	67.65 2.11 -7.01	97.87 4.40 -7.10	102.35 5.02 -10.70	88.97 3.42 -12.73	81.16 3.43 -9.13	53.72 2.41 0.00	51.44 2.26 0.00	49.88 2.24 0.00	48.82 2.19 0.00	49.25 2.26 0.00	51.87 2.28 0.00	58.00 2.60 0.00	71.09 3.18 -0.21	81.15 3.72 0.00	71.29 3.14 0.00	63.74 2.74 0.00	57.43 2.42 0.00	51.78 2.23 0.00	48.57 2.00 0.00
RAVENSWOOD_GT3_3 24250	72.68 2.47 -8.39	66.07 2.52 -0.60	63.04 2.48 0.00	61.88 2.27 0.00	63.26 2.35 -0.77	67.71 2.17 -7.01	97.95 4.49 -7.10	102.44 5.11 -10.70	89.12 3.57 -12.73	81.23 3.50 -9.13	53.82 2.51 0.00	51.49 2.31 0.00	49.98 2.33 0.00	48.87 2.24 0.00	49.30 2.30 0.00	51.97 2.38 0.00	58.11 2.71 0.00	71.16 3.25 -0.21	81.30 3.24 0.00	71.36 3.20 0.00	63.80 2.81 0.00	57.48 2.48 0.00	51.83 2.28 0.00	48.62 2.05 0.00
RAVENSWOOD_GT3_4 24251	72.68 2.47 -8.39	66.07 2.52 -0.60	63.04 2.48 0.00	61.88 2.27 0.00	63.26 2.35 -0.77	67.71 2.17 -7.01	97.95 4.49 -7.10	102.44 5.11 -10.70	89.12 3.57 -12.73	81.23 3.50 -9.13	53.82 2.51 0.00	51.49 2.31 0.00	49.98 2.33 0.00	48.87 2.24 0.00	49.30 2.30 0.00	51.97 2.38 0.00	58.11 2.71 0.00	71.16 3.25 -0.21	81.30 3.87 0.00	71.36 3.20 0.00	63.80 2.81 0.00	57.48 2.48 0.00	51.83 2.28 0.00	48.62 2.05 0.00
RAVENSWOOD_GT_1 23729	72.94 2.72 -8.40	66.39 2.83 -0.61	63.29 2.72 -0.01	62.12 2.50 -0.01	63.57 2.65 -0.78	67.95 2.40 -7.02	98.39 4.92 -7.11	102.88 5.54 -10.71	89.42 3.86 -12.74	81.53 3.77 -9.15	87.84 2.72 -33.82	85.50 2.51 -33.82	58.21 2.53 -8.05	74.18 2.47 -25.07	54.01 2.54 -4.48	65.27 2.58 -13.11	71.64 2.94 -13.31	128.53 3.59 -57.24	102.24 4.18 -20.63	117.87 3.54 -46.17	76.84 3.05 -12.80	71.78 2.70 -14.07	54.10 2.53 -2.02	50.95 2.28 -2.10
RAVENSWOOD_GT_10 24258	72.56 2.35 -8.39	66.00 2.46 -0.60	62.91 2.36 0.00	61.76 2.15 0.00	63.20 2.29 -0.77	67.59 2.05 -7.01	97.86 4.40 -7.10	102.35 5.02 -10.70	88.97 3.42 -12.73	81.16 3.43 -9.13	52.02 2.41 1.69	49.70 2.21 1.69	49.33 2.24 0.55	47.52 2.15 1.26	49.03 2.26 0.22	51.21 2.28 0.66	57.33 2.60 0.67	68.24 3.18 2.65	80.12 3.72 1.03	68.91 3.07 2.31	63.48 2.68 0.20	57.37 2.37 0.00	51.74 2.23 0.04	48.53 1.96 0.00
RAVENSWOOD_GT_11 24259	72.56 2.35 -8.39	66.00 2.46 -0.60	62.91 2.36 0.00	61.76 2.15 0.00	63.20 2.29 -0.77	67.59 2.05 -7.01	97.86 4.40 -7.10	102.35 5.02 -10.70	88.97 3.42 -12.73	81.16 3.43 -9.13	52.02 2.41 1.69	49.70 2.21 1.69	49.33 2.24 0.55	47.52 2.15 1.26	49.03 2.26 0.22	51.21 2.28 0.66	57.33 2.60 0.67	68.24 3.18 2.65	80.12 3.72 1.03	68.91 3.07 2.31	63.48 2.68 0.20	57.37 2.37 0.00	51.74 2.23 0.04	48.53 1.96 0.00
RAVENSWOOD_GT_4 24252	72.49 2.29 -8.39	65.94 2.39 -0.59	62.91 2.36 0.01	61.69 2.09 0.01	63.13 2.23 -0.77	67.59 2.05 -7.00	97.77 4.32 -7.10	102.26 4.94 -10.70	88.89 3.35 -12.72	81.10 3.36 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	47.63 2.19 2.20	48.78 2.15 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	71.03 3.11 -0.21	81.08 3.64 -0.01	71.23 3.07 -0.01	70.27 2.62 -6.65	68.02 2.31 -10.70	52.66 2.18 -0.92	50.11 1.96 -1.58
RAVENSWOOD_GT_5 24254	72.49 2.29 -8.39	65.94 2.39 -0.59	62.91 2.36 0.01	61.69 2.09 0.01	63.13 2.23 -0.77	67.59 2.05 -7.00	97.77 4.32 -7.10	102.26 4.94 -10.70	88.89 3.35 -12.72	81.10 3.36 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	47.63 2.19 2.20	48.78 2.15 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	71.03 3.11 -0.21	81.08 3.64 -0.01	71.23 3.07 -0.01	70.27 2.62 -6.65	68.02 2.31 -10.70	52.66 2.18 -0.92	50.11 1.96 -1.58
RAVENSWOOD_GT_6 24253	72.49 2.29 -8.39	65.94 2.39 -0.59	62.91 2.36 0.01	61.69 2.09 0.01	63.13 2.23 -0.77	67.59 2.05 -7.00	97.77 4.32 -7.10	102.26 4.94 -10.70	88.89 3.35 -12.72	81.10 3.36 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	47.63 2.19 2.20	48.78 2.15 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	71.03 3.11 -0.21	81.08 3.64 -0.01	71.23 3.07 -0.01	70.27 2.62 -6.65	68.02 2.31 -10.70	52.66 2.18 -0.92	50.11 1.96 -1.58
RAVENSWOOD_GT_7 24255	72.49 2.29 -8.39	65.94 2.39 -0.59	62.91 2.36 0.01	61.69 2.09 0.01	63.13 2.23 -0.77	67.59 2.05 -7.00	97.77 4.32 -7.10	102.26 4.94 -10.70	88.89 3.35 -12.72	81.10 3.36 -9.14	53.67 2.36 -0.01	51.35 2.16 -0.01	47.63 2.19 2.20	48.78 2.15 -0.01	49.21 2.21 -0.01	51.83 2.23 -0.01	57.95 2.55 -0.01	71.03 3.11 -0.21	81.08 3.64 -0.01	71.23 3.07 -0.01	70.27 2.62 -6.65	68.02 2.31 -10.70	52.66 2.18 -0.92	50.11 1.96 -1.58
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	72.56 2.35 -8.39	66.00 2.46 -0.60	62.91 2.36 0.00	61.76 2.15 0.00	63.20 2.29 -0.77	67.59 2.05 -7.01	97.86 4.40 -7.10	102.35 5.02 -10.70	88.97 3.42 -12.73	81.16 3.43 -9.13	52.02 2.41 1.69	49.70 2.21 1.69	49.33 2.24 0.55	47.52 2.15 1.26	49.03 2.26 0.22	51.21 2.28 0.66	57.33 2.60 0.67	68.24 3.18 2.65	80.12 3.72 1.03	68.91 3.07 2.31	63.48 2.68 0.20	57.37 2.37 0.00	51.74 2.23 0.04	48.53 1.96 0.00

RAVENSWOOD_GT_9 24257	72.56 2.35 -8.39	66.00 2.46 -0.60	62.91 2.36 0.00	61.76 2.15 0.00	63.20 2.29 -0.77	67.59 2.05 -7.01	97.86 4.40 -7.10	102.35 5.02 -10.70	88.97 3.42 -12.73	81.16 3.43 -9.13	52.02 2.41 1.69	49.70 2.21 1.69	49.33 2.24 0.55	47.52 2.15 1.26	49.03 2.26 0.22	51.21 2.28 0.66	57.33 2.60 0.67	68.24 3.18 2.65	80.12 3.72 1.03	68.91 3.07 2.31	63.48 2.68 0.20	57.37 2.37 0.00	51.74 2.23 0.04	48.53 1.96 0.00
RAVENSWOOD___1 23533	72.81 2.60 -8.40	66.32 2.77 -0.61	63.22 2.66 -0.01	62.06 2.45 -0.01	63.45 2.53 -0.78	67.90 2.34 -7.02	98.30 4.83 -7.11	102.80 5.46 -10.71	89.41 3.86 -12.74	81.58 3.84 -9.14	70.78 2.67 -16.81	68.49 2.51 -16.81	55.55 2.48 -5.44	61.52 2.42 -12.46	51.71 2.49 -2.22	58.68 2.58 -6.51	64.94 2.93 -6.61	99.78 3.52 -28.56	91.71 4.02 -10.25	94.51 3.41 -22.95	66.06 3.05 -2.02	57.76 2.75 -0.01	52.58 2.62 -0.40	49.00 2.42 -0.01
RAVENSWOOD___2 23534	72.81 2.60 -8.40	66.26 2.71 -0.61	63.22 2.66 -0.01	62.01 2.39 -0.01	63.39 2.47 -0.78	67.90 2.34 -7.02	98.30 4.83 -7.11	102.80 5.46 -10.71	89.41 3.86 -12.74	81.51 3.77 -9.14	70.72 2.67 -16.75	68.38 2.46 -16.75	55.49 2.43 -5.42	61.47 2.42 -12.42	51.70 2.49 -2.21	58.60 2.53 -6.49	64.92 2.93 -6.59	99.67 3.52 -28.45	91.67 4.02 -10.21	94.43 3.41 -22.87	66.06 3.05 -2.01	57.71 2.69 -0.01	52.57 2.62 -0.40	48.95 2.37 -0.01
RAVENSWOOD___3 23535	72.50 2.29 -8.39	66.00 2.45 -0.60	62.91 2.36 0.00	61.75 2.14 0.00	63.14 2.23 -0.77	67.59 2.05 -7.01	97.86 4.40 -7.10	102.35 5.02 -10.70	89.04 3.50 -12.73	81.23 3.50 -9.13	53.72 2.41 0.00	51.44 2.26 0.00	49.88 2.24 0.00	48.82 2.19 0.00	49.25 2.26 0.00	51.87 2.28 0.00	58.05 2.66 0.00	71.09 3.18 -0.21	81.07 3.64 0.00	71.22 3.07 0.00	63.68 2.68 0.00	57.43 2.42 0.00	51.93 2.38 0.00	48.72 2.14 0.00
RAVENSWOOD___4 23820	72.81 2.60 -8.40	66.26 2.71 -0.60	63.16 2.60 -0.01	62.01 2.39 -0.01	63.39 2.47 -0.78	67.83 2.28 -7.01	98.30 4.83 -7.11	102.79 5.46 -10.71	89.41 3.86 -12.73	81.49 3.77 -9.12	53.96 2.67 0.01	51.63 2.46 0.01	52.91 2.43 -2.84	49.00 2.38 0.01	49.48 2.49 0.01	52.11 2.53 0.01	58.27 2.88 0.01	71.35 3.45 -0.20	81.45 4.02 0.01	71.55 3.41 0.01	55.38 2.99 8.61	43.86 2.69 13.84	50.98 2.62 1.20	46.90 2.37 2.05
RCPI_TRUST___DRP 24196	72.57 2.35 -8.40	66.01 2.46 -0.60	62.98 2.42 0.00	61.76 2.15 0.00	63.20 2.29 -0.77	67.65 2.11 -7.01	97.95 4.49 -7.10	102.45 5.11 -10.71	89.09 3.50 -12.77	81.27 3.50 -9.17	53.77 2.46 0.00	51.44 2.26 0.00	49.93 2.29 0.00	48.82 2.19 0.00	49.30 2.30 0.00	51.92 2.33 0.00	58.05 2.66 0.00	71.16 3.25 -0.21	81.15 3.72 0.00	71.22 3.07 0.00	63.68 2.68 0.00	57.37 2.37 0.00	51.73 2.18 0.00	48.53 1.96 0.00
RED___ROCHESTER 323720	58.67 -3.15 0.00	59.67 -3.28 0.00	57.47 -3.09 0.00	56.75 -2.86 0.00	57.20 -2.95 0.00	56.37 -2.16 0.00	83.59 -2.77 0.00	83.68 -2.95 0.00	69.54 -3.28 0.00	65.17 -3.43 0.00	49.46 -1.84 0.00	47.75 -1.43 0.00	46.26 -1.38 0.00	45.18 -1.45 0.00	45.35 -1.65 0.00	47.65 -1.93 0.00	52.85 -2.55 0.00	64.73 -2.98 0.00	74.18 -3.25 0.00	65.43 -2.73 0.00	58.74 -2.26 0.00	52.97 -2.03 0.00	47.67 -1.88 0.00	44.90 -1.67 0.00
