

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses																		--- Marginal Cost of Congestion					
Generator Data		02/23/2025																							
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1 24138	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	86.29	79.50	75.07	76.33	81.72	76.80	86.05	81.41	72.44	67.84	65.58	65.97	67.76	66.07	66.26	67.54	83.31	99.93	114.38	103.33	97.80	84.17	79.07	75.50	
	3.95	3.50	3.16	3.21	3.29	3.03	3.62	3.28	3.12	3.23	3.06	2.84	2.85	2.91	2.86	2.91	3.51	4.21	5.14	4.64	4.22	3.32	3.19	2.48	
74TH STREET_GT_1 24260																									
	86.54	79.73	75.29	76.56	81.88	76.95	86.22	81.64	72.58	67.97	65.76	66.16	67.96	66.19	66.44	67.73	83.55	100.22	114.70	103.52	98.08	84.41	79.30	75.65	
	4.20	3.72	3.38	3.44	3.45	3.17	3.79	3.52	3.26	3.36	3.25	3.03	3.05	3.03	3.04	3.10	3.75	4.50	5.46	4.84	4.49	3.56	3.41	2.63	
74TH STREET_GT_2 24261																									
	86.54	79.73	75.29	76.56	81.88	76.95	86.22	81.64	72.58	67.97	65.76	66.16	67.96	66.19	66.44	67.73	83.55	100.22	114.70	103.52	98.08	84.41	79.30	75.65	
	4.20	3.72	3.38	3.44	3.45	3.17	3.79	3.52	3.26	3.36	3.25	3.03	3.05	3.03	3.04	3.10	3.75	4.50	5.46	4.84	4.49	3.56	3.41	2.63	
ADK HUDSON___FALLS 24011																									
	89.18	82.24	77.81	79.12	84.62	79.82	89.27	84.30	74.45	69.52	67.14	67.80	69.32	67.58	67.71	69.29	86.03	103.18	118.09	106.48	100.89	86.99	81.65	78.28	
	6.83	6.23	5.90	6.00	6.20	6.05	6.84	6.17	5.13	4.91	4.63	4.67	4.41	4.42	4.31	4.65	6.22	7.47	8.85	7.80	7.30	6.14	5.77	5.26	
ADK RESOURCE___RCVRY 23798																									
	89.67	82.70	78.16	79.48	85.09	80.27	89.68	84.76	74.80	69.84	67.39	68.06	69.58	67.83	68.03	69.61	86.50	103.76	118.74	107.07	101.45	87.40	82.03	78.57	
	7.33	6.69	6.25	6.36	6.66	6.49	7.26	6.64	5.48	5.23	4.88	4.93	4.68	4.67	4.63	4.98	6.70	8.04	9.50	8.38	7.86	6.55	6.14	5.55	
ADK S GLENS___FALLS 24028																									
	89.18	82.24	77.81	79.12	84.62	79.82	89.27	84.30	74.45	69.52	67.14	67.80	69.32	67.58	67.71	69.29	86.03	103.18	118.09	106.48	100.89	86.99	81.65	78.28	
	6.83	6.23	5.90	6.00	6.20	6.05	6.84	6.17	5.13	4.91	4.63	4.67	4.41	4.42	4.31	4.65	6.22	7.47	8.85	7.80	7.30	6.14	5.77	5.26	
ADK_NYS___DAM 23527																									
	87.62	80.80	76.37	77.66	83.13	78.27	87.54	82.89	73.48	68.69	66.45	67.05	68.80	67.01	67.27	68.51	84.59	101.56	116.02	104.71	99.30	85.54	80.44	77.11	
	5.27	4.79	4.46	4.54	4.71	4.50	5.11	4.77	4.16	4.07	3.94	3.92	3.89	3.85	3.87	3.88	4.79	5.84	6.78	6.02	5.71	4.69	4.55	4.09	
AIR_PRODUCTS___DRP 24190																									
	84.73	78.44	74.21	75.46	80.54	75.91	84.65	80.08	70.99	66.42	64.33	64.90	66.53	64.87	65.05	65.99	81.24	97.06	110.66	99.97	94.71	82.22	77.41	74.70	
	2.39	2.43	2.30	2.34	2.12	2.14	2.23	1.95	1.66	1.81	1.81	1.77	1.62	1.71	1.65	1.36	1.44	1.34	1.42	1.28	1.12	1.37	1.52	1.68	
AKWESSNE_115KV_BK 355683																									
	82.84	76.61	72.41	73.92	79.52	74.36	82.92	78.91	70.08	65.00	62.89	63.64	65.49	63.73	63.91	65.28	80.76	96.29	109.79	99.28	94.15	81.98	76.80	74.19	
	0.49	0.61	0.50	0.80	1.10	0.59	0.49	0.78	0.76	0.39	0.38	0.51	0.58	0.57	0.51	0.65	0.96	0.57	0.55	0.59	0.56	1.13	0.91	1.17	
ALBANY_1_SOLAR 323833																									
	86.05	79.58	75.29	76.56	81.80	77.10	85.97	81.10	71.75	66.87	64.70	65.28	66.98	65.31	65.56	66.76	82.52	98.78	112.84	101.94	96.58	83.60	78.62	75.72	
	3.71	3.57	3.38	3.44	3.37	3.32	3.54	2.97	2.43	2.26	2.19	2.15	2.08	2.15	2.16	2.13	2.71	3.06	3.60	3.25	2.99	2.75	2.73	2.70	
ALBANY_2_SOLAR 323834																									
	86.05	79.58	75.22	76.49	81.80	77.02	85.89	81.10	71.68	66.87	64.70	65.28	66.98	65.31	65.56	66.76	82.52	98.78	112.84	101.84	96.58	83.51	78.62	75.72	
	3.71	3.57	3.31	3.37	3.37	3.24	3.46	2.97	2.36	2.26	2.19	2.15	2.08	2.15	2.16	2.13	2.71	3.06	3.60	3.16	2.99	2.66	2.73	2.70	
ALBANY___1 23571																									
	84.73	78.44	74.21	75.46	80.54	75.91	84.65	80.08	70.99	66.42	64.33	64.90	66.53	64.87	65.05	65.99	81.24	97.06	110.66	99.97	94.71	82.22	77.41	74.70	
	2.39	2.43	2.30	2.34	2.12	2.14	2.23	1.95	1.66	1.81	1.81	1.77	1.62	1.71	1.65	1.36	1.44	1.34	1.42	1.28	1.12	1.37	1.52	1.68	

ALBANY___2 23572	84.73 2.39 0.00	78.44 2.43 0.00	74.21 2.30 0.00	75.46 2.34 0.00	80.54 2.12 0.00	75.91 2.14 0.00	84.65 2.23 0.00	80.08 1.95 0.00	70.99 1.66 0.00	66.42 1.81 0.00	64.33 1.81 0.00	64.90 1.77 0.00	66.53 1.62 0.00	64.87 1.71 0.00	65.05 1.65 0.00	65.99 1.36 0.00	81.24 1.44 0.00	97.06 1.34 0.00	110.66 1.42 0.00	99.97 1.28 0.00	94.71 1.12 0.00	82.22 1.37 0.00	77.41 1.52 0.00	74.70 1.68 0.00
ALBANY___3 23573	84.73 2.39 0.00	78.44 2.43 0.00	74.21 2.30 0.00	75.46 2.34 0.00	80.54 2.12 0.00	75.91 2.14 0.00	84.65 2.23 0.00	80.08 1.95 0.00	70.99 1.66 0.00	66.42 1.81 0.00	64.33 1.81 0.00	64.90 1.77 0.00	66.53 1.62 0.00	64.87 1.71 0.00	65.05 1.65 0.00	65.99 1.36 0.00	81.24 1.44 0.00	97.06 1.34 0.00	110.66 1.42 0.00	99.97 1.28 0.00	94.71 1.12 0.00	82.22 1.37 0.00	77.41 1.52 0.00	74.70 1.68 0.00
ALBANY___4 23574	84.73 2.39 0.00	78.44 2.43 0.00	74.21 2.30 0.00	75.46 2.34 0.00	80.54 2.12 0.00	75.91 2.14 0.00	84.65 2.23 0.00	80.08 1.95 0.00	70.99 1.66 0.00	66.42 1.81 0.00	64.33 1.81 0.00	64.90 1.77 0.00	66.53 1.62 0.00	64.87 1.71 0.00	65.05 1.65 0.00	65.99 1.36 0.00	81.24 1.44 0.00	97.06 1.34 0.00	110.66 1.42 0.00	99.97 1.28 0.00	94.71 1.12 0.00	82.22 1.37 0.00	77.41 1.52 0.00	74.70 1.68 0.00
ALBANY___LFGE 323615	85.47 3.13 0.00	79.05 3.04 0.00	74.79 2.88 0.00	76.05 2.93 0.00	81.25 2.82 0.00	76.50 2.73 0.00	85.39 2.96 0.00	80.70 2.57 0.00	71.54 2.22 0.00	66.94 2.32 0.00	64.83 2.31 0.00	65.40 2.27 0.00	67.05 2.14 0.00	65.37 2.21 0.00	65.56 2.16 0.00	66.57 1.94 0.00	82.03 2.23 0.00	98.11 2.39 0.00	111.86 2.62 0.00	101.05 2.36 0.00	95.74 2.15 0.00	83.03 2.18 0.00	78.09 2.20 0.00	75.29 2.27 0.00
ALCOA_PA_115KV_PL-6C 55860	83.50 1.15 0.00	77.22 1.22 0.00	72.99 1.08 0.00	74.44 1.32 0.00	80.15 1.73 0.00	74.88 1.11 0.00	83.41 0.99 0.00	79.38 1.25 0.00	70.57 1.25 0.00	65.39 0.78 0.00	63.33 0.81 0.00	64.14 1.01 0.00	66.01 1.10 0.00	64.23 1.07 0.00	64.41 1.01 0.00	65.80 1.16 0.00	81.40 1.60 0.00	96.58 0.86 0.00	110.12 0.87 0.00	99.57 0.89 0.00	94.43 0.84 0.00	82.55 1.70 0.00	77.48 1.59 0.00	74.92 1.90 0.00
ALCOA_RYNLDS___DRP 24188	83.50 1.15 0.00	77.22 1.22 0.00	72.99 1.08 0.00	74.44 1.32 0.00	80.15 1.73 0.00	74.88 1.11 0.00	83.41 0.99 0.00	79.38 1.25 0.00	70.57 1.25 0.00	65.39 0.78 0.00	63.33 0.81 0.00	64.14 1.01 0.00	66.01 1.10 0.00	64.23 1.07 0.00	64.41 1.01 0.00	65.80 1.16 0.00	81.40 1.60 0.00	96.58 0.86 0.00	110.12 0.87 0.00	99.57 0.89 0.00	94.43 0.84 0.00	82.55 1.70 0.00	77.48 1.59 0.00	74.92 1.90 0.00
ALCOA___DSASP 323711	83.49 1.15 0.00	77.22 1.21 0.00	72.99 1.08 0.00	74.44 1.32 0.00	80.15 1.72 0.00	74.88 1.11 0.00	83.42 0.99 0.00	79.37 1.25 0.00	70.57 1.25 0.00	65.39 0.78 0.00	63.32 0.81 0.00	64.14 1.01 0.00	66.01 1.10 0.00	64.23 1.07 0.00	64.41 1.01 0.00	65.80 1.16 0.00	81.40 1.60 0.00	96.58 0.86 0.00	110.11 0.87 0.00	99.57 0.89 0.00	94.43 0.84 0.00	82.55 1.70 0.00	77.48 1.60 0.00	74.91 1.90 0.00
ALLEGHENY___COGEN 23514	80.94 -1.40 0.00	74.64 -1.37 0.00	70.97 -0.94 0.00	71.95 -1.17 0.00	76.78 -1.65 0.00	73.85 0.07 0.00	82.10 -0.33 0.00	77.82 -0.31 0.00	68.70 -0.63 0.00	63.90 -0.71 0.00	61.45 -1.06 0.00	61.87 -1.26 0.00	64.00 -0.91 0.00	61.90 -1.26 0.00	62.38 -1.02 0.00	63.86 -0.77 0.00	79.25 -0.55 0.00	96.58 0.86 0.00	110.11 0.87 0.00	99.08 0.40 0.00	94.62 1.03 0.00	81.09 0.24 0.00	76.57 0.68 0.00	74.04 1.02 0.00
ALTAMONT_115KV_TB 2 55880	84.90 2.55 0.00	78.36 2.36 0.00	74.14 2.23 0.00	75.39 2.27 0.00	80.70 2.27 0.00	75.91 2.14 0.00	84.82 2.39 0.00	80.24 2.11 0.00	71.19 1.87 0.00	66.49 1.87 0.00	64.33 1.81 0.00	64.90 1.77 0.00	66.66 1.75 0.00	64.93 1.77 0.00	65.18 1.78 0.00	66.31 1.68 0.00	81.88 2.07 0.00	98.02 2.30 0.00	111.97 2.73 0.00	101.05 2.37 0.00	95.84 2.25 0.00	82.79 1.94 0.00	77.78 1.90 0.00	74.77 1.75 0.00
ALTONA_WT_PWR 323606	82.26 -0.08 0.00	76.31 0.31 0.00	72.20 0.29 0.00	73.78 0.66 0.00	79.44 1.02 0.00	74.36 0.59 0.00	82.43 0.00 0.00	78.60 0.47 0.00	69.87 0.55 0.00	64.61 0.00 0.00	62.45 -0.06 0.00	63.19 0.06 0.00	65.17 0.26 0.00	63.35 0.19 0.00	63.59 0.19 0.00	65.15 0.51 0.00	81.00 1.20 0.00	96.87 1.15 0.00	110.66 1.42 0.00	100.17 1.48 0.00	95.00 1.41 0.00	82.79 1.94 0.00	77.63 1.75 0.00	75.43 2.41 0.00
AMERICAN_REF_FUEL 24010	73.28 -9.06 0.00	67.49 -8.51 0.00	64.79 -7.12 0.00	65.59 -7.53 0.00	69.88 -8.55 0.00	67.21 -6.57 0.00	73.85 -8.57 0.00	69.45 -8.67 0.00	61.56 -7.76 0.00	57.83 -6.78 0.00	55.88 -6.63 0.00	56.38 -6.75 0.00	58.16 -6.75 0.00	56.34 -6.82 0.00	56.68 -6.72 0.00	57.46 -7.18 0.00	70.06 -9.74 0.00	84.33 -11.39 0.00	95.48 -13.77 0.00	86.45 -12.24 0.00	83.29 -10.30 0.00	71.47 -9.38 0.00	68.60 -7.29 0.00	67.32 -5.70 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	76.66 -5.68 0.00	70.46 -5.55 0.00	67.81 -4.10 0.00	68.66 -4.46 0.00	73.41 -5.02 0.00	70.82 -2.95 0.00	78.14 -4.29 0.00	73.91 -4.22 0.00	65.51 -3.81 0.00	61.71 -2.91 0.00	59.76 -2.75 0.00	60.35 -2.78 0.00	62.24 -2.66 0.00	60.26 -2.90 0.00	60.74 -2.66 0.00	61.86 -2.78 0.00	75.81 -3.99 0.00	91.41 -4.31 0.00	103.78 -5.46 0.00	93.75 -4.93 0.00	89.84 -3.75 0.00	76.56 -4.29 0.00	73.00 -2.88 0.00	70.98 -2.04 0.00
ARTHUR KILL_GT_1 23520	115.90 3.87 -29.69	106.43 3.27 -27.15	101.15 2.88 -26.36	102.48 2.93 -26.43	105.88 2.82 -24.64	89.19 2.43 -12.98	101.47 3.13 -15.91	93.26 2.89 -12.25	97.66 2.84 -25.50	96.95 3.04 -29.30	88.72 2.82 -23.39	68.21 2.65 -2.43	69.99 2.79 -2.29	91.18 2.78 -25.24	90.18 2.79 -23.99	82.56 2.91 -15.02	151.66 3.43 -68.43	421.00 4.11 -321.17	315.33 5.14 -200.96	424.40 4.54 -321.17	297.73 4.22 -199.92	184.28 3.32 -100.11	84.69 3.19 -5.61	75.43 2.41 0.00
ARTHUR_KILL_2 23512	115.65 3.62 -29.69	106.20 3.04 -27.15	100.93 2.66 -26.36	102.26 2.71 -26.43	105.73 2.67 -24.64	89.04 2.29 -12.98	101.22 2.88 -15.91	93.03 2.66 -12.25	97.52 2.70 -25.50	96.76 2.84 -29.30	88.53 2.63 -23.39	68.09 2.53 -2.43	69.80 2.60 -2.29	91.05 2.65 -25.24	89.99 2.60 -23.99	82.37 2.71 -15.02	151.43 3.20 -68.43	420.72 3.83 -321.17	315.00 4.80 -200.96	424.10 4.24 -321.17	297.44 3.93 -199.92	184.03 3.07 -100.11	84.46 2.96 -5.61	75.21 2.19 0.00
ARTHUR_KILL_3 23513	71.58 3.30 14.06	67.41 2.89 11.48	65.38 2.58 9.11	65.87 2.63 9.88	65.38 2.67 15.71	65.38 2.36 10.75	67.41 2.88 17.90	67.41 2.66 13.37	67.89 2.49 3.92	67.89 2.71 -0.56	67.89 2.50 -2.87	67.89 2.34 -2.42	69.33 2.14 -2.28	69.33 2.21 -3.96	69.33 2.22 -3.71	69.62 2.26 -2.73	70.62 2.71 11.90	71.33 3.15 27.54	71.33 4.04 41.96	71.33 3.55 30.90	71.33 3.27 25.53	71.33 2.42 11.94	69.62 2.43 8.70	69.33 1.68 5.37

ARTHUR_KILL_COGEN 323718	115.90 3.87 -29.69	106.43 3.27 -27.15	101.15 2.88 -26.36	102.48 2.93 -26.43	105.88 2.82 -24.64	89.19 2.43 -12.98	101.47 3.13 -15.91	93.26 2.89 -12.25	97.66 2.84 -25.50	96.95 3.04 -29.30	88.72 2.82 -23.39	68.21 2.65 -2.43	69.99 2.79 -2.29	91.18 2.78 -25.24	90.18 2.79 -23.99	82.56 2.91 -15.02	151.66 3.43 -68.43	421.00 4.11 -321.17	315.33 5.14 -200.96	424.40 4.54 -321.17	297.73 4.22 -199.92	184.28 3.32 -100.11	84.69 3.19 -5.61	75.43 2.41 0.00
ASHOKAN____ 23654	87.62 5.27 0.00	81.02 5.02 0.00	76.80 4.89 0.00	78.02 4.90 0.00	83.60 5.17 0.00	78.42 4.65 0.00	87.62 5.20 0.00	82.42 4.29 0.00	73.13 3.81 0.00	67.84 3.23 0.00	65.51 3.00 0.00	65.66 2.53 0.00	67.51 2.60 0.00	65.87 2.71 0.00	66.12 2.72 0.00	67.67 3.04 0.00	84.03 4.23 0.00	101.17 5.45 0.00	115.69 6.44 0.00	104.51 5.82 0.00	98.83 5.24 0.00	85.21 4.36 0.00	79.98 4.10 0.00	76.60 3.58 0.00
ASTORIA_EAST_ENERGY_CC1 323581	86.21 3.87 0.00	79.27 3.27 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.17 2.74 0.00	75.84 2.06 0.00	84.98 2.56 0.01	80.54 2.42 0.01	71.81 2.49 0.01	67.38 2.78 0.01	65.13 2.63 0.01	65.58 2.46 0.01	67.36 2.47 0.01	65.68 2.53 0.01	65.93 2.54 0.01	67.21 2.59 0.01	82.66 2.87 0.01	99.15 3.44 0.01	113.49 4.26 0.01	102.43 3.75 0.01	97.05 3.46 0.01	83.43 2.59 0.01	78.39 2.50 0.00	75.06 2.04 0.00
ASTORIA_EAST_ENERGY_CC2 323582	86.21 3.87 0.00	79.27 3.27 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.17 2.74 0.00	75.84 2.06 0.00	84.98 2.56 0.01	80.54 2.42 0.01	71.81 2.49 0.01	67.38 2.78 0.01	65.13 2.63 0.01	65.58 2.46 0.01	67.36 2.47 0.01	65.68 2.53 0.01	65.93 2.54 0.01	67.21 2.59 0.01	82.66 2.87 0.01	99.15 3.44 0.01	113.49 4.26 0.01	102.43 3.75 0.01	97.05 3.46 0.01	83.43 2.59 0.01	78.39 2.50 0.00	75.06 2.04 0.00
ASTORIA_GT2_1 24094	86.21 3.87 0.00	79.27 3.27 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	75.91 2.14 0.00	85.06 2.64 0.00	80.63 2.50 0.00	71.89 2.56 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.75 2.95 0.00	99.16 3.45 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.44 2.59 0.00	78.47 2.58 0.00	75.14 2.12 0.00
ASTORIA_GT2_2 24095	86.21 3.87 0.00	79.27 3.27 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	75.91 2.14 0.00	85.06 2.64 0.00	80.63 2.50 0.00	71.89 2.56 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.75 2.95 0.00	99.16 3.45 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.44 2.59 0.00	78.47 2.58 0.00	75.14 2.12 0.00
ASTORIA_GT2_3 24096	86.21 3.87 0.00	79.27 3.27 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	75.91 2.14 0.00	85.06 2.64 0.00	80.63 2.50 0.00	71.89 2.56 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.75 2.95 0.00	99.16 3.45 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.44 2.59 0.00	78.47 2.58 0.00	75.14 2.12 0.00
ASTORIA_GT2_4 24097	86.21 3.87 0.00	79.27 3.27 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	75.91 2.14 0.00	85.06 2.64 0.00	80.63 2.50 0.00	71.89 2.56 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.75 2.95 0.00	99.16 3.45 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.44 2.59 0.00	78.47 2.58 0.00	75.14 2.12 0.00
ASTORIA_GT3_1 24098	86.21 3.87 0.00	79.27 3.27 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	75.91 2.14 0.00	85.06 2.64 0.00	80.63 2.50 0.00	71.89 2.56 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.75 2.95 0.00	99.16 3.45 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.44 2.59 0.00	78.47 2.58 0.00	75.14 2.12 0.00
ASTORIA_GT3_2 24099	86.21 3.87 0.00	79.27 3.27 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	75.91 2.14 0.00	85.06 2.64 0.00	80.63 2.50 0.00	71.89 2.56 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.75 2.95 0.00	99.16 3.45 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.44 2.59 0.00	78.47 2.58 0.00	75.14 2.12 0.00
ASTORIA_GT3_3 24100	86.21 3.87 0.00	79.27 3.27 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	75.91 2.14 0.00	85.06 2.64 0.00	80.63 2.50 0.00	71.89 2.56 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.75 2.95 0.00	99.16 3.45 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.44 2.59 0.00	78.47 2.58 0.00	75.14 2.12 0.00
ASTORIA_GT3_4 24101	86.21 3.87 0.00	79.27 3.27 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	75.91 2.14 0.00	85.06 2.64 0.00	80.63 2.50 0.00	71.89 2.56 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.75 2.95 0.00	99.16 3.45 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.44 2.59 0.00	78.47 2.58 0.00	75.14 2.12 0.00
ASTORIA_GT4_1 24102	86.21 3.87 0.00	79.27 3.27 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	75.91 2.14 0.00	85.06 2.64 0.00	80.63 2.50 0.00	71.89 2.56 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.75 2.95 0.00	99.16 3.45 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.44 2.59 0.00	78.47 2.58 0.00	75.14 2.12 0.00
ASTORIA_GT4_2 24103	86.21 3.87 0.00	79.27 3.27 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	75.91 2.14 0.00	85.06 2.64 0.00	80.63 2.50 0.00	71.89 2.56 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.75 2.95 0.00	99.16 3.45 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.44 2.59 0.00	78.47 2.58 0.00	75.14 2.12 0.00
ASTORIA_GT4_3 24104	86.21 3.87 0.00	79.27 3.27 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	75.91 2.14 0.00	85.06 2.64 0.00	80.63 2.50 0.00	71.89 2.56 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.75 2.95 0.00	99.16 3.45 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.44 2.59 0.00	78.47 2.58 0.00	75.14 2.12 0.00

ASTORIA_GT4_4 24105	86.21 3.87 0.00	79.27 3.27 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	75.91 2.14 0.00	85.06 2.64 0.00	80.63 2.50 0.00	71.89 2.56 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.75 2.95 0.00	99.16 3.45 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.44 2.59 0.00	78.47 2.58 0.00	75.14 2.12 0.00
ASTORIA_GT_1 23523	86.38 4.03 0.00	79.43 3.42 0.00	74.86 2.95 0.00	76.19 3.07 0.00	81.41 2.98 0.00	75.98 2.21 0.00	85.13 2.72 0.01	80.69 2.57 0.01	72.01 2.70 0.01	67.52 2.91 0.01	65.25 2.75 0.01	65.71 2.59 0.01	67.56 2.66 0.01	65.87 2.71 0.01	66.05 2.66 0.01	67.34 2.71 0.01	82.90 3.11 0.01	99.35 3.64 0.01	113.82 4.59 0.01	102.73 4.05 0.01	97.33 3.75 0.01	83.59 2.75 0.01	78.62 2.73 0.00	75.21 2.19 0.00
ASTORIA_GT_10 24110	86.30 3.95 0.00	79.50 3.50 0.00	75.00 3.09 0.00	76.34 3.22 0.00	81.56 3.14 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.10 2.97 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.51 3.00 0.00	65.91 2.78 0.00	67.70 2.79 0.00	66.00 2.84 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.15 3.35 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.03 4.34 0.00	97.61 4.02 0.00	84.00 3.15 0.00	79.00 3.11 0.00	75.43 2.41 0.00
ASTORIA_GT_11 24225	86.30 3.95 0.00	79.50 3.50 0.00	75.00 3.09 0.00	76.34 3.22 0.00	81.56 3.14 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.10 2.97 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.51 3.00 0.00	65.91 2.78 0.00	67.70 2.79 0.00	66.00 2.84 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.15 3.35 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.03 4.34 0.00	97.61 4.02 0.00	84.00 3.15 0.00	79.00 3.11 0.00	75.43 2.41 0.00
ASTORIA_GT_12 24226	86.30 3.95 0.00	79.50 3.50 0.00	75.00 3.09 0.00	76.34 3.22 0.00	81.56 3.14 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.10 2.97 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.51 3.00 0.00	65.91 2.78 0.00	67.70 2.79 0.00	66.00 2.84 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.15 3.35 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.03 4.34 0.00	97.61 4.02 0.00	84.00 3.15 0.00	79.00 3.11 0.00	75.43 2.41 0.00
ASTORIA_GT_13 24227	86.30 3.95 0.00	79.50 3.50 0.00	75.00 3.09 0.00	76.34 3.22 0.00	81.56 3.14 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.10 2.97 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.51 3.00 0.00	65.91 2.78 0.00	67.70 2.79 0.00	66.00 2.84 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.15 3.35 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.03 4.34 0.00	97.61 4.02 0.00	84.00 3.15 0.00	79.00 3.11 0.00	75.43 2.41 0.00
ASTORIA_GT_5 24106	86.38 4.03 0.00	79.43 3.42 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.41 2.98 0.00	75.99 2.21 0.00	85.15 2.72 0.00	80.71 2.58 0.00	72.03 2.70 0.00	67.52 2.91 0.00	65.33 2.81 0.00	65.72 2.59 0.00	67.57 2.66 0.00	65.88 2.72 0.00	66.06 2.66 0.00	67.35 2.71 0.00	82.91 3.11 0.00	99.36 3.64 0.00	113.83 4.59 0.00	102.73 4.05 0.00	97.33 3.74 0.00	83.60 2.75 0.00	78.62 2.73 0.00	75.21 2.19 0.00
ASTORIA_GT_7 24107	86.38 4.03 0.00	79.43 3.42 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.41 2.98 0.00	75.99 2.21 0.00	85.15 2.72 0.00	80.71 2.58 0.00	72.03 2.70 0.00	67.52 2.91 0.00	65.33 2.81 0.00	65.72 2.59 0.00	67.57 2.66 0.00	65.88 2.72 0.00	66.06 2.66 0.00	67.35 2.71 0.00	82.91 3.11 0.00	99.36 3.64 0.00	113.83 4.59 0.00	102.73 4.05 0.00	97.33 3.74 0.00	83.60 2.75 0.00	78.62 2.73 0.00	75.21 2.19 0.00
ASTORIA_GT_8 24108	86.38 4.03 0.00	79.43 3.42 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.41 2.98 0.00	75.99 2.21 0.00	85.15 2.72 0.00	80.71 2.58 0.00	72.03 2.70 0.00	67.52 2.91 0.00	65.33 2.81 0.00	65.72 2.59 0.00	67.57 2.66 0.00	65.88 2.72 0.00	66.06 2.66 0.00	67.35 2.71 0.00	82.91 3.11 0.00	99.36 3.64 0.00	113.83 4.59 0.00	102.73 4.05 0.00	97.33 3.74 0.00	83.60 2.75 0.00	78.62 2.73 0.00	75.21 2.19 0.00
ASTORIA___2 24149	86.21 3.87 0.00	79.27 3.27 0.00	74.79 2.88 0.00	76.05 2.93 0.00	81.25 2.82 0.00	75.91 2.14 0.00	85.05 2.64 0.01	80.62 2.50 0.01	71.88 2.57 0.01	67.38 2.78 0.01	65.13 2.63 0.01	65.58 2.46 0.01	67.43 2.53 0.01	65.74 2.59 0.01	65.93 2.54 0.01	67.21 2.59 0.01	82.75 2.95 0.01	99.15 3.44 0.01	113.61 4.37 0.01	102.52 3.84 0.01	97.14 3.56 0.01	83.43 2.59 0.01	78.47 2.58 0.00	75.14 2.12 0.00
ASTORIA___3 23516	86.29 3.95 0.00	79.50 3.50 0.00	75.00 3.09 0.00	76.33 3.21 0.00	81.57 3.14 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.10 2.97 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.45 2.94 0.00	65.91 2.77 0.00	67.70 2.79 0.00	66.01 2.84 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.15 3.35 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.02 4.34 0.00	97.61 4.02 0.00	84.00 3.15 0.00	79.00 3.11 0.00	75.43 2.41 0.00
ASTORIA___4 23517	86.30 3.95 0.00	79.50 3.50 0.00	75.00 3.09 0.00	76.34 3.22 0.00	81.56 3.14 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.10 2.97 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.51 3.00 0.00	65.91 2.78 0.00	67.70 2.79 0.00	66.00 2.84 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.15 3.35 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.03 4.34 0.00	97.61 4.02 0.00	84.00 3.15 0.00	79.00 3.11 0.00	75.43 2.41 0.00
ASTORIA___5 23518	86.29 3.95 0.00	79.50 3.50 0.00	75.00 3.09 0.00	76.33 3.21 0.00	81.57 3.14 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.10 2.97 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.45 2.94 0.00	65.91 2.77 0.00	67.70 2.79 0.00	66.01 2.84 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.15 3.35 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.02 4.34 0.00	97.61 4.02 0.00	84.00 3.15 0.00	79.00 3.11 0.00	75.43 2.41 0.00
AST_ENERGY_2_CC3 323677	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.66 2.53 0.00	67.44 2.53 0.00	65.69 2.53 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.91 3.11 0.00	99.45 3.73 0.00	113.83 4.59 0.00	102.73 4.05 0.00	97.34 3.75 0.00	83.76 2.91 0.00	78.70 2.81 0.00	75.14 2.12 0.00
AST_ENERGY_2_CC4 323678	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.66 2.53 0.00	67.44 2.53 0.00	65.69 2.53 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.91 3.11 0.00	99.45 3.73 0.00	113.83 4.59 0.00	102.73 4.05 0.00	97.34 3.75 0.00	83.76 2.91 0.00	78.70 2.81 0.00	75.14 2.12 0.00

ATHENS_STG_1 23668	85.06 2.71 0.00	78.44 2.43 0.00	74.14 2.23 0.00	75.39 2.27 0.00	80.78 2.35 0.00	75.98 2.21 0.00	84.98 2.56 0.00	80.39 2.27 0.00	71.33 2.01 0.00	66.68 2.07 0.00	64.45 1.94 0.00	65.09 1.96 0.00	66.79 1.88 0.00	65.12 1.96 0.00	65.30 1.90 0.00	66.51 1.88 0.00	82.03 2.23 0.00	98.39 2.68 0.00	112.52 3.27 0.00	101.55 2.86 0.00	96.31 2.72 0.00	83.03 2.18 0.00	78.01 2.12 0.00	74.77 1.75 0.00
ATHENS_STG_2 23670	85.06 2.71 0.00	78.44 2.43 0.00	74.14 2.23 0.00	75.39 2.27 0.00	80.78 2.35 0.00	75.98 2.21 0.00	84.98 2.56 0.00	80.39 2.27 0.00	71.33 2.01 0.00	66.68 2.07 0.00	64.45 1.94 0.00	65.09 1.96 0.00	66.79 1.88 0.00	65.12 1.96 0.00	65.30 1.90 0.00	66.51 1.88 0.00	82.03 2.23 0.00	98.39 2.68 0.00	112.52 3.27 0.00	101.55 2.86 0.00	96.31 2.72 0.00	83.03 2.18 0.00	78.01 2.12 0.00	74.77 1.75 0.00
ATHENS_STG_3 23677	85.06 2.71 0.00	78.44 2.43 0.00	74.14 2.23 0.00	75.39 2.27 0.00	80.78 2.35 0.00	75.98 2.21 0.00	84.98 2.56 0.00	80.39 2.27 0.00	71.33 2.01 0.00	66.68 2.07 0.00	64.45 1.94 0.00	65.09 1.96 0.00	66.79 1.88 0.00	65.12 1.96 0.00	65.30 1.90 0.00	66.51 1.88 0.00	82.03 2.23 0.00	98.39 2.68 0.00	112.52 3.27 0.00	101.55 2.86 0.00	96.31 2.72 0.00	83.03 2.18 0.00	78.01 2.12 0.00	74.77 1.75 0.00
AUBURN___LFGE 323710	80.78 -1.56 0.00	74.49 -1.52 0.00	70.47 -1.44 0.00	71.51 -1.61 0.00	76.70 -1.73 0.00	72.59 -1.18 0.00	81.02 -1.40 0.00	76.88 -1.25 0.00	68.21 -1.11 0.00	63.71 -0.90 0.00	61.64 -0.88 0.00	62.18 -0.95 0.00	64.06 -0.84 0.00	62.21 -0.95 0.00	62.58 -0.82 0.00	63.79 -0.84 0.00	78.76 -1.04 0.00	95.43 -0.29 0.00	108.70 -0.55 0.00	98.09 -0.59 0.00	93.12 -0.47 0.00	80.12 -0.73 0.00	75.13 -0.76 0.00	72.22 -0.80 0.00
BABYLON_RES_REC 323704	96.88 5.60 -8.93	100.15 5.02 -19.13	87.40 4.61 -10.89	84.35 4.68 -6.55	83.79 4.86 -0.50	94.75 4.58 -16.40	101.79 5.35 -14.01	102.48 4.92 -19.43	84.10 4.37 -10.41	81.28 4.33 -12.34	66.64 4.12 0.00	66.79 3.66 0.00	68.60 3.70 0.00	66.76 3.60 0.00	67.14 3.74 0.00	68.77 4.14 0.00	95.78 5.18 -10.80	138.25 6.32 -36.22	136.51 7.43 -19.84	126.19 6.71 -20.79	116.92 6.27 -17.06	101.65 5.10 -15.70	94.85 4.86 -14.10	92.15 4.09 -15.04
BABYLON__69_KV_BK2 356345	97.86 6.59 -8.93	101.07 5.93 -19.13	88.26 5.47 -10.89	85.23 5.56 -6.55	84.73 5.80 -0.50	95.71 5.53 -16.40	102.78 6.35 -14.01	103.41 5.86 -19.43	84.86 5.13 -10.41	81.99 5.04 -12.34	67.39 4.88 0.00	67.42 4.29 0.00	69.32 4.41 0.00	67.39 4.23 0.00	67.84 4.44 0.00	69.48 4.85 0.00	96.74 6.14 -10.80	139.50 7.56 -36.22	137.93 8.85 -19.84	127.37 7.89 -20.79	118.13 7.49 -17.06	102.70 6.14 -15.70	95.83 5.84 -14.10	93.10 5.04 -15.04
BALL_HILL_WT_PWR 323825	76.50 -5.84 0.00	70.38 -5.62 0.00	67.60 -4.31 0.00	68.44 -4.68 0.00	73.02 -5.41 0.00	70.31 -3.47 0.00	77.48 -4.94 0.00	73.13 -5.00 0.00	64.74 -4.58 0.00	60.86 -3.75 0.00	58.82 -3.69 0.00	59.41 -3.72 0.00	61.27 -3.63 0.00	59.37 -3.79 0.00	59.79 -3.61 0.00	60.76 -3.88 0.00	74.37 -5.43 0.00	89.69 -6.03 0.00	101.81 -7.43 0.00	92.08 -6.61 0.00	88.35 -5.24 0.00	75.60 -5.25 0.00	72.25 -3.64 0.00	70.46 -2.56 0.00
BARON_WINDS___WT_PWR 323822	78.39 -3.95 0.00	72.28 -3.72 0.00	68.96 -2.95 0.00	69.83 -3.29 0.00	74.74 -3.68 0.00	71.41 -2.36 0.00	79.29 -3.13 0.00	75.00 -3.13 0.00	66.34 -2.98 0.00	61.96 -2.65 0.00	59.95 -2.57 0.00	60.54 -2.59 0.00	62.51 -2.40 0.00	60.63 -2.53 0.00	61.06 -2.34 0.00	62.24 -2.39 0.00	76.69 -3.11 0.00	92.65 -3.07 0.00	105.42 -3.83 0.00	95.23 -3.46 0.00	90.97 -2.62 0.00	78.02 -2.83 0.00	73.84 -2.05 0.00	71.48 -1.54 0.00
BARRETT_IC_1 23704	96.05 4.77 -8.93	99.39 4.25 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.08 3.91 -16.40	100.88 4.45 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	94.74 4.15 -10.80	136.82 4.88 -36.22	134.98 5.90 -19.84	124.80 5.33 -20.79	115.51 4.86 -17.06	100.43 3.88 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04
BARRETT_IC_10 23701	96.05 4.77 -8.93	99.39 4.25 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.08 3.91 -16.40	100.88 4.45 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	94.74 4.15 -10.80	136.82 4.88 -36.22	134.98 5.90 -19.84	124.80 5.33 -20.79	115.51 4.86 -17.06	100.43 3.88 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04
BARRETT_IC_11 23702	96.05 4.77 -8.93	99.39 4.25 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.08 3.91 -16.40	100.88 4.45 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	94.74 4.15 -10.80	136.82 4.88 -36.22	134.98 5.90 -19.84	124.80 5.33 -20.79	115.51 4.86 -17.06	100.43 3.88 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04
BARRETT_IC_12 23703	96.05 4.77 -8.93	99.39 4.25 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.08 3.91 -16.40	100.88 4.45 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	94.74 4.15 -10.80	136.82 4.88 -36.22	134.98 5.90 -19.84	124.80 5.33 -20.79	115.51 4.86 -17.06	100.43 3.88 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04
BARRETT_IC_2 23705	96.05 4.77 -8.93	99.39 4.25 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.08 3.91 -16.40	100.88 4.45 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	94.74 4.15 -10.80	136.82 4.88 -36.22	134.98 5.90 -19.84	124.80 5.33 -20.79	115.51 4.86 -17.06	100.43 3.88 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04
BARRETT_IC_3 23706	96.05 4.77 -8.93	99.39 4.25 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.08 3.91 -16.40	100.88 4.45 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	94.74 4.15 -10.80	136.82 4.88 -36.22	134.98 5.90 -19.84	124.80 5.33 -20.79	115.51 4.86 -17.06	100.43 3.88 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04
BARRETT_IC_4 23707	96.05 4.77 -8.93	99.39 4.25 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.08 3.91 -16.40	100.88 4.45 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	94.74 4.15 -10.80	136.82 4.88 -36.22	134.98 5.90 -19.84	124.80 5.33 -20.79	115.51 4.86 -17.06	100.43 3.88 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04

BARRETT_IC_5 23708	96.05 4.77 -8.93	99.39 4.25 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.08 3.91 -16.40	100.88 4.45 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	94.74 4.15 -10.80	136.82 4.88 -36.22	134.98 5.90 -19.84	124.80 5.33 -20.79	115.51 4.86 -17.06	100.43 3.88 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04
BARRETT_IC_6 23709	96.05 4.77 -8.93	99.39 4.25 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.08 3.91 -16.40	100.88 4.45 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	94.74 4.15 -10.80	136.82 4.88 -36.22	134.98 5.90 -19.84	124.80 5.33 -20.79	115.51 4.86 -17.06	100.43 3.88 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04
BARRETT_IC_7 23710	96.05 4.78 -8.93	99.40 4.26 -19.13	86.82 4.03 -10.89	83.76 4.09 -6.55	83.16 4.24 -0.50	94.08 3.91 -16.40	100.88 4.45 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.26 3.75 0.00	66.48 3.35 0.00	68.28 3.38 0.00	66.45 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	94.75 4.15 -10.80	136.82 4.88 -36.22	135.09 6.01 -19.84	124.81 5.33 -20.79	115.51 4.87 -17.06	100.43 3.88 -15.70	93.86 3.87 -14.10	91.20 3.14 -15.04
BARRETT_IC_8 23711	96.05 4.77 -8.93	99.39 4.25 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.08 3.91 -16.40	100.88 4.45 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	94.74 4.15 -10.80	136.82 4.88 -36.22	134.98 5.90 -19.84	124.80 5.33 -20.79	115.51 4.86 -17.06	100.43 3.88 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04
BARRETT_IC_9 23700	96.05 4.77 -8.93	99.39 4.25 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.08 3.91 -16.40	100.88 4.45 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	94.74 4.15 -10.80	136.82 4.88 -36.22	134.98 5.90 -19.84	124.80 5.33 -20.79	115.51 4.86 -17.06	100.43 3.88 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04
BARRETT___1 23545	96.05 4.77 -8.93	99.39 4.25 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.08 3.91 -16.40	100.88 4.45 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	94.74 4.15 -10.80	136.82 4.88 -36.22	134.98 5.90 -19.84	124.80 5.33 -20.79	115.51 4.86 -17.06	100.43 3.88 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04
BARRETT___2 23546	96.05 4.77 -8.93	99.39 4.25 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.08 3.91 -16.40	100.88 4.45 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	94.74 4.15 -10.80	136.82 4.88 -36.22	134.98 5.90 -19.84	124.80 5.33 -20.79	115.51 4.86 -17.06	100.43 3.88 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04
BATAVIA__115KV_TB1 55881	76.58 -5.76 0.00	70.61 -5.40 0.00	67.52 -4.39 0.00	68.44 -4.68 0.00	72.86 -5.57 0.00	70.23 -3.54 0.00	77.48 -4.95 0.00	73.13 -5.00 0.00	64.75 -4.58 0.00	60.67 -3.94 0.00	58.45 -4.06 0.00	59.03 -4.10 0.00	60.95 -3.96 0.00	58.99 -4.17 0.00	59.41 -3.99 0.00	60.37 -4.27 0.00	73.98 -5.83 0.00	89.59 -6.13 0.00	101.70 -7.54 0.00	91.78 -6.91 0.00	88.07 -5.52 0.00	75.51 -5.34 0.00	72.09 -3.79 0.00	70.32 -2.70 0.00
BAYONEEC___CTG1 323682	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.66 2.53 0.00	67.37 2.47 0.00	65.69 2.53 0.00	65.94 2.54 0.00	67.22 2.59 0.00	77.30 3.11 5.61	83.80 3.64 15.55	79.64 4.59 34.19	84.85 4.05 17.89	79.64 3.75 17.70	78.13 2.91 5.63	74.60 2.81 4.10	72.53 2.04 2.53
BAYONEEC___CTG10 323750	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.66 2.53 0.00	67.37 2.47 0.00	65.69 2.53 0.00	65.94 2.54 0.00	67.22 2.59 0.00	77.30 3.11 5.61	83.80 3.64 15.55	79.64 4.59 34.19	84.85 4.05 17.89	79.64 3.75 17.70	78.13 2.91 5.63	74.60 2.81 4.10	72.53 2.04 2.53
BAYONEEC___CTG2 323683	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.66 2.53 0.00	67.37 2.47 0.00	65.69 2.53 0.00	65.94 2.54 0.00	67.22 2.59 0.00	77.30 3.11 5.61	83.80 3.64 15.55	79.64 4.59 34.19	84.85 4.05 17.89	79.64 3.75 17.70	78.13 2.91 5.63	74.60 2.81 4.10	72.53 2.04 2.53
BAYONEEC___CTG3 323684	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.66 2.53 0.00	67.37 2.47 0.00	65.69 2.53 0.00	65.94 2.54 0.00	67.22 2.59 0.00	77.30 3.11 5.61	83.80 3.64 15.55	79.64 4.59 34.19	84.85 4.05 17.89	79.64 3.75 17.70	78.13 2.91 5.63	74.60 2.81 4.10	72.53 2.04 2.53
BAYONEEC___CTG4 323685	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.66 2.53 0.00	67.37 2.47 0.00	65.69 2.53 0.00	65.94 2.54 0.00	67.22 2.59 0.00	77.30 3.11 5.61	83.80 3.64 15.55	79.64 4.59 34.19	84.85 4.05 17.89	79.64 3.75 17.70	78.13 2.91 5.63	74.60 2.81 4.10	72.53 2.04 2.53
BAYONEEC___CTG5 323686	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.66 2.53 0.00	67.37 2.47 0.00	65.69 2.53 0.00	65.94 2.54 0.00	67.22 2.59 0.00	77.30 3.11 5.61	83.80 3.64 15.55	79.64 4.59 34.19	84.85 4.05 17.89	79.64 3.75 17.70	78.13 2.91 5.63	74.60 2.81 4.10	72.53 2.04 2.53
BAYONEEC___CTG6 323687	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.66 2.53 0.00	67.37 2.47 0.00	65.69 2.53 0.00	65.94 2.54 0.00	67.22 2.59 0.00	77.30 3.11 5.61	83.80 3.64 15.55	79.64 4.59 34.19	84.85 4.05 17.89	79.64 3.75 17.70	78.13 2.91 5.63	74.60 2.81 4.10	72.53 2.04 2.53

BAYONEEC___CTG7 323688	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.66 2.53 0.00	67.37 2.47 0.00	65.69 2.53 0.00	65.94 2.54 0.00	67.22 2.59 0.00	77.30 3.11 5.61	83.80 3.64 15.55	79.64 4.59 34.19	84.85 4.05 17.89	79.64 3.75 17.70	78.13 2.91 5.63	74.60 2.81 4.10	72.53 2.04 2.53
BAYONEEC___CTG8 323689	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.66 2.53 0.00	67.37 2.47 0.00	65.69 2.53 0.00	65.94 2.54 0.00	67.22 2.59 0.00	77.30 3.11 5.61	83.80 3.64 15.55	79.64 4.59 34.19	84.85 4.05 17.89	79.64 3.75 17.70	78.13 2.91 5.63	74.60 2.81 4.10	72.53 2.04 2.53
BAYONEEC___CTG9 323749	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.66 2.53 0.00	67.37 2.47 0.00	65.69 2.53 0.00	65.94 2.54 0.00	67.22 2.59 0.00	77.30 3.11 5.61	83.80 3.64 15.55	79.64 4.59 34.19	84.85 4.05 17.89	79.64 3.75 17.70	78.13 2.91 5.63	74.60 2.81 4.10	72.53 2.04 2.53
BEACON___LESR 323632	86.21 3.87 0.00	79.80 3.80 0.00	75.43 3.52 0.00	76.70 3.58 0.00	81.96 3.53 0.00	77.24 3.47 0.00	86.22 3.79 0.00	81.48 3.36 0.00	72.16 2.84 0.00	67.45 2.84 0.00	65.33 2.82 0.00	65.91 2.77 0.00	67.51 2.60 0.00	65.81 2.65 0.00	66.06 2.66 0.00	67.09 2.46 0.00	82.83 3.03 0.00	98.97 3.26 0.00	112.96 3.72 0.00	102.04 3.36 0.00	96.67 3.08 0.00	83.76 2.91 0.00	78.77 2.88 0.00	75.94 2.92 0.00
BEAVER RIVER___HYD 24048	84.98 2.63 0.00	78.44 2.43 0.00	74.00 2.09 0.00	75.02 1.90 0.00	81.01 2.58 0.00	75.77 1.99 0.00	84.73 2.30 0.00	80.63 2.50 0.00	71.40 2.08 0.00	66.29 1.68 0.00	64.33 1.81 0.00	64.77 1.64 0.00	66.79 1.88 0.00	64.99 1.83 0.00	65.24 1.84 0.00	66.76 2.13 0.00	82.91 3.11 0.00	99.55 3.83 0.00	113.39 4.15 0.00	102.34 3.65 0.00	96.95 3.36 0.00	83.84 2.99 0.00	78.77 2.88 0.00	75.79 2.77 0.00
BEEBEE_GT_13 23619	77.32 -5.02 0.00	71.29 -4.71 0.00	67.88 -4.03 0.00	68.81 -4.31 0.00	73.49 -4.94 0.00	70.23 -3.54 0.00	77.89 -4.53 0.00	73.67 -4.45 0.00	65.30 -4.02 0.00	61.06 -3.55 0.00	58.95 -3.56 0.00	59.60 -3.54 0.00	61.53 -3.38 0.00	59.62 -3.54 0.00	59.91 -3.49 0.00	60.95 -3.68 0.00	74.85 -4.95 0.00	90.65 -5.07 0.00	103.13 -6.12 0.00	93.06 -5.63 0.00	88.91 -4.68 0.00	76.40 -4.45 0.00	72.40 -3.49 0.00	70.24 -2.77 0.00
BENSHRST_27_KV_BENSHRST_1 355998	116.81 4.78 -29.69	107.34 4.18 -27.15	102.01 3.74 -26.36	103.36 3.80 -26.43	106.83 3.76 -24.64	90.15 3.39 -12.98	102.38 4.04 -15.91	94.20 3.83 -12.25	98.56 3.74 -25.50	97.73 3.81 -29.30	96.34 3.75 -30.08	96.68 3.47 -30.08	70.77 3.57 -2.29	92.00 3.60 -25.24	91.00 3.61 -23.99	83.34 3.68 -15.02	152.62 4.39 -68.43	423.02 5.26 -322.04	317.24 6.45 -201.55	426.45 5.72 -322.04	299.44 5.33 -200.52	185.16 4.20 -100.11	85.60 4.10 -5.61	76.31 3.29 0.00
BETHLEHEM___GRP 23843	84.73 2.39 0.00	78.44 2.43 0.00	74.21 2.30 0.00	75.46 2.34 0.00	80.54 2.12 0.00	75.91 2.14 0.00	84.65 2.23 0.00	80.08 1.95 0.00	70.99 1.66 0.00	66.42 1.81 0.00	64.33 1.81 0.00	64.90 1.77 0.00	66.53 1.62 0.00	64.87 1.71 0.00	65.05 1.65 0.00	65.99 1.36 0.00	81.24 1.44 0.00	97.06 1.34 0.00	110.66 1.42 0.00	99.97 1.28 0.00	94.71 1.12 0.00	82.22 1.37 0.00	77.41 1.52 0.00	74.70 1.68 0.00
BETHLEHEM___GS1 323560	84.73 2.39 0.00	78.44 2.43 0.00	74.21 2.30 0.00	75.46 2.34 0.00	80.54 2.12 0.00	75.91 2.14 0.00	84.65 2.23 0.00	80.08 1.95 0.00	70.98 1.66 0.00	66.42 1.81 0.00	64.33 1.81 0.00	64.90 1.77 0.00	66.53 1.62 0.00	64.87 1.71 0.00	65.05 1.65 0.00	65.99 1.36 0.00	81.24 1.44 0.00	97.06 1.34 0.00	110.66 1.42 0.00	99.97 1.28 0.00	94.72 1.13 0.00	82.22 1.37 0.00	77.40 1.52 0.00	74.70 1.68 0.00
BETHLEHEM___GS2 323561	84.73 2.39 0.00	78.44 2.43 0.00	74.21 2.30 0.00	75.46 2.34 0.00	80.54 2.12 0.00	75.91 2.14 0.00	84.65 2.23 0.00	80.08 1.95 0.00	70.98 1.66 0.00	66.42 1.81 0.00	64.33 1.81 0.00	64.90 1.77 0.00	66.53 1.62 0.00	64.87 1.71 0.00	65.05 1.65 0.00	65.99 1.36 0.00	81.24 1.44 0.00	97.06 1.34 0.00	110.66 1.42 0.00	99.97 1.28 0.00	94.72 1.13 0.00	82.22 1.37 0.00	77.40 1.52 0.00	74.70 1.68 0.00
BETHLEHEM___GS3 323562	84.73 2.39 0.00	78.44 2.43 0.00	74.21 2.30 0.00	75.46 2.34 0.00	80.54 2.12 0.00	75.91 2.14 0.00	84.65 2.23 0.00	80.08 1.95 0.00	70.98 1.66 0.00	66.42 1.81 0.00	64.33 1.81 0.00	64.90 1.77 0.00	66.53 1.62 0.00	64.87 1.71 0.00	65.05 1.65 0.00	65.99 1.36 0.00	81.24 1.44 0.00	97.06 1.34 0.00	110.66 1.42 0.00	99.97 1.28 0.00	94.72 1.13 0.00	82.22 1.37 0.00	77.40 1.52 0.00	74.70 1.68 0.00
BETHLEHEM___STEEL 23779	76.33 -6.01 0.00	70.23 -5.78 0.00	67.45 -4.46 0.00	68.29 -4.83 0.00	72.78 -5.65 0.00	70.08 -3.69 0.00	77.15 -5.28 0.00	72.74 -5.39 0.00	64.40 -4.92 0.00	60.48 -4.14 0.00	58.39 -4.13 0.00	59.09 -4.04 0.00	60.95 -3.96 0.00	58.99 -4.17 0.00	59.41 -3.99 0.00	60.37 -4.27 0.00	73.74 -6.06 0.00	88.92 -6.80 0.00	100.83 -8.41 0.00	91.38 -7.30 0.00	87.79 -5.80 0.00	75.11 -5.74 0.00	71.87 -4.02 0.00	70.32 -2.70 0.00
BETHLHEM_115KV_TB1 79974	84.73 2.39 0.00	78.44 2.43 0.00	74.14 2.23 0.00	75.39 2.27 0.00	80.54 2.12 0.00	75.91 2.14 0.00	84.65 2.23 0.00	80.08 1.95 0.00	71.05 1.73 0.00	66.42 1.81 0.00	64.33 1.81 0.00	64.90 1.77 0.00	66.53 1.62 0.00	64.87 1.71 0.00	65.11 1.71 0.00	65.99 1.36 0.00	81.32 1.52 0.00	97.15 1.44 0.00	110.88 1.64 0.00	100.17 1.48 0.00	94.90 1.31 0.00	82.31 1.46 0.00	77.48 1.59 0.00	74.70 1.68 0.00
BETHPAGE_CC_5 323564	96.13 4.86 -8.93	99.47 4.33 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.08 3.91 -16.40	100.96 4.53 -14.01	101.69 4.14 -19.43	83.61 3.88 -10.41	80.96 4.01 -12.34	66.14 3.62 0.00	66.35 3.22 0.00	68.15 3.24 0.00	66.32 3.16 0.00	66.63 3.23 0.00	68.18 3.55 0.00	94.90 4.31 -10.80	137.10 5.17 -36.22	135.31 6.22 -19.84	125.10 5.62 -20.79	115.88 5.24 -17.06	100.75 4.20 -15.70	94.01 4.02 -14.10	91.35 3.29 -15.04
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	76.66 -5.68 0.00	70.61 -5.40 0.00	67.81 -4.10 0.00	68.59 -4.53 0.00	73.17 -5.25 0.00	70.45 -3.32 0.00	77.65 -4.78 0.00	73.13 -5.00 0.00	64.82 -4.51 0.00	60.87 -3.75 0.00	58.76 -3.75 0.00	59.47 -3.66 0.00	61.34 -3.57 0.00	59.37 -3.79 0.00	59.79 -3.61 0.00	60.75 -3.88 0.00	74.29 -5.51 0.00	89.59 -6.13 0.00	101.70 -7.54 0.00	92.07 -6.61 0.00	88.44 -5.15 0.00	75.68 -5.17 0.00	72.40 -3.49 0.00	70.76 -2.26 0.00