REGAN___SOLAR 323812	124.19 5.07 -57.31	68.05 5.10 0.00	65.46 4.90 0.00	64.50 4.89 0.00	73.11 5.11 -7.86	134.98 5.15 -71.29	166.29 7.68 -72.25	178.63 7.80 -84.20	106.73 5.83 -28.08	73.54 4.94 0.00	54.54 3.23 0.00	51.93 2.75 0.00	50.16 2.52 0.00	49.24 2.61 0.00	49.72 2.72 0.00	52.76 3.18 0.00	59.55 4.16 0.00	75.32 5.48 -2.13	83.78 6.35 0.00	73.94 5.79 0.00	65.94 4.94 0.00	59.57 4.56 0.00	53.52 3.97 0.00	50.02 3.45 0.00
RENSSELAER___COGEN 23796	94.62 2.29 -30.51	65.40 2.45 0.00	62.91 2.36 0.00	61.88 2.26 0.00	66.61 2.28 -4.19	98.59 2.10 -37.95	128.28 3.46 -38.46	134.92 3.47 -44.83	90.46 2.55 -15.09	71.27 2.67 0.00	52.90 1.59 0.00	50.55 1.38 0.00	48.97 1.33 0.00	47.93 1.30 0.00	48.40 1.41 0.00	51.13 1.54 0.00	57.28 1.88 0.00	71.08 2.23 -1.15	79.91 2.48 0.00	70.40 2.25 0.00	62.89 1.89 0.00	56.77 1.76 0.00	51.14 1.59 0.00	48.16 1.58 0.00
REPUBLIC_115KV_BARTNBRK 55605	125.17 8.84 -54.51	71.76 8.81 0.00	69.15 8.60 0.00	67.96 8.35 0.00	76.28 8.66 -7.48	134.96 8.60 -67.82	167.78 12.69 -68.72	179.63 12.91 -80.10	110.02 10.41 -26.79	78.34 9.74 0.00	57.67 6.36 0.00	55.03 5.85 0.00	52.83 5.19 0.00	51.53 4.90 0.00	51.98 4.98 0.00	55.39 5.80 0.00	62.54 7.15 0.00	78.95 9.21 -2.03	87.73 10.30 0.00	77.42 9.27 0.00	68.87 7.87 0.00	62.27 7.26 0.00	55.84 6.29 0.00	52.21 5.64 0.00
REVERE_CPWR_DRP 24186	64.41 2.60 0.00	65.66 2.71 0.00	63.16 2.60 0.00	62.29 2.68 0.00	62.79 2.65 0.00	61.29 2.75 0.00	90.50 4.15 0.00	95.03 8.40 0.00	80.25 7.43 0.00	74.64 6.04 0.00	56.13 4.82 0.00	53.41 4.23 0.00	51.83 4.19 0.00	50.55 3.92 0.00	50.71 3.71 0.00	53.61 4.02 0.00	57.56 2.16 0.00	70.62 2.91 0.00	80.53 3.10 0.00	71.43 3.27 0.00	63.74 2.74 0.00	57.37 2.37 0.00	51.68 2.13 0.00	48.39 1.82 0.00
REYNOLDS_115KV_TB3 80639	98.64 2.47 -34.35	65.53 2.58 0.00	63.04 2.48 0.00	62.00 2.38 0.00	67.26 2.41 -4.71	103.49 2.22 -42.73	133.29 3.63 -43.31	140.91 3.81 -50.47	92.97 2.91 -17.24	71.62 3.02 0.00	53.05 1.74 0.00	50.75 1.57 0.00	49.17 1.52 0.00	48.08 1.45 0.00	48.55 1.55 0.00	51.27 1.69 0.00	57.56 2.16 0.00	71.52 2.51 -1.31	80.22 2.79 0.00	70.61 2.45 0.00	63.07 2.07 0.00	56.99 1.98 0.00	51.24 1.68 0.00	48.20 1.63 0.00
RIVERBAY____ 323610	73.25 3.03 -8.40	66.70 3.15 -0.61	63.65 3.09 -0.01	62.54 2.92 -0.01	63.93 3.01 -0.78	68.30 2.75 -7.02	98.56 5.10 -7.11	102.71 5.37 -10.71	89.12 3.57 -12.74	81.17 3.43 -9.14	53.78 2.46 -0.01	51.45 2.26 -0.01	49.98 2.33 -0.01	48.88 2.24 -0.01	49.31 2.30 -0.01	51.93 2.33 -0.01	58.06 2.66 -0.01	71.17 3.25 -0.21	81.31 3.87 -0.01	71.43 3.27 -0.01	63.93 2.93 -0.01	57.71 2.70 -0.01	52.09 2.53 -0.01	48.91 2.33 -0.01
RIVERSIDE_115KV_TB3 55908	98.73 2.47 -34.44	65.59 2.64 0.00	63.10 2.54 0.00	62.06 2.44 0.00	67.33 2.47 -4.73	103.66 2.28 -42.84	133.49 3.71 -43.42	141.04 3.81 -50.60	93.17 2.99 -17.37	71.62 3.02 0.00	53.15 1.85 0.00	50.80 1.62 0.00	49.21 1.57 0.00	48.17 1.54 0.00	48.64 1.64 0.00	51.37 1.79 0.00	57.61 2.22 0.00	71.60 2.57 -1.32	80.37 2.94 0.00	70.68 2.52 0.00	63.19 2.20 0.00	57.04 2.04 0.00	51.28 1.73 0.00	48.25 1.68 0.00
ROARING___BROOK_WT_PWR 323790	61.39 -0.43 0.00	62.44 -0.51 0.00	60.07 -0.49 0.00	59.07 -0.54 0.00	59.54 -0.60 0.00	57.84 -0.70 0.00	84.89 -1.47 0.00	85.15 -1.47 0.00	71.95 -0.87 0.00	67.92 -0.69 0.00	50.89 -0.41 0.00	48.78 -0.40 0.00	47.21 -0.43 0.00	46.26 -0.37 0.00	46.62 -0.38 0.00	49.24 -0.34 0.00	54.90 -0.50 0.00	67.03 -0.68 0.00	76.58 -0.85 0.00	67.27 -0.89 0.00	60.20 -0.79 0.00	54.24 -0.77 0.00	48.90 -0.65 0.00	45.97 -0.61 0.00

ROCHESRG_115KV_T4 355643	57.99 -3.83 0.00	58.98 -3.97 0.00	56.80 -3.75 0.00	56.09 -3.52 0.00	56.47 -3.67 0.00	55.73 -2.81 0.00	82.47 -3.89 0.00	82.29 -4.33 0.00	68.45 -4.37 0.00	64.21 -4.39 0.00	48.79 -2.51 0.00	47.11 -2.07 0.00	45.59 -2.05 0.00	44.63 -2.01 0.00	44.83 -2.16 0.00	47.06 -2.53 0.00	52.18 -3.21 0.00	63.84 -3.86 0.00	73.41 -4.03 0.00	64.47 -3.68 0.00	58.07 -2.93 0.00	52.37 -2.64 0.00	47.37 -2.18 0.00	44.57 -2.00 0.00
ROCHESTER_9_IC 23652	58.29 -3.52 0.00	59.24 -3.71 0.00	57.10 -3.45 0.00	56.39 -3.22 0.00	56.77 -3.37 0.00	56.02 -2.52 0.00	82.99 -3.37 0.00	82.90 -3.72 0.00	68.89 -3.93 0.00	64.62 -3.98 0.00	49.15 -2.15 0.00	47.46 -1.72 0.00	45.88 -1.76 0.00	44.91 -1.73 0.00	45.12 -1.88 0.00	47.36 -2.23 0.00	52.51 -2.88 0.00	64.32 -3.39 0.00	73.87 -3.56 0.00	64.88 -3.27 0.00	58.43 -2.56 0.00	52.70 -2.31 0.00	47.62 -1.93 0.00	44.80 -1.77 0.00
ROCKVIEW_13_KV_LD 356306	72.62 2.41 -8.39	66.07 2.52 -0.60	62.98 2.42 0.00	61.88 2.27 0.00	63.26 2.35 -0.77	67.71 2.17 -7.01	97.87 4.40 -7.10	102.35 5.02 -10.70	89.05 3.50 -12.74	81.17 3.43 -9.14	53.72 2.41 0.00	51.39 2.21 0.00	49.88 2.24 0.00	48.78 2.15 0.00	49.25 2.26 0.00	51.87 2.28 0.00	58.05 2.66 0.00	71.16 3.25 -0.21	81.30 3.87 0.00	71.43 3.27 0.00	63.80 2.81 0.00	57.48 2.48 0.00	51.78 2.23 0.00	48.57 2.00 0.00
ROME____115KV_TB2 80656	64.41 2.60 0.00	65.66 2.71 0.00	63.16 2.60 0.00	62.29 2.68 0.00	62.79 2.65 0.00	61.29 2.75 0.00	90.50 4.15 0.00	95.03 8.40 0.00	80.25 7.43 0.00	74.64 6.04 0.00	56.13 4.82 0.00	53.41 4.23 0.00	51.83 4.19 0.00	50.55 3.92 0.00	50.71 3.71 0.00	53.61 4.02 0.00	57.56 2.16 0.00	70.62 2.91 0.00	80.53 3.10 0.00	71.43 3.27 0.00	63.74 2.74 0.00	57.37 2.37 0.00	51.68 2.13 0.00	48.39 1.82 0.00
ROSETON___1 23587	68.98 1.73 -5.43	64.78 1.83 0.00	62.31 1.76 0.00	61.22 1.61 0.00	62.57 1.68 -0.75	66.87 1.58 -6.76	96.49 3.28 -6.85	98.33 3.72 -7.98	77.98 2.55 -2.62	71.07 2.47 0.00	52.95 1.64 0.00	50.65 1.47 0.00	49.12 1.48 0.00	48.08 1.45 0.00	48.54 1.55 0.00	51.17 1.59 0.00	57.22 1.83 0.00	70.13 2.23 -0.20	79.98 2.55 0.00	70.33 2.18 0.00	62.95 1.95 0.00	56.77 1.76 0.00	51.18 1.63 0.00	48.06 1.49 0.00
ROSETON___2 23588	68.98 1.73 -5.43	64.78 1.83 0.00	62.31 1.76 0.00	61.22 1.61 0.00	62.57 1.68 -0.75	66.87 1.58 -6.76	96.49 3.28 -6.85	98.33 3.72 -7.98	77.98 2.55 -2.62	71.07 2.47 0.00	52.95 1.64 0.00	50.65 1.47 0.00	49.12 1.48 0.00	48.08 1.45 0.00	48.54 1.55 0.00	51.17 1.59 0.00	57.22 1.83 0.00	70.13 2.23 -0.20	79.98 2.55 0.00	70.33 2.18 0.00	62.95 1.95 0.00	56.77 1.76 0.00	51.18 1.63 0.00	48.06 1.49 0.00
ROTRDAM_115KV_TB3 80664	126.57 1.92 -62.83	64.90 1.95 0.00	62.43 1.88 0.00	61.40 1.79 0.00	70.63 1.86 -8.62	138.46 1.76 -78.17	168.51 2.94 -79.21	181.98 3.03 -92.32	105.89 2.26 -30.81	70.80 2.20 0.00	52.64 1.33 0.00	50.36 1.18 0.00	48.78 1.14 0.00	47.75 1.12 0.00	48.17 1.17 0.00	50.93 1.34 0.00	57.06 1.66 0.00	72.08 2.03 -2.34	79.76 2.32 0.00	70.20 2.04 0.00	62.77 1.77 0.00	56.60 1.60 0.00	50.94 1.39 0.00	47.83 1.26 0.00
RUSSELL___1 23602	58.54 -3.28 0.00	59.55 -3.40 0.00	57.34 -3.21 0.00	56.69 -2.92 0.00	57.07 -3.07 0.00	56.31 -2.22 0.00	83.42 -2.94 0.00	83.42 -3.21 0.00	69.32 -3.50 0.00	64.97 -3.64 0.00	49.46 -1.85 0.00	47.75 -1.43 0.00	46.16 -1.48 0.00	45.18 -1.45 0.00	45.35 -1.64 0.00	47.65 -1.93 0.00	52.85 -2.55 0.00	64.73 -2.98 0.00	74.33 -3.10 0.00	65.29 -2.86 0.00	58.74 -2.26 0.00	52.97 -2.04 0.00	47.87 -1.68 0.00	44.99 -1.58 0.00
RUSSELL___2 23532	58.54 -3.28 0.00	59.55 -3.40 0.00	57.34 -3.21 0.00	56.69 -2.92 0.00	57.07 -3.07 0.00	56.31 -2.22 0.00	83.42 -2.94 0.00	83.42 -3.21 0.00	69.32 -3.50 0.00	64.97 -3.64 0.00	49.46 -1.85 0.00	47.75 -1.43 0.00	46.16 -1.48 0.00	45.18 -1.45 0.00	45.35 -1.64 0.00	47.65 -1.93 0.00	52.85 -2.55 0.00	64.73 -2.98 0.00	74.33 -3.10 0.00	65.29 -2.86 0.00	58.74 -2.26 0.00	52.97 -2.04 0.00	47.87 -1.68 0.00	44.99 -1.58 0.00
RUSSELL___3 23549	58.54 -3.28 0.00	59.55 -3.40 0.00	57.34 -3.21 0.00	56.69 -2.92 0.00	57.07 -3.07 0.00	56.31 -2.22 0.00	83.42 -2.94 0.00	83.42 -3.21 0.00	69.32 -3.50 0.00	64.97 -3.64 0.00	49.46 -1.85 0.00	47.75 -1.43 0.00	46.16 -1.48 0.00	45.18 -1.45 0.00	45.35 -1.64 0.00	47.65 -1.93 0.00	52.85 -2.55 0.00	64.73 -2.98 0.00	74.33 -3.10 0.00	65.29 -2.86 0.00	58.74 -2.26 0.00	52.97 -2.04 0.00	47.87 -1.68 0.00	44.99 -1.58 0.00