BINGHAMTON___COGEN 23790	81.44 -0.91 0.00	75.02 -0.99 0.00	71.12 -0.79 0.00	72.17 -0.95 0.00	77.41 -1.02 0.00	73.18 -0.59 0.00	81.60 -0.82 0.00	77.35 -0.78 0.00	68.56 -0.76 0.00	64.03 -0.58 0.00	61.89 -0.63 0.00	62.50 -0.63 0.00	64.39 -0.52 0.00	62.59 -0.57 0.00	62.89 -0.51 0.00	64.05 -0.58 0.00	79.00 -0.80 0.00	95.34 -0.38 0.00	108.70 -0.55 0.00	98.19 -0.49 0.00	93.22 -0.37 0.00	80.20 -0.65 0.00	75.51 -0.38 0.00	72.65 -0.37 0.00
BIXINCNT_115KV_LOAD 355685	76.00 -6.34 0.00	70.08 -5.93 0.00	67.38 -4.53 0.00	68.29 -4.83 0.00	73.17 -5.25 0.00	70.75 -3.02 0.00	78.39 -4.04 0.00	74.30 -3.83 0.00	65.86 -3.47 0.00	61.77 -2.84 0.00	59.64 -2.88 0.00	60.35 -2.78 0.00	62.31 -2.60 0.00	60.32 -2.84 0.00	60.93 -2.47 0.00	62.05 -2.59 0.00	75.97 -3.83 0.00	91.79 -3.92 0.00	104.65 -4.59 0.00	94.84 -3.85 0.00	90.97 -2.62 0.00	77.70 -3.15 0.00	74.07 -1.82 0.00	72.07 -0.95 0.00
BLACK RIVER___HYD 24047	85.72 3.38 0.00	79.05 3.04 0.00	74.64 2.73 0.00	75.39 2.27 0.00	81.64 3.22 0.00	76.35 2.58 0.00	85.48 3.05 0.00	81.41 3.28 0.00	71.96 2.63 0.00	66.74 2.13 0.00	64.89 2.37 0.00	65.21 2.08 0.00	67.24 2.33 0.00	65.37 2.21 0.00	65.68 2.28 0.00	67.22 2.59 0.00	83.71 3.91 0.00	101.27 5.55 0.00	115.36 6.11 0.00	104.11 5.42 0.00	98.55 4.96 0.00	84.97 4.12 0.00	79.68 3.79 0.00	76.45 3.43 0.00
BLACKRVR_115KV_TB2 79977	85.72 3.38 0.00	79.05 3.04 0.00	74.64 2.73 0.00	75.39 2.27 0.00	81.64 3.22 0.00	76.36 2.58 0.00	85.48 3.05 0.00	81.41 3.28 0.00	71.96 2.63 0.00	66.75 2.13 0.00	64.83 2.31 0.00	65.21 2.08 0.00	67.24 2.34 0.00	65.37 2.21 0.00	65.68 2.28 0.00	67.22 2.59 0.00	83.71 3.91 0.00	101.27 5.55 0.00	115.36 6.12 0.00	104.11 5.43 0.00	98.55 4.96 0.00	84.97 4.12 0.00	79.68 3.79 0.00	76.45 3.43 0.00
BLISS_WT_PWR 323608	75.43 -6.92 0.00	69.55 -6.46 0.00	66.87 -5.04 0.00	67.79 -5.33 0.00	72.78 -5.65 0.00	70.45 -3.32 0.00	78.14 -4.29 0.00	74.15 -3.98 0.00	65.79 -3.53 0.00	61.71 -2.91 0.00	59.64 -2.87 0.00	60.23 -2.90 0.00	62.18 -2.72 0.00	60.26 -2.90 0.00	60.86 -2.54 0.00	62.05 -2.59 0.00	75.97 -3.83 0.00	91.79 -3.93 0.00	104.76 -4.48 0.00	94.84 -3.85 0.00	91.07 -2.52 0.00	77.70 -3.15 0.00	74.07 -1.82 0.00	72.07 -0.95 0.00
BLUESTONE___WT_PWR 323821	86.87 4.53 0.00	80.11 4.10 0.00	75.79 3.88 0.00	76.49 3.37 0.00	82.58 4.15 0.00	77.68 3.91 0.00	87.04 4.61 0.00	82.66 4.53 0.00	73.06 3.74 0.00	67.91 3.29 0.00	65.82 3.31 0.00	66.16 3.03 0.00	68.22 3.31 0.00	66.19 3.03 0.00	66.57 3.17 0.00	67.93 3.29 0.00	84.43 4.63 0.00	102.32 6.60 0.00	116.67 7.43 0.00	105.40 6.71 0.00	99.96 6.37 0.00	85.70 4.85 0.00	80.52 4.63 0.00	77.25 4.23 0.00
BLUE_CIRC_CHEM_DRP 24182	85.39 3.05 0.00	78.89 2.89 0.00	74.64 2.73 0.00	75.90 2.78 0.00	81.17 2.74 0.00	76.43 2.66 0.00	85.31 2.88 0.00	80.55 2.42 0.00	71.33 2.01 0.00	66.62 2.00 0.00	64.45 1.94 0.00	65.02 1.89 0.00	66.72 1.82 0.00	65.06 1.89 0.00	65.30 1.90 0.00	66.44 1.81 0.00	82.04 2.23 0.00	98.11 2.39 0.00	112.08 2.84 0.00	101.15 2.47 0.00	95.93 2.34 0.00	83.03 2.18 0.00	78.09 2.20 0.00	75.21 2.19 0.00
BOC_GAS_DRP 24189	84.57 2.22 0.00	78.06 2.05 0.00	73.85 1.94 0.00	75.09 1.97 0.00	80.39 1.96 0.00	75.62 1.84 0.00	84.49 2.06 0.00	79.92 1.80 0.00	70.92 1.59 0.00	66.23 1.62 0.00	64.14 1.63 0.00	64.71 1.58 0.00	66.46 1.56 0.00	64.74 1.58 0.00	64.99 1.59 0.00	66.05 1.42 0.00	81.48 1.68 0.00	97.54 1.82 0.00	111.32 2.08 0.00	100.56 1.88 0.00	95.37 1.78 0.00	82.39 1.54 0.00	77.48 1.59 0.00	74.48 1.46 0.00
BOONVILLE_115KV_TB1 79983	84.98 2.63 0.00	78.44 2.43 0.00	74.14 2.23 0.00	75.09 1.97 0.00	80.94 2.51 0.00	75.99 2.21 0.00	85.06 2.64 0.00	80.78 2.66 0.00	71.47 2.15 0.00	66.49 1.87 0.00	64.51 2.00 0.00	64.96 1.83 0.00	66.92 2.01 0.00	65.06 1.89 0.00	65.30 1.90 0.00	66.64 2.00 0.00	82.59 2.79 0.00	99.26 3.54 0.00	113.18 3.93 0.00	102.24 3.55 0.00	96.87 3.28 0.00	83.52 2.67 0.00	78.39 2.50 0.00	75.36 2.34 0.00
BORALEX_4TH_BRANCH 23824	87.61 5.27 0.00	80.79 4.79 0.00	76.37 4.46 0.00	77.65 4.53 0.00	83.13 4.71 0.00	78.27 4.50 0.00	87.54 5.11 0.00	82.89 4.77 0.00	73.48 4.16 0.00	68.68 4.07 0.00	66.45 3.94 0.00	67.04 3.91 0.00	68.80 3.89 0.00	67.01 3.85 0.00	67.27 3.87 0.00	68.51 3.88 0.00	84.59 4.79 0.00	101.56 5.84 0.00	116.02 6.77 0.00	104.71 6.02 0.00	99.30 5.71 0.00	85.54 4.69 0.00	80.44 4.55 0.00	77.11 4.09 0.00
BOWLINE___1 23526	85.39 3.05 0.00	78.74 2.73 0.00	74.36 2.45 0.00	75.61 2.49 0.00	81.01 2.58 0.00	76.13 2.36 0.00	85.23 2.80 0.00	80.55 2.42 0.00	71.47 2.15 0.00	66.81 2.20 0.00	64.64 2.13 0.00	65.09 1.96 0.00	66.79 1.88 0.00	65.18 2.02 0.00	65.37 1.97 0.00	66.64 2.01 0.00	82.19 2.39 0.00	98.69 2.97 0.00	112.84 3.60 0.00	101.94 3.25 0.00	96.58 2.99 0.00	83.11 2.26 0.00	78.09 2.20 0.00	74.56 1.54 0.00
BOWLINE___2 23595	85.39 3.05 0.00	78.74 2.73 0.00	74.36 2.45 0.00	75.61 2.49 0.00	81.01 2.58 0.00	76.13 2.36 0.00	85.23 2.80 0.00	80.55 2.42 0.00	71.40 2.08 0.00	66.74 2.13 0.00	64.57 2.06 0.00	65.02 1.89 0.00	66.72 1.81 0.00	65.05 1.89 0.00	65.24 1.84 0.00	66.51 1.88 0.00	82.12 2.32 0.00	98.50 2.78 0.00	112.74 3.49 0.00	101.75 3.06 0.00	96.39 2.81 0.00	82.95 2.10 0.00	78.01 2.12 0.00	74.48 1.46 0.00
BRADY___115KV_TB2 356060	84.48 2.14 0.00	78.13 2.13 0.00	73.85 1.94 0.00	75.24 2.12 0.00	81.17 2.74 0.00	75.69 1.92 0.00	84.24 1.81 0.00	80.24 2.11 0.00	71.19 1.87 0.00	65.84 1.23 0.00	63.83 1.31 0.00	64.65 1.52 0.00	66.59 1.69 0.00	64.74 1.58 0.00	64.99 1.59 0.00	66.44 1.81 0.00	82.35 2.55 0.00	97.73 2.01 0.00	111.32 2.08 0.00	100.56 1.88 0.00	95.37 1.78 0.00	83.44 2.59 0.00	78.39 2.50 0.00	75.79 2.77 0.00
BRANSCOMB___SOLAR 323811	87.86 5.52 0.00	81.02 5.02 0.00	76.58 4.67 0.00	77.87 4.75 0.00	83.37 4.94 0.00	78.57 4.79 0.00	87.78 5.35 0.00	83.05 4.92 0.00	73.34 4.02 0.00	68.49 3.88 0.00	66.20 3.69 0.00	66.79 3.66 0.00	68.47 3.57 0.00	66.70 3.53 0.00	66.95 3.55 0.00	68.38 3.75 0.00	84.75 4.95 0.00	101.66 5.94 0.00	116.13 6.89 0.00	104.81 6.12 0.00	99.39 5.80 0.00	85.70 4.85 0.00	80.44 4.55 0.00	77.18 4.16 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	97.70 6.42 -8.93	100.92 5.78 -19.13	88.12 5.32 -10.89	85.08 5.41 -6.55	84.57 5.65 -0.50	95.56 5.39 -16.40	102.61 6.18 -14.01	103.34 5.78 -19.43	84.72 4.99 -10.41	81.86 4.91 -12.34	67.26 4.75 0.00	67.30 4.17 0.00	69.19 4.28 0.00	67.27 4.11 0.00	67.71 4.31 0.00	69.35 4.72 0.00	96.58 5.99 -10.80	139.02 7.08 -36.22	137.28 8.19 -19.84	126.88 7.40 -20.79	117.76 7.11 -17.06	102.46 5.90 -15.70	95.60 5.62 -14.10	92.96 4.89 -15.04

BRISTLHL_115KV_TB1 79998	81.19 -1.15 0.00	74.79 -1.22 0.00	70.76 -1.15 0.00	71.80 -1.32 0.00	77.01 -1.41 0.00	72.67 -1.11 0.00	81.11 -1.32 0.00	77.03 -1.09 0.00	68.35 -0.97 0.00	63.84 -0.78 0.00	61.83 -0.69 0.00	62.37 -0.76 0.00	64.32 -0.58 0.00	62.47 -0.69 0.00	62.77 -0.63 0.00	63.99 -0.65 0.00	79.00 -0.80 0.00	96.01 0.29 0.00	109.46 0.22 0.00	98.69 0.00 0.00	93.59 0.00 0.00	80.53 -0.32 0.00	75.51 -0.38 0.00	72.51 -0.51 0.00
BROOKHAVEN___DRP 24191	97.45 6.18 -8.93	100.69 5.55 -19.13	87.90 5.11 -10.89	84.86 5.19 -6.55	84.33 5.41 -0.50	95.34 5.16 -16.40	102.45 6.02 -14.01	103.10 5.55 -19.43	84.38 4.64 -10.41	81.47 4.52 -12.34	66.76 4.25 0.00	66.73 3.60 0.00	68.54 3.63 0.00	66.63 3.47 0.00	67.14 3.74 0.00	68.83 4.20 0.00	96.10 5.51 -10.80	138.83 6.89 -36.22	136.51 7.43 -19.84	126.19 6.71 -20.79	117.29 6.64 -17.06	102.29 5.74 -15.70	95.53 5.54 -14.10	92.88 4.82 -15.04
BROOKLYN_NAVY_YARD 23515	85.88 3.54 0.00	79.05 3.04 0.00	74.64 2.73 0.00	75.97 2.85 0.00	81.25 2.82 0.00	76.35 2.58 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.59 2.97 0.00	65.26 2.75 0.00	65.72 2.59 0.00	67.44 2.53 0.00	65.75 2.59 0.00	66.00 2.60 0.00	67.28 2.65 0.00	83.00 3.20 0.00	99.55 3.83 0.00	113.94 4.69 0.00	102.93 4.24 0.00	97.43 3.84 0.00	83.84 2.99 0.00	78.77 2.88 0.00	75.06 2.04 0.00
BROOKLYN___ARMY_DRP 323595	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.87 -203.07	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
BROOKVLE_69_KV_TB1 55790	96.79 5.52 -8.93	100.08 4.94 -19.13	87.33 4.53 -10.89	84.28 4.61 -6.55	83.71 4.78 -0.50	94.67 4.50 -16.40	101.62 5.19 -14.01	102.32 4.77 -19.43	84.03 4.30 -10.41	81.28 4.33 -12.34	66.58 4.06 0.00	66.73 3.60 0.00	68.54 3.63 0.00	66.63 3.47 0.00	67.01 3.61 0.00	68.51 3.88 0.00	95.38 4.79 -10.80	137.77 5.84 -36.22	136.18 7.10 -19.84	125.79 6.32 -20.79	116.54 5.90 -17.06	101.24 4.69 -15.70	94.46 4.48 -14.10	91.86 3.80 -15.04
BROOME_2_LFGE 323671	81.44 -0.90 0.00	75.02 -0.99 0.00	71.12 -0.79 0.00	72.17 -0.95 0.00	77.40 -1.02 0.00	73.18 -0.59 0.00	81.60 -0.82 0.00	77.35 -0.78 0.00	68.56 -0.76 0.00	64.03 -0.58 0.00	61.95 -0.56 0.00	62.50 -0.63 0.00	64.39 -0.52 0.00	62.59 -0.57 0.00	62.89 -0.51 0.00	64.05 -0.58 0.00	79.00 -0.80 0.00	95.34 -0.38 0.00	108.70 -0.54 0.00	98.10 -0.59 0.00	93.22 -0.37 0.00	80.20 -0.65 0.00	75.51 -0.38 0.00	72.66 -0.36 0.00
BROOME___LFGE 323600	81.44 -0.90 0.00	75.02 -0.99 0.00	71.12 -0.79 0.00	72.17 -0.95 0.00	77.40 -1.02 0.00	73.18 -0.59 0.00	81.60 -0.82 0.00	77.35 -0.78 0.00	68.56 -0.76 0.00	64.03 -0.58 0.00	61.95 -0.56 0.00	62.50 -0.63 0.00	64.39 -0.52 0.00	62.59 -0.57 0.00	62.89 -0.51 0.00	64.05 -0.58 0.00	79.00 -0.80 0.00	95.34 -0.38 0.00	108.70 -0.54 0.00	98.10 -0.59 0.00	93.22 -0.37 0.00	80.20 -0.65 0.00	75.51 -0.38 0.00	72.66 -0.36 0.00
BROWNFLS_115KV_TB_3_5 80003	84.24 1.89 0.00	77.91 1.90 0.00	73.49 1.58 0.00	74.66 1.54 0.00	80.62 2.20 0.00	75.17 1.40 0.00	83.74 1.32 0.00	79.77 1.64 0.00	70.71 1.39 0.00	65.52 0.90 0.00	63.70 1.19 0.00	64.39 1.26 0.00	66.40 1.49 0.00	64.55 1.39 0.00	64.80 1.39 0.00	66.25 1.62 0.00	82.11 2.31 0.00	97.82 2.11 0.00	111.32 2.08 0.00	100.46 1.78 0.00	95.27 1.68 0.00	82.95 2.10 0.00	78.09 2.20 0.00	75.43 2.41 0.00
BROWNSV1_27_KV_LOAD 356125	86.71 4.36 0.00	79.81 3.80 0.00	75.36 3.45 0.00	76.63 3.51 0.00	82.03 3.61 0.00	77.02 3.25 0.00	86.30 3.87 0.00	81.72 3.59 0.00	72.72 3.40 0.00	68.10 3.49 0.00	65.89 3.38 0.00	66.29 3.16 0.00	68.02 3.12 0.00	66.32 3.16 0.00	66.51 3.11 0.00	67.86 3.23 0.00	83.71 3.91 0.00	100.41 4.69 0.00	114.92 5.68 0.00	103.72 5.03 0.00	98.27 4.68 0.00	84.57 3.72 0.00	79.45 3.57 0.00	75.79 2.77 0.00
BURROWS___LYONSDAL 23803	84.98 2.63 0.00	78.44 2.43 0.00	74.14 2.23 0.00	75.09 1.97 0.00	81.01 2.59 0.00	75.99 2.21 0.00	84.98 2.56 0.00	80.78 2.66 0.00	71.54 2.22 0.00	66.49 1.87 0.00	64.45 1.94 0.00	64.96 1.83 0.00	66.92 2.01 0.00	65.06 1.89 0.00	65.30 1.90 0.00	66.70 2.07 0.00	82.67 2.87 0.00	99.36 3.64 0.00	113.28 4.04 0.00	102.34 3.65 0.00	96.96 3.37 0.00	83.60 2.75 0.00	78.54 2.66 0.00	75.43 2.41 0.00
CAITHNESS_CC_1 323624	97.28 6.01 -8.93	100.54 5.40 -19.13	87.75 4.96 -10.89	84.71 5.04 -6.55	84.18 5.26 -0.50	95.19 5.02 -16.40	102.28 5.85 -14.01	102.94 5.39 -19.43	84.24 4.50 -10.41	81.35 4.40 -12.34	66.64 4.12 0.00	66.66 3.53 0.00	68.47 3.57 0.00	66.57 3.41 0.00	67.01 3.61 0.00	68.77 4.14 0.00	95.94 5.35 -10.80	138.63 6.70 -36.22	136.40 7.32 -19.84	126.09 6.61 -20.79	117.10 6.45 -17.06	102.05 5.50 -15.70	95.22 5.23 -14.10	92.67 4.60 -15.04
CALPINE BETH_PAGE_GT4 24209	95.97 4.69 -8.93	99.32 4.18 -19.13	86.61 3.81 -10.89	83.62 3.95 -6.55	82.92 4.00 -0.50	93.94 3.76 -16.40	100.80 4.37 -14.01	101.54 3.98 -19.43	83.61 3.88 -10.41	80.89 3.94 -12.34	66.20 3.69 0.00	66.35 3.22 0.00	68.15 3.25 0.00	66.32 3.16 0.00	66.63 3.23 0.00	68.19 3.55 0.00	94.75 4.15 -10.80	137.01 5.07 -36.22	135.20 6.12 -19.84	124.91 5.43 -20.79	115.70 5.05 -17.06	100.60 4.04 -15.70	93.86 3.87 -14.10	91.20 3.14 -15.04
CALPINE_BETH_PAGE_GT_4 323586	95.96 4.69 -8.93	99.32 4.18 -19.13	86.60 3.81 -10.89	83.62 3.95 -6.55	82.92 4.00 -0.50	93.93 3.76 -16.40	100.80 4.37 -14.01	101.54 3.98 -19.43	83.40 3.67 -10.41	80.89 3.94 -12.34	66.14 3.62 0.00	66.35 3.22 0.00	68.15 3.24 0.00	66.32 3.16 0.00	66.63 3.23 0.00	68.18 3.55 0.00	94.74 4.15 -10.80	136.91 4.97 -36.22	135.09 6.00 -19.84	124.90 5.42 -20.79	115.70 5.05 -17.06	100.59 4.04 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04
CALPINE_BP_GT1 23823	95.96 4.69 -8.93	99.32 4.18 -19.13	86.60 3.81 -10.89	83.62 3.95 -6.55	82.92 4.00 -0.50	93.93 3.76 -16.40	100.80 4.37 -14.01	101.54 3.98 -19.43	83.40 3.67 -10.41	80.89 3.94 -12.34	66.14 3.62 0.00	66.35 3.22 0.00	68.15 3.24 0.00	66.32 3.16 0.00	66.63 3.23 0.00	68.18 3.55 0.00	94.74 4.15 -10.80	136.91 4.97 -36.22	135.09 6.00 -19.84	124.90 5.42 -20.79	115.70 5.05 -17.06	100.59 4.04 -15.70	93.85 3.87 -14.10	91.20 3.14 -15.04
CALSPAN___DRP 24200	76.33 -6.01 0.00	70.23 -5.78 0.00	67.45 -4.46 0.00	68.29 -4.83 0.00	72.78 -5.65 0.00	70.08 -3.69 0.00	77.15 -5.28 0.00	72.74 -5.39 0.00	64.40 -4.92 0.00	60.48 -4.14 0.00	58.39 -4.13 0.00	59.09 -4.04 0.00	60.95 -3.96 0.00	58.99 -4.17 0.00	59.41 -3.99 0.00	60.37 -4.27 0.00	73.74 -6.06 0.00	88.92 -6.80 0.00	100.83 -8.41 0.00	91.38 -7.30 0.00	87.79 -5.80 0.00	75.11 -5.74 0.00	71.87 -4.02 0.00	70.32 -2.70 0.00

CALVERTON___SOLAR 323806	97.70 6.43 -8.93	100.91 5.77 -19.13	88.04 5.25 -10.89	85.08 5.41 -6.55	84.57 5.65 -0.50	95.49 5.31 -16.40	102.69 6.26 -14.01	103.34 5.78 -19.43	84.58 4.85 -10.41	81.54 4.59 -12.34	66.82 4.31 0.00	66.79 3.66 0.00	68.60 3.70 0.00	66.70 3.53 0.00	67.14 3.74 0.00	68.90 4.26 0.00	96.26 5.67 -10.80	139.12 7.18 -36.22	136.84 7.76 -19.84	126.49 7.01 -20.79	117.57 6.93 -17.06	102.54 5.98 -15.70	95.75 5.76 -14.10	93.17 5.11 -15.04
CANDIGU_WT_PWR 323617	78.39 -3.95 0.00	72.28 -3.72 0.00	68.96 -2.95 0.00	69.83 -3.29 0.00	74.74 -3.68 0.00	71.41 -2.36 0.00	79.29 -3.13 0.00	75.00 -3.13 0.00	66.34 -2.98 0.00	61.96 -2.65 0.00	59.95 -2.57 0.00	60.54 -2.59 0.00	62.51 -2.40 0.00	60.63 -2.53 0.00	61.06 -2.34 0.00	62.24 -2.39 0.00	76.69 -3.11 0.00	92.65 -3.07 0.00	105.42 -3.83 0.00	95.23 -3.46 0.00	90.97 -2.62 0.00	78.02 -2.83 0.00	73.84 -2.05 0.00	71.48 -1.54 0.00
CARR STREET_E_SYR 24060	79.54 -2.80 0.00	73.34 -2.66 0.00	69.46 -2.45 0.00	70.49 -2.63 0.00	75.61 -2.82 0.00	71.41 -2.36 0.00	79.71 -2.72 0.00	75.55 -2.58 0.00	67.04 -2.29 0.00	62.61 -2.00 0.00	60.57 -1.94 0.00	61.11 -2.02 0.00	62.96 -1.95 0.00	61.20 -1.96 0.00	61.50 -1.90 0.00	62.63 -2.00 0.00	77.24 -2.56 0.00	93.70 -2.01 0.00	106.84 -2.40 0.00	96.42 -2.27 0.00	91.53 -2.06 0.00	78.83 -2.02 0.00	74.07 -1.82 0.00	71.20 -1.82 0.00
CARTHAGE___PAPER 23857	85.30 2.96 0.00	78.66 2.66 0.00	74.28 2.37 0.00	75.16 2.04 0.00	81.25 2.82 0.00	75.98 2.21 0.00	85.06 2.64 0.00	81.02 2.89 0.00	71.68 2.36 0.00	66.49 1.87 0.00	64.57 2.06 0.00	65.02 1.89 0.00	67.05 2.14 0.00	65.18 2.02 0.00	65.49 2.09 0.00	67.03 2.39 0.00	83.31 3.51 0.00	100.41 4.69 0.00	114.38 5.14 0.00	103.23 4.54 0.00	97.70 4.11 0.00	84.40 3.55 0.00	79.22 3.34 0.00	76.09 3.07 0.00
CASSADAGA_WT_PWR 323784	77.56 -4.78 0.00	71.29 -4.71 0.00	68.68 -3.23 0.00	69.54 -3.58 0.00	74.27 -4.16 0.00	71.78 -1.99 0.00	79.21 -3.22 0.00	74.92 -3.21 0.00	66.41 -2.91 0.00	62.61 -2.00 0.00	60.57 -1.94 0.00	61.17 -1.96 0.00	63.09 -1.82 0.00	61.08 -2.08 0.00	61.56 -1.84 0.00	62.70 -1.94 0.00	76.93 -2.87 0.00	92.65 -3.07 0.00	105.42 -3.83 0.00	95.23 -3.46 0.00	91.25 -2.34 0.00	77.78 -3.07 0.00	74.07 -1.82 0.00	72.00 -1.02 0.00
CE_DUNWOOD___DRP 24194	85.97 3.62 0.00	79.20 3.19 0.00	74.86 2.95 0.00	76.12 3.00 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.72 3.30 0.00	81.10 2.97 0.00	72.03 2.70 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.37 2.47 0.00	65.69 2.53 0.00	65.87 2.47 0.00	67.22 2.59 0.00	82.91 3.11 0.00	99.45 3.73 0.00	113.83 4.59 0.00	102.73 4.05 0.00	97.33 3.74 0.00	83.76 2.91 0.00	78.77 2.88 0.00	75.21 2.19 0.00
CE_MILLWOOD___DRP 24193	85.88 3.54 0.00	79.12 3.12 0.00	74.71 2.80 0.00	75.97 2.85 0.00	81.33 2.90 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.02 2.89 0.00	71.96 2.63 0.00	67.26 2.65 0.00	65.08 2.56 0.00	65.53 2.40 0.00	67.24 2.34 0.00	65.56 2.40 0.00	65.75 2.35 0.00	67.09 2.46 0.00	82.75 2.95 0.00	99.26 3.54 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.68 2.83 0.00	78.62 2.73 0.00	75.06 2.04 0.00
CE_NYC2_DRP 24202	86.38 4.03 0.00	79.50 3.50 0.00	75.07 3.16 0.00	76.34 3.22 0.00	81.64 3.22 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.25 3.13 0.00	72.37 3.05 0.00	67.78 3.17 0.00	65.58 3.06 0.00	65.97 2.84 0.00	67.76 2.86 0.00	66.07 2.91 0.00	66.25 2.85 0.00	67.54 2.91 0.00	83.23 3.43 0.00	102.40 4.12 -2.57	128.66 5.03 -14.39	106.44 4.44 -3.32	103.36 4.12 -5.65	84.08 3.23 0.00	79.07 3.19 0.00	75.50 2.48 0.00
CE_NYC_DRP 24195	86.05 3.71 0.00	79.27 3.27 0.00	74.86 2.95 0.00	76.12 3.00 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.17 3.05 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.81 2.65 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.85 2.96 0.00	75.21 2.19 0.00
CHAFFEE___LFGE 323603	76.83 -5.52 0.00	70.68 -5.32 0.00	67.88 -4.03 0.00	68.66 -4.46 0.00	73.25 -5.18 0.00	70.60 -3.17 0.00	77.64 -4.78 0.00	73.21 -4.92 0.00	64.82 -4.50 0.00	60.93 -3.68 0.00	58.89 -3.63 0.00	59.47 -3.66 0.00	61.34 -3.57 0.00	59.37 -3.79 0.00	59.79 -3.61 0.00	60.76 -3.88 0.00	74.30 -5.51 0.00	89.59 -6.13 0.00	101.71 -7.54 0.00	91.97 -6.71 0.00	88.44 -5.15 0.00	75.67 -5.18 0.00	72.40 -3.49 0.00	70.76 -2.26 0.00
CHATEAUG_35_KV_LOAD 355732	82.01 -0.33 0.00	76.01 0.00 0.00	71.91 0.00 0.00	73.49 0.37 0.00	79.21 0.78 0.00	74.07 0.30 0.00	82.34 -0.08 0.00	78.52 0.39 0.00	69.81 0.49 0.00	64.61 0.00 0.00	62.39 -0.13 0.00	63.19 0.06 0.00	65.10 0.19 0.00	63.35 0.19 0.00	63.59 0.19 0.00	65.15 0.52 0.00	80.92 1.12 0.00	96.77 1.05 0.00	110.55 1.31 0.00	99.97 1.28 0.00	94.90 1.31 0.00	82.63 1.78 0.00	77.48 1.59 0.00	75.06 2.04 0.00
CHATEAUG_WT_PWR 323614	81.85 -0.49 0.00	75.85 -0.15 0.00	71.84 -0.07 0.00	73.34 0.22 0.00	78.98 0.55 0.00	73.92 0.15 0.00	82.18 -0.25 0.00	78.28 0.16 0.00	69.60 0.28 0.00	64.42 -0.19 0.00	62.26 -0.25 0.00	63.00 -0.13 0.00	64.91 0.00 0.00	63.16 0.00 0.00	63.40 0.00 0.00	64.89 0.26 0.00	80.60 0.80 0.00	96.48 0.76 0.00	110.22 0.98 0.00	99.67 0.99 0.00	94.62 1.03 0.00	82.38 1.53 0.00	77.18 1.29 0.00	74.91 1.90 0.00
CHAT_HIGH_FALL_HYD 323578	82.01 -0.33 0.00	76.01 0.00 0.00	71.91 0.00 0.00	73.49 0.37 0.00	79.21 0.78 0.00	74.07 0.30 0.00	82.34 -0.08 0.00	78.52 0.39 0.00	69.81 0.49 0.00	64.61 0.00 0.00	62.39 -0.13 0.00	63.19 0.06 0.00	65.10 0.19 0.00	63.35 0.19 0.00	63.59 0.19 0.00	65.15 0.52 0.00	80.92 1.12 0.00	96.77 1.05 0.00	110.55 1.31 0.00	99.97 1.28 0.00	94.90 1.31 0.00	82.63 1.78 0.00	77.48 1.59 0.00	75.06 2.04 0.00
CHAUTAUQUA___LFGE 323629	76.99 -5.35 0.00	70.84 -5.17 0.00	68.10 -3.81 0.00	68.96 -4.16 0.00	73.56 -4.86 0.00	70.97 -2.80 0.00	78.23 -4.20 0.00	73.91 -4.22 0.00	65.51 -3.81 0.00	61.58 -3.04 0.00	59.58 -2.94 0.00	60.16 -2.97 0.00	62.05 -2.85 0.00	60.07 -3.09 0.00	60.55 -2.85 0.00	61.60 -3.04 0.00	75.49 -4.31 0.00	91.03 -4.69 0.00	103.34 -5.90 0.00	93.45 -5.23 0.00	89.57 -4.02 0.00	76.48 -4.37 0.00	73.00 -2.88 0.00	71.12 -1.90 0.00
CHERRYST_13_KV_LD 356241	86.30 3.95 0.00	79.50 3.50 0.00	75.07 3.16 0.00	76.34 3.22 0.00	81.64 3.22 0.00	76.72 2.95 0.00	85.97 3.54 0.00	81.41 3.28 0.00	72.37 3.05 0.00	67.84 3.23 0.00	65.58 3.06 0.00	65.97 2.84 0.00	67.70 2.79 0.00	66.00 2.84 0.00	66.25 2.85 0.00	67.54 2.91 0.00	83.31 3.51 0.00	99.93 4.21 0.00	114.38 5.13 0.00	103.23 4.54 0.00	97.80 4.21 0.00	84.08 3.23 0.00	79.07 3.19 0.00	75.43 2.41 0.00

CHESTROR_138KV_BK263 355645	85.06 2.72 0.00	78.44 2.43 0.00	74.14 2.23 0.00	75.39 2.27 0.00	80.78 2.35 0.00	75.91 2.14 0.00	84.98 2.56 0.00	80.31 2.19 0.00	71.33 2.01 0.00	66.62 2.00 0.00	64.45 1.94 0.00	64.90 1.77 0.00	66.66 1.75 0.00	64.93 1.77 0.00	65.18 1.78 0.00	66.44 1.81 0.00	82.04 2.23 0.00	98.49 2.78 0.00	112.74 3.50 0.00	101.75 3.06 0.00	96.40 2.81 0.00	83.03 2.18 0.00	78.01 2.12 0.00	74.55 1.53 0.00
CH_MIDHUDSON___DRP 24192	86.13 3.79 0.00	79.43 3.42 0.00	75.15 3.24 0.00	76.34 3.22 0.00	81.80 3.37 0.00	76.87 3.10 0.00	86.05 3.63 0.00	81.33 3.20 0.00	72.23 2.91 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.72 2.59 0.00	67.50 2.60 0.00	65.75 2.59 0.00	66.00 2.60 0.00	67.28 2.65 0.00	83.15 3.35 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.03 4.34 0.00	97.61 4.02 0.00	84.08 3.23 0.00	79.00 3.11 0.00	75.50 2.48 0.00
CH_MISC_IPPS 23765	86.38 4.03 0.00	79.65 3.65 0.00	75.36 3.45 0.00	76.63 3.51 0.00	82.04 3.61 0.00	77.10 3.32 0.00	86.30 3.87 0.00	81.56 3.43 0.00	72.44 3.12 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.87 2.71 0.00	66.06 2.66 0.00	67.41 2.78 0.00	83.40 3.59 0.00	100.12 4.41 0.00	114.59 5.35 0.00	103.42 4.74 0.00	97.99 4.40 0.00	84.32 3.47 0.00	79.22 3.34 0.00	75.64 2.62 0.00
CH_RES_BVR_FALLS 23983	81.52 -0.82 0.00	75.40 -0.61 0.00	71.41 -0.50 0.00	72.76 -0.36 0.00	78.19 -0.23 0.00	73.41 -0.37 0.00	82.02 -0.41 0.00	77.89 -0.23 0.00	69.25 -0.07 0.00	64.36 -0.26 0.00	62.26 -0.25 0.00	62.94 -0.19 0.00	64.71 -0.19 0.00	62.97 -0.19 0.00	63.21 -0.19 0.00	64.63 0.00 0.00	79.96 0.16 0.00	95.62 -0.10 0.00	109.13 -0.11 0.00	98.69 0.00 0.00	93.59 0.00 0.00	81.17 0.32 0.00	76.12 0.23 0.00	73.39 0.37 0.00
CH_RES_NIAGARA 23895	73.70 -8.65 0.00	67.95 -8.06 0.00	65.29 -6.62 0.00	66.10 -7.02 0.00	70.35 -8.08 0.00	67.58 -6.20 0.00	73.69 -8.74 0.00	69.30 -8.83 0.00	61.42 -7.90 0.00	57.76 -6.85 0.00	55.64 -6.88 0.00	56.31 -6.82 0.00	58.09 -6.82 0.00	56.21 -6.95 0.00	56.55 -6.85 0.00	57.33 -7.30 0.00	69.83 -9.98 0.00	84.04 -11.68 0.00	95.15 -14.09 0.00	86.25 -12.43 0.00	83.11 -10.48 0.00	71.31 -9.54 0.00	68.45 -7.44 0.00	67.54 -5.48 0.00
CH_RES_SYRACUSE 23985	80.70 -1.65 0.00	74.41 -1.60 0.00	70.40 -1.51 0.00	71.44 -1.68 0.00	76.63 -1.80 0.00	72.30 -1.47 0.00	80.78 -1.65 0.00	76.57 -1.56 0.00	67.94 -1.39 0.00	63.45 -1.16 0.00	61.45 -1.06 0.00	62.00 -1.13 0.00	63.87 -1.04 0.00	62.03 -1.14 0.00	62.38 -1.02 0.00	63.53 -1.10 0.00	78.44 -1.36 0.00	95.05 -0.67 0.00	108.36 -0.88 0.00	97.80 -0.89 0.00	92.75 -0.84 0.00	79.88 -0.97 0.00	74.98 -0.91 0.00	72.07 -0.95 0.00
CLINTON_WT_PWR 323605	81.85 -0.49 0.00	75.85 -0.15 0.00	71.84 -0.07 0.00	73.34 0.22 0.00	78.98 0.55 0.00	73.92 0.15 0.00	82.18 -0.25 0.00	78.28 0.16 0.00	69.60 0.28 0.00	64.42 -0.19 0.00	62.26 -0.25 0.00	63.00 -0.13 0.00	64.91 0.00 0.00	63.16 0.00 0.00	63.40 0.00 0.00	64.89 0.26 0.00	80.60 0.80 0.00	96.48 0.76 0.00	110.22 0.98 0.00	99.67 0.99 0.00	94.62 1.03 0.00	82.38 1.53 0.00	77.18 1.29 0.00	74.91 1.90 0.00
CLINTON___LFGE 323618	83.17 0.82 0.00	77.15 1.14 0.00	72.99 1.08 0.00	74.66 1.54 0.00	80.39 1.96 0.00	75.17 1.40 0.00	83.25 0.82 0.00	79.37 1.25 0.00	70.71 1.39 0.00	65.33 0.71 0.00	63.14 0.63 0.00	63.89 0.76 0.00	65.94 1.04 0.00	64.11 0.95 0.00	64.35 0.95 0.00	65.86 1.22 0.00	82.03 2.23 0.00	97.92 2.20 0.00	111.86 2.62 0.00	101.05 2.36 0.00	96.02 2.43 0.00	83.60 2.75 0.00	78.39 2.50 0.00	76.31 3.29 0.00
COBBLENY_34_KV_TB1 80064	76.83 -5.52 0.00	70.69 -5.32 0.00	67.88 -4.03 0.00	68.66 -4.46 0.00	73.25 -5.18 0.00	70.60 -3.17 0.00	77.65 -4.78 0.00	73.21 -4.92 0.00	64.82 -4.51 0.00	60.93 -3.68 0.00	58.76 -3.75 0.00	59.47 -3.66 0.00	61.34 -3.57 0.00	59.37 -3.79 0.00	59.79 -3.61 0.00	60.75 -3.88 0.00	74.29 -5.51 0.00	89.59 -6.13 0.00	101.70 -7.54 0.00	92.07 -6.61 0.00	88.44 -5.15 0.00	75.68 -5.17 0.00	72.40 -3.49 0.00	70.76 -2.26 0.00
COFFEEN___115KV_TB3 355620	86.30 3.95 0.00	79.58 3.57 0.00	75.07 3.16 0.00	75.83 2.71 0.00	82.19 3.76 0.00	76.80 3.02 0.00	86.05 3.63 0.00	81.96 3.83 0.00	72.44 3.12 0.00	67.20 2.58 0.00	65.26 2.75 0.00	65.53 2.40 0.00	67.63 2.73 0.00	65.69 2.53 0.00	66.06 2.66 0.00	67.67 3.04 0.00	84.27 4.47 0.00	102.13 6.41 0.00	116.34 7.10 0.00	105.00 6.32 0.00	99.39 5.80 0.00	85.62 4.77 0.00	80.29 4.40 0.00	76.96 3.94 0.00
COLDSPRG_115KV_BK1 355956	79.30 -3.05 0.00	72.81 -3.19 0.00	70.11 -1.80 0.00	70.93 -2.19 0.00	75.76 -2.67 0.00	73.11 -0.66 0.00	80.69 -1.73 0.00	76.33 -1.80 0.00	67.59 -1.73 0.00	63.58 -1.03 0.00	61.45 -1.06 0.00	62.18 -0.95 0.00	64.13 -0.78 0.00	62.02 -1.14 0.00	62.51 -0.89 0.00	63.66 -0.97 0.00	78.12 -1.68 0.00	94.09 -1.63 0.00	107.06 -2.18 0.00	96.81 -1.88 0.00	92.75 -0.84 0.00	79.07 -1.78 0.00	75.43 -0.46 0.00	73.31 0.29 0.00
COLONIE_LFGE___ 323577	86.54 4.20 0.00	79.88 3.87 0.00	75.50 3.59 0.00	76.77 3.65 0.00	82.19 3.76 0.00	77.39 3.61 0.00	86.46 4.04 0.00	81.80 3.67 0.00	72.44 3.12 0.00	67.71 3.10 0.00	65.51 3.00 0.00	66.10 2.97 0.00	67.83 2.92 0.00	66.07 2.91 0.00	66.32 2.92 0.00	67.54 2.91 0.00	83.47 3.67 0.00	100.03 4.31 0.00	114.27 5.03 0.00	103.13 4.44 0.00	97.80 4.22 0.00	84.40 3.55 0.00	79.31 3.42 0.00	76.16 3.14 0.00
COOPERNY_115KV_TB1 80082	84.32 1.98 0.00	77.75 1.75 0.00	73.49 1.58 0.00	74.73 1.61 0.00	80.07 1.65 0.00	75.32 1.55 0.00	84.24 1.81 0.00	79.77 1.64 0.00	70.71 1.39 0.00	66.03 1.42 0.00	63.89 1.38 0.00	64.39 1.26 0.00	66.14 1.23 0.00	64.42 1.26 0.00	64.67 1.27 0.00	65.92 1.29 0.00	81.40 1.60 0.00	97.73 2.01 0.00	111.76 2.51 0.00	100.86 2.17 0.00	95.65 2.06 0.00	82.39 1.54 0.00	77.41 1.52 0.00	74.11 1.10 0.00
COPENHAGEN_WT_PWR 323753	85.22 2.88 0.00	78.59 2.59 0.00	74.21 2.30 0.00	75.02 1.90 0.00	81.17 2.74 0.00	75.91 2.14 0.00	84.98 2.56 0.00	80.94 2.81 0.00	71.61 2.28 0.00	66.42 1.81 0.00	64.57 2.06 0.00	64.90 1.77 0.00	66.98 2.08 0.00	65.05 1.89 0.00	65.37 1.97 0.00	66.89 2.26 0.00	83.23 3.43 0.00	100.69 4.97 0.00	114.70 5.46 0.00	103.52 4.83 0.00	97.99 4.40 0.00	84.49 3.64 0.00	79.31 3.42 0.00	76.09 3.07 0.00
CORNELL_____ 23752	82.67 0.33 0.00	76.16 0.15 0.00	72.13 0.22 0.00	73.12 0.00 0.00	78.51 0.08 0.00	74.14 0.37 0.00	82.84 0.41 0.00	78.60 0.47 0.00	69.67 0.35 0.00	65.00 0.39 0.00	62.83 0.31 0.00	63.38 0.25 0.00	65.36 0.45 0.00	63.48 0.32 0.00	63.84 0.44 0.00	65.08 0.45 0.00	80.52 0.72 0.00	97.44 1.72 0.00	111.10 1.86 0.00	100.26 1.58 0.00	95.09 1.50 0.00	81.82 0.97 0.00	76.72 0.83 0.00	73.75 0.73 0.00