RUSSELL___4 23556	58.54 -3.28 0.00	59.55 -3.40 0.00	57.34 -3.21 0.00	56.69 -2.92 0.00	57.07 -3.07 0.00	56.31 -2.22 0.00	83.42 -2.94 0.00	83.42 -3.21 0.00	69.32 -3.50 0.00	64.97 -3.64 0.00	49.46 -1.85 0.00	47.75 -1.43 0.00	46.16 -1.48 0.00	45.18 -1.45 0.00	45.35 -1.64 0.00	47.65 -1.93 0.00	52.85 -2.55 0.00	64.73 -2.98 0.00	74.33 -3.10 0.00	65.29 -2.86 0.00	58.74 -2.26 0.00	52.97 -2.04 0.00	47.87 -1.68 0.00	44.99 -1.58 0.00
RUSSELL___STATION 23914	58.54 -3.28 0.00	59.55 -3.40 0.00	57.34 -3.21 0.00	56.69 -2.92 0.00	57.07 -3.07 0.00	56.31 -2.22 0.00	83.42 -2.94 0.00	83.42 -3.21 0.00	69.32 -3.50 0.00	64.97 -3.64 0.00	49.46 -1.85 0.00	47.75 -1.43 0.00	46.16 -1.48 0.00	45.18 -1.45 0.00	45.35 -1.64 0.00	47.65 -1.93 0.00	52.85 -2.55 0.00	64.73 -2.98 0.00	74.33 -3.10 0.00	65.29 -2.86 0.00	58.74 -2.26 0.00	52.97 -2.04 0.00	47.87 -1.68 0.00	44.99 -1.58 0.00
S SALMON___HYD 24043	62.00 0.19 0.00	63.08 0.13 0.00	60.68 0.12 0.00	59.85 0.24 0.00	60.20 0.06 0.00	58.89 0.35 0.00	86.79 0.43 0.00	87.15 0.52 0.00	72.39 -0.43 0.00	67.92 -0.69 0.00	51.25 -0.05 0.00	49.08 -0.10 0.00	47.50 -0.14 0.00	46.40 -0.23 0.00	46.62 -0.38 0.00	49.24 -0.34 0.00	54.90 -0.50 0.00	67.43 -0.27 0.00	77.35 -0.08 0.00	68.36 0.21 0.00	61.18 0.18 0.00	55.17 0.17 0.00	49.60 0.05 0.00	46.57 0.00 0.00
S.PERRY__115KV_TB1 80734	61.44 -1.73 -1.35	61.12 -1.83 0.00	58.86 -1.70 0.00	58.12 -1.49 0.00	58.76 -1.56 -0.19	59.69 -0.53 -1.68	87.89 -0.17 -1.71	87.58 -1.04 -1.99	70.86 -2.62 -0.66	65.24 -3.36 0.00	49.61 -1.69 0.00	47.90 -1.28 0.00	46.31 -1.33 0.00	45.28 -1.35 0.00	45.54 -1.46 0.00	48.05 -1.54 0.00	53.46 -1.94 0.00	65.86 -1.90 -0.05	76.04 -1.39 0.00	66.93 -1.23 0.00	60.26 -0.73 0.00	54.18 -0.83 0.00	48.76 -0.79 0.00	45.78 -0.79 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	57.00 -4.82 0.00	57.91 -5.04 0.00	55.71 -4.84 0.00	55.20 -4.41 0.00	55.57 -4.57 0.00	55.14 -3.40 0.00	81.61 -4.75 0.00	80.82 -5.80 0.00	66.78 -6.04 0.00	62.70 -5.90 0.00	48.12 -3.18 0.00	46.67 -2.51 0.00	45.12 -2.53 0.00	44.25 -2.38 0.00	44.46 -2.54 0.00	46.56 -3.02 0.00	51.30 -4.10 0.00	62.56 -5.15 0.00	72.09 -5.34 0.00	63.45 -4.70 0.00	57.46 -3.54 0.00	51.87 -3.14 0.00	47.22 -2.33 0.00	44.57 -2.00 0.00

SAWYER___23_KV_LOAD	57.00	57.91	55.71	55.20	55.57	55.14	81.61	80.82	66.78	62.70	48.12	46.67	45.12	44.25	44.46	46.56	51.30	62.56	72.09	63.45	57.46	51.87	47.22	44.57
55526	-4.82	-5.04	-4.84	-4.41	-4.57	-3.40	-4.75	-5.80	-6.04	-5.90	-3.18	-2.51	-2.53	-2.38	-2.54	-3.02	-4.10	-5.15	-5.34	-4.70	-3.54	-3.14	-2.33	-2.00
	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	
SELKIRK___I 23801	86.69	65.40	62.98	61.93	65.53	88.82	118.19	123.11	85.65	70.86	52.64	50.36	48.74	47.75	48.17	50.93	57.11	70.47	79.75	70.20	62.82	56.71	51.09	48.06
	2.22	2.45	2.42	2.32	2.28	2.10	3.28	3.21	2.26	2.26	1.33	1.18	1.10	1.12	1.18	1.34	1.72	1.96	2.32	2.04	1.83	1.71	1.54	1.49
	-22.65	0.00	0.00	0.00	-3.11	-28.18	-28.55	-33.28	-10.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.80	0.00	0.00	0.00	0.00	0.00	0.00
SELKIRK___II 23799	88.04	65.02	62.55	61.52	65.40	90.53	119.94	125.37	86.37	70.80	52.64	50.36	48.74	47.75	48.17	50.88	57.00	70.40	79.52	70.06	62.64	56.49	50.89	47.87
	1.92	2.07	2.00	1.91	1.92	1.75	2.94	3.03	2.11	2.19	1.33	1.18	1.10	1.12	1.18	1.29	1.61	1.83	2.09	1.91	1.65	1.49	1.34	1.30
	-24.30	0.00	0.00	0.00	-3.33	-30.23	-30.64	-35.71	-11.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.87	0.00	0.00	0.00	0.00	0.00	0.00
SENECA OSWGO___HYD 24041	60.89	62.01	59.58	58.72	59.24	58.01	86.02	86.28	72.02	67.50	50.74	48.74	47.17	46.07	46.24	48.79	54.51	66.82	76.66	67.54	60.51	54.63	48.96	45.97
	-0.93	-0.94	-0.97	-0.89	-0.90	-0.53	-0.34	-0.35	-0.80	-1.10	-0.56	-0.44	-0.48	-0.56	-0.75	-0.80	-0.89	-0.88	-0.77	-0.61	-0.49	-0.38	-0.59	-0.61
	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
SENECA___115KV_TB3 355854	57.92	58.86	56.62	56.09	56.47	56.08	83.25	82.38	68.09	63.94	49.05	47.60	45.93	45.09	45.30	47.46	52.35	63.84	73.56	64.75	58.62	52.86	48.06	45.36
	-3.89	-4.09	-3.94	-3.52	-3.67	-2.46	-3.11	-4.24	-4.73	-4.66	-2.26	-1.57	-1.72	-1.54	-1.69	-2.13	-3.05	-3.86	-3.87	-3.41	-2.38	-2.15	-1.49	-1.21
	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
SENECA___ENERGY 23797	59.84	60.93	58.56	57.82	58.34	57.30	85.07	85.24	71.07	66.55	50.18	48.24	46.73	45.65	45.87	48.35	53.90	66.01	75.73	66.65	59.78	53.91	48.36	45.41
	-1.98	-2.02	-2.00	-1.79	-1.80	-1.23	-1.29	-1.39	-1.75	-2.06	-1.13	-0.94	-0.91	-0.98	-1.13	-1.24	-1.49	-1.69	-1.70	-1.50	-1.22	-1.10	-1.19	-1.16
	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
SHOEMAKER___GT 23640	65.14	63.68	61.88	60.92	62.16	66.05	95.49	94.42	66.15	60.42	52.49	50.26	48.69	47.70	48.17	50.73	56.78	69.65	79.52	69.99	62.58	56.44	50.94	47.78
	1.30	1.38	1.33	1.31	1.32	1.23	2.76	3.03	1.89	1.85	1.18	1.08	1.05	1.07	1.18	1.14	1.39	1.76	2.09	1.84	1.58	1.43	1.39	1.21
	-2.02	0.66	0.00	0.00	-0.69	-6.29	-6.37	-4.76	8.56	10.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	0.00
SHOEMAKR_138KV_BK 111 55601	65.23	63.64	61.89	60.86	62.09	66.01	95.36	94.39	66.53	60.79	52.49	50.26	48.74	47.75	48.17	50.73	56.78	69.65	79.60	69.99	62.58	56.38	50.84	47.74
	1.30	1.32	1.33	1.25	1.26	1.23	2.68	2.95	1.82	1.78	1.18	1.08	1.10	1.12	1.17	1.14	1.38	1.76	2.17	1.84	1.59	1.38	1.29	1.16
	-2.12	0.63	0.00	0.00	-0.69	-6.24	-6.32	-4.82	8.11	9.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	0.00
SHOREHAM_IC_1 23715	81.32	76.00	73.47	70.33	75.36	91.35	117.38	122.36	91.04	82.16	54.54	51.93	50.55	49.33	49.96	54.04	59.21	72.92	86.82	73.33	65.57	58.64	53.13	49.88
	4.57	4.59	4.36	4.17	4.33	4.33	7.51	7.96	5.39	4.32	3.23	2.75	2.91	2.70	2.96	3.57	3.82	5.01	6.27	5.18	4.58	3.63	3.57	3.31
	-14.92	-8.46	-8.55	-6.55	-10.88	-28.49	-23.51	-27.77	-12.84	-9.23	0.00	0.00	0.00	0.00	0.00	-0.88	0.00	-0.21	-3.11	0.00	0.00	0.00	-0.01	0.00
SHOREHAM_IC_2 23716	81.32	76.00	73.47	70.33	75.36	91.35	117.38	122.36	91.04	82.16	54.54	51.93	50.55	49.33	49.96	54.04	59.21	72.92	86.82	73.33	65.57	58.64	53.13	49.88
	4.57	4.59	4.36	4.17	4.33	4.33	7.51	7.96	5.39	4.32	3.23	2.75	2.91	2.70	2.96	3.57	3.82	5.01	6.27	5.18	4.58	3.63	3.57	3.31
	-14.92	-8.46	-8.55	-6.55	-10.88	-28.49	-23.51	-27.77	-12.84	-9.23	0.00	0.00	0.00	0.00	0.00	-0.88	0.00	-0.21	-3.11	0.00	0.00	0.00	-0.01	0.00
SISSONVILLE____ 23735	69.48	70.69	68.06	67.36	66.94	64.21	85.67	86.37	78.72	73.95	56.79	54.69	52.83	51.67	51.98	54.50	59.33	72.44	75.26	72.79	65.08	59.08	55.00	52.07
	7.67	7.74	7.51	7.75	6.80	5.68	-0.69	-0.26	5.90	5.35	5.49	5.51	5.19	5.04	4.98	4.91	3.93	4.74	-2.17	4.63	4.09	4.07	5.45	5.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS1 24169	58.91	59.99	57.65	56.81	57.32	55.96	82.82	83.07	69.54	65.45	49.05	47.11	45.64	44.63	44.93	47.41	52.85	64.66	74.03	65.16	58.38	52.64	47.37	44.52
	-2.90	-2.96	-2.91	-2.80	-2.83	-2.57	-3.54	-3.56	-3.28	-3.15	-2.26	-2.06	-2.00	-2.00	-2.07	-2.18	-2.55	-3.05	-3.41	-3.00	-2.62	-2.36	-2.18	-2.05
	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
SITHE_IND_GS2 24170	58.91	59.99	57.65	56.81	57.32	55.96	82.82	83.07	69.54	65.45	49.05	47.11	45.64	44.63	44.93	47.41	52.85	64.66	74.03	65.16	58.38	52.64	47.37	44.52
	-2.90	-2.96	-2.91	-2.80	-2.83	-2.57	-3.54	-3.56	-3.28	-3.15	-2.26	-2.06	-2.00	-2.00	-2.07	-2.18	-2.55	-3.05	-3.41	-3.00	-2.62	-2.36	-2.18	-2.05
	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
SITHE_IND_GS3 24171	58.91	59.99	57.65	56.81	57.32	55.96	82.82	83.07	69.54	65.45	49.05	47.11	45.64	44.63	44.93	47.41	52.85	64.66	74.03	65.16	58.38	52.64	47.37	44.52
	-2.90	-2.96	-2.91	-2.80	-2.83	-2.57	-3.54	-3.56	-3.28	-3.15	-2.26	-2.06	-2.00	-2.00	-2.07	-2.18	-2.55	-3.05	-3.41	-3.00	-2.62	-2.36	-2.18	-2.05
	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
SITHE_IND_GS4 24172	58.91	59.99	57.65	56.81	57.32	55.96	82.82	83.07	69.54	65.45	49.05	47.11	45.64	44.63	44.93	47.41	52.85	64.66	74.03	65.16	58.38	52.64	47.37	44.52
	-2.90	-2.96	-2.91	-2.80	-2.83	-2.57	-3.54	-3.56	-3.28	-3.15	-2.26	-2.06	-2.00	-2.00	-2.07	-2.18	-2.55	-3.05	-3.41	-3.00	-2.62	-2.36	-2.18	-2.05
	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

SITHE____BATAVIA 24024	58.36 -3.46 0.00	59.36 -3.59 0.00	57.22 -3.33 0.00	56.63 -2.98 0.00	57.01 -3.13 0.00	56.49 -2.05 0.00	84.03 -2.33 0.00	83.68 -2.95 0.00	69.18 -3.64 0.00	64.62 -3.98 0.00	49.25 -2.05 0.00	47.65 -1.52 0.00	46.16 -1.48 0.00	45.04 -1.59 0.00	45.21 -1.79 0.00	47.41 -2.18 0.00	52.46 -2.94 0.00	64.25 -3.45 0.00	73.79 -3.64 0.00	65.29 -2.86 0.00	58.80 -2.19 0.00	53.03 -1.98 0.00	47.81 -1.74 0.00	45.08 -1.49 0.00
SITHE____INDEPEND 23800	58.85 -2.97 0.00	59.93 -3.02 0.00	57.65 -2.91 0.00	56.81 -2.80 0.00	57.31 -2.83 0.00	55.96 -2.58 0.00	82.82 -3.54 0.00	82.99 -3.64 0.00	69.47 -3.35 0.00	65.38 -3.22 0.00	49.05 -2.26 0.00	47.11 -2.07 0.00	45.64 -2.00 0.00	44.63 -2.01 0.00	44.93 -2.07 0.00	47.41 -2.18 0.00	52.85 -2.55 0.00	64.66 -3.05 0.00	74.03 -3.41 0.00	65.16 -3.00 0.00	58.37 -2.62 0.00	52.64 -2.37 0.00	47.42 -2.13 0.00	44.57 -2.00 0.00
SITHE____MASSENA 23902	62.87 1.05 0.00	64.02 1.07 0.00	61.58 1.03 0.00	60.62 1.01 0.00	61.10 0.96 0.00	59.35 0.82 0.00	86.45 0.09 0.00	86.54 -0.09 0.00	73.47 0.65 0.00	69.29 0.69 0.00	52.02 0.72 0.00	49.92 0.74 0.00	48.31 0.67 0.00	47.37 0.74 0.00	47.70 0.71 0.00	50.43 0.84 0.00	56.17 0.78 0.00	68.65 0.95 0.00	78.44 1.00 0.00	68.97 0.82 0.00	61.73 0.73 0.00	55.61 0.61 0.00	50.19 0.64 0.00	47.27 0.70 0.00
SITHE____OGDNSBRG 24021	71.77 9.95 0.00	73.09 10.14 0.00	70.36 9.81 0.00	69.81 10.19 0.00	69.40 9.26 0.00	66.79 8.25 0.00	89.64 3.28 0.00	90.00 3.38 0.00	81.12 8.30 0.00	75.67 7.07 0.00	58.08 6.77 0.00	55.62 6.44 0.00	53.69 6.05 0.00	52.51 5.88 0.00	52.87 5.87 0.00	55.49 5.90 0.00	60.71 5.32 0.00	74.68 6.97 0.00	78.21 0.77 0.00	75.65 7.50 0.00	67.58 6.59 0.00	61.22 6.22 0.00	56.83 7.28 0.00	53.65 7.08 0.00
SITHE____STERLING 23777	63.49 1.67 0.00	64.65 1.70 0.00	62.19 1.64 0.00	61.34 1.73 0.00	61.82 1.68 0.00	60.41 1.87 0.00	89.38 3.02 0.00	88.70 2.08 0.00	74.13 1.31 0.00	69.56 0.96 0.00	52.12 0.82 0.00	49.92 0.74 0.00	48.36 0.72 0.00	47.24 0.60 0.00	47.51 0.52 0.00	50.19 0.60 0.00	56.83 1.44 0.00	69.67 1.96 0.00	79.84 2.40 0.00	70.33 2.18 0.00	62.89 1.89 0.00	56.60 1.60 0.00	50.94 1.39 0.00	47.74 1.16 0.00
SLEIGHT__34_KV_TB1 80719	58.85 -2.97 0.00	59.87 -3.08 0.00	57.65 -2.91 0.00	56.87 -2.74 0.00	57.31 -2.83 0.00	56.49 -2.05 0.00	83.86 -2.50 0.00	83.94 -2.69 0.00	69.91 -2.91 0.00	65.58 -3.02 0.00	49.61 -1.69 0.00	47.80 -1.38 0.00	46.21 -1.43 0.00	45.18 -1.45 0.00	45.35 -1.64 0.00	47.75 -1.83 0.00	53.12 -2.27 0.00	65.06 -2.64 0.00	74.72 -2.71 0.00	65.56 -2.59 0.00	58.92 -2.07 0.00	53.08 -1.93 0.00	47.77 -1.78 0.00	44.90 -1.68 0.00
SOUTH CAIRO____GT 23612	86.81 3.52 -21.47	67.67 4.72 0.00	65.28 4.72 0.00	64.26 4.65 0.00	66.70 3.61 -2.95	88.87 3.63 -26.71	119.21 5.79 -27.07	123.63 5.46 -31.54	86.66 3.57 -10.28	72.44 3.84 0.00	53.56 2.26 0.00	51.05 1.87 0.00	49.36 1.72 0.00	48.36 1.73 0.00	48.88 1.88 0.00	51.72 2.13 0.00	58.33 2.94 0.00	71.53 3.05 -0.78	82.39 4.96 0.00	72.65 4.50 0.00	64.90 3.90 0.00	58.47 3.47 0.00	52.57 3.02 0.00	49.46 2.89 0.00
SOUTH HAMPTN____IC 23720	82.18 5.44 -14.92	76.82 5.41 -8.46	74.13 5.02 -8.55	70.93 4.77 -6.55	75.89 4.87 -10.88	91.88 4.86 -28.49	118.16 8.29 -23.51	123.14 8.75 -27.77	91.63 5.97 -12.84	82.63 4.80 -9.23	54.64 3.33 0.00	52.03 2.85 0.00	50.60 2.95 0.00	49.38 2.75 0.00	50.01 3.01 0.00	54.08 3.62 -0.88	59.27 3.88 0.00	72.99 5.08 -0.21	86.90 6.35 -3.11	73.40 5.25 0.00	65.63 4.63 0.00	58.58 3.57 0.00	53.08 3.52 -0.01	50.02 3.45 0.00
SOUTHDOW_115KV_TB1 355954	60.91 -2.29 -1.38	60.43 -2.52 0.00	58.07 -2.48 0.00	57.70 -1.91 0.00	58.29 -2.04 -0.19	59.61 -0.64 -1.71	88.18 0.09 -1.74	87.70 -0.95 -2.02	71.23 -2.26 -0.67	66.27 -2.33 0.00	50.69 -0.62 0.00	49.18 0.00 0.00	47.36 -0.29 0.00	46.49 -0.14 0.00	46.71 -0.28 0.00	48.89 -0.69 0.00	54.51 -0.89 0.00	66.60 -1.15 -0.05	76.74 -0.70 0.00	67.54 -0.61 0.00	61.00 0.00 0.00	54.90 -0.11 0.00	49.80 0.25 0.00	46.90 0.33 0.00
SOUTHOLD_69_KV_BK 2 55809	82.79 6.06 -14.92	77.32 5.92 -8.45	74.49 5.39 -8.54	71.16 5.01 -6.54	76.13 5.11 -10.87	92.05 5.03 -28.48	118.33 8.46 -23.50	123.31 8.92 -27.76	91.55 5.90 -12.84	82.50 4.66 -9.23	54.43 3.13 0.00	51.69 2.51 0.00	50.36 2.72 0.00	48.96 2.33 0.00	49.67 2.68 0.00	53.78 3.32 -0.87	58.83 3.43 0.00	72.51 4.60 -0.21	86.58 6.04 -3.11	72.92 4.77 0.00	65.08 4.09 0.00	58.31 3.30 0.00	52.67 3.12 0.00	49.74 3.17 0.00
SOUTHOLD____IC 23719	82.74 5.99 -14.92	77.26 5.86 -8.46	74.43 5.33 -8.55	71.11 4.95 -6.55	76.08 5.05 -10.88	92.06 5.03 -28.49	118.34 8.47 -23.51	123.32 8.92 -27.77	91.63 5.97 -12.84	82.56 4.73 -9.23	54.38 3.08 0.00	51.69 2.51 0.00	50.31 2.67 0.00	49.05 2.42 0.00	49.67 2.68 0.00	53.79 3.32 -0.88	58.83 3.44 0.00	72.52 4.61 -0.21	86.43 5.88 -3.11	72.92 4.77 0.00	65.20 4.21 0.00	58.20 3.19 0.00	52.68 3.12 -0.01	49.83 3.26 0.00
SOUTH_FORK_WT_PWR 323839	82.74 5.99 -14.92	77.13 5.73 -8.46	74.25 5.14 -8.55	70.87 4.71 -6.55	75.72 4.69 -10.88	91.71 4.68 -28.49	117.81 7.94 -23.51	122.71 8.32 -27.77	91.12 5.46 -12.84	82.02 4.19 -9.23	53.77 2.46 0.00	51.05 1.87 0.00	49.69 2.05 0.00	48.40 1.77 0.00	49.02 2.02 0.00	53.09 2.63 -0.88	58.00 2.60 0.00	71.56 3.65 -0.21	85.35 4.80 -3.11	71.97 3.81 0.00	64.29 3.29 0.00	57.37 2.36 0.00	51.94 2.38 -0.01	49.37 2.79 0.00
SPIERFLS_115KV_TB 1 80737	122.68 6.06 -54.81	68.99 6.04 0.00	66.43 5.87 0.00	65.33 5.72 0.00	73.56 5.89 -7.52	132.57 5.85 -68.18	164.27 8.81 -69.10	176.16 9.01 -80.53	107.11 7.35 -26.93	75.60 7.00 0.00	55.72 4.41 0.00	53.21 4.03 0.00	51.26 3.62 0.00	50.13 3.50 0.00	50.57 3.57 0.00	53.70 4.12 0.00	60.49 5.10 0.00	76.18 6.43 -2.05	84.63 7.20 0.00	74.49 6.34 0.00	66.36 5.37 0.00	60.07 5.06 0.00	53.91 4.36 0.00	50.48 3.91 0.00
ST LAWRENCE____ 23600	62.19 0.37 0.00	63.33 0.38 0.00	60.92 0.37 0.00	59.97 0.36 0.00	60.44 0.30 0.00	58.71 0.18 0.00	85.67 -0.69 0.00	85.68 -0.95 0.00	72.82 0.00 0.00	68.60 0.00 0.00	51.51 0.21 0.00	49.38 0.20 0.00	47.83 0.19 0.00	46.86 0.23 0.00	47.18 0.19 0.00	49.89 0.30 0.00	55.62 0.22 0.00	67.98 0.27 0.00	77.67 0.23 0.00	68.36 0.21 0.00	61.18 0.18 0.00	55.12 0.11 0.00	49.70 0.15 0.00	46.81 0.23 0.00
STATE_CA_115KV_115_LB 55624	103.09 2.66 -38.61	65.72 2.77 0.00	63.28 2.72 0.00	62.23 2.62 0.00	68.09 2.65 -5.30	109.03 2.46 -48.03	139.01 3.97 -48.68	147.43 4.07 -56.73	97.89 3.93 -21.14	72.51 3.91 0.00	53.82 2.51 0.00	51.44 2.26 0.00	49.79 2.14 0.00	48.68 2.05 0.00	49.16 2.16 0.00	51.97 2.38 0.00	58.33 2.94 0.00	72.83 3.52 -1.61	81.30 3.87 0.00	71.56 3.41 0.00	63.86 2.87 0.00	57.65 2.64 0.00	51.83 2.28 0.00	48.71 2.14 0.00

STATE_ST_34_KV_LOAD 55959	60.58 -1.24 0.00	61.69 -1.26 0.00	59.28 -1.27 0.00	58.36 -1.25 0.00	58.88 -1.26 0.00	57.77 -0.76 0.00	85.84 -0.52 0.00	86.11 -0.52 0.00	71.80 -1.02 0.00	67.44 -1.17 0.00	50.74 -0.56 0.00	48.74 -0.44 0.00	47.21 -0.43 0.00	46.12 -0.51 0.00	46.39 -0.61 0.00	48.89 -0.69 0.00	54.62 -0.78 0.00	66.89 -0.81 0.00	76.74 -0.70 0.00	67.47 -0.68 0.00	60.45 -0.55 0.00	54.51 -0.50 0.00	48.91 -0.64 0.00	45.87 -0.70 0.00