CORONA V_69_KV_TB1 355595	96.46 5.19 -8.93	99.78 4.64 -19.13	87.11 4.31 -10.89	84.06 4.39 -6.55	83.39 4.47 -0.50	94.38 4.21 -16.40	101.30 4.86 -14.01	102.01 4.45 -19.43	83.82 4.09 -10.41	81.02 4.07 -12.34	66.45 3.94 0.00	66.67 3.54 0.00	68.48 3.57 0.00	66.63 3.47 0.00	66.95 3.55 0.00	68.45 3.81 0.00	95.22 4.63 -10.80	137.58 5.65 -36.22	135.86 6.77 -19.84	125.50 6.02 -20.79	116.26 5.62 -17.06	101.00 4.45 -15.70	94.39 4.40 -14.10	91.71 3.65 -15.04
CORTLAND_115KV_TB3 80093	82.01 -0.33 0.00	75.63 -0.38 0.00	71.62 -0.29 0.00	72.68 -0.44 0.00	77.96 -0.47 0.00	73.63 -0.15 0.00	82.18 -0.25 0.00	77.97 -0.16 0.00	69.11 -0.21 0.00	64.48 -0.13 0.00	62.39 -0.13 0.00	62.94 -0.19 0.00	64.91 0.00 0.00	63.03 -0.13 0.00	63.34 -0.06 0.00	64.57 -0.06 0.00	79.80 0.00 0.00	96.48 0.77 0.00	110.01 0.76 0.00	99.28 0.59 0.00	94.15 0.56 0.00	81.01 0.16 0.00	76.12 0.23 0.00	73.17 0.15 0.00
COXSACKIE___GT 23611	88.68 6.34 0.00	82.16 6.15 0.00	77.88 5.97 0.00	79.12 6.00 0.00	84.62 6.19 0.00	79.68 5.90 0.00	88.86 6.43 0.00	83.59 5.47 0.00	74.10 4.78 0.00	68.75 4.14 0.00	66.33 3.81 0.00	66.60 3.47 0.00	68.41 3.50 0.00	66.76 3.60 0.00	67.08 3.68 0.00	68.51 3.88 0.00	85.07 5.27 0.00	102.13 6.41 0.00	116.56 7.32 0.00	105.30 6.61 0.00	99.58 5.99 0.00	86.10 5.25 0.00	80.89 5.01 0.00	77.91 4.89 0.00
CPV_VALLEY___CC1 323721	84.48 2.14 0.00	77.91 1.90 0.00	73.63 1.72 0.00	74.87 1.75 0.00	80.15 1.72 0.00	75.39 1.62 0.00	84.32 1.90 0.00	79.77 1.64 0.00	70.78 1.46 0.00	66.16 1.55 0.00	64.01 1.50 0.00	64.46 1.33 0.00	66.20 1.30 0.00	64.55 1.39 0.00	64.73 1.33 0.00	65.99 1.36 0.00	81.48 1.68 0.00	97.82 2.10 0.00	111.86 2.62 0.00	100.96 2.27 0.00	95.65 2.06 0.00	82.38 1.53 0.00	77.40 1.52 0.00	74.04 1.02 0.00
CPV_VALLEY___CC2 323722	84.48 2.14 0.00	77.91 1.90 0.00	73.63 1.72 0.00	74.87 1.75 0.00	80.15 1.72 0.00	75.39 1.62 0.00	84.32 1.90 0.00	79.77 1.64 0.00	70.78 1.46 0.00	66.16 1.55 0.00	64.01 1.50 0.00	64.46 1.33 0.00	66.20 1.30 0.00	64.55 1.39 0.00	64.73 1.33 0.00	65.99 1.36 0.00	81.48 1.68 0.00	97.82 2.10 0.00	111.86 2.62 0.00	100.96 2.27 0.00	95.65 2.06 0.00	82.38 1.53 0.00	77.40 1.52 0.00	74.04 1.02 0.00
CRESCENT___HYD 24018	86.54 4.20 0.00	79.88 3.87 0.00	75.50 3.59 0.00	76.77 3.65 0.00	82.19 3.76 0.00	77.39 3.61 0.00	86.46 4.04 0.00	81.80 3.67 0.00	72.44 3.12 0.00	67.71 3.10 0.00	65.51 3.00 0.00	66.10 2.97 0.00	67.83 2.92 0.00	66.07 2.91 0.00	66.32 2.92 0.00	67.54 2.91 0.00	83.47 3.67 0.00	100.03 4.31 0.00	114.27 5.03 0.00	103.13 4.44 0.00	97.80 4.22 0.00	84.40 3.55 0.00	79.31 3.42 0.00	76.16 3.14 0.00
CRICKET___VALLEY_CC1 323756	85.80 3.46 0.00	79.12 3.12 0.00	74.79 2.88 0.00	76.05 2.93 0.00	81.41 2.98 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.02 2.89 0.00	71.96 2.63 0.00	67.26 2.65 0.00	65.02 2.50 0.00	65.53 2.40 0.00	67.31 2.40 0.00	65.56 2.40 0.00	65.81 2.41 0.00	67.03 2.39 0.00	82.67 2.87 0.00	99.16 3.44 0.00	113.39 4.15 0.00	102.44 3.75 0.00	97.05 3.46 0.00	83.60 2.75 0.00	78.62 2.73 0.00	75.21 2.19 0.00
CRICKET___VALLEY_CC2 323757	85.80 3.46 0.00	79.12 3.12 0.00	74.79 2.88 0.00	76.05 2.93 0.00	81.41 2.98 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.02 2.89 0.00	71.96 2.63 0.00	67.26 2.65 0.00	65.02 2.50 0.00	65.53 2.40 0.00	67.31 2.40 0.00	65.56 2.40 0.00	65.81 2.41 0.00	67.03 2.39 0.00	82.67 2.87 0.00	99.16 3.44 0.00	113.39 4.15 0.00	102.44 3.75 0.00	97.05 3.46 0.00	83.60 2.75 0.00	78.62 2.73 0.00	75.21 2.19 0.00
CRICKET___VALLEY_CC3 323758	85.80 3.46 0.00	79.12 3.12 0.00	74.79 2.88 0.00	76.05 2.93 0.00	81.41 2.98 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.02 2.89 0.00	71.96 2.63 0.00	67.26 2.65 0.00	65.02 2.50 0.00	65.53 2.40 0.00	67.31 2.40 0.00	65.56 2.40 0.00	65.81 2.41 0.00	67.03 2.39 0.00	82.67 2.87 0.00	99.16 3.44 0.00	113.39 4.15 0.00	102.44 3.75 0.00	97.05 3.46 0.00	83.60 2.75 0.00	78.62 2.73 0.00	75.21 2.19 0.00
CRUCIBLE_METL_DRP 24180	80.70 -1.65 0.00	74.41 -1.60 0.00	70.40 -1.51 0.00	71.44 -1.68 0.00	76.62 -1.80 0.00	72.30 -1.48 0.00	80.78 -1.65 0.00	76.56 -1.56 0.00	67.94 -1.39 0.00	63.45 -1.16 0.00	61.45 -1.06 0.00	61.99 -1.14 0.00	63.87 -1.04 0.00	62.02 -1.14 0.00	62.39 -1.01 0.00	63.53 -1.10 0.00	78.44 -1.36 0.00	95.05 -0.67 0.00	108.37 -0.87 0.00	97.80 -0.89 0.00	92.75 -0.84 0.00	79.88 -0.97 0.00	74.98 -0.91 0.00	72.07 -0.95 0.00
DAHOWA___HYDRO 323763	88.35 6.01 0.00	81.48 5.48 0.00	77.09 5.18 0.00	78.39 5.27 0.00	83.83 5.41 0.00	79.09 5.31 0.00	88.36 5.94 0.00	83.51 5.39 0.00	73.76 4.44 0.00	68.88 4.26 0.00	66.52 4.00 0.00	67.17 4.04 0.00	68.80 3.89 0.00	67.08 3.92 0.00	67.27 3.87 0.00	68.77 4.14 0.00	85.23 5.43 0.00	102.23 6.51 0.00	116.89 7.64 0.00	105.40 6.71 0.00	99.96 6.37 0.00	86.18 5.33 0.00	80.89 5.01 0.00	77.55 4.53 0.00
DANC___LFGE 323619	83.58 1.24 0.00	77.07 1.06 0.00	72.78 0.87 0.00	73.70 0.58 0.00	79.44 1.02 0.00	74.51 0.74 0.00	83.33 0.91 0.00	79.22 1.09 0.00	70.16 0.83 0.00	65.26 0.65 0.00	63.45 0.94 0.00	63.83 0.70 0.00	65.82 0.91 0.00	63.98 0.82 0.00	64.29 0.89 0.00	65.66 1.03 0.00	81.48 1.68 0.00	98.59 2.87 0.00	112.41 3.17 0.00	101.35 2.67 0.00	96.02 2.43 0.00	82.87 2.02 0.00	77.71 1.82 0.00	74.62 1.60 0.00
DANSKAMMER___1 23586	86.38 4.03 0.00	79.65 3.65 0.00	75.36 3.45 0.00	76.63 3.51 0.00	82.04 3.61 0.00	77.10 3.32 0.00	86.30 3.87 0.00	81.56 3.43 0.00	72.44 3.12 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.87 2.71 0.00	66.06 2.66 0.00	67.41 2.78 0.00	83.40 3.59 0.00	100.12 4.41 0.00	114.59 5.35 0.00	103.42 4.74 0.00	97.99 4.40 0.00	84.32 3.47 0.00	79.22 3.34 0.00	75.64 2.62 0.00
DANSKAMMER___2 23589	86.38 4.03 0.00	79.65 3.65 0.00	75.36 3.45 0.00	76.63 3.51 0.00	82.04 3.61 0.00	77.10 3.32 0.00	86.30 3.87 0.00	81.56 3.43 0.00	72.44 3.12 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.87 2.71 0.00	66.06 2.66 0.00	67.41 2.78 0.00	83.40 3.59 0.00	100.12 4.41 0.00	114.59 5.35 0.00	103.42 4.74 0.00	97.99 4.40 0.00	84.32 3.47 0.00	79.22 3.34 0.00	75.64 2.62 0.00
DANSKAMMER___3 23590	86.38 4.03 0.00	79.65 3.65 0.00	75.36 3.45 0.00	76.63 3.51 0.00	82.04 3.61 0.00	77.10 3.32 0.00	86.30 3.87 0.00	81.56 3.43 0.00	72.44 3.12 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.87 2.71 0.00	66.06 2.66 0.00	67.41 2.78 0.00	83.40 3.59 0.00	100.12 4.41 0.00	114.59 5.35 0.00	103.42 4.74 0.00	97.99 4.40 0.00	84.32 3.47 0.00	79.22 3.34 0.00	75.64 2.62 0.00

DANSKAMMER___4 23591	86.38 4.03 0.00	79.65 3.65 0.00	75.36 3.45 0.00	76.63 3.51 0.00	82.04 3.61 0.00	77.10 3.32 0.00	86.30 3.87 0.00	81.56 3.43 0.00	72.44 3.12 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.87 2.71 0.00	66.06 2.66 0.00	67.41 2.78 0.00	83.40 3.59 0.00	100.12 4.41 0.00	114.59 5.35 0.00	103.42 4.74 0.00	97.99 4.40 0.00	84.32 3.47 0.00	79.22 3.34 0.00	75.64 2.62 0.00
DANSKAMMER___DIESEL 23592	86.38 4.03 0.00	79.65 3.65 0.00	75.36 3.45 0.00	76.63 3.51 0.00	82.03 3.61 0.00	77.09 3.32 0.00	86.30 3.87 0.00	81.56 3.44 0.00	72.44 3.12 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.88 2.72 0.00	66.06 2.66 0.00	67.41 2.78 0.00	83.39 3.59 0.00	100.12 4.40 0.00	114.60 5.35 0.00	103.42 4.74 0.00	97.99 4.40 0.00	84.33 3.48 0.00	79.23 3.34 0.00	75.65 2.63 0.00
DARBY___SOLAR 323810	87.86 5.52 0.00	81.10 5.09 0.00	76.65 4.74 0.00	77.95 4.82 0.00	83.45 5.02 0.00	78.64 4.87 0.00	87.86 5.44 0.00	83.05 4.92 0.00	73.41 4.09 0.00	68.56 3.94 0.00	66.20 3.69 0.00	66.85 3.72 0.00	68.47 3.57 0.00	66.76 3.60 0.00	66.95 3.55 0.00	68.44 3.81 0.00	84.75 4.95 0.00	101.66 5.94 0.00	116.24 7.00 0.00	104.91 6.22 0.00	99.39 5.80 0.00	85.70 4.85 0.00	80.52 4.63 0.00	77.18 4.16 0.00
DASHVILLE___HYD 23610	85.80 3.46 0.00	79.12 3.12 0.00	74.86 2.95 0.00	76.12 3.00 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.64 3.21 0.00	80.94 2.81 0.00	71.89 2.56 0.00	67.07 2.46 0.00	64.83 2.31 0.00	65.21 2.08 0.00	67.05 2.14 0.00	65.31 2.15 0.00	65.56 2.16 0.00	66.89 2.26 0.00	82.75 2.95 0.00	99.36 3.64 0.00	113.72 4.48 0.00	102.63 3.95 0.00	97.24 3.65 0.00	83.68 2.83 0.00	78.62 2.73 0.00	75.14 2.12 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	97.94 6.67 -8.93	101.22 6.08 -19.13	88.33 5.54 -10.89	85.30 5.63 -6.55	84.81 5.88 -0.50	95.78 5.61 -16.40	103.11 6.68 -14.01	103.65 6.09 -19.43	84.86 5.13 -10.41	81.86 4.91 -12.34	66.95 4.44 0.00	66.79 3.66 0.00	68.61 3.70 0.00	66.63 3.47 0.00	67.14 3.74 0.00	68.90 4.27 0.00	96.18 5.59 -10.80	139.21 7.27 -36.22	137.28 8.19 -19.84	127.08 7.60 -20.79	118.41 7.77 -17.06	103.43 6.87 -15.70	96.74 6.75 -14.10	94.34 6.28 -15.04
DELAWARE___LFGE 323621	84.65 2.31 0.00	78.06 2.05 0.00	73.85 1.94 0.00	74.95 1.83 0.00	80.47 2.04 0.00	75.69 1.92 0.00	84.65 2.23 0.00	80.24 2.11 0.00	71.05 1.73 0.00	66.29 1.68 0.00	64.14 1.63 0.00	64.71 1.58 0.00	66.53 1.62 0.00	64.74 1.58 0.00	64.99 1.59 0.00	66.18 1.55 0.00	81.88 2.07 0.00	98.49 2.78 0.00	112.52 3.28 0.00	101.55 2.86 0.00	96.30 2.71 0.00	82.87 2.02 0.00	77.86 1.97 0.00	74.70 1.68 0.00
DERFIELD_115KV_TB7 355931	82.92 0.58 0.00	76.54 0.53 0.00	72.41 0.50 0.00	73.56 0.44 0.00	78.90 0.47 0.00	74.22 0.44 0.00	83.00 0.58 0.00	78.67 0.55 0.00	69.74 0.42 0.00	65.07 0.45 0.00	62.95 0.44 0.00	63.57 0.44 0.00	65.30 0.39 0.00	63.60 0.44 0.00	63.84 0.44 0.00	65.02 0.39 0.00	80.28 0.48 0.00	96.10 0.38 0.00	109.68 0.44 0.00	99.08 0.39 0.00	93.96 0.37 0.00	81.09 0.24 0.00	76.19 0.30 0.00	73.24 0.22 0.00
DOGLEVILLE___HYD 23807	85.06 2.71 0.00	78.28 2.28 0.00	73.85 1.94 0.00	74.95 1.83 0.00	80.54 2.12 0.00	75.84 2.06 0.00	84.82 2.39 0.00	80.47 2.34 0.00	71.40 2.08 0.00	66.68 2.07 0.00	64.70 2.19 0.00	65.34 2.21 0.00	67.18 2.27 0.00	65.31 2.15 0.00	65.62 2.22 0.00	66.96 2.32 0.00	82.83 3.03 0.00	99.26 3.54 0.00	113.39 4.15 0.00	102.44 3.75 0.00	97.24 3.65 0.00	84.00 3.15 0.00	79.07 3.19 0.00	76.09 3.07 0.00
DUNKIRK___115KV_TB_200 55889	76.99 -5.35 0.00	70.76 -5.24 0.00	68.03 -3.88 0.00	68.88 -4.24 0.00	73.56 -4.86 0.00	70.82 -2.95 0.00	78.14 -4.29 0.00	73.83 -4.30 0.00	65.37 -3.95 0.00	61.51 -3.10 0.00	59.39 -3.13 0.00	60.04 -3.09 0.00	61.92 -2.99 0.00	59.94 -3.22 0.00	60.42 -2.98 0.00	61.47 -3.17 0.00	75.33 -4.47 0.00	90.74 -4.98 0.00	103.13 -6.12 0.00	93.26 -5.43 0.00	89.38 -4.21 0.00	76.40 -4.45 0.00	72.93 -2.96 0.00	71.05 -1.97 0.00
DUNKIRK___1 23563	76.99 -5.35 0.00	70.76 -5.24 0.00	68.03 -3.88 0.00	68.88 -4.24 0.00	73.56 -4.86 0.00	70.82 -2.95 0.00	78.14 -4.29 0.00	73.83 -4.30 0.00	65.37 -3.95 0.00	61.51 -3.10 0.00	59.39 -3.13 0.00	60.04 -3.09 0.00	61.92 -2.99 0.00	59.94 -3.22 0.00	60.42 -2.98 0.00	61.47 -3.17 0.00	75.33 -4.47 0.00	90.74 -4.98 0.00	103.13 -6.12 0.00	93.26 -5.43 0.00	89.38 -4.21 0.00	76.40 -4.45 0.00	72.93 -2.96 0.00	71.05 -1.97 0.00
DUNKIRK___2 23564	76.99 -5.35 0.00	70.76 -5.24 0.00	68.03 -3.88 0.00	68.88 -4.24 0.00	73.56 -4.86 0.00	70.82 -2.95 0.00	78.14 -4.29 0.00	73.83 -4.30 0.00	65.37 -3.95 0.00	61.51 -3.10 0.00	59.39 -3.13 0.00	60.04 -3.09 0.00	61.92 -2.99 0.00	59.94 -3.22 0.00	60.42 -2.98 0.00	61.47 -3.17 0.00	75.33 -4.47 0.00	90.74 -4.98 0.00	103.13 -6.12 0.00	93.26 -5.43 0.00	89.38 -4.21 0.00	76.40 -4.45 0.00	72.93 -2.96 0.00	71.05 -1.97 0.00
DUNKIRK___3 23565	76.74 -5.60 0.00	70.61 -5.40 0.00	67.81 -4.10 0.00	68.66 -4.46 0.00	73.25 -5.18 0.00	70.53 -3.25 0.00	77.73 -4.70 0.00	73.36 -4.77 0.00	65.02 -4.30 0.00	61.12 -3.49 0.00	58.95 -3.56 0.00	59.66 -3.47 0.00	61.53 -3.38 0.00	59.56 -3.60 0.00	60.04 -3.36 0.00	61.01 -3.62 0.00	74.77 -5.03 0.00	90.07 -5.65 0.00	102.25 -6.99 0.00	92.57 -6.12 0.00	88.72 -4.87 0.00	75.92 -4.93 0.00	72.47 -3.41 0.00	70.68 -2.34 0.00
DUNKIRK___4 23566	76.74 -5.60 0.00	70.61 -5.40 0.00	67.81 -4.10 0.00	68.66 -4.46 0.00	73.25 -5.18 0.00	70.53 -3.25 0.00	77.73 -4.70 0.00	73.36 -4.77 0.00	65.02 -4.30 0.00	61.12 -3.49 0.00	58.95 -3.56 0.00	59.66 -3.47 0.00	61.53 -3.38 0.00	59.56 -3.60 0.00	60.04 -3.36 0.00	61.01 -3.62 0.00	74.77 -5.03 0.00	90.07 -5.65 0.00	102.25 -6.99 0.00	92.57 -6.12 0.00	88.72 -4.87 0.00	75.92 -4.93 0.00	72.47 -3.41 0.00	70.68 -2.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	86.05 3.71 0.00	79.27 3.27 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.56 3.14 0.00	76.65 2.88 0.00	85.81 3.38 0.00	81.25 3.13 0.00	72.16 2.84 0.00	67.52 2.91 0.00	65.33 2.81 0.00	65.72 2.59 0.00	67.50 2.60 0.00	65.81 2.65 0.00	66.00 2.60 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.28 2.26 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	85.64 3.29 0.00	78.97 2.96 0.00	74.71 2.80 0.00	75.90 2.78 0.00	81.33 2.90 0.00	76.43 2.66 0.00	85.56 3.13 0.00	80.86 2.73 0.00	71.82 2.50 0.00	67.07 2.46 0.00	64.83 2.31 0.00	65.28 2.15 0.00	67.05 2.14 0.00	65.31 2.15 0.00	65.56 2.16 0.00	66.89 2.26 0.00	82.59 2.79 0.00	99.26 3.54 0.00	113.50 4.26 0.00	102.53 3.85 0.00	97.05 3.46 0.00	83.60 2.75 0.00	78.54 2.66 0.00	74.99 1.97 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	86.46 4.12 0.00	79.50 3.50 0.00	75.00 3.09 0.00	76.34 3.22 0.00	81.49 3.06 0.00	76.21 2.43 0.00	85.31 2.88 0.00	80.78 2.66 0.00	72.03 2.70 0.00	67.46 2.84 0.00	65.26 2.75 0.00	65.66 2.53 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.28 2.65 0.00	82.83 3.03 0.00	99.36 3.64 0.00	113.72 4.48 0.00	102.63 3.95 0.00	97.24 3.65 0.00	83.68 2.83 0.00	78.70 2.81 0.00	75.36 2.34 0.00
E179THST_13_KV_LOAD 356214	86.79 4.45 0.00	79.81 3.80 0.00	75.29 3.38 0.00	76.56 3.44 0.00	81.80 3.37 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.17 3.05 0.00	72.30 2.98 0.00	67.78 3.17 0.00	65.51 3.00 0.00	65.91 2.78 0.00	67.76 2.86 0.00	66.07 2.91 0.00	66.25 2.85 0.00	67.54 2.91 0.00	83.23 3.43 0.00	99.83 4.12 0.00	114.27 5.03 0.00	103.13 4.44 0.00	97.71 4.12 0.00	84.08 3.23 0.00	79.07 3.19 0.00	75.65 2.63 0.00
EAST HAMPTON___GT 23717	97.37 6.09 -8.93	100.61 5.48 -19.13	87.75 4.96 -10.89	84.79 5.12 -6.55	84.18 5.26 -0.50	95.26 5.09 -16.40	102.53 6.10 -14.01	103.10 5.55 -19.43	84.51 4.78 -10.41	81.47 4.52 -12.34	66.26 3.75 0.00	66.10 2.97 0.00	67.89 2.99 0.00	65.87 2.71 0.00	66.38 2.98 0.00	68.18 3.55 0.00	95.22 4.63 -10.80	138.25 6.32 -36.22	136.73 7.64 -19.84	127.08 7.60 -20.79	118.32 7.68 -17.06	103.51 6.95 -15.70	97.04 7.06 -14.10	94.92 6.86 -15.04
EAST RIVER___6 23660	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.72 2.59 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	83.00 3.20 0.00	99.45 3.73 0.00	113.83 4.59 0.00	102.83 4.14 0.00	97.43 3.84 0.00	83.76 2.91 0.00	78.70 2.81 0.00	75.14 2.12 0.00
EAST RIVER___7 23524	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.72 2.59 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	83.00 3.20 0.00	99.45 3.73 0.00	113.83 4.59 0.00	102.83 4.14 0.00	97.43 3.84 0.00	83.76 2.91 0.00	78.70 2.81 0.00	75.14 2.12 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	85.97 3.62 0.00	79.20 3.19 0.00	74.86 2.95 0.00	76.12 3.00 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.72 3.30 0.00	81.10 2.97 0.00	72.03 2.70 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.37 2.47 0.00	65.69 2.53 0.00	65.87 2.47 0.00	67.22 2.59 0.00	82.91 3.11 0.00	99.45 3.73 0.00	113.83 4.59 0.00	102.73 4.05 0.00	97.33 3.74 0.00	83.76 2.91 0.00	78.77 2.88 0.00	75.21 2.19 0.00
EAST_HAMPTON___DIESEL 23722	97.12 5.85 -8.93	100.46 5.32 -19.13	87.61 4.82 -10.89	84.57 4.90 -6.55	84.02 5.09 -0.50	95.12 4.94 -16.40	102.28 5.85 -14.01	102.94 5.39 -19.43	84.38 4.65 -10.41	81.41 4.45 -12.34	66.14 3.62 0.00	65.97 2.84 0.00	67.76 2.85 0.00	65.75 2.59 0.00	66.19 2.79 0.00	67.99 3.36 0.00	94.98 4.39 -10.80	137.97 6.03 -36.22	136.51 7.43 -19.84	126.88 7.41 -20.79	118.22 7.58 -17.06	103.42 6.87 -15.70	96.96 6.98 -14.10	94.92 6.86 -15.04
EAST_POINT___SOLAR 323840	88.68 6.34 0.00	81.71 5.70 0.00	77.23 5.32 0.00	78.46 5.33 0.00	84.08 5.65 0.00	79.31 5.54 0.00	88.61 6.19 0.00	83.51 5.39 0.00	72.72 3.40 0.00	67.33 2.71 0.00	64.83 2.31 0.00	64.90 1.77 0.00	66.85 1.95 0.00	65.37 2.21 0.00	65.30 1.90 0.00	67.47 2.84 0.00	85.55 5.75 0.00	103.66 7.94 0.00	118.64 9.40 0.00	106.98 8.29 0.00	101.27 7.68 0.00	86.92 6.07 0.00	81.50 5.62 0.00	77.84 4.82 0.00
EAST_PULASKI___ESR 323781	82.34 0.00 0.00	75.93 -0.08 0.00	71.77 -0.14 0.00	72.76 -0.36 0.00	78.19 -0.23 0.00	73.55 -0.22 0.00	82.18 -0.25 0.00	78.05 -0.08 0.00	69.18 -0.14 0.00	64.55 -0.06 0.00	62.70 0.19 0.00	63.13 0.00 0.00	65.10 0.20 0.00	63.22 0.06 0.00	63.59 0.19 0.00	64.89 0.26 0.00	80.20 0.40 0.00	97.25 1.53 0.00	110.88 1.64 0.00	99.97 1.28 0.00	94.80 1.21 0.00	81.74 0.89 0.00	76.65 0.76 0.00	73.53 0.51 0.00
EAST_RIVER___1 323558	86.05 3.71 0.00	79.27 3.27 0.00	74.86 2.95 0.00	76.12 3.00 0.00	81.48 3.06 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.17 3.04 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.33 2.82 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.81 2.65 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.93 0.00	114.04 4.80 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.84 2.96 0.00	75.21 2.19 0.00
EAST_RIVER___2 323559	85.96 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.43 2.65 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.10 2.78 0.00	67.52 2.91 0.00	65.26 2.75 0.00	65.72 2.59 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.22 2.59 0.00	83.00 3.20 0.00	99.45 3.73 0.00	113.83 4.59 0.00	102.83 4.14 0.00	97.43 3.84 0.00	83.76 2.91 0.00	78.70 2.81 0.00	75.14 2.12 0.00
EAST___DELAWARE_HYD 23607	85.64 3.30 0.00	78.97 2.96 0.00	74.79 2.88 0.00	75.90 2.78 0.00	81.41 2.98 0.00	76.50 2.73 0.00	85.73 3.30 0.00	80.94 2.81 0.00	71.81 2.49 0.00	66.87 2.26 0.00	64.64 2.13 0.00	64.96 1.83 0.00	66.79 1.88 0.00	65.05 1.89 0.00	65.30 1.90 0.00	66.70 2.07 0.00	82.67 2.87 0.00	99.45 3.73 0.00	113.83 4.59 0.00	102.83 4.14 0.00	97.34 3.75 0.00	83.68 2.83 0.00	78.62 2.73 0.00	74.99 1.97 0.00
EIGHT_POINT___WT_PWR 323820	78.80 -3.54 0.00	72.59 -3.42 0.00	69.32 -2.59 0.00	70.12 -3.00 0.00	75.06 -3.37 0.00	72.00 -1.77 0.00	79.96 -2.47 0.00	75.70 -2.42 0.00	67.04 -2.29 0.00	62.68 -1.94 0.00	60.57 -1.94 0.00	61.24 -1.89 0.00	63.35 -1.56 0.00	61.52 -1.64 0.00	61.94 -1.46 0.00	63.27 -1.36 0.00	78.04 -1.76 0.00	94.47 -1.25 0.00	107.49 -1.75 0.00	97.10 -1.58 0.00	92.65 -0.94 0.00	79.31 -1.54 0.00	74.98 -0.91 0.00	72.43 -0.59 0.00
ELBRIDGE_115KV_TB2 80188	79.95 -2.39 0.00	73.73 -2.28 0.00	69.75 -2.16 0.00	70.85 -2.27 0.00	75.92 -2.51 0.00	71.71 -2.07 0.00	80.04 -2.39 0.00	75.94 -2.19 0.00	67.38 -1.94 0.00	62.87 -1.74 0.00	60.82 -1.69 0.00	61.36 -1.77 0.00	63.22 -1.69 0.00	61.46 -1.71 0.00	61.75 -1.65 0.00	62.89 -1.75 0.00	77.65 -2.15 0.00	94.00 -1.72 0.00	107.17 -2.08 0.00	96.71 -1.97 0.00	91.81 -1.78 0.00	79.07 -1.78 0.00	74.29 -1.59 0.00	71.41 -1.61 0.00
ELEC_TRO_TEK 24086	96.05 4.78 -8.93	99.40 4.26 -19.13	86.75 3.96 -10.89	83.69 4.02 -6.55	83.08 4.16 -0.50	94.08 3.91 -16.40	100.97 4.53 -14.01	101.70 4.14 -19.43	83.55 3.81 -10.41	80.76 3.81 -12.34	66.14 3.63 0.00	66.35 3.22 0.00	68.15 3.25 0.00	66.32 3.16 0.00	66.63 3.23 0.00	68.12 3.49 0.00	94.91 4.31 -10.80	137.10 5.17 -36.22	135.31 6.23 -19.84	125.01 5.53 -20.79	115.79 5.15 -17.06	100.68 4.12 -15.70	94.01 4.02 -14.10	91.35 3.29 -15.04