STATION 5_MISC_HYD 23604	58.36 -3.46 0.00	59.36 -3.59 0.00	57.22 -3.33 0.00	56.51 -3.10 0.00	56.95 -3.19 0.00	56.13 -2.40 0.00	83.17 -3.19 0.00	83.16 -3.47 0.00	69.18 -3.64 0.00	64.76 -3.84 0.00	49.15 -2.15 0.00	47.46 -1.72 0.00	45.97 -1.67 0.00	44.91 -1.72 0.00	45.11 -1.88 0.00	47.36 -2.23 0.00	52.51 -2.88 0.00	64.32 -3.38 0.00	73.72 -3.72 0.00	65.02 -3.13 0.00	58.44 -2.56 0.00	52.70 -2.31 0.00	47.42 -2.13 0.00	44.66 -1.91 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	59.65 -2.16 0.00	60.68 -2.27 0.00	58.43 -2.12 0.00	57.70 -1.91 0.00	58.16 -1.98 0.00	57.31 -1.23 0.00	85.06 -1.30 0.00	85.33 -1.30 0.00	71.07 -1.75 0.00	66.54 -2.06 0.00	50.38 -0.92 0.00	48.54 -0.64 0.00	46.93 -0.71 0.00	45.84 -0.79 0.00	46.06 -0.94 0.00	48.45 -1.14 0.00	53.96 -1.44 0.00	66.15 -1.56 0.00	75.96 -1.47 0.00	66.65 -1.50 0.00	59.78 -1.22 0.00	53.85 -1.16 0.00	48.46 -1.09 0.00	45.50 -1.07 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	58.05 -3.77 0.00	59.05 -3.90 0.00	56.92 -3.63 0.00	56.21 -3.40 0.00	56.59 -3.55 0.00	55.78 -2.75 0.00	82.65 -3.71 0.00	82.64 -3.98 0.00	68.74 -4.08 0.00	64.49 -4.12 0.00	49.00 -2.31 0.00	47.31 -1.87 0.00	45.74 -1.91 0.00	44.77 -1.87 0.00	44.93 -2.07 0.00	47.21 -2.38 0.00	52.40 -2.99 0.00	64.12 -3.59 0.00	73.64 -3.79 0.00	64.68 -3.48 0.00	58.19 -2.81 0.00	52.48 -2.53 0.00	47.37 -2.18 0.00	44.57 -2.00 0.00
STA_56___34_KV_BUS2 355983	58.05 -3.77 0.00	59.05 -3.90 0.00	56.92 -3.63 0.00	56.21 -3.40 0.00	56.59 -3.55 0.00	55.78 -2.75 0.00	82.65 -3.71 0.00	82.64 -3.98 0.00	68.74 -4.08 0.00	64.49 -4.12 0.00	49.00 -2.31 0.00	47.31 -1.87 0.00	45.74 -1.91 0.00	44.77 -1.87 0.00	44.93 -2.07 0.00	47.21 -2.38 0.00	52.40 -2.99 0.00	64.12 -3.59 0.00	73.64 -3.79 0.00	64.68 -3.48 0.00	58.19 -2.81 0.00	52.48 -2.53 0.00	47.37 -2.18 0.00	44.57 -2.00 0.00
STA_67___115KV_BK2 355882	58.11 -3.71 0.00	59.11 -3.84 0.00	56.98 -3.57 0.00	56.27 -3.34 0.00	56.65 -3.49 0.00	55.90 -2.63 0.00	82.82 -3.54 0.00	82.64 -3.98 0.00	68.67 -4.15 0.00	64.42 -4.18 0.00	49.00 -2.31 0.00	47.31 -1.87 0.00	45.78 -1.86 0.00	44.81 -1.82 0.00	44.98 -2.02 0.00	47.26 -2.33 0.00	52.35 -3.05 0.00	64.12 -3.59 0.00	73.64 -3.79 0.00	64.68 -3.48 0.00	58.25 -2.74 0.00	52.53 -2.48 0.00	47.52 -2.03 0.00	44.71 -1.86 0.00
STA_7___115KV_9TRANS 80674	58.54 -3.28 0.00	59.55 -3.40 0.00	57.34 -3.21 0.00	56.69 -2.92 0.00	57.07 -3.07 0.00	56.31 -2.22 0.00	83.42 -2.94 0.00	83.42 -3.21 0.00	69.32 -3.50 0.00	64.97 -3.64 0.00	49.46 -1.85 0.00	47.75 -1.43 0.00	46.16 -1.48 0.00	45.18 -1.45 0.00	45.35 -1.64 0.00	47.65 -1.93 0.00	52.85 -2.55 0.00	64.73 -2.98 0.00	74.33 -3.10 0.00	65.29 -2.86 0.00	58.74 -2.26 0.00	52.97 -2.04 0.00	47.87 -1.68 0.00	44.99 -1.58 0.00
STA_82___115KV_TB1 80780	58.17 -3.65 0.00	59.11 -3.84 0.00	56.98 -3.57 0.00	56.27 -3.34 0.00	56.65 -3.49 0.00	55.90 -2.63 0.00	82.82 -3.54 0.00	82.64 -3.98 0.00	68.74 -4.08 0.00	64.42 -4.18 0.00	49.00 -2.31 0.00	47.31 -1.87 0.00	45.78 -1.86 0.00	44.81 -1.82 0.00	44.98 -2.02 0.00	47.26 -2.33 0.00	52.40 -2.99 0.00	64.12 -3.59 0.00	73.64 -3.79 0.00	64.75 -3.41 0.00	58.25 -2.74 0.00	52.53 -2.48 0.00	47.52 -2.03 0.00	44.71 -1.86 0.00
STEEL___WIND 323596	58.04 -3.77 0.00	58.99 -3.96 0.00	56.68 -3.88 0.00	56.22 -3.40 0.00	56.65 -3.49 0.00	56.13 -2.40 0.00	83.51 -2.85 0.00	82.73 -3.90 0.00	68.45 -4.37 0.00	64.14 -4.46 0.00	48.95 -2.36 0.00	47.51 -1.67 0.00	46.02 -1.62 0.00	45.04 -1.59 0.00	45.26 -1.74 0.00	47.36 -2.23 0.00	52.24 -3.16 0.00	63.78 -3.93 0.00	73.17 -4.26 0.00	64.75 -3.41 0.00	58.55 -2.44 0.00	52.81 -2.20 0.00	47.77 -1.78 0.00	45.13 -1.44 0.00
STEPHTWN_115KV_BK_2 55603	95.36 3.03 -30.51	66.10 3.15 0.00	63.58 3.03 0.00	62.59 2.98 0.00	67.27 2.95 -4.19	99.36 2.87 -37.95	129.31 4.49 -38.46	135.96 4.50 -44.83	91.26 3.35 -15.09	72.03 3.43 0.00	53.46 2.15 0.00	51.10 1.92 0.00	49.45 1.81 0.00	48.40 1.77 0.00	48.88 1.88 0.00	51.67 2.08 0.00	58.00 2.60 0.00	71.96 3.11 -1.15	80.99 3.56 0.00	71.29 3.14 0.00	63.68 2.68 0.00	57.48 2.48 0.00	51.68 2.13 0.00	48.62 2.05 0.00
STEUBEN_REC_LFGE 323667	61.21 -2.29 -1.68	60.56 -2.39 0.00	58.19 -2.36 0.00	57.41 -2.21 0.00	58.21 -2.17 -0.23	59.57 -1.05 -2.09	87.62 -0.86 -2.12	87.36 -1.73 -2.47	71.09 -2.55 -0.81	65.51 -3.09 0.00	49.92 -1.39 0.00	48.29 -0.89 0.00	46.74 -0.91 0.00	45.65 -0.98 0.00	45.87 -1.13 0.00	48.25 -1.34 0.00	53.46 -1.94 0.00	65.40 -2.37 -0.06	74.95 -2.48 0.00	65.70 -2.45 0.00	58.98 -2.01 0.00	52.97 -2.04 0.00	47.62 -1.93 0.00	44.76 -1.82 0.00
STILLWATER___SOLAR 323814	120.33 4.26 -54.25	67.23 4.28 0.00	64.73 4.18 0.00	63.67 4.06 0.00	71.79 4.21 -7.44	130.12 4.10 -67.49	161.06 6.30 -68.40	172.75 6.41 -79.71	104.58 5.10 -26.66	73.47 4.87 0.00	54.33 3.03 0.00	51.93 2.75 0.00	50.16 2.52 0.00	49.05 2.42 0.00	49.53 2.54 0.00	52.46 2.88 0.00	59.05 3.66 0.00	74.34 4.61 -2.02	82.46 5.03 0.00	72.65 4.50 0.00	64.84 3.85 0.00	58.58 3.57 0.00	52.62 3.07 0.00	49.37 2.79 0.00
STONY___BROOK 24151	81.38 4.64 -14.92	76.13 4.72 -8.46	73.59 4.48 -8.55	70.40 4.23 -6.55	75.41 4.39 -10.88	91.47 4.45 -28.49	117.65 7.78 -23.51	122.54 8.14 -27.77	91.41 5.75 -12.84	82.56 4.73 -9.23	54.90 3.59 0.00	52.33 3.15 0.00	50.93 3.28 0.00	49.71 3.08 0.00	50.33 3.34 0.00	54.38 3.92 -0.88	59.55 4.16 0.00	73.19 5.28 -0.21	87.05 6.51 -3.11	73.54 5.38 0.00	65.81 4.82 0.00	58.86 3.85 0.00	53.37 3.82 -0.01	50.11 3.54 0.00
STURGEON_POOL_HYD 23609	71.86 1.42 -8.62	64.96 2.01 0.00	62.55 2.00 0.00	61.52 1.91 0.00	62.77 1.44 -1.18	70.60 1.35 -10.72	100.24 3.02 -10.86	102.75 3.47 -12.66	79.14 2.18 -4.13	71.00 2.40 0.00	52.90 1.59 0.00	50.60 1.43 0.00	49.12 1.48 0.00	48.08 1.45 0.00	48.55 1.55 0.00	51.13 1.54 0.00	57.22 1.83 0.00	69.91 1.90 -0.31	80.37 2.94 0.00	70.61 2.45 0.00	63.07 2.07 0.00	56.82 1.82 0.00	51.24 1.68 0.00	48.06 1.49 0.00
ST_LAW_115_BK7_LBMP 345037	62.25 0.44 0.00	63.33 0.38 0.00	60.92 0.37 0.00	59.97 0.36 0.00	60.44 0.30 0.00	58.71 0.18 0.00	85.67 -0.69 0.00	85.68 -0.95 0.00	72.82 0.00 0.00	68.60 0.00 0.00	51.51 0.21 0.00	49.38 0.20 0.00	47.83 0.19 0.00	46.86 0.23 0.00	47.23 0.24 0.00	49.89 0.30 0.00	55.62 0.22 0.00	67.98 0.27 0.00	77.67 0.23 0.00	68.36 0.21 0.00	61.18 0.18 0.00	55.12 0.11 0.00	49.75 0.20 0.00	46.81 0.23 0.00

ST_LAW_115_BK8_LBMP 345038	62.25 0.44 0.00	63.33 0.38 0.00	60.92 0.37 0.00	59.97 0.36 0.00	60.44 0.30 0.00	58.71 0.18 0.00	85.67 -0.69 0.00	85.68 -0.95 0.00	72.82 0.00 0.00	68.60 0.00 0.00	51.51 0.21 0.00	49.38 0.20 0.00	47.83 0.19 0.00	46.86 0.23 0.00	47.23 0.24 0.00	49.89 0.30 0.00	55.62 0.22 0.00	67.98 0.27 0.00	77.67 0.23 0.00	68.36 0.21 0.00	61.18 0.18 0.00	55.12 0.11 0.00	49.75 0.20 0.00	46.81 0.23 0.00
ST_LAW_230_BK5_LBMP 345035	62.19 0.37 0.00	63.33 0.38 0.00	60.92 0.37 0.00	59.97 0.36 0.00	60.44 0.30 0.00	58.71 0.18 0.00	85.67 -0.69 0.00	85.68 -0.95 0.00	72.82 0.00 0.00	68.60 0.00 0.00	51.51 0.21 0.00	49.38 0.20 0.00	47.83 0.19 0.00	46.86 0.23 0.00	47.18 0.19 0.00	49.89 0.30 0.00	55.62 0.22 0.00	67.98 0.27 0.00	77.67 0.23 0.00	68.36 0.21 0.00	61.18 0.18 0.00	55.12 0.11 0.00	49.70 0.15 0.00	46.81 0.23 0.00
ST_LAW_230_BK6_LBMP 345036	62.19 0.37 0.00	63.33 0.38 0.00	60.92 0.37 0.00	59.97 0.36 0.00	60.44 0.30 0.00	58.71 0.18 0.00	85.67 -0.69 0.00	85.68 -0.95 0.00	72.82 0.00 0.00	68.60 0.00 0.00	51.51 0.21 0.00	49.38 0.20 0.00	47.83 0.19 0.00	46.86 0.23 0.00	47.18 0.19 0.00	49.89 0.30 0.00	55.62 0.22 0.00	67.98 0.27 0.00	77.67 0.23 0.00	68.36 0.21 0.00	61.18 0.18 0.00	55.12 0.11 0.00	49.70 0.15 0.00	46.81 0.23 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	64.88 1.36 -1.71	63.58 1.38 0.75	61.89 1.33 0.00	60.86 1.25 0.00	62.17 1.32 -0.71	66.20 1.23 -6.43	95.73 2.85 -6.52	94.38 3.21 -4.55	64.77 2.04 10.09	59.12 1.99 11.47	52.64 1.33 0.00	50.41 1.23 0.00	48.88 1.24 0.00	47.89 1.26 0.00	48.31 1.32 0.00	50.88 1.29 0.00	56.95 1.55 0.00	69.86 1.96 -0.19	79.83 2.40 0.00	70.13 1.98 0.00	62.64 1.65 0.00	56.49 1.49 0.00	50.99 1.44 0.00	47.88 1.30 0.00