ELLENBURG_WT_PWR 323604	81.85 -0.49 0.00	75.85 -0.15 0.00	71.84 -0.07 0.00	73.34 0.22 0.00	78.98 0.55 0.00	73.92 0.15 0.00	82.18 -0.25 0.00	78.28 0.16 0.00	69.60 0.28 0.00	64.42 -0.19 0.00	62.26 -0.25 0.00	63.00 -0.13 0.00	64.91 0.00 0.00	63.16 0.00 0.00	63.40 0.00 0.00	64.89 0.26 0.00	80.60 0.80 0.00	96.48 0.76 0.00	110.22 0.98 0.00	99.67 0.99 0.00	94.62 1.03 0.00	82.38 1.53 0.00	77.18 1.29 0.00	74.91 1.90 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	75.67 -6.67 0.00	69.70 -6.31 0.00	66.95 -4.96 0.00	67.71 -5.41 0.00	72.23 -6.20 0.00	69.49 -4.28 0.00	76.49 -5.93 0.00	72.03 -6.09 0.00	63.78 -5.55 0.00	59.96 -4.65 0.00	57.82 -4.69 0.00	58.52 -4.61 0.00	60.30 -4.61 0.00	58.42 -4.74 0.00	58.84 -4.56 0.00	59.72 -4.91 0.00	72.94 -6.86 0.00	87.87 -7.85 0.00	99.74 -9.50 0.00	90.30 -8.39 0.00	86.76 -6.83 0.00	74.38 -6.47 0.00	71.18 -4.71 0.00	69.66 -3.36 0.00
EMPIRE_CC_1 323656	85.64 3.30 0.00	79.05 3.04 0.00	74.79 2.88 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.58 2.80 0.00	85.56 3.13 0.00	80.94 2.81 0.00	71.75 2.43 0.00	67.07 2.45 0.00	64.89 2.37 0.00	65.47 2.34 0.00	67.18 2.27 0.00	65.50 2.34 0.00	65.68 2.28 0.00	66.83 2.20 0.00	82.43 2.63 0.00	98.69 2.97 0.00	112.63 3.39 0.00	101.75 3.06 0.00	96.58 2.99 0.00	83.44 2.59 0.00	78.39 2.50 0.00	75.36 2.34 0.00
EMPIRE_CC_2 323658	85.64 3.30 0.00	79.05 3.04 0.00	74.79 2.88 0.00	76.05 2.93 0.00	81.33 2.90 0.00	76.58 2.80 0.00	85.56 3.13 0.00	80.94 2.81 0.00	71.75 2.43 0.00	67.07 2.45 0.00	64.89 2.37 0.00	65.47 2.34 0.00	67.18 2.27 0.00	65.50 2.34 0.00	65.68 2.28 0.00	66.83 2.20 0.00	82.43 2.63 0.00	98.69 2.97 0.00	112.63 3.39 0.00	101.75 3.06 0.00	96.58 2.99 0.00	83.44 2.59 0.00	78.39 2.50 0.00	75.36 2.34 0.00
ENORWICH_115KV_TB1 80156	88.27 5.93 0.00	81.40 5.40 0.00	76.94 5.03 0.00	77.43 4.31 0.00	83.76 5.33 0.00	78.79 5.02 0.00	88.36 5.93 0.00	84.06 5.94 0.00	74.24 4.92 0.00	68.88 4.26 0.00	66.70 4.19 0.00	66.98 3.85 0.00	69.13 4.22 0.00	67.08 3.92 0.00	67.46 4.06 0.00	68.90 4.27 0.00	85.95 6.14 0.00	104.52 8.81 0.00	119.18 9.94 0.00	107.57 8.88 0.00	102.01 8.42 0.00	87.32 6.47 0.00	82.03 6.15 0.00	78.64 5.62 0.00
ERIE_ST__34_KV_TB1-2 80199	77.73 -4.61 0.00	71.45 -4.56 0.00	68.67 -3.24 0.00	69.46 -3.66 0.00	74.11 -4.31 0.00	71.34 -2.43 0.00	78.55 -3.87 0.00	74.06 -4.06 0.00	65.58 -3.74 0.00	61.64 -2.97 0.00	59.45 -3.06 0.00	60.16 -2.97 0.00	62.05 -2.86 0.00	60.07 -3.09 0.00	60.55 -2.85 0.00	61.53 -3.10 0.00	75.33 -4.47 0.00	90.74 -4.98 0.00	103.02 -6.23 0.00	93.26 -5.43 0.00	89.57 -4.02 0.00	76.65 -4.20 0.00	73.23 -2.66 0.00	71.56 -1.46 0.00
ERIE_WT_PWR 323693	76.34 -6.01 0.00	70.23 -5.78 0.00	67.45 -4.46 0.00	68.29 -4.83 0.00	72.78 -5.65 0.00	70.09 -3.69 0.00	77.15 -5.28 0.00	72.74 -5.39 0.00	64.40 -4.92 0.00	60.48 -4.14 0.00	58.51 -4.00 0.00	59.09 -4.04 0.00	60.88 -4.02 0.00	58.99 -4.17 0.00	59.41 -3.99 0.00	60.36 -4.27 0.00	73.81 -5.99 0.00	88.92 -6.79 0.00	100.94 -8.31 0.00	91.28 -7.40 0.00	87.79 -5.80 0.00	75.19 -5.66 0.00	71.94 -3.95 0.00	70.32 -2.70 0.00
ESPRGFLD_115KV_TB1 80157	85.47 3.13 0.00	78.82 2.81 0.00	74.50 2.59 0.00	75.53 2.41 0.00	81.25 2.82 0.00	76.50 2.73 0.00	85.56 3.13 0.00	81.02 2.89 0.00	71.40 2.08 0.00	66.42 1.81 0.00	64.26 1.75 0.00	64.71 1.58 0.00	66.53 1.62 0.00	64.80 1.64 0.00	64.99 1.59 0.00	66.51 1.87 0.00	82.99 3.19 0.00	100.22 4.50 0.00	114.60 5.35 0.00	103.32 4.64 0.00	97.89 4.31 0.00	84.00 3.15 0.00	78.85 2.96 0.00	75.43 2.41 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	82.59 0.25 0.00	76.08 0.08 0.00	72.05 0.14 0.00	73.05 -0.07 0.00	78.43 0.00 0.00	74.07 0.30 0.00	82.76 0.33 0.00	78.52 0.39 0.00	69.60 0.28 0.00	64.87 0.26 0.00	62.76 0.25 0.00	63.32 0.19 0.00	65.23 0.32 0.00	63.35 0.19 0.00	63.72 0.32 0.00	64.96 0.32 0.00	80.36 0.56 0.00	97.35 1.63 0.00	110.88 1.64 0.00	100.07 1.38 0.00	94.99 1.40 0.00	81.66 0.81 0.00	76.65 0.76 0.00	73.68 0.66 0.00
ETNA____115KV_TB2 80207	82.59 0.25 0.00	76.08 0.08 0.00	72.05 0.14 0.00	73.05 -0.07 0.00	78.43 0.00 0.00	74.07 0.30 0.00	82.76 0.33 0.00	78.52 0.39 0.00	69.60 0.28 0.00	64.87 0.26 0.00	62.76 0.25 0.00	63.32 0.19 0.00	65.23 0.32 0.00	63.35 0.19 0.00	63.72 0.32 0.00	64.96 0.32 0.00	80.36 0.56 0.00	97.35 1.63 0.00	110.88 1.64 0.00	100.07 1.38 0.00	94.99 1.40 0.00	81.66 0.81 0.00	76.65 0.76 0.00	73.68 0.66 0.00
EUCLID__115KV_TB2 356179	79.38 -2.96 0.00	73.19 -2.81 0.00	69.32 -2.59 0.00	70.34 -2.78 0.00	75.37 -3.06 0.00	71.19 -2.58 0.00	79.46 -2.97 0.00	75.31 -2.81 0.00	66.83 -2.50 0.00	62.42 -2.20 0.00	60.39 -2.13 0.00	60.92 -2.21 0.00	62.76 -2.14 0.00	61.01 -2.15 0.00	61.31 -2.09 0.00	62.43 -2.20 0.00	77.01 -2.79 0.00	93.42 -2.30 0.00	106.51 -2.73 0.00	96.12 -2.57 0.00	91.25 -2.34 0.00	78.67 -2.18 0.00	73.84 -2.05 0.00	71.05 -1.97 0.00
E_CANADA_CAP_HY 24051	86.70 4.36 0.00	79.96 3.95 0.00	75.58 3.67 0.00	76.77 3.65 0.00	82.35 3.92 0.00	77.61 3.83 0.00	86.55 4.12 0.00	81.80 3.67 0.00	71.75 2.43 0.00	66.74 2.13 0.00	64.57 2.06 0.00	64.96 1.83 0.00	66.72 1.81 0.00	65.12 1.96 0.00	65.24 1.84 0.00	67.03 2.39 0.00	84.03 4.23 0.00	101.36 5.65 0.00	116.02 6.78 0.00	104.61 5.92 0.00	99.02 5.43 0.00	85.05 4.20 0.00	79.76 3.87 0.00	76.23 3.21 0.00
E_CANADA_MHWK_HY 24050	85.06 2.71 0.00	78.28 2.28 0.00	73.85 1.94 0.00	74.95 1.83 0.00	80.54 2.12 0.00	75.84 2.06 0.00	84.82 2.39 0.00	80.47 2.34 0.00	71.40 2.08 0.00	66.68 2.07 0.00	64.70 2.19 0.00	65.34 2.21 0.00	67.18 2.27 0.00	65.31 2.15 0.00	65.62 2.22 0.00	66.96 2.32 0.00	82.83 3.03 0.00	99.26 3.54 0.00	113.39 4.15 0.00	102.44 3.75 0.00	97.24 3.65 0.00	84.00 3.15 0.00	79.07 3.19 0.00	76.09 3.07 0.00
E_FISHKILL__LBMP 23776	85.72 3.38 0.00	78.97 2.96 0.00	74.64 2.73 0.00	75.90 2.78 0.00	81.25 2.82 0.00	76.43 2.66 0.00	85.56 3.13 0.00	80.94 2.81 0.00	71.89 2.56 0.00	67.20 2.58 0.00	65.01 2.50 0.00	65.47 2.34 0.00	67.18 2.27 0.00	65.50 2.34 0.00	65.68 2.28 0.00	66.96 2.33 0.00	82.67 2.87 0.00	99.16 3.45 0.00	113.39 4.15 0.00	102.44 3.75 0.00	97.05 3.46 0.00	83.52 2.67 0.00	78.54 2.66 0.00	75.06 2.04 0.00
FALCON___SEABRD_CC1 323796	82.92 0.58 0.00	76.84 0.84 0.00	72.70 0.79 0.00	74.36 1.24 0.00	80.08 1.65 0.00	74.95 1.18 0.00	82.67 0.25 0.00	78.83 0.70 0.00	70.16 0.83 0.00	64.81 0.19 0.00	62.64 0.13 0.00	63.45 0.32 0.00	65.42 0.52 0.00	63.61 0.45 0.00	63.85 0.45 0.00	65.41 0.78 0.00	81.31 1.51 0.00	97.25 1.53 0.00	110.99 1.74 0.00	100.36 1.68 0.00	95.28 1.69 0.00	83.03 2.18 0.00	77.86 1.97 0.00	76.01 2.99 0.00

FALCON___SEABRD_CC2 323797	82.92 0.58 0.00	76.84 0.84 0.00	72.70 0.79 0.00	74.36 1.24 0.00	80.08 1.65 0.00	74.95 1.18 0.00	82.67 0.25 0.00	78.83 0.70 0.00	70.16 0.83 0.00	64.81 0.19 0.00	62.64 0.13 0.00	63.45 0.32 0.00	65.42 0.52 0.00	63.61 0.45 0.00	63.85 0.45 0.00	65.41 0.78 0.00	81.31 1.51 0.00	97.25 1.53 0.00	110.99 1.74 0.00	100.36 1.68 0.00	95.28 1.69 0.00	83.03 2.18 0.00	77.86 1.97 0.00	76.01 2.99 0.00
FAR ROCKAWAY___4 23548	97.12 5.85 -8.93	100.38 5.24 -19.13	87.61 4.82 -10.89	84.57 4.90 -6.55	84.02 5.10 -0.50	94.97 4.80 -16.40	101.95 5.52 -14.01	102.55 5.00 -19.43	84.31 4.58 -10.41	81.54 4.59 -12.34	66.95 4.44 0.00	67.11 3.98 0.00	69.00 4.09 0.00	67.08 3.92 0.00	67.46 4.06 0.00	68.96 4.33 0.00	95.86 5.27 -10.80	138.44 6.51 -36.22	136.95 7.87 -19.84	126.49 7.01 -20.79	117.10 6.46 -17.06	101.73 5.17 -15.70	94.99 5.01 -14.10	92.30 4.24 -15.04
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	86.13 3.79 0.00	79.35 3.34 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.56 3.14 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.25 3.13 0.00	72.23 2.91 0.00	67.71 3.10 0.00	65.45 2.94 0.00	65.85 2.71 0.00	67.57 2.66 0.00	65.88 2.72 0.00	66.06 2.66 0.00	67.41 2.78 0.00	83.15 3.35 0.00	99.64 3.92 0.00	114.16 4.92 0.00	103.03 4.34 0.00	97.61 4.02 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.28 2.26 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	86.13 3.79 0.00	79.35 3.34 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.56 3.14 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.25 3.13 0.00	72.23 2.91 0.00	67.71 3.10 0.00	65.45 2.94 0.00	65.85 2.71 0.00	67.57 2.66 0.00	65.88 2.72 0.00	66.13 2.73 0.00	67.41 2.78 0.00	83.15 3.35 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.03 4.34 0.00	97.61 4.02 0.00	84.00 3.15 0.00	78.92 3.04 0.00	75.28 2.26 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	86.13 3.79 0.00	79.27 3.27 0.00	74.86 2.95 0.00	76.19 3.07 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.17 3.05 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.81 2.65 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.85 2.96 0.00	75.28 2.26 0.00
FARRAGUT___LBMP 323566	86.05 3.71 0.00	79.20 3.19 0.00	74.86 2.95 0.00	76.12 3.00 0.00	81.41 2.98 0.00	76.50 2.73 0.00	85.72 3.30 0.00	81.17 3.05 0.00	72.16 2.84 0.00	67.59 2.97 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.50 2.60 0.00	65.81 2.65 0.00	66.00 2.60 0.00	67.28 2.65 0.00	82.99 3.19 0.00	99.55 3.83 0.00	113.94 4.70 0.00	102.83 4.14 0.00	97.43 3.84 0.00	83.84 2.99 0.00	78.85 2.96 0.00	75.21 2.19 0.00
FENNER___WINDPWR 24204	83.49 1.15 0.00	77.07 1.06 0.00	72.92 1.01 0.00	73.93 0.81 0.00	79.44 1.02 0.00	74.88 1.11 0.00	83.74 1.31 0.00	79.45 1.33 0.00	70.36 1.04 0.00	65.58 0.97 0.00	63.51 1.00 0.00	64.01 0.88 0.00	65.94 1.04 0.00	64.04 0.88 0.00	64.35 0.95 0.00	65.66 1.03 0.00	81.16 1.36 0.00	97.82 2.10 0.00	111.54 2.30 0.00	100.76 2.08 0.00	95.56 1.97 0.00	82.22 1.37 0.00	77.18 1.29 0.00	74.18 1.16 0.00
FIBERTEK___ENERGY 23856	80.70 -1.65 0.00	74.41 -1.60 0.00	70.40 -1.51 0.00	71.44 -1.68 0.00	76.62 -1.80 0.00	72.30 -1.48 0.00	80.78 -1.65 0.00	76.56 -1.56 0.00	67.94 -1.39 0.00	63.45 -1.16 0.00	61.45 -1.06 0.00	61.99 -1.14 0.00	63.87 -1.04 0.00	62.02 -1.14 0.00	62.39 -1.01 0.00	63.53 -1.10 0.00	78.44 -1.36 0.00	95.05 -0.67 0.00	108.37 -0.87 0.00	97.80 -0.89 0.00	92.75 -0.84 0.00	79.88 -0.97 0.00	74.98 -0.91 0.00	72.07 -0.95 0.00
FITZPATRICK____ 23598	78.47 -3.87 0.00	72.43 -3.57 0.00	68.60 -3.31 0.00	69.68 -3.44 0.00	74.66 -3.76 0.00	70.45 -3.32 0.00	78.64 -3.79 0.00	74.53 -3.59 0.00	66.13 -3.19 0.00	61.71 -2.91 0.00	59.70 -2.81 0.00	60.23 -2.90 0.00	62.05 -2.85 0.00	60.32 -2.84 0.00	60.61 -2.79 0.00	61.73 -2.91 0.00	76.13 -3.67 0.00	91.98 -3.73 0.00	104.87 -4.37 0.00	94.74 -3.95 0.00	89.94 -3.65 0.00	77.53 -3.32 0.00	72.85 -3.04 0.00	70.10 -2.92 0.00
FLOWRFLD_69_KV_BK1 356044	97.78 6.51 -8.93	100.99 5.85 -19.13	88.19 5.39 -10.89	85.15 5.48 -6.55	84.65 5.73 -0.50	95.63 5.46 -16.40	102.78 6.35 -14.01	103.41 5.86 -19.43	84.65 4.92 -10.41	81.80 4.85 -12.34	67.20 4.69 0.00	67.17 4.04 0.00	69.06 4.15 0.00	67.14 3.98 0.00	67.58 4.18 0.00	69.29 4.65 0.00	96.58 5.99 -10.80	139.40 7.47 -36.22	137.49 8.41 -19.84	127.08 7.60 -20.79	117.95 7.30 -17.06	102.62 6.06 -15.70	95.75 5.77 -14.10	93.10 5.04 -15.04
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	86.54 4.20 0.00	79.81 3.80 0.00	75.51 3.60 0.00	76.78 3.66 0.00	82.19 3.76 0.00	77.24 3.47 0.00	86.46 4.04 0.00	81.72 3.59 0.00	72.58 3.26 0.00	67.78 3.17 0.00	65.51 3.00 0.00	65.85 2.71 0.00	67.70 2.79 0.00	66.00 2.84 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.55 3.75 0.00	100.31 4.59 0.00	114.81 5.57 0.00	103.62 4.93 0.00	98.18 4.59 0.00	84.49 3.64 0.00	79.38 3.49 0.00	75.79 2.77 0.00
FORT ORANGE____ 23900	85.64 3.30 0.00	79.20 3.19 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.41 2.98 0.00	76.65 2.87 0.00	85.56 3.13 0.00	80.31 2.18 0.00	71.19 1.87 0.00	66.49 1.87 0.00	64.39 1.87 0.00	64.90 1.77 0.00	66.59 1.68 0.00	64.93 1.77 0.00	65.17 1.77 0.00	66.18 1.55 0.00	81.55 1.75 0.00	97.53 1.81 0.00	111.31 2.07 0.00	100.56 1.87 0.00	95.28 1.69 0.00	82.47 1.62 0.00	77.71 1.82 0.00	75.36 2.34 0.00
FORT_DRUM_COGEN 23780	85.55 3.21 0.00	78.97 2.96 0.00	74.50 2.59 0.00	75.31 2.19 0.00	81.49 3.06 0.00	76.21 2.43 0.00	85.31 2.88 0.00	81.25 3.13 0.00	71.89 2.56 0.00	66.68 2.07 0.00	64.76 2.25 0.00	65.15 2.02 0.00	67.18 2.27 0.00	65.31 2.15 0.00	65.62 2.22 0.00	67.15 2.52 0.00	83.63 3.83 0.00	101.08 5.36 0.00	115.14 5.90 0.00	103.92 5.23 0.00	98.36 4.77 0.00	84.81 3.96 0.00	79.61 3.72 0.00	76.38 3.36 0.00
FOX_HILLS___ESR 323835	116.15 4.12 -29.69	106.66 3.50 -27.15	101.36 3.09 -26.36	102.77 3.22 -26.43	106.20 3.14 -24.64	89.48 2.73 -12.98	101.72 3.38 -15.91	93.50 3.13 -12.25	97.94 3.12 -25.50	97.15 3.23 -29.30	95.72 3.13 -30.08	96.11 2.90 -30.08	70.18 2.99 -2.29	91.43 3.03 -25.24	90.43 3.04 -23.99	82.75 3.10 -15.02	151.90 3.67 -68.43	421.39 4.50 -321.17	315.66 5.46 -200.96	424.69 4.84 -321.17	298.01 4.49 -199.92	184.44 3.48 -100.11	84.92 3.41 -5.61	75.65 2.63 0.00
FPL FAR_ROCK_GT1 24212	97.12 5.85 -8.93	100.38 5.24 -19.13	87.61 4.82 -10.89	84.57 4.90 -6.55	84.02 5.09 -0.50	94.97 4.79 -16.40	101.96 5.52 -14.01	102.56 5.00 -19.43	84.31 4.57 -10.41	81.54 4.59 -12.34	66.95 4.44 0.00	67.11 3.98 0.00	69.00 4.09 0.00	67.08 3.92 0.00	67.46 4.06 0.00	68.96 4.33 0.00	95.86 5.27 -10.80	138.45 6.51 -36.22	136.95 7.87 -19.84	126.49 7.01 -20.79	117.10 6.45 -17.06	101.73 5.18 -15.70	94.99 5.01 -14.10	92.30 4.23 -15.04