SWANROAD_115KV_TB1 355699	55.39 -6.43 0.00	56.34 -6.61 0.00	54.20 -6.36 0.00	53.71 -5.90 0.00	54.07 -6.07 0.00	53.62 -4.92 0.00	79.28 -7.08 0.00	78.40 -8.23 0.00	64.81 -8.01 0.00	60.92 -7.68 0.00	46.84 -4.46 0.00	45.44 -3.74 0.00	43.93 -3.72 0.00	43.09 -3.54 0.00	43.28 -3.71 0.00	45.32 -4.26 0.00	49.86 -5.54 0.00	60.80 -6.91 0.00	70.08 -7.36 0.00	61.68 -6.47 0.00	55.87 -5.12 0.00	50.50 -4.51 0.00	45.98 -3.57 0.00	43.45 -3.12 0.00
SYNERGY___BIOGAS 323694	58.36 -3.46 0.00	59.36 -3.59 0.00	57.22 -3.33 0.00	56.63 -2.98 0.00	57.01 -3.13 0.00	56.49 -2.05 0.00	84.03 -2.33 0.00	83.68 -2.95 0.00	69.18 -3.64 0.00	64.62 -3.98 0.00	49.25 -2.05 0.00	47.65 -1.52 0.00	46.16 -1.48 0.00	45.04 -1.59 0.00	45.21 -1.79 0.00	47.41 -2.18 0.00	52.46 -2.94 0.00	64.25 -3.45 0.00	73.79 -3.64 0.00	65.29 -2.86 0.00	58.80 -2.19 0.00	53.03 -1.98 0.00	47.81 -1.74 0.00	45.08 -1.49 0.00
SYRACUSE___ENERGY_ST1 323597	60.64 -1.17 0.00	61.75 -1.20 0.00	59.34 -1.21 0.00	58.42 -1.19 0.00	58.94 -1.20 0.00	57.72 -0.82 0.00	85.50 -0.86 0.00	85.76 -0.87 0.00	71.73 -1.09 0.00	67.37 -1.23 0.00	50.59 -0.72 0.00	48.64 -0.54 0.00	47.07 -0.57 0.00	45.98 -0.65 0.00	46.24 -0.75 0.00	48.80 -0.79 0.00	54.45 -0.94 0.00	66.69 -1.02 0.00	76.43 -1.01 0.00	67.20 -0.95 0.00	60.20 -0.79 0.00	54.35 -0.66 0.00	48.81 -0.74 0.00	45.83 -0.75 0.00
SYRACUSE___ENERGY_ST2 323598	60.64 -1.17 0.00	61.75 -1.20 0.00	59.34 -1.21 0.00	58.42 -1.19 0.00	58.94 -1.20 0.00	57.72 -0.82 0.00	85.50 -0.86 0.00	85.76 -0.87 0.00	71.73 -1.09 0.00	67.37 -1.23 0.00	50.59 -0.72 0.00	48.64 -0.54 0.00	47.07 -0.57 0.00	45.98 -0.65 0.00	46.24 -0.75 0.00	48.80 -0.79 0.00	54.45 -0.94 0.00	66.69 -1.02 0.00	76.43 -1.01 0.00	67.20 -0.95 0.00	60.20 -0.79 0.00	54.35 -0.66 0.00	48.81 -0.74 0.00	45.83 -0.75 0.00
SYRACUSE___POWER 24017	60.27 -1.55 0.00	61.38 -1.57 0.00	58.98 -1.57 0.00	58.12 -1.49 0.00	58.64 -1.50 0.00	57.37 -1.17 0.00	85.06 -1.30 0.00	85.33 -1.30 0.00	71.29 -1.53 0.00	66.95 -1.65 0.00	50.33 -0.97 0.00	48.34 -0.84 0.00	46.83 -0.81 0.00	45.74 -0.89 0.00	46.06 -0.94 0.00	48.55 -1.04 0.00	54.18 -1.22 0.00	66.35 -1.35 0.00	76.04 -1.39 0.00	66.93 -1.23 0.00	59.90 -1.10 0.00	54.07 -0.94 0.00	48.61 -0.94 0.00	45.64 -0.93 0.00
TALLMAN___138KV_BK151 55660	64.00 1.30 -0.89	63.37 1.38 0.96	61.83 1.27 0.00	60.80 1.19 0.00	62.13 1.26 -0.73	66.33 1.17 -6.62	95.92 2.85 -6.71	93.92 3.38 -3.92	61.40 2.11 13.53	55.98 2.06 14.68	52.79 1.49 0.00	50.51 1.33 0.00	49.07 1.43 0.00	48.03 1.40 0.00	48.45 1.46 0.00	50.98 1.39 0.00	57.00 1.61 0.00	69.93 2.03 -0.19	79.91 2.48 0.00	70.20 2.04 0.00	62.70 1.71 0.00	56.60 1.60 0.00	51.09 1.54 0.00	47.97 1.40 0.00
TEALLAVE_115KV_TB7 355573	59.96 -1.85 0.00	61.06 -1.89 0.00	58.68 -1.88 0.00	57.82 -1.79 0.00	58.34 -1.80 0.00	57.07 -1.46 0.00	84.63 -1.73 0.00	84.81 -1.82 0.00	70.93 -1.89 0.00	66.68 -1.92 0.00	50.13 -1.18 0.00	48.20 -0.98 0.00	46.64 -1.00 0.00	45.56 -1.07 0.00	45.87 -1.13 0.00	48.35 -1.24 0.00	53.90 -1.50 0.00	66.01 -1.69 0.00	75.57 -1.86 0.00	66.52 -1.64 0.00	59.59 -1.40 0.00	53.80 -1.21 0.00	48.41 -1.14 0.00	45.45 -1.12 0.00
TELGRAPH_34_KV_EAST 80808	56.69 -5.13 0.00	57.66 -5.29 0.00	55.53 -5.03 0.00	54.96 -4.65 0.00	55.33 -4.81 0.00	54.91 -3.63 0.00	81.35 -5.01 0.00	80.74 -5.89 0.00	66.70 -6.12 0.00	62.63 -5.97 0.00	48.12 -3.18 0.00	46.62 -2.56 0.00	45.07 -2.57 0.00	44.16 -2.47 0.00	44.36 -2.63 0.00	46.46 -3.12 0.00	51.24 -4.15 0.00	62.63 -5.08 0.00	72.17 -5.27 0.00	63.45 -4.70 0.00	57.40 -3.60 0.00	51.76 -3.25 0.00	47.07 -2.48 0.00	44.38 -2.19 0.00
TEMPLE___115KV_TB 2 55572	59.96 -1.85 0.00	61.06 -1.89 0.00	58.68 -1.88 0.00	57.82 -1.79 0.00	58.34 -1.80 0.00	57.07 -1.46 0.00	84.63 -1.73 0.00	84.89 -1.73 0.00	70.93 -1.89 0.00	66.68 -1.92 0.00	50.18 -1.13 0.00	48.20 -0.98 0.00	46.64 -1.00 0.00	45.60 -1.03 0.00	45.87 -1.13 0.00	48.40 -1.19 0.00	53.96 -1.44 0.00	66.01 -1.69 0.00	75.65 -1.78 0.00	66.52 -1.64 0.00	59.59 -1.40 0.00	53.80 -1.21 0.00	48.41 -1.14 0.00	45.45 -1.12 0.00
TIANA____69_KV_BK 1 55817	81.99 5.25 -14.92	76.62 5.22 -8.45	74.00 4.90 -8.54	70.80 4.65 -6.54	75.83 4.81 -10.87	91.81 4.80 -28.48	117.98 8.12 -23.50	123.05 8.66 -27.76	91.48 5.83 -12.84	82.50 4.66 -9.23	54.74 3.44 0.00	52.08 2.90 0.00	50.74 3.10 0.00	49.38 2.75 0.00	50.10 3.10 0.00	54.13 3.67 -0.87	59.33 3.93 0.00	73.12 5.21 -0.21	87.12 6.58 -3.11	73.47 5.32 0.00	65.57 4.57 0.00	58.80 3.80 0.00	53.17 3.62 0.00	49.92 3.35 0.00
TILDEN___115KV_TB1 80814	60.27 -1.55 0.00	61.38 -1.57 0.00	58.98 -1.57 0.00	58.12 -1.49 0.00	58.64 -1.50 0.00	57.37 -1.17 0.00	85.06 -1.30 0.00	85.33 -1.30 0.00	71.29 -1.53 0.00	66.95 -1.65 0.00	50.33 -0.97 0.00	48.34 -0.84 0.00	46.83 -0.81 0.00	45.74 -0.89 0.00	46.06 -0.94 0.00	48.55 -1.04 0.00	54.18 -1.22 0.00	66.35 -1.35 0.00	76.04 -1.39 0.00	66.93 -1.23 0.00	59.90 -1.10 0.00	54.07 -0.94 0.00	48.61 -0.94 0.00	45.64 -0.93 0.00

TRIGEN___CC 323695	79.76 3.03 -14.92	74.55 3.15 -8.45	72.12 3.03 -8.54	69.02 2.86 -6.54	73.96 2.95 -10.87	89.77 2.75 -28.48	115.13 5.27 -23.50	120.28 5.89 -27.76	89.66 4.01 -12.84	81.47 3.64 -9.23	54.02 2.72 0.00	51.64 2.46 0.00	50.21 2.57 0.00	49.01 2.38 0.00	49.53 2.54 0.00	53.29 2.83 -0.87	58.44 3.05 0.00	71.63 3.72 -0.21	85.11 4.57 -3.11	71.97 3.82 0.00	64.29 3.29 0.00	57.87 2.86 0.00	52.33 2.77 0.00	49.04 2.47 0.00
TRINITY___115KV___4 BK 55933	95.99 2.41 -31.76	65.53 2.58 0.00	63.04 2.48 0.00	62.00 2.38 0.00	66.90 2.41 -4.36	100.27 2.22 -39.51	130.03 3.63 -40.04	137.02 3.72 -46.66	91.50 2.84 -15.84	71.48 2.88 0.00	53.05 1.74 0.00	50.75 1.57 0.00	49.17 1.52 0.00	48.08 1.45 0.00	48.55 1.55 0.00	51.27 1.69 0.00	57.50 2.11 0.00	71.41 2.51 -1.20	80.22 2.79 0.00	70.61 2.45 0.00	63.07 2.07 0.00	56.93 1.93 0.00	51.24 1.68 0.00	48.20 1.63 0.00
UNION___PROCESSING_DRP 323587	58.17 -3.65 0.00	59.17 -3.78 0.00	56.98 -3.57 0.00	56.27 -3.34 0.00	56.65 -3.49 0.00	55.90 -2.63 0.00	82.82 -3.54 0.00	82.73 -3.90 0.00	68.74 -4.08 0.00	64.49 -4.12 0.00	49.00 -2.31 0.00	47.31 -1.87 0.00	45.78 -1.86 0.00	44.81 -1.82 0.00	44.98 -2.02 0.00	47.26 -2.33 0.00	52.40 -2.99 0.00	64.12 -3.59 0.00	73.72 -3.72 0.00	64.75 -3.41 0.00	58.25 -2.74 0.00	52.53 -2.48 0.00	47.52 -2.03 0.00	44.71 -1.86 0.00
UPPER HUDSON___HYD 24058	122.69 6.06 -54.81	68.99 6.04 0.00	66.43 5.87 0.00	65.34 5.72 0.00	73.56 5.90 -7.52	132.57 5.85 -68.18	164.27 8.81 -69.10	176.16 9.01 -80.53	107.18 7.43 -26.93	75.67 7.07 0.00	55.72 4.41 0.00	53.21 4.03 0.00	51.26 3.62 0.00	50.13 3.50 0.00	50.57 3.57 0.00	53.70 4.11 0.00	60.49 5.09 0.00	76.18 6.44 -2.05	84.55 7.12 0.00	74.56 6.40 0.00	66.37 5.37 0.00	60.06 5.06 0.00	53.91 4.36 0.00	50.44 3.86 0.00
UPPER RAQUET___HYD 24056	69.48 7.66 0.00	70.69 7.74 0.00	68.06 7.51 0.00	67.36 7.75 0.00	66.99 6.85 0.00	64.21 5.68 0.00	85.58 -0.78 0.00	86.37 -0.26 0.00	72.09 -0.73 0.00	70.18 1.58 0.00	56.80 5.49 0.00	54.69 5.51 0.00	52.84 5.19 0.00	51.67 5.04 0.00	51.98 4.98 0.00	54.50 4.91 0.00	59.33 3.93 0.00	72.44 4.74 0.00	82.23 4.80 0.00	72.92 4.77 0.00	65.08 4.09 0.00	59.02 4.01 0.00	54.95 5.40 0.00	52.06 5.49 0.00
VALLEY44_115KV_TB2 355964	60.09 -3.15 -1.42	59.55 -3.40 0.00	57.22 -3.33 0.00	56.75 -2.86 0.00	57.33 -3.01 -0.19	58.61 -1.70 -1.77	86.34 -1.81 -1.79	85.77 -2.95 -2.09	69.65 -3.86 -0.69	65.03 -3.57 0.00	49.77 -1.54 0.00	48.24 -0.93 0.00	46.59 -1.05 0.00	45.70 -0.93 0.00	45.92 -1.08 0.00	48.10 -1.49 0.00	53.18 -2.22 0.00	65.32 -2.44 -0.05	75.19 -2.25 0.00	66.18 -1.98 0.00	59.72 -1.28 0.00	53.80 -1.21 0.00	48.81 -0.74 0.00	46.01 -0.56 0.00
VALLEY___115KV_TB 1-4 80826	62.44 0.62 0.00	63.58 0.63 0.00	61.16 0.61 0.00	60.21 0.60 0.00	60.74 0.60 0.00	59.18 0.64 0.00	87.40 1.04 0.00	87.75 1.13 0.00	73.62 0.80 0.00	69.29 0.69 0.00	51.87 0.56 0.00	49.67 0.49 0.00	48.12 0.48 0.00	47.05 0.42 0.00	47.37 0.38 0.00	50.03 0.45 0.00	55.89 0.50 0.00	68.31 0.61 0.00	78.05 0.62 0.00	68.70 0.55 0.00	61.36 0.37 0.00	55.34 0.33 0.00	49.80 0.25 0.00	46.71 0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	72.68 2.84 -8.02	65.91 2.96 0.00	63.40 2.85 0.00	62.53 2.92 0.00	64.13 2.89 -1.10	71.50 2.99 -9.98	101.57 5.10 -10.11	103.87 5.46 -11.79	80.81 4.08 -3.91	72.17 3.57 0.00	54.02 2.72 0.00	51.59 2.41 0.00	50.02 2.38 0.00	48.87 2.24 0.00	49.11 2.11 0.00	51.82 2.23 0.00	58.00 2.60 0.00	71.25 3.25 -0.30	81.23 3.79 0.00	71.49 3.34 0.00	63.86 2.87 0.00	57.54 2.53 0.00	51.83 2.28 0.00	48.62 2.05 0.00
VISCHER___FERRY HYD 24020	111.93 3.03 -47.09	66.03 3.08 0.00	63.52 2.97 0.00	62.47 2.86 0.00	69.55 2.95 -6.46	119.92 2.81 -58.58	150.21 4.49 -59.36	160.48 4.67 -69.18	99.68 3.64 -23.22	72.23 3.63 0.00	53.46 2.15 0.00	51.09 1.92 0.00	49.45 1.81 0.00	48.40 1.77 0.00	48.88 1.88 0.00	51.67 2.08 0.00	58.05 2.66 0.00	72.65 3.18 -1.76	81.00 3.56 0.00	71.36 3.20 0.00	63.68 2.68 0.00	57.54 2.53 0.00	51.68 2.13 0.00	48.62 2.05 0.00
V_A_10_SYNC_DSASP 323832	56.69 -5.13 0.00	57.66 -5.29 0.00	55.47 -5.09 0.00	54.90 -4.71 0.00	55.33 -4.81 0.00	54.61 -3.92 0.00	80.92 -5.44 0.00	80.39 -6.24 0.00	66.70 -6.12 0.00	62.50 -6.11 0.00	47.61 -3.69 0.00	46.08 -3.10 0.00	44.69 -2.95 0.00	43.74 -2.89 0.00	43.89 -3.10 0.00	46.02 -3.57 0.00	50.74 -4.65 0.00	62.02 -5.69 0.00	71.16 -6.27 0.00	62.84 -5.32 0.00	56.73 -4.27 0.00	51.27 -3.74 0.00	46.28 -3.27 0.00	43.73 -2.84 0.00
V_CMM_10_SYNC_DSASP 323787	62.62 0.80 0.00	63.71 0.76 0.00	61.28 0.73 0.00	60.33 0.72 0.00	60.87 0.72 0.00	59.12 0.59 0.00	86.10 -0.26 0.00	86.20 -0.43 0.00	73.19 0.37 0.00	69.02 0.41 0.00	51.82 0.51 0.00	49.67 0.49 0.00	48.12 0.48 0.00	47.14 0.51 0.00	47.51 0.52 0.00	50.19 0.60 0.00	55.95 0.55 0.00	68.38 0.68 0.00	78.13 0.70 0.00	68.70 0.54 0.00	61.54 0.55 0.00	55.45 0.44 0.00	50.00 0.44 0.00	47.04 0.47 0.00
V_CMP_10_SYNC_DSASP 323788	63.36 1.55 0.00	64.46 1.51 0.00	61.95 1.39 0.00	60.98 1.37 0.00	61.53 1.38 0.00	59.82 1.29 0.00	86.79 0.43 0.00	86.97 0.35 0.00	74.06 1.24 0.00	69.84 1.24 0.00	52.69 1.39 0.00	50.65 1.47 0.00	49.02 1.38 0.00	48.12 1.49 0.00	48.50 1.50 0.00	51.32 1.73 0.00	57.17 1.77 0.00	69.93 2.23 0.00	79.91 2.48 0.00	70.27 2.12 0.00	62.89 1.89 0.00	56.66 1.65 0.00	51.24 1.69 0.00	48.25 1.67 0.00
V_D_10_SYNC_DSASP 323841	62.87 1.05 0.00	64.02 1.07 0.00	61.58 1.03 0.00	60.62 1.01 0.00	61.10 0.96 0.00	59.35 0.82 0.00	86.45 0.09 0.00	86.54 -0.09 0.00	73.47 0.65 0.00	69.29 0.69 0.00	52.02 0.72 0.00	49.92 0.74 0.00	48.31 0.67 0.00	47.37 0.74 0.00	47.70 0.71 0.00	50.43 0.84 0.00	56.17 0.78 0.00	68.65 0.95 0.00	78.44 1.00 0.00	68.97 0.82 0.00	61.73 0.73 0.00	55.61 0.61 0.00	50.19 0.64 0.00	47.27 0.70 0.00
V_E_10_SYNC_DSASP 323830	70.15 4.57 -3.76	67.67 4.72 0.00	65.10 4.54 0.00	64.44 4.83 0.00	65.53 4.87 -0.52	68.54 5.33 -4.68	100.25 9.15 -4.74	100.99 8.84 -5.52	80.62 5.97 -1.83	73.06 4.46 0.00	54.80 3.49 0.00	52.33 3.15 0.00	50.79 3.14 0.00	49.48 2.84 0.00	49.63 2.63 0.00	52.56 2.98 0.00	59.05 3.66 0.00	72.92 5.08 -0.14	83.40 5.96 0.00	73.54 5.38 0.00	65.51 4.51 0.00	58.69 3.69 0.00	52.62 3.07 0.00	49.08 2.51 0.00
V_F_30_NSYNC___DSASP 323816	121.51 4.39 -55.30	67.36 4.41 0.00	64.85 4.30 0.00	63.78 4.17 0.00	72.00 4.27 -7.59	131.49 4.16 -68.79	162.47 6.39 -69.72	174.38 6.50 -81.25	105.23 5.25 -27.17	73.61 5.01 0.00	54.44 3.13 0.00	52.03 2.85 0.00	50.26 2.62 0.00	49.15 2.52 0.00	49.63 2.63 0.00	52.56 2.98 0.00	59.16 3.77 0.00	74.44 4.67 -2.06	82.62 5.19 0.00	72.79 4.64 0.00	64.90 3.91 0.00	58.64 3.63 0.00	52.67 3.12 0.00	49.41 2.84 0.00

V_F_30_SYNC_DSASP 323786	102.53 2.66 -38.06	65.72 2.77 0.00	63.28 2.72 0.00	62.23 2.62 0.00	68.01 2.65 -5.22	108.34 2.46 -47.35	138.23 3.89 -47.98	146.62 4.07 -55.92	97.80 3.93 -21.05	72.51 3.91 0.00	53.82 2.51 0.00	51.44 2.26 0.00	49.79 2.14 0.00	48.68 2.05 0.00	49.16 2.16 0.00	52.02 2.43 0.00	58.33 2.94 0.00	72.82 3.52 -1.60	81.30 3.87 0.00	71.56 3.41 0.00	63.92 2.93 0.00	57.65 2.64 0.00	51.88 2.33 0.00	48.71 2.14 0.00
V_XM_10_SYNC_DSASP 323789	63.36 1.55 0.00	64.46 1.51 0.00	61.95 1.39 0.00	60.98 1.37 0.00	61.53 1.38 0.00	59.82 1.29 0.00	86.79 0.43 0.00	86.97 0.35 0.00	74.06 1.24 0.00	69.84 1.24 0.00	52.69 1.39 0.00	50.65 1.47 0.00	49.02 1.38 0.00	48.12 1.49 0.00	48.50 1.50 0.00	51.32 1.73 0.00	57.17 1.77 0.00	69.93 2.23 0.00	79.91 2.48 0.00	70.27 2.12 0.00	62.89 1.89 0.00	56.66 1.65 0.00	51.24 1.69 0.00	48.25 1.67 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	64.21 1.48 -0.91	63.56 1.57 0.97	62.07 1.51 0.00	61.04 1.43 0.00	62.32 1.44 -0.74	66.63 1.40 -6.69	96.24 3.11 -6.78	94.23 3.64 -3.97	61.60 2.40 13.62	56.14 2.33 14.79	52.95 1.64 0.00	50.65 1.48 0.00	49.21 1.57 0.00	48.17 1.54 0.00	48.59 1.60 0.00	51.18 1.59 0.00	57.22 1.83 0.00	70.13 2.23 -0.20	80.14 2.71 0.00	70.40 2.25 0.00	62.95 1.95 0.00	56.77 1.76 0.00	51.24 1.68 0.00	48.16 1.58 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	72.57 2.35 -8.40	66.01 2.46 -0.60	62.98 2.42 0.00	61.76 2.15 0.00	63.20 2.29 -0.77	67.65 2.11 -7.01	97.95 4.49 -7.10	102.45 5.11 -10.71	89.09 3.50 -12.77	81.27 3.50 -9.17	53.77 2.46 0.00	51.44 2.26 0.00	49.93 2.29 0.00	48.82 2.19 0.00	49.30 2.30 0.00	51.92 2.33 0.00	58.05 2.66 0.00	71.16 3.25 -0.21	81.15 3.72 0.00	71.22 3.07 0.00	63.68 2.68 0.00	57.37 2.37 0.00	51.73 2.18 0.00	48.53 1.96 0.00
W50THST__13_KV_LOAD 356117	72.88 2.66 -8.40	66.32 2.77 -0.60	63.28 2.72 0.00	62.12 2.50 0.00	63.50 2.59 -0.77	67.94 2.40 -7.01	98.47 5.01 -7.10	102.97 5.63 -10.71	89.60 4.01 -12.77	81.68 3.91 -9.17	54.13 2.82 0.00	51.79 2.61 0.00	50.26 2.62 0.00	49.15 2.52 0.00	49.58 2.58 0.00	52.22 2.63 0.00	58.33 2.94 0.00	71.50 3.59 -0.21	81.54 4.10 0.00	71.56 3.41 0.00	63.92 2.93 0.00	57.59 2.59 0.00	51.93 2.38 0.00	48.67 2.10 0.00
WADING RIVER_IC_1 23522	81.69 4.95 -14.92	76.38 4.97 -8.46	73.83 4.73 -8.55	70.64 4.47 -6.55	75.65 4.63 -10.88	91.71 4.68 -28.49	117.99 8.12 -23.51	122.98 8.58 -27.77	91.63 5.97 -12.84	82.77 4.94 -9.23	55.00 3.70 0.00	52.47 3.30 0.00	51.02 3.38 0.00	49.85 3.22 0.00	50.52 3.53 0.00	54.68 4.21 -0.88	59.99 4.60 0.00	73.87 5.96 -0.21	87.82 7.28 -3.11	74.08 5.93 0.00	66.18 5.18 0.00	59.14 4.13 0.00	53.52 3.97 -0.01	50.25 3.68 0.00
WADING RIVER_IC_2 23547	81.69 4.95 -14.92	76.38 4.97 -8.46	73.83 4.73 -8.55	70.64 4.47 -6.55	75.65 4.63 -10.88	91.71 4.68 -28.49	117.99 8.12 -23.51	122.98 8.58 -27.77	91.63 5.97 -12.84	82.77 4.94 -9.23	55.00 3.70 0.00	52.47 3.30 0.00	51.02 3.38 0.00	49.85 3.22 0.00	50.52 3.53 0.00	54.68 4.21 -0.88	59.99 4.60 0.00	73.87 5.96 -0.21	87.82 7.28 -3.11	74.08 5.93 0.00	66.18 5.18 0.00	59.14 4.13 0.00	53.52 3.97 -0.01	50.25 3.68 0.00
WADING RIVER_IC_3 23601	81.69 4.95 -14.92	76.38 4.97 -8.46	73.83 4.73 -8.55	70.64 4.47 -6.55	75.65 4.63 -10.88	91.71 4.68 -28.49	117.99 8.12 -23.51	122.98 8.58 -27.77	91.63 5.97 -12.84	82.77 4.94 -9.23	55.00 3.70 0.00	52.47 3.30 0.00	51.02 3.38 0.00	49.85 3.22 0.00	50.52 3.53 0.00	54.68 4.21 -0.88	59.99 4.60 0.00	73.87 5.96 -0.21	87.82 7.28 -3.11	74.08 5.93 0.00	66.18 5.18 0.00	59.14 4.13 0.00	53.52 3.97 -0.01	50.25 3.68 0.00
WALDENNY_12_KV_BK2 80841	57.80 -4.02 0.00	58.67 -4.28 0.00	56.44 -4.12 0.00	55.98 -3.64 0.00	56.35 -3.79 0.00	55.96 -2.58 0.00	82.99 -3.37 0.00	82.21 -4.42 0.00	67.94 -4.88 0.00	63.80 -4.80 0.00	48.95 -2.36 0.00	47.51 -1.67 0.00	45.88 -1.76 0.00	45.05 -1.59 0.00	45.21 -1.79 0.00	47.36 -2.23 0.00	52.24 -3.16 0.00	63.71 -3.99 0.00	73.41 -4.03 0.00	64.54 -3.61 0.00	58.43 -2.56 0.00	52.70 -2.31 0.00	47.96 -1.59 0.00	45.22 -1.35 0.00