FPL FAR_ROCK_GT2 23815	97.12 5.85 -8.93	100.38 5.24 -19.13	87.61 4.82 -10.89	84.57 4.90 -6.55	84.02 5.09 -0.50	94.97 4.79 -16.40	101.96 5.52 -14.01	102.56 5.00 -19.43	84.31 4.57 -10.41	81.54 4.59 -12.34	66.95 4.44 0.00	67.11 3.98 0.00	69.00 4.09 0.00	67.08 3.92 0.00	67.46 4.06 0.00	68.96 4.33 0.00	95.86 5.27 -10.80	138.45 6.51 -36.22	136.95 7.87 -19.84	126.49 7.01 -20.79	117.10 6.45 -17.06	101.73 5.18 -15.70	94.99 5.01 -14.10	92.30 4.23 -15.04
FRANKLIN_FALL_HYD 24054	83.50 1.15 0.00	77.45 1.44 0.00	73.20 1.29 0.00	74.80 1.68 0.00	80.70 2.27 0.00	75.32 1.55 0.00	83.66 1.24 0.00	79.85 1.72 0.00	71.12 1.80 0.00	65.71 1.10 0.00	63.64 1.13 0.00	64.46 1.33 0.00	66.53 1.62 0.00	64.61 1.45 0.00	64.80 1.39 0.00	66.38 1.75 0.00	82.51 2.71 0.00	98.11 2.39 0.00	111.86 2.62 0.00	101.05 2.37 0.00	95.93 2.34 0.00	83.84 2.99 0.00	78.70 2.81 0.00	76.23 3.21 0.00
FREEPORT_EQUS_GT1 23764	96.62 5.35 -8.93	99.85 4.71 -19.13	87.18 4.39 -10.89	84.13 4.46 -6.55	83.55 4.63 -0.50	94.45 4.28 -16.40	101.46 5.03 -14.01	102.08 4.53 -19.43	83.89 4.16 -10.41	81.15 4.20 -12.34	66.52 4.00 0.00	66.73 3.60 0.00	68.54 3.63 0.00	66.70 3.53 0.00	67.01 3.61 0.00	68.58 3.94 0.00	95.38 4.79 -10.80	137.49 5.55 -36.22	135.75 6.66 -19.84	125.40 5.92 -20.79	116.45 5.80 -17.06	101.24 4.69 -15.70	94.46 4.48 -14.10	91.78 3.72 -15.04
FREEPORT___CT2 23818	96.62 5.35 -8.93	99.85 4.71 -19.13	87.18 4.39 -10.89	84.13 4.46 -6.55	83.55 4.63 -0.50	94.45 4.28 -16.40	101.46 5.03 -14.01	102.08 4.53 -19.43	83.89 4.16 -10.41	81.15 4.20 -12.34	66.52 4.00 0.00	66.73 3.60 0.00	68.54 3.63 0.00	66.70 3.53 0.00	67.01 3.61 0.00	68.58 3.94 0.00	95.38 4.79 -10.80	137.49 5.55 -36.22	135.75 6.66 -19.84	125.40 5.92 -20.79	116.45 5.80 -17.06	101.24 4.69 -15.70	94.46 4.48 -14.10	91.78 3.72 -15.04
FRESHKLS_33_KV_LOAD 356253	115.90 3.87 -29.69	106.43 3.27 -27.15	101.14 2.88 -26.36	102.48 2.92 -26.43	105.89 2.82 -24.64	89.19 2.43 -12.98	101.47 3.13 -15.91	93.26 2.89 -12.25	97.66 2.84 -25.50	96.95 3.04 -29.30	88.84 2.94 -23.39	68.21 2.65 -2.43	69.99 2.79 -2.29	91.18 2.78 -25.24	90.18 2.79 -23.99	82.56 2.91 -15.02	151.66 3.43 -68.43	421.01 4.12 -321.17	315.33 5.13 -200.96	424.40 4.54 -321.17	297.72 4.21 -199.92	184.28 3.31 -100.11	84.69 3.19 -5.61	75.43 2.41 0.00
FULTON COGEN____ 23766	81.19 -1.15 0.00	74.79 -1.22 0.00	70.76 -1.15 0.00	71.80 -1.32 0.00	77.01 -1.41 0.00	72.67 -1.11 0.00	81.11 -1.32 0.00	77.03 -1.09 0.00	68.35 -0.97 0.00	63.84 -0.78 0.00	61.83 -0.69 0.00	62.37 -0.76 0.00	64.32 -0.58 0.00	62.47 -0.69 0.00	62.77 -0.63 0.00	63.99 -0.65 0.00	79.00 -0.80 0.00	96.01 0.29 0.00	109.46 0.22 0.00	98.69 0.00 0.00	93.59 0.00 0.00	80.53 -0.32 0.00	75.51 -0.38 0.00	72.51 -0.51 0.00
FULTON___LFGE 323630	87.94 5.60 0.00	81.10 5.09 0.00	76.65 4.74 0.00	77.87 4.75 0.00	83.45 5.02 0.00	78.64 4.87 0.00	87.86 5.44 0.00	82.97 4.85 0.00	72.86 3.53 0.00	67.84 3.23 0.00	65.58 3.06 0.00	66.04 2.91 0.00	67.76 2.85 0.00	66.13 2.97 0.00	66.26 2.86 0.00	68.06 3.42 0.00	85.07 5.27 0.00	102.52 6.80 0.00	117.33 8.08 0.00	105.80 7.11 0.00	100.23 6.65 0.00	86.10 5.25 0.00	80.75 4.86 0.00	77.18 4.16 0.00
G.F.CEMENT___DRP 24184	89.18 6.83 0.00	82.24 6.23 0.00	77.81 5.90 0.00	79.12 6.00 0.00	84.62 6.20 0.00	79.82 6.05 0.00	89.27 6.84 0.00	84.30 6.17 0.00	74.45 5.13 0.00	69.52 4.91 0.00	67.14 4.63 0.00	67.80 4.67 0.00	69.32 4.41 0.00	67.58 4.42 0.00	67.71 4.31 0.00	69.29 4.65 0.00	86.03 6.22 0.00	103.18 7.47 0.00	118.09 8.85 0.00	106.48 7.80 0.00	100.89 7.30 0.00	86.99 6.14 0.00	81.65 5.77 0.00	78.28 5.26 0.00
GARDENVILLE___LBMP 24039	76.08 -6.26 0.00	70.00 -6.00 0.00	67.24 -4.67 0.00	68.08 -5.05 0.00	72.62 -5.80 0.00	69.86 -3.91 0.00	76.90 -5.52 0.00	72.42 -5.70 0.00	64.19 -5.13 0.00	60.28 -4.33 0.00	58.14 -4.38 0.00	58.84 -4.29 0.00	60.69 -4.22 0.00	58.80 -4.36 0.00	59.22 -4.18 0.00	60.11 -4.52 0.00	73.50 -6.30 0.00	88.64 -7.08 0.00	100.50 -8.74 0.00	90.99 -7.70 0.00	87.41 -6.18 0.00	74.87 -5.98 0.00	71.64 -4.25 0.00	70.03 -2.99 0.00
GARDNVLA_35_KV_LD 355827	76.41 -5.93 0.00	70.31 -5.70 0.00	67.52 -4.39 0.00	68.37 -4.75 0.00	72.94 -5.49 0.00	70.16 -3.61 0.00	77.23 -5.19 0.00	72.81 -5.31 0.00	64.47 -4.85 0.00	60.61 -4.01 0.00	58.45 -4.06 0.00	59.15 -3.98 0.00	61.01 -3.89 0.00	59.06 -4.11 0.00	59.47 -3.93 0.00	60.43 -4.20 0.00	73.90 -5.91 0.00	89.02 -6.70 0.00	101.05 -8.19 0.00	91.48 -7.20 0.00	87.88 -5.71 0.00	75.27 -5.58 0.00	72.02 -3.87 0.00	70.39 -2.63 0.00
GELCKHM___115KV_LOAD 80723	79.87 -2.47 0.00	73.65 -2.36 0.00	69.68 -2.23 0.00	70.78 -2.34 0.00	75.84 -2.59 0.00	71.63 -2.14 0.00	79.95 -2.47 0.00	75.78 -2.34 0.00	67.24 -2.08 0.00	62.80 -1.81 0.00	60.76 -1.75 0.00	61.30 -1.83 0.00	63.15 -1.75 0.00	61.39 -1.77 0.00	61.69 -1.71 0.00	62.82 -1.81 0.00	77.57 -2.23 0.00	94.00 -1.72 0.00	107.28 -1.97 0.00	96.81 -1.88 0.00	91.81 -1.78 0.00	79.07 -1.78 0.00	74.29 -1.59 0.00	71.41 -1.61 0.00
GENERAL___MILLS 23808	76.33 -6.01 0.00	70.23 -5.78 0.00	67.45 -4.46 0.00	68.29 -4.83 0.00	72.78 -5.65 0.00	70.08 -3.69 0.00	77.15 -5.28 0.00	72.74 -5.39 0.00	64.40 -4.92 0.00	60.48 -4.14 0.00	58.39 -4.13 0.00	59.09 -4.04 0.00	60.95 -3.96 0.00	58.99 -4.17 0.00	59.41 -3.99 0.00	60.37 -4.27 0.00	73.74 -6.06 0.00	88.92 -6.80 0.00	100.83 -8.41 0.00	91.38 -7.30 0.00	87.79 -5.80 0.00	75.11 -5.74 0.00	71.87 -4.02 0.00	70.32 -2.70 0.00
GE_PLASTICS___DRP 24183	84.90 2.55 0.00	78.44 2.43 0.00	74.21 2.30 0.00	75.46 2.34 0.00	80.70 2.27 0.00	75.99 2.21 0.00	84.82 2.39 0.00	80.24 2.11 0.00	71.12 1.80 0.00	66.49 1.87 0.00	64.33 1.81 0.00	64.90 1.77 0.00	66.59 1.69 0.00	64.93 1.77 0.00	65.18 1.78 0.00	66.18 1.55 0.00	81.64 1.84 0.00	97.73 2.01 0.00	111.54 2.29 0.00	100.76 2.07 0.00	95.46 1.87 0.00	82.63 1.78 0.00	77.71 1.82 0.00	74.77 1.75 0.00
GILBOA___1 23756	84.40 2.06 0.00	77.91 1.90 0.00	73.71 1.80 0.00	74.87 1.75 0.00	80.23 1.81 0.00	75.54 1.77 0.00	84.40 1.97 0.00	79.84 1.72 0.00	70.84 1.52 0.00	66.16 1.55 0.00	64.01 1.50 0.00	64.77 1.64 0.00	66.59 1.68 0.00	64.80 1.64 0.00	65.05 1.65 0.00	66.05 1.42 0.00	81.55 1.75 0.00	97.82 2.10 0.00	111.76 2.51 0.00	100.85 2.17 0.00	95.65 2.06 0.00	82.47 1.62 0.00	77.55 1.67 0.00	74.40 1.38 0.00
GILBOA___2 23757	84.40 2.06 0.00	77.91 1.90 0.00	73.71 1.80 0.00	74.87 1.75 0.00	80.23 1.81 0.00	75.54 1.77 0.00	84.40 1.97 0.00	79.84 1.72 0.00	70.84 1.52 0.00	66.16 1.55 0.00	64.01 1.50 0.00	64.77 1.64 0.00	66.59 1.68 0.00	64.80 1.64 0.00	65.05 1.65 0.00	66.05 1.42 0.00	81.55 1.75 0.00	97.82 2.10 0.00	111.76 2.51 0.00	100.85 2.17 0.00	95.65 2.06 0.00	82.47 1.62 0.00	77.55 1.67 0.00	74.40 1.38 0.00

GILBOA___3 23758	84.40 2.06 0.00	77.91 1.90 0.00	73.71 1.80 0.00	74.87 1.75 0.00	80.23 1.81 0.00	75.54 1.77 0.00	84.40 1.97 0.00	79.84 1.72 0.00	70.84 1.52 0.00	66.16 1.55 0.00	64.01 1.50 0.00	64.77 1.64 0.00	66.59 1.68 0.00	64.80 1.64 0.00	65.05 1.65 0.00	66.05 1.42 0.00	81.55 1.75 0.00	97.82 2.10 0.00	111.76 2.51 0.00	100.85 2.17 0.00	95.65 2.06 0.00	82.47 1.62 0.00	77.55 1.67 0.00	74.40 1.38 0.00
GILBOA___4 23759	84.40 2.06 0.00	77.91 1.90 0.00	73.71 1.80 0.00	74.87 1.75 0.00	80.23 1.81 0.00	75.54 1.77 0.00	84.40 1.97 0.00	79.84 1.72 0.00	70.84 1.52 0.00	66.16 1.55 0.00	64.01 1.50 0.00	64.77 1.64 0.00	66.59 1.68 0.00	64.80 1.64 0.00	65.05 1.65 0.00	66.05 1.42 0.00	81.55 1.75 0.00	97.82 2.10 0.00	111.76 2.51 0.00	100.85 2.17 0.00	95.65 2.06 0.00	82.47 1.62 0.00	77.55 1.67 0.00	74.40 1.38 0.00
GILBOA___ 23599	84.40 2.06 0.00	77.91 1.90 0.00	73.71 1.80 0.00	74.88 1.75 0.00	80.23 1.80 0.00	75.54 1.77 0.00	84.40 1.98 0.00	79.85 1.72 0.00	70.85 1.53 0.00	66.16 1.55 0.00	64.01 1.50 0.00	64.77 1.64 0.00	66.59 1.69 0.00	64.80 1.64 0.00	65.05 1.65 0.00	66.05 1.42 0.00	81.56 1.76 0.00	97.82 2.11 0.00	111.76 2.51 0.00	100.86 2.17 0.00	95.65 2.06 0.00	82.47 1.62 0.00	77.56 1.67 0.00	74.41 1.39 0.00
GINNA___ 23603	74.36 -7.99 0.00	68.63 -7.37 0.00	65.15 -6.76 0.00	66.10 -7.02 0.00	70.58 -7.84 0.00	67.43 -6.34 0.00	74.93 -7.50 0.00	70.94 -7.19 0.00	62.88 -6.44 0.00	58.73 -5.88 0.00	56.82 -5.69 0.00	57.32 -5.81 0.00	59.19 -5.71 0.00	57.35 -5.81 0.00	57.63 -5.77 0.00	58.69 -5.95 0.00	72.14 -7.66 0.00	87.49 -8.23 0.00	99.52 -9.72 0.00	89.71 -8.98 0.00	85.63 -7.96 0.00	73.65 -7.20 0.00	69.59 -6.30 0.00	67.32 -5.70 0.00
GLEN PARK___ 23778	86.13 3.79 0.00	79.43 3.42 0.00	74.93 3.02 0.00	75.75 2.63 0.00	82.04 3.61 0.00	76.73 2.95 0.00	85.89 3.46 0.00	81.80 3.67 0.00	72.30 2.98 0.00	67.07 2.45 0.00	65.14 2.63 0.00	65.47 2.34 0.00	67.51 2.60 0.00	65.62 2.46 0.00	65.94 2.54 0.00	67.54 2.91 0.00	84.11 4.31 0.00	101.85 6.13 0.00	116.02 6.78 0.00	104.71 6.02 0.00	99.11 5.52 0.00	85.46 4.61 0.00	80.13 4.25 0.00	76.81 3.79 0.00
GLENDALE_27_KV_LOAD 356172	86.71 4.36 0.00	79.81 3.80 0.00	75.29 3.38 0.00	76.63 3.51 0.00	81.88 3.45 0.00	76.87 3.10 0.00	86.13 3.71 0.00	81.56 3.44 0.00	72.65 3.33 0.00	68.04 3.42 0.00	65.83 3.31 0.00	66.22 3.09 0.00	68.02 3.12 0.00	66.32 3.16 0.00	66.57 3.17 0.00	67.86 3.23 0.00	83.63 3.83 0.00	100.31 4.59 0.00	114.81 5.57 0.00	103.62 4.93 0.00	98.18 4.59 0.00	84.49 3.64 0.00	79.45 3.57 0.00	75.79 2.77 0.00
GLENWOOD_IC_1_G5 23712	96.54 5.27 -8.93	99.85 4.71 -19.13	87.11 4.31 -10.89	84.06 4.39 -6.55	83.47 4.55 -0.50	94.45 4.28 -16.40	101.38 4.95 -14.01	102.09 4.53 -19.43	83.89 4.16 -10.41	81.09 4.14 -12.34	66.26 3.75 0.00	66.41 3.28 0.00	68.22 3.31 0.00	66.38 3.22 0.00	66.70 3.30 0.00	68.25 3.62 0.00	94.98 4.39 -10.80	137.30 5.36 -36.22	135.64 6.55 -19.84	125.30 5.82 -20.79	116.07 5.43 -17.06	100.84 4.29 -15.70	94.16 4.17 -14.10	91.49 3.43 -15.04
GLENWOOD_IC_2_G1 23688	96.30 5.02 -8.93	99.62 4.48 -19.13	86.96 4.17 -10.89	83.91 4.24 -6.55	83.31 4.39 -0.50	94.23 4.05 -16.40	101.21 4.78 -14.01	101.93 4.37 -19.43	83.68 3.95 -10.41	80.89 3.94 -12.34	66.26 3.75 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	95.06 4.47 -10.80	137.39 5.45 -36.22	135.64 6.55 -19.84	125.30 5.82 -20.79	116.07 5.43 -17.06	100.84 4.28 -15.70	94.16 4.17 -14.10	91.50 3.43 -15.04
GLENWOOD_IC_3_G1 23689	96.30 5.02 -8.93	99.62 4.48 -19.13	86.96 4.17 -10.89	83.91 4.24 -6.55	83.31 4.39 -0.50	94.23 4.05 -16.40	101.21 4.78 -14.01	101.93 4.37 -19.43	83.68 3.95 -10.41	80.89 3.94 -12.34	66.26 3.75 0.00	66.47 3.34 0.00	68.28 3.37 0.00	66.44 3.28 0.00	66.76 3.36 0.00	68.25 3.62 0.00	95.06 4.47 -10.80	137.39 5.45 -36.22	135.64 6.55 -19.84	125.30 5.82 -20.79	116.07 5.43 -17.06	100.84 4.28 -15.70	94.16 4.17 -14.10	91.50 3.43 -15.04
GLENWOOD___4 23550	96.54 5.27 -8.93	99.85 4.71 -19.13	87.11 4.31 -10.89	84.06 4.39 -6.55	83.47 4.55 -0.50	94.45 4.28 -16.40	101.38 4.95 -14.01	102.09 4.53 -19.43	83.89 4.16 -10.41	81.09 4.14 -12.34	66.33 3.81 0.00	66.54 3.41 0.00	68.35 3.44 0.00	66.45 3.28 0.00	66.82 3.42 0.00	68.32 3.68 0.00	95.14 4.55 -10.80	137.49 5.55 -36.22	135.75 6.66 -19.84	125.40 5.92 -20.79	116.17 5.52 -17.06	100.92 4.37 -15.70	94.24 4.25 -14.10	91.57 3.50 -15.04
GLENWOOD___5 23614	96.54 5.27 -8.93	99.85 4.71 -19.13	87.11 4.31 -10.89	84.06 4.39 -6.55	83.47 4.55 -0.50	94.45 4.28 -16.40	101.38 4.95 -14.01	102.09 4.53 -19.43	83.89 4.16 -10.41	81.09 4.14 -12.34	66.33 3.81 0.00	66.54 3.41 0.00	68.35 3.44 0.00	66.45 3.28 0.00	66.82 3.42 0.00	68.32 3.68 0.00	95.14 4.55 -10.80	137.49 5.55 -36.22	135.75 6.66 -19.84	125.40 5.92 -20.79	116.17 5.52 -17.06	100.92 4.37 -15.70	94.24 4.25 -14.10	91.57 3.50 -15.04
GLOBAL GREEN_PORT_GT1 23814	98.03 6.75 -8.93	101.29 6.15 -19.13	88.33 5.54 -10.89	85.38 5.71 -6.55	84.81 5.88 -0.50	95.85 5.68 -16.40	103.19 6.76 -14.01	103.73 6.17 -19.43	85.00 5.27 -10.41	81.99 5.04 -12.34	66.82 4.31 0.00	66.73 3.60 0.00	68.54 3.63 0.00	66.51 3.35 0.00	67.01 3.61 0.00	68.83 4.20 0.00	96.10 5.50 -10.80	139.31 7.37 -36.22	137.71 8.63 -19.84	127.67 8.19 -20.79	118.78 8.14 -17.06	103.83 7.28 -15.70	97.20 7.21 -14.10	95.00 6.94 -15.04
GLOBE___DSASP 323697	73.61 -8.73 0.00	67.87 -8.13 0.00	65.29 -6.62 0.00	66.03 -7.09 0.00	70.27 -8.16 0.00	67.50 -6.27 0.00	73.61 -8.82 0.00	69.14 -8.98 0.00	61.35 -7.97 0.00	57.63 -6.98 0.00	55.51 -7.00 0.00	56.19 -6.94 0.00	57.96 -6.95 0.00	56.09 -7.07 0.00	56.43 -6.97 0.00	57.20 -7.43 0.00	69.67 -10.13 0.00	83.95 -11.77 0.00	94.93 -14.31 0.00	86.05 -12.63 0.00	82.92 -10.67 0.00	71.15 -9.70 0.00	68.30 -7.59 0.00	67.47 -5.55 0.00
GOETHSLN___LBMP 323567	40.77 3.29 44.87	39.16 2.81 39.66	38.03 2.59 36.47	38.44 2.63 37.31	39.73 2.59 41.28	51.91 2.36 24.22	50.90 2.88 34.41	54.62 2.58 26.08	41.43 2.50 30.38	37.42 2.65 29.84	36.74 2.56 28.34	36.68 2.34 28.79	67.05 2.14 0.00	65.37 2.21 0.00	65.62 2.22 0.00	66.89 2.26 0.00	70.62 2.71 11.90	68.76 3.16 30.11	56.91 4.04 56.37	68.01 3.55 34.23	65.67 3.28 31.20	71.33 2.43 11.94	69.62 2.43 8.70	69.33 1.68 5.37
GOLAH___69_KV_TB 1_2 80279	76.83 -5.52 0.00	70.91 -5.09 0.00	67.52 -4.39 0.00	68.51 -4.61 0.00	73.09 -5.33 0.00	69.94 -3.84 0.00	77.40 -5.03 0.00	73.13 -5.00 0.00	64.82 -4.51 0.00	60.67 -3.94 0.00	58.57 -3.94 0.00	59.15 -3.98 0.00	61.01 -3.89 0.00	59.06 -4.11 0.00	59.41 -3.99 0.00	60.43 -4.20 0.00	74.21 -5.59 0.00	89.88 -5.84 0.00	102.14 -7.10 0.00	92.27 -6.41 0.00	88.25 -5.33 0.00	75.84 -5.01 0.00	72.02 -3.87 0.00	70.03 -2.99 0.00

GOODYEAR_LAKE_HYD 323669	85.14 2.80 0.00	78.51 2.51 0.00	74.28 2.37 0.00	75.24 2.12 0.00	80.94 2.51 0.00	76.21 2.43 0.00	85.23 2.80 0.00	80.78 2.66 0.00	71.47 2.15 0.00	66.55 1.94 0.00	64.45 1.94 0.00	64.96 1.83 0.00	66.79 1.88 0.00	64.99 1.83 0.00	65.24 1.84 0.00	66.51 1.87 0.00	82.51 2.71 0.00	99.55 3.83 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.24 3.65 0.00	83.52 2.67 0.00	78.47 2.58 0.00	75.21 2.19 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	81.44 -0.91 0.00	75.09 -0.91 0.00	71.19 -0.72 0.00	72.24 -0.88 0.00	77.41 -1.02 0.00	73.26 -0.52 0.00	81.68 -0.74 0.00	77.35 -0.78 0.00	68.63 -0.69 0.00	64.10 -0.52 0.00	61.95 -0.56 0.00	62.56 -0.57 0.00	64.45 -0.45 0.00	62.59 -0.57 0.00	62.89 -0.51 0.00	64.05 -0.58 0.00	79.08 -0.72 0.00	95.43 -0.29 0.00	108.81 -0.44 0.00	98.19 -0.49 0.00	93.31 -0.28 0.00	80.28 -0.57 0.00	75.58 -0.30 0.00	72.80 -0.22 0.00
GOUDEY___7 23579	81.44 -0.91 0.00	75.09 -0.91 0.00	71.19 -0.72 0.00	72.24 -0.88 0.00	77.41 -1.02 0.00	73.26 -0.52 0.00	81.68 -0.74 0.00	77.35 -0.78 0.00	68.63 -0.69 0.00	64.10 -0.52 0.00	61.95 -0.56 0.00	62.56 -0.57 0.00	64.45 -0.45 0.00	62.59 -0.57 0.00	62.89 -0.51 0.00	64.05 -0.58 0.00	79.08 -0.72 0.00	95.43 -0.29 0.00	108.81 -0.44 0.00	98.19 -0.49 0.00	93.31 -0.28 0.00	80.28 -0.57 0.00	75.58 -0.30 0.00	72.80 -0.22 0.00
GOUDEY___8 23580	81.44 -0.91 0.00	75.09 -0.91 0.00	71.19 -0.72 0.00	72.24 -0.88 0.00	77.41 -1.02 0.00	73.26 -0.52 0.00	81.68 -0.74 0.00	77.35 -0.78 0.00	68.63 -0.69 0.00	64.10 -0.52 0.00	61.95 -0.56 0.00	62.56 -0.57 0.00	64.45 -0.45 0.00	62.59 -0.57 0.00	62.89 -0.51 0.00	64.05 -0.58 0.00	79.08 -0.72 0.00	95.43 -0.29 0.00	108.81 -0.44 0.00	98.19 -0.49 0.00	93.31 -0.28 0.00	80.28 -0.57 0.00	75.58 -0.30 0.00	72.80 -0.22 0.00
GOWANUS_GT1_1 24077	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.87 -203.07	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT1_2 24078	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.87 -203.07	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT1_3 24079	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.87 -203.07	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT1_4 24080	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.87 -203.07	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT1_5 24084	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.87 -203.07	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT1_6 24111	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.87 -203.07	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT1_7 24112	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.87 -203.07	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT1_8 24113	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.87 -203.07	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT2_1 24114	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT2_2 24115	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT2_3 24116	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00

GOWANUS_GT2_4 24117	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT2_5 24118	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT2_6 24119	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT2_7 24120	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT2_8 24121	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT3_1 24122	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT3_2 24123	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT3_3 24124	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT3_4 24125	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT3_5 24126	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT3_6 24127	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT3_7 24128	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT3_8 24129	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT4_1 24130	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.24 4.87 -196.78	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT4_2 24131	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.24 4.87 -196.78	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00

GOWANUS_GT4_3 24132	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.24 4.87 -196.78	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT4_4 24133	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.24 4.87 -196.78	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT4_5 24134	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.24 4.87 -196.78	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT4_6 24135	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.24 4.87 -196.78	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT4_7 24136	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.24 4.87 -196.78	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GOWANUS_GT4_8 24137	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.24 4.87 -196.78	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GREENBSH_115KV_TB3 55895	85.06 2.72 0.00	78.74 2.74 0.00	74.43 2.52 0.00	75.68 2.56 0.00	80.86 2.43 0.00	76.21 2.43 0.00	84.98 2.56 0.00	80.31 2.19 0.00	71.26 1.94 0.00	66.62 2.00 0.00	64.51 2.00 0.00	65.02 1.89 0.00	66.72 1.82 0.00	65.06 1.89 0.00	65.30 1.90 0.00	66.25 1.62 0.00	81.64 1.84 0.00	97.54 1.82 0.00	111.32 2.08 0.00	100.46 1.78 0.00	95.27 1.68 0.00	82.55 1.70 0.00	77.71 1.82 0.00	74.99 1.97 0.00
GREENDGE_115KV_TB5 80291	80.12 -2.22 0.00	73.80 -2.20 0.00	70.04 -1.87 0.00	71.00 -2.12 0.00	76.07 -2.35 0.00	72.37 -1.40 0.00	80.61 -1.81 0.00	76.41 -1.72 0.00	67.73 -1.59 0.00	63.51 -1.10 0.00	61.32 -1.19 0.00	61.93 -1.20 0.00	63.93 -0.97 0.00	61.96 -1.20 0.00	62.39 -1.01 0.00	63.66 -0.97 0.00	78.20 -1.60 0.00	93.90 -1.82 0.00	106.18 -3.06 0.00	96.42 -2.27 0.00	92.09 -1.50 0.00	79.48 -1.37 0.00	74.90 -0.99 0.00	72.22 -0.80 0.00
GREENIDGE___3 23582	80.12 -2.22 0.00	73.80 -2.20 0.00	70.04 -1.87 0.00	71.00 -2.12 0.00	76.07 -2.35 0.00	72.37 -1.40 0.00	80.61 -1.81 0.00	76.41 -1.72 0.00	67.73 -1.59 0.00	63.51 -1.10 0.00	61.32 -1.19 0.00	61.93 -1.20 0.00	63.93 -0.97 0.00	61.96 -1.20 0.00	62.39 -1.01 0.00	63.66 -0.97 0.00	78.20 -1.60 0.00	93.90 -1.82 0.00	106.18 -3.06 0.00	96.42 -2.27 0.00	92.09 -1.50 0.00	79.48 -1.37 0.00	74.90 -0.99 0.00	72.22 -0.80 0.00
GREENIDGE___4 23583	80.12 -2.22 0.00	73.80 -2.21 0.00	70.12 -1.79 0.00	71.00 -2.12 0.00	76.08 -2.35 0.00	72.37 -1.40 0.00	80.61 -1.81 0.00	76.41 -1.72 0.00	67.73 -1.59 0.00	63.51 -1.10 0.00	61.39 -1.12 0.00	61.93 -1.20 0.00	63.93 -0.97 0.00	61.96 -1.20 0.00	62.38 -1.02 0.00	63.66 -0.97 0.00	78.21 -1.60 0.00	93.90 -1.82 0.00	106.18 -3.06 0.00	96.42 -2.27 0.00	92.09 -1.50 0.00	79.48 -1.37 0.00	74.90 -0.99 0.00	72.22 -0.80 0.00
GREENLWN_69_KV_BK 3 55738	96.38 5.11 -8.93	99.70 4.56 -19.13	86.97 4.17 -10.89	83.91 4.24 -6.55	83.32 4.39 -0.50	94.30 4.13 -16.40	101.21 4.78 -14.01	102.01 4.45 -19.43	83.68 3.95 -10.41	80.96 4.01 -12.34	66.39 3.88 0.00	66.54 3.41 0.00	68.35 3.44 0.00	66.45 3.28 0.00	66.82 3.42 0.00	68.38 3.75 0.00	95.30 4.71 -10.80	137.58 5.65 -36.22	135.86 6.77 -19.84	125.50 6.02 -20.79	116.26 5.62 -17.06	101.08 4.53 -15.70	94.31 4.33 -14.10	91.64 3.58 -15.04
GREENWD_138_KV_38B11_REV_LBMP_J 345004	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.87 -203.07	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00
GRISSOM___SOLAR 323813	87.78 5.43 0.00	80.94 4.94 0.00	76.52 4.61 0.00	77.73 4.61 0.00	83.29 4.86 0.00	78.57 4.79 0.00	87.71 5.28 0.00	82.89 4.77 0.00	72.92 3.60 0.00	67.91 3.29 0.00	65.64 3.12 0.00	66.16 3.03 0.00	67.83 2.92 0.00	66.19 3.03 0.00	66.32 2.92 0.00	68.06 3.42 0.00	84.91 5.11 0.00	102.23 6.51 0.00	117.00 7.76 0.00	105.49 6.80 0.00	99.96 6.37 0.00	85.95 5.10 0.00	80.59 4.71 0.00	77.11 4.09 0.00
GROVEVILLE___HYD 323602	86.54 4.20 0.00	79.81 3.80 0.00	75.51 3.60 0.00	76.78 3.66 0.00	82.19 3.76 0.00	77.24 3.47 0.00	86.46 4.04 0.00	81.72 3.59 0.00	72.58 3.26 0.00	67.78 3.17 0.00	65.51 3.00 0.00	65.85 2.71 0.00	67.70 2.79 0.00	66.00 2.84 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.55 3.75 0.00	100.31 4.59 0.00	114.81 5.57 0.00	103.62 4.93 0.00	98.18 4.59 0.00	84.49 3.64 0.00	79.38 3.49 0.00	75.79 2.77 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	80.70 -1.65 0.00	74.41 -1.60 0.00	70.40 -1.51 0.00	71.44 -1.68 0.00	76.62 -1.80 0.00	72.30 -1.48 0.00	80.78 -1.65 0.00	76.56 -1.56 0.00	67.94 -1.39 0.00	63.45 -1.16 0.00	61.45 -1.06 0.00	61.99 -1.14 0.00	63.87 -1.04 0.00	62.02 -1.14 0.00	62.39 -1.01 0.00	63.53 -1.10 0.00	78.44 -1.36 0.00	95.05 -0.67 0.00	108.37 -0.87 0.00	97.80 -0.89 0.00	92.75 -0.84 0.00	79.88 -0.97 0.00	74.98 -0.91 0.00	72.07 -0.95 0.00