WALDEN__HYDRO 24148	68.02 1.79 -4.41	64.59 1.89 0.25	62.43 1.88 0.00	61.40 1.79 0.00	62.71 1.80 -0.76	67.16 1.70 -6.93	96.92 3.54 -7.02	97.68 3.90 -7.16	73.84 2.55 1.53	67.16 2.40 3.84	52.90 1.59 0.00	50.60 1.43 0.00	49.12 1.48 0.00	48.08 1.45 0.00	48.55 1.55 0.00	51.13 1.54 0.00	57.28 1.88 0.00	70.28 2.37 -0.20	80.37 2.94 0.00	70.61 2.45 0.00	63.13 2.13 0.00	56.88 1.87 0.00	51.28 1.73 0.00	48.11 1.54 0.00
WARRENSBURG____ 23737	122.68 6.06 -54.81	68.99 6.04 0.00	66.43 5.87 0.00	65.33 5.72 0.00	73.56 5.89 -7.52	132.57 5.85 -68.18	164.27 8.81 -69.10	176.16 9.01 -80.53	107.11 7.35 -26.93	75.60 7.00 0.00	55.72 4.41 0.00	53.21 4.03 0.00	51.26 3.62 0.00	50.13 3.50 0.00	50.57 3.57 0.00	53.70 4.12 0.00	60.49 5.10 0.00	76.18 6.43 -2.05	84.63 7.20 0.00	74.49 6.34 0.00	66.36 5.37 0.00	60.07 5.06 0.00	53.91 4.36 0.00	50.48 3.91 0.00
WATERSIDE____6 8 9 23538	72.87 2.66 -8.40	66.32 2.77 -0.60	63.23 2.66 -0.01	62.06 2.44 -0.01	63.45 2.53 -0.78	67.89 2.34 -7.01	98.22 4.75 -7.11	102.70 5.37 -10.71	89.34 3.79 -12.73	81.43 3.70 -9.12	53.97 2.67 0.01	51.63 2.46 0.01	52.96 2.48 -2.84	49.00 2.38 0.01	49.48 2.49 0.01	52.11 2.53 0.01	58.27 2.88 0.01	71.36 3.45 -0.20	81.53 4.10 0.01	71.62 3.48 0.01	55.44 3.05 8.61	43.86 2.70 13.84	50.83 2.48 1.20	46.76 2.24 2.05
WATKINRD_115KV_LN8_ILLION 55919	62.37 0.56 0.00	63.52 0.57 0.00	61.10 0.54 0.00	60.15 0.54 0.00	60.68 0.54 0.00	59.12 0.59 0.00	87.31 0.95 0.00	87.67 1.04 0.00	73.55 0.73 0.00	69.22 0.62 0.00	51.77 0.46 0.00	49.57 0.39 0.00	48.02 0.38 0.00	47.00 0.37 0.00	47.33 0.33 0.00	49.99 0.40 0.00	55.89 0.50 0.00	68.25 0.54 0.00	78.05 0.62 0.00	68.70 0.55 0.00	61.42 0.43 0.00	55.39 0.39 0.00	49.85 0.30 0.00	46.76 0.19 0.00
WATSON__69_KV_BK 1 55734	81.56 4.82 -14.92	76.31 4.91 -8.45	73.82 4.72 -8.54	70.63 4.47 -6.54	75.71 4.69 -10.87	91.64 4.62 -28.48	117.90 8.03 -23.50	122.97 8.58 -27.76	91.55 5.90 -12.84	82.77 4.94 -9.23	55.10 3.80 0.00	52.52 3.34 0.00	51.12 3.48 0.00	49.80 3.17 0.00	50.47 3.48 0.00	54.48 4.02 -0.87	59.83 4.43 0.00	73.53 5.62 -0.21	87.59 7.05 -3.11	74.02 5.86 0.00	66.06 5.06 0.00	59.30 4.29 0.00	53.56 4.01 0.00	50.16 3.59 0.00
WDELAWARE__HYD 323627	68.53 1.67 -5.05	64.51 1.76 0.20	62.37 1.81 0.00	61.40 1.79 0.00	62.70 1.75 -0.82	67.65 1.70 -7.42	97.50 3.63 -7.52	98.57 3.99 -7.96	74.91 2.55 0.46	67.77 2.19 3.03	52.69 1.39 0.00	50.41 1.23 0.00	48.78 1.14 0.00	47.84 1.21 0.00	48.31 1.31 0.00	50.88 1.29 0.00	57.06 1.66 0.00	70.15 2.23 -0.22	80.37 2.94 0.00	70.60 2.45 0.00	63.13 2.13 0.00	56.82 1.81 0.00	51.28 1.73 0.00	48.02 1.45 0.00

WEST BABYLON___IC 23714	81.18 4.45 -14.92	75.99 4.60 -8.45	73.46 4.36 -8.54	70.33 4.17 -6.54	75.35 4.33 -10.87	91.29 4.27 -28.48	117.38 7.51 -23.50	122.36 7.97 -27.76	91.19 5.53 -12.84	82.50 4.66 -9.23	54.90 3.59 0.00	52.38 3.20 0.00	50.98 3.33 0.00	49.66 3.03 0.00	50.33 3.34 0.00	54.28 3.82 -0.87	59.49 4.10 0.00	73.12 5.21 -0.21	87.04 6.50 -3.11	73.54 5.38 0.00	65.69 4.70 0.00	59.02 4.02 0.00	53.37 3.82 0.00	49.97 3.40 0.00
WEST CANADA___HYD 24049	62.31 0.49 0.00	63.45 0.50 0.00	61.04 0.48 0.00	60.09 0.47 0.00	60.62 0.48 0.00	59.00 0.47 0.00	87.22 0.86 0.00	87.58 0.95 0.00	73.47 0.65 0.00	69.22 0.62 0.00	51.71 0.41 0.00	49.53 0.35 0.00	47.98 0.34 0.00	46.96 0.33 0.00	47.33 0.33 0.00	49.94 0.35 0.00	55.84 0.44 0.00	68.24 0.54 0.00	78.05 0.62 0.00	68.70 0.54 0.00	61.43 0.43 0.00	55.40 0.39 0.00	49.90 0.35 0.00	46.85 0.28 0.00
WESTERN_NY_WIND 24143	57.99 -3.83 0.00	58.92 -4.03 0.00	56.86 -3.69 0.00	56.27 -3.34 0.00	56.65 -3.49 0.00	56.19 -2.34 0.00	83.42 -2.94 0.00	82.99 -3.64 0.00	68.52 -4.30 0.00	64.14 -4.46 0.00	49.15 -2.15 0.00	47.60 -1.57 0.00	45.97 -1.67 0.00	45.00 -1.63 0.00	45.12 -1.88 0.00	47.31 -2.28 0.00	52.35 -3.05 0.00	64.12 -3.59 0.00	73.95 -3.48 0.00	65.02 -3.14 0.00	58.74 -2.26 0.00	52.92 -2.09 0.00	47.96 -1.59 0.00	45.17 -1.40 0.00
WESTOVER___LESR 323668	63.61 -0.74 -2.54	62.13 -0.82 0.00	59.71 -0.85 0.00	58.96 -0.66 0.00	59.77 -0.72 -0.35	61.46 -0.23 -3.15	89.73 0.17 -3.20	90.26 -0.09 -3.73	73.25 -0.80 -1.23	67.71 -0.89 0.00	50.95 -0.36 0.00	48.98 -0.20 0.00	47.40 -0.24 0.00	46.40 -0.23 0.00	46.67 -0.33 0.00	49.19 -0.40 0.00	54.84 -0.55 0.00	67.32 -0.47 -0.09	77.12 -0.31 0.00	67.81 -0.34 0.00	60.81 -0.18 0.00	54.79 -0.22 0.00	49.40 -0.15 0.00	46.43 -0.14 0.00
WETHRSFD_WT_PWR 323626	58.97 -4.33 -1.48	58.48 -4.47 0.00	56.19 -4.36 0.00	55.44 -4.17 0.00	56.25 -4.09 -0.20	57.10 -3.28 -1.84	83.91 -4.32 -1.86	83.51 -5.29 -2.17	68.00 -5.54 -0.72	62.84 -5.76 0.00	47.81 -3.49 0.00	46.32 -2.85 0.00	45.02 -2.62 0.00	44.02 -2.61 0.00	44.32 -2.68 0.00	46.61 -2.97 0.00	51.52 -3.88 0.00	63.02 -4.74 -0.05	72.01 -5.42 0.00	63.32 -4.84 0.00	56.97 -4.03 0.00	51.27 -3.74 0.00	46.23 -3.32 0.00	43.59 -2.98 0.00
WHAVSTOR_138KV_BK127 55557	64.03 1.30 -0.91	63.37 1.38 0.97	61.89 1.33 0.00	60.80 1.19 0.00	62.14 1.26 -0.74	66.41 1.17 -6.70	95.91 2.76 -6.79	93.90 3.29 -3.98	61.22 2.04 13.64	55.85 2.06 14.81	52.74 1.44 0.00	50.51 1.33 0.00	49.02 1.38 0.00	48.03 1.40 0.00	48.45 1.46 0.00	50.98 1.39 0.00	57.00 1.61 0.00	69.86 1.96 -0.20	79.83 2.40 0.00	70.13 1.98 0.00	62.64 1.65 0.00	56.55 1.54 0.00	51.09 1.54 0.00	48.02 1.44 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	64.03 1.30 -0.91	63.37 1.38 0.97	61.89 1.33 0.00	60.80 1.19 0.00	62.14 1.26 -0.74	66.41 1.17 -6.70	95.91 2.76 -6.79	93.90 3.29 -3.98	61.22 2.04 13.64	55.85 2.06 14.81	52.74 1.44 0.00	50.51 1.33 0.00	49.02 1.38 0.00	48.03 1.40 0.00	48.45 1.46 0.00	50.98 1.39 0.00	57.00 1.61 0.00	69.86 1.96 -0.20	79.83 2.40 0.00	70.13 1.98 0.00	62.64 1.65 0.00	56.55 1.54 0.00	51.09 1.54 0.00	48.02 1.44 0.00
WHITEHAL_115KV_TB1 80871	123.32 6.99 -54.51	69.94 6.99 0.00	67.34 6.78 0.00	66.23 6.62 0.00	74.48 6.86 -7.48	133.14 6.79 -67.82	165.27 10.19 -68.72	177.03 10.31 -80.10	107.91 8.30 -26.79	76.35 7.75 0.00	56.28 4.98 0.00	53.75 4.57 0.00	51.74 4.10 0.00	50.50 3.87 0.00	50.99 3.99 0.00	54.20 4.61 0.00	61.21 5.82 0.00	77.19 7.45 -2.03	85.72 8.29 0.00	75.58 7.43 0.00	67.28 6.28 0.00	60.84 5.83 0.00	54.55 5.00 0.00	51.04 4.47 0.00
WHITEPLN_13_KV_LOAD 356215	73.11 2.66 -8.64	66.37 2.77 -0.65	63.22 2.66 0.00	62.12 2.50 0.00	63.56 2.65 -0.77	67.87 2.34 -7.00	98.29 4.84 -7.09	102.91 5.37 -10.91	90.33 3.86 -13.65	82.35 3.77 -9.98	53.92 2.62 0.00	51.59 2.41 0.00	50.07 2.43 0.00	48.96 2.33 0.00	49.44 2.44 0.00	52.07 2.48 0.00	58.33 2.94 0.00	71.57 3.66 -0.21	81.77 4.34 0.00	71.83 3.68 0.00	64.11 3.11 0.00	57.76 2.75 0.00	51.98 2.43 0.00	48.71 2.14 0.00
WM_FLOYD_69_KV_BK2 356380	81.31 4.57 -14.92	76.06 4.66 -8.45	73.52 4.42 -8.54	70.33 4.17 -6.54	75.41 4.39 -10.87	91.35 4.33 -28.48	117.38 7.51 -23.50	122.45 8.06 -27.76	91.04 5.39 -12.84	82.15 4.32 -9.23	54.59 3.28 0.00	51.98 2.80 0.00	50.60 2.95 0.00	49.34 2.70 0.00	50.00 3.01 0.00	54.08 3.62 -0.87	59.27 3.88 0.00	72.99 5.08 -0.21	86.97 6.43 -3.11	73.40 5.25 0.00	65.51 4.51 0.00	58.80 3.80 0.00	53.17 3.62 0.00	49.83 3.26 0.00
WOODARD___115KV_TB2 355635	60.02 -1.79 0.00	61.12 -1.83 0.00	58.80 -1.76 0.00	57.88 -1.73 0.00	58.40 -1.74 0.00	57.13 -1.40 0.00	84.72 -1.64 0.00	84.98 -1.65 0.00	71.00 -1.82 0.00	66.75 -1.85 0.00	50.18 -1.13 0.00	48.20 -0.98 0.00	46.64 -1.00 0.00	45.60 -1.03 0.00	45.87 -1.13 0.00	48.40 -1.19 0.00	53.96 -1.44 0.00	66.08 -1.62 0.00	75.65 -1.78 0.00	66.59 -1.57 0.00	59.65 -1.34 0.00	53.85 -1.16 0.00	48.41 -1.14 0.00	45.45 -1.12 0.00
YORK___WARBASSE 23770	73.25 3.03 -8.40	66.64 3.08 -0.61	63.59 3.03 -0.01	62.36 2.74 -0.01	63.75 2.83 -0.78	68.19 2.63 -7.02	98.82 5.35 -7.11	103.40 6.06 -10.71	89.85 4.30 -12.74	82.10 4.25 -9.24	171.24 3.03 -116.90	168.94 2.85 -116.90	68.61 2.86 -18.11	136.07 2.75 -86.68	65.32 2.82 -15.51	97.84 2.93 -45.32	104.75 3.32 -46.04	269.11 4.06 -197.34	248.77 4.72 -166.62	231.71 3.95 -159.61	199.49 3.48 -135.02	164.36 3.14 -106.22	63.49 2.87 -11.06	63.41 2.61 -14.23