HAMLTNNY_34_KV_TB 80303	80.37 -1.98 0.00	74.11 -1.90 0.00	70.11 -1.80 0.00	71.22 -1.90 0.00	76.31 -2.12 0.00	72.15 -1.62 0.00	80.53 -1.90 0.00	76.33 -1.80 0.00	67.73 -1.59 0.00	63.26 -1.36 0.00	61.20 -1.31 0.00	61.74 -1.39 0.00	63.67 -1.23 0.00	61.83 -1.33 0.00	62.13 -1.27 0.00	63.28 -1.36 0.00	78.12 -1.68 0.00	94.67 -1.05 0.00	107.93 -1.31 0.00	97.30 -1.38 0.00	92.37 -1.22 0.00	79.56 -1.29 0.00	74.67 -1.21 0.00	71.85 -1.17 0.00
HAMPSHIRE___PAPER_HYD 323593	84.24 1.90 0.00	77.91 1.90 0.00	73.49 1.58 0.00	74.66 1.54 0.00	80.62 2.19 0.00	75.17 1.40 0.00	83.74 1.31 0.00	79.77 1.64 0.00	70.71 1.39 0.00	65.52 0.90 0.00	63.70 1.18 0.00	64.39 1.26 0.00	66.40 1.49 0.00	64.55 1.39 0.00	64.79 1.39 0.00	66.25 1.62 0.00	82.12 2.32 0.00	97.82 2.10 0.00	111.31 2.07 0.00	100.46 1.78 0.00	95.28 1.69 0.00	82.95 2.10 0.00	78.09 2.20 0.00	75.43 2.41 0.00
HARDSCRABBLE_WT_PWR 323673	84.40 2.06 0.00	77.60 1.60 0.00	73.27 1.36 0.00	74.29 1.17 0.00	79.84 1.41 0.00	75.25 1.47 0.00	84.07 1.65 0.00	79.77 1.64 0.00	70.84 1.52 0.00	66.16 1.55 0.00	64.20 1.69 0.00	64.84 1.71 0.00	66.66 1.75 0.00	64.80 1.64 0.00	65.11 1.71 0.00	66.44 1.81 0.00	82.19 2.39 0.00	98.59 2.87 0.00	112.52 3.27 0.00	101.64 2.96 0.00	96.58 2.99 0.00	83.44 2.59 0.00	78.54 2.65 0.00	75.57 2.55 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	85.64 3.29 0.00	78.97 2.96 0.00	74.64 2.73 0.00	75.90 2.78 0.00	81.25 2.82 0.00	76.43 2.66 0.00	85.48 3.05 0.00	80.86 2.73 0.00	71.75 2.43 0.00	67.00 2.39 0.00	64.89 2.38 0.00	65.21 2.08 0.00	66.98 2.08 0.00	65.31 2.15 0.00	65.56 2.16 0.00	66.89 2.26 0.00	82.59 2.79 0.00	99.16 3.45 0.00	113.50 4.26 0.00	102.44 3.75 0.00	97.05 3.46 0.00	83.52 2.67 0.00	78.47 2.58 0.00	74.92 1.90 0.00
HARSNRAD_115KV_TB1 81005	74.19 -8.15 0.00	68.33 -7.68 0.00	65.58 -6.33 0.00	66.39 -6.73 0.00	70.74 -7.69 0.00	68.09 -5.68 0.00	74.84 -7.58 0.00	70.47 -7.66 0.00	62.46 -6.86 0.00	58.67 -5.94 0.00	56.51 -6.00 0.00	57.20 -5.93 0.00	59.00 -5.91 0.00	57.10 -6.06 0.00	57.44 -5.96 0.00	58.30 -6.33 0.00	71.18 -8.62 0.00	85.76 -9.95 0.00	97.12 -12.13 0.00	88.03 -10.66 0.00	84.70 -8.89 0.00	72.60 -8.25 0.00	69.59 -6.30 0.00	68.20 -4.82 0.00
HARZA MOOSE___RIVER 24016	84.98 2.63 0.00	78.44 2.43 0.00	74.14 2.23 0.00	75.09 1.97 0.00	81.01 2.59 0.00	75.99 2.21 0.00	84.98 2.56 0.00	80.78 2.66 0.00	71.54 2.22 0.00	66.49 1.87 0.00	64.45 1.94 0.00	64.96 1.83 0.00	66.92 2.01 0.00	65.06 1.89 0.00	65.30 1.90 0.00	66.70 2.07 0.00	82.67 2.87 0.00	99.36 3.64 0.00	113.28 4.04 0.00	102.34 3.65 0.00	96.96 3.37 0.00	83.60 2.75 0.00	78.54 2.66 0.00	75.43 2.41 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	79.63 -2.72 0.00	73.42 -2.58 0.00	69.54 -2.37 0.00	70.56 -2.56 0.00	75.68 -2.74 0.00	71.49 -2.29 0.00	79.79 -2.64 0.00	75.63 -2.50 0.00	67.10 -2.22 0.00	62.67 -1.94 0.00	60.64 -1.88 0.00	61.17 -1.96 0.00	63.02 -1.88 0.00	61.20 -1.96 0.00	61.56 -1.84 0.00	62.69 -1.94 0.00	77.33 -2.47 0.00	93.80 -1.91 0.00	106.95 -2.29 0.00	96.51 -2.17 0.00	91.62 -1.97 0.00	78.91 -1.94 0.00	74.07 -1.82 0.00	71.27 -1.75 0.00
HELLGATE_13_KV_LD 55870	86.38 4.03 0.00	79.50 3.50 0.00	75.07 3.16 0.00	76.34 3.22 0.00	81.56 3.14 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.17 3.05 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.51 3.00 0.00	65.91 2.78 0.00	67.70 2.79 0.00	66.00 2.84 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.23 3.43 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.03 4.34 0.00	97.61 4.02 0.00	84.00 3.15 0.00	79.00 3.11 0.00	75.50 2.48 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	86.38 4.03 0.00	79.50 3.50 0.00	75.07 3.16 0.00	76.34 3.22 0.00	81.56 3.14 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.17 3.05 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.51 3.00 0.00	65.91 2.78 0.00	67.70 2.79 0.00	66.00 2.84 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.23 3.43 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.03 4.34 0.00	97.61 4.02 0.00	84.00 3.15 0.00	79.00 3.11 0.00	75.50 2.48 0.00
HEMPSTEAD____ 23647	96.21 4.94 -8.93	99.55 4.41 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.15 3.98 -16.40	101.05 4.61 -14.01	101.77 4.22 -19.43	83.54 3.81 -10.41	80.89 3.94 -12.34	66.14 3.62 0.00	66.35 3.22 0.00	68.15 3.24 0.00	66.32 3.16 0.00	66.69 3.29 0.00	68.18 3.55 0.00	94.90 4.31 -10.80	137.20 5.26 -36.22	135.42 6.33 -19.84	125.10 5.62 -20.79	115.88 5.24 -17.06	100.75 4.20 -15.70	94.01 4.02 -14.10	91.35 3.29 -15.04
HEWLETT_69_KV_BK3 55828	96.71 5.43 -8.93	100.00 4.86 -19.13	87.33 4.53 -10.89	84.28 4.61 -6.55	83.63 4.71 -0.50	94.60 4.43 -16.40	101.54 5.11 -14.01	102.24 4.69 -19.43	84.03 4.30 -10.41	81.22 4.26 -12.34	66.70 4.19 0.00	66.86 3.72 0.00	68.67 3.76 0.00	66.82 3.66 0.00	67.14 3.74 0.00	68.64 4.01 0.00	95.46 4.87 -10.80	137.87 5.93 -36.22	136.29 7.21 -19.84	125.89 6.41 -20.79	116.64 5.99 -17.06	101.32 4.77 -15.70	94.62 4.63 -14.10	91.93 3.87 -15.04
HICKLING___1 23621	80.12 -2.22 0.00	73.80 -2.20 0.00	70.18 -1.73 0.00	71.15 -1.97 0.00	76.15 -2.27 0.00	72.52 -1.25 0.00	80.61 -1.81 0.00	76.33 -1.80 0.00	67.66 -1.66 0.00	63.19 -1.42 0.00	61.07 -1.44 0.00	61.68 -1.45 0.00	63.67 -1.23 0.00	61.77 -1.39 0.00	62.13 -1.27 0.00	63.34 -1.29 0.00	78.05 -1.76 0.00	94.28 -1.44 0.00	107.28 -1.97 0.00	96.91 -1.78 0.00	92.37 -1.22 0.00	79.31 -1.54 0.00	74.82 -1.06 0.00	72.29 -0.73 0.00
HICKLING___2 23622	80.12 -2.22 0.00	73.80 -2.20 0.00	70.18 -1.73 0.00	71.15 -1.97 0.00	76.15 -2.27 0.00	72.52 -1.25 0.00	80.61 -1.81 0.00	76.33 -1.80 0.00	67.66 -1.66 0.00	63.19 -1.42 0.00	61.07 -1.44 0.00	61.68 -1.45 0.00	63.67 -1.23 0.00	61.77 -1.39 0.00	62.13 -1.27 0.00	63.34 -1.29 0.00	78.05 -1.76 0.00	94.28 -1.44 0.00	107.28 -1.97 0.00	96.91 -1.78 0.00	92.37 -1.22 0.00	79.31 -1.54 0.00	74.82 -1.06 0.00	72.29 -0.73 0.00
HIGH FALLS___HY 23754	86.21 3.87 0.00	79.50 3.50 0.00	75.22 3.31 0.00	76.41 3.29 0.00	81.96 3.53 0.00	76.95 3.17 0.00	86.22 3.79 0.00	81.49 3.36 0.00	72.37 3.05 0.00	67.39 2.78 0.00	65.14 2.63 0.00	65.47 2.34 0.00	67.31 2.40 0.00	65.62 2.46 0.00	65.87 2.47 0.00	67.28 2.65 0.00	83.31 3.51 0.00	100.31 4.59 0.00	114.81 5.57 0.00	103.62 4.93 0.00	98.18 4.59 0.00	84.33 3.48 0.00	79.23 3.34 0.00	75.50 2.48 0.00
HIGH_RIVER___SOLAR 323847	86.13 3.79 0.00	79.43 3.42 0.00	75.15 3.24 0.00	76.33 3.21 0.00	81.80 3.37 0.00	77.02 3.24 0.00	86.05 3.62 0.00	81.41 3.28 0.00	71.75 2.43 0.00	66.87 2.26 0.00	64.64 2.13 0.00	65.15 2.02 0.00	66.98 2.08 0.00	65.31 2.15 0.00	65.43 2.03 0.00	66.96 2.32 0.00	83.23 3.43 0.00	100.03 4.31 0.00	114.38 5.14 0.00	103.23 4.54 0.00	97.80 4.22 0.00	84.25 3.40 0.00	79.07 3.19 0.00	75.79 2.77 0.00

HILLBURN___GT 23639	85.55 3.21 0.00	78.82 2.81 0.00	74.49 2.58 0.00	75.75 2.63 0.00	81.09 2.67 0.00	76.20 2.43 0.00	85.31 2.88 0.00	80.63 2.50 0.00	71.61 2.28 0.00	66.94 2.32 0.00	64.76 2.25 0.00	65.21 2.08 0.00	66.92 2.01 0.00	65.24 2.08 0.00	65.43 2.03 0.00	66.70 2.07 0.00	82.35 2.55 0.00	98.87 3.15 0.00	113.17 3.93 0.00	102.14 3.45 0.00	96.77 3.18 0.00	83.27 2.42 0.00	78.24 2.36 0.00	74.70 1.68 0.00
HILLSIDE_115KV_TB1 80332	79.38 -2.96 0.00	73.19 -2.81 0.00	69.61 -2.30 0.00	70.56 -2.56 0.00	75.52 -2.90 0.00	71.78 -1.99 0.00	79.87 -2.56 0.00	75.63 -2.50 0.00	66.96 -2.36 0.00	62.61 -2.00 0.00	60.51 -2.00 0.00	61.11 -2.02 0.00	63.02 -1.88 0.00	61.20 -1.96 0.00	61.56 -1.84 0.00	62.69 -1.94 0.00	77.25 -2.55 0.00	93.23 -2.49 0.00	106.07 -3.17 0.00	95.82 -2.86 0.00	91.25 -2.34 0.00	78.42 -2.43 0.00	74.07 -1.82 0.00	71.56 -1.46 0.00
HISHELDN_WT_PWR 323625	76.25 -6.09 0.00	70.23 -5.78 0.00	67.31 -4.60 0.00	68.15 -4.97 0.00	72.78 -5.65 0.00	69.93 -3.84 0.00	77.15 -5.28 0.00	72.81 -5.32 0.00	64.40 -4.92 0.00	60.35 -4.27 0.00	58.32 -4.19 0.00	58.90 -4.23 0.00	60.82 -4.09 0.00	58.93 -4.23 0.00	59.34 -4.06 0.00	60.36 -4.27 0.00	73.98 -5.82 0.00	89.31 -6.41 0.00	101.38 -7.87 0.00	91.68 -7.00 0.00	87.98 -5.61 0.00	75.43 -5.42 0.00	71.94 -3.95 0.00	70.17 -2.85 0.00
HOLTSVILLE_IC_1 23690	97.28 6.01 -8.93	100.54 5.40 -19.13	87.75 4.96 -10.89	84.71 5.04 -6.55	84.18 5.26 -0.50	95.19 5.02 -16.40	102.20 5.77 -14.01	102.94 5.39 -19.43	84.31 4.57 -10.41	81.41 4.45 -12.34	66.77 4.25 0.00	66.79 3.66 0.00	68.60 3.70 0.00	66.76 3.60 0.00	67.14 3.74 0.00	68.83 4.20 0.00	96.02 5.43 -10.80	138.63 6.70 -36.22	136.61 7.53 -19.84	126.28 6.80 -20.79	117.10 6.45 -17.06	102.05 5.50 -15.70	95.22 5.23 -14.10	92.59 4.53 -15.04
HOLTSVILLE_IC_10 23699	97.70 6.43 -8.93	100.99 5.85 -19.13	88.12 5.32 -10.89	85.16 5.49 -6.55	84.65 5.72 -0.50	95.56 5.38 -16.40	102.69 6.26 -14.01	103.34 5.78 -19.43	84.65 4.92 -10.41	81.73 4.78 -12.34	67.07 4.56 0.00	67.11 3.98 0.00	68.93 4.03 0.00	67.01 3.85 0.00	67.46 4.06 0.00	69.22 4.59 0.00	96.50 5.91 -10.80	139.31 7.37 -36.22	137.38 8.30 -19.84	126.98 7.50 -20.79	117.75 7.11 -17.06	102.54 5.98 -15.70	95.68 5.69 -14.10	93.03 4.97 -15.04
HOLTSVILLE_IC_2 23691	97.28 6.01 -8.93	100.54 5.40 -19.13	87.75 4.96 -10.89	84.71 5.04 -6.55	84.18 5.26 -0.50	95.19 5.02 -16.40	102.20 5.77 -14.01	102.94 5.39 -19.43	84.31 4.57 -10.41	81.41 4.45 -12.34	66.77 4.25 0.00	66.79 3.66 0.00	68.60 3.70 0.00	66.76 3.60 0.00	67.14 3.74 0.00	68.83 4.20 0.00	96.02 5.43 -10.80	138.63 6.70 -36.22	136.61 7.53 -19.84	126.28 6.80 -20.79	117.10 6.45 -17.06	102.05 5.50 -15.70	95.22 5.23 -14.10	92.59 4.53 -15.04
HOLTSVILLE_IC_3 23692	97.28 6.01 -8.93	100.54 5.40 -19.13	87.75 4.96 -10.89	84.71 5.04 -6.55	84.18 5.26 -0.50	95.19 5.02 -16.40	102.20 5.77 -14.01	102.94 5.39 -19.43	84.31 4.57 -10.41	81.41 4.45 -12.34	66.77 4.25 0.00	66.79 3.66 0.00	68.60 3.70 0.00	66.76 3.60 0.00	67.14 3.74 0.00	68.83 4.20 0.00	96.02 5.43 -10.80	138.63 6.70 -36.22	136.61 7.53 -19.84	126.28 6.80 -20.79	117.10 6.45 -17.06	102.05 5.50 -15.70	95.22 5.23 -14.10	92.59 4.53 -15.04
HOLTSVILLE_IC_4 23693	97.28 6.01 -8.93	100.54 5.40 -19.13	87.75 4.96 -10.89	84.71 5.04 -6.55	84.18 5.26 -0.50	95.19 5.02 -16.40	102.20 5.77 -14.01	102.94 5.39 -19.43	84.31 4.57 -10.41	81.41 4.45 -12.34	66.77 4.25 0.00	66.79 3.66 0.00	68.60 3.70 0.00	66.76 3.60 0.00	67.14 3.74 0.00	68.83 4.20 0.00	96.02 5.43 -10.80	138.63 6.70 -36.22	136.61 7.53 -19.84	126.28 6.80 -20.79	117.10 6.45 -17.06	102.05 5.50 -15.70	95.22 5.23 -14.10	92.59 4.53 -15.04
HOLTSVILLE_IC_5 23694	97.28 6.01 -8.93	100.54 5.40 -19.13	87.75 4.96 -10.89	84.71 5.04 -6.55	84.18 5.26 -0.50	95.19 5.02 -16.40	102.20 5.77 -14.01	102.94 5.39 -19.43	84.31 4.57 -10.41	81.41 4.45 -12.34	66.77 4.25 0.00	66.79 3.66 0.00	68.60 3.70 0.00	66.76 3.60 0.00	67.14 3.74 0.00	68.83 4.20 0.00	96.02 5.43 -10.80	138.63 6.70 -36.22	136.61 7.53 -19.84	126.28 6.80 -20.79	117.10 6.45 -17.06	102.05 5.50 -15.70	95.22 5.23 -14.10	92.59 4.53 -15.04
HOLTSVILLE_IC_6 23695	97.70 6.43 -8.93	100.99 5.85 -19.13	88.12 5.32 -10.89	85.16 5.49 -6.55	84.65 5.72 -0.50	95.56 5.38 -16.40	102.69 6.26 -14.01	103.34 5.78 -19.43	84.65 4.92 -10.41	81.73 4.78 -12.34	67.07 4.56 0.00	67.11 3.98 0.00	68.93 4.03 0.00	67.01 3.85 0.00	67.46 4.06 0.00	69.22 4.59 0.00	96.50 5.91 -10.80	139.31 7.37 -36.22	137.38 8.30 -19.84	126.98 7.50 -20.79	117.75 7.11 -17.06	102.54 5.98 -15.70	95.68 5.69 -14.10	93.03 4.97 -15.04
HOLTSVILLE_IC_7 23696	97.70 6.43 -8.93	100.99 5.85 -19.13	88.12 5.32 -10.89	85.16 5.49 -6.55	84.65 5.72 -0.50	95.56 5.38 -16.40	102.69 6.26 -14.01	103.34 5.78 -19.43	84.65 4.92 -10.41	81.73 4.78 -12.34	67.07 4.56 0.00	67.11 3.98 0.00	68.93 4.03 0.00	67.01 3.85 0.00	67.46 4.06 0.00	69.22 4.59 0.00	96.50 5.91 -10.80	139.31 7.37 -36.22	137.38 8.30 -19.84	126.98 7.50 -20.79	117.75 7.11 -17.06	102.54 5.98 -15.70	95.68 5.69 -14.10	93.03 4.97 -15.04
HOLTSVILLE_IC_8 23697	97.70 6.43 -8.93	100.99 5.85 -19.13	88.12 5.32 -10.89	85.16 5.49 -6.55	84.65 5.72 -0.50	95.56 5.38 -16.40	102.69 6.26 -14.01	103.34 5.78 -19.43	84.65 4.92 -10.41	81.73 4.78 -12.34	67.07 4.56 0.00	67.11 3.98 0.00	68.93 4.03 0.00	67.01 3.85 0.00	67.46 4.06 0.00	69.22 4.59 0.00	96.50 5.91 -10.80	139.31 7.37 -36.22	137.38 8.30 -19.84	126.98 7.50 -20.79	117.75 7.11 -17.06	102.54 5.98 -15.70	95.68 5.69 -14.10	93.03 4.97 -15.04
HOLTSVILLE_IC_9 23698	97.70 6.43 -8.93	100.99 5.85 -19.13	88.12 5.32 -10.89	85.16 5.49 -6.55	84.65 5.72 -0.50	95.56 5.38 -16.40	102.69 6.26 -14.01	103.34 5.78 -19.43	84.65 4.92 -10.41	81.73 4.78 -12.34	67.07 4.56 0.00	67.11 3.98 0.00	68.93 4.03 0.00	67.01 3.85 0.00	67.46 4.06 0.00	69.22 4.59 0.00	96.50 5.91 -10.80	139.31 7.37 -36.22	137.38 8.30 -19.84	126.98 7.50 -20.79	117.75 7.11 -17.06	102.54 5.98 -15.70	95.68 5.69 -14.10	93.03 4.97 -15.04
HOMER_HL_115KV_TB2 355744	78.64 -3.71 0.00	72.36 -3.65 0.00	69.39 -2.52 0.00	70.20 -2.92 0.00	74.98 -3.45 0.00	72.08 -1.70 0.00	79.62 -2.80 0.00	75.16 -2.97 0.00	66.55 -2.77 0.00	62.48 -2.13 0.00	60.32 -2.19 0.00	61.05 -2.08 0.00	62.96 -1.95 0.00	60.95 -2.21 0.00	61.43 -1.97 0.00	62.50 -2.13 0.00	76.69 -3.11 0.00	92.46 -3.25 0.00	105.09 -4.15 0.00	95.03 -3.65 0.00	90.97 -2.62 0.00	77.86 -2.99 0.00	74.22 -1.67 0.00	72.29 -0.73 0.00
HOWARD_WT_PWR 323690	78.72 -3.62 0.00	72.43 -3.57 0.00	69.25 -2.66 0.00	70.05 -3.07 0.00	74.98 -3.45 0.00	71.93 -1.84 0.00	79.87 -2.56 0.00	75.70 -2.42 0.00	67.04 -2.29 0.00	62.68 -1.94 0.00	60.57 -1.94 0.00	61.30 -1.83 0.00	63.42 -1.49 0.00	61.58 -1.58 0.00	62.01 -1.40 0.00	63.34 -1.29 0.00	78.12 -1.68 0.00	94.67 -1.05 0.00	107.61 -1.64 0.00	97.21 -1.48 0.00	92.84 -0.75 0.00	79.40 -1.45 0.00	75.05 -0.83 0.00	72.51 -0.51 0.00

HQ_GEN_CEDARS 23644	83.66 1.32 0.00	77.45 1.44 0.00	73.20 1.29 0.00	74.66 1.54 0.00	80.39 1.96 0.00	75.10 1.33 0.00	83.58 1.15 0.00	79.53 1.41 0.00	70.71 1.39 0.00	65.52 0.90 0.00	63.45 0.94 0.00	64.27 1.14 0.00	66.14 1.23 0.00	64.36 1.20 0.00	64.54 1.14 0.00	65.99 1.36 0.00	81.64 1.84 0.00	96.58 0.86 0.00	110.01 0.76 0.00	99.48 0.79 0.00	94.34 0.75 0.00	82.71 1.86 0.00	77.63 1.75 0.00	75.14 2.12 0.00
HQ_GEN_CEDARS_PROXY 323590	83.66 1.31 0.00	77.45 1.44 0.00	73.21 1.30 0.00	74.66 1.54 0.00	80.39 1.96 0.00	75.10 1.33 0.00	83.58 1.15 0.00	79.53 1.41 0.00	70.71 1.39 0.00	65.52 0.90 0.00	63.45 0.94 0.00	64.27 1.14 0.00	66.14 1.23 0.00	64.36 1.20 0.00	64.54 1.14 0.00	65.99 1.36 0.00	81.64 1.84 0.00	96.58 0.86 0.00	110.01 0.77 0.00	99.47 0.79 0.00	94.33 0.75 0.00	82.71 1.86 0.00	77.63 1.75 0.00	75.14 2.12 0.00
HQ_GEN_IMPORT 323601	82.51 0.17 0.00	76.23 0.23 0.00	72.05 0.14 0.00	73.41 0.29 0.00	78.90 0.47 0.00	73.92 0.15 0.00	82.59 0.17 0.00	78.44 0.31 0.00	69.67 0.35 0.00	64.68 0.06 0.00	62.58 0.06 0.00	63.32 0.19 0.00	65.10 0.20 0.00	63.35 0.19 0.00	63.53 0.13 0.00	64.89 0.26 0.00	80.20 0.40 0.00	96.01 0.29 0.00	109.46 0.22 0.00	98.98 0.30 0.00	93.87 0.28 0.00	81.42 0.57 0.00	76.27 0.38 0.00	73.60 0.58 0.00
HQ_GEN_WHEEL 23651	82.51 0.17 0.00	76.23 0.23 0.00	72.05 0.14 0.00	73.41 0.29 0.00	78.90 0.47 0.00	73.92 0.15 0.00	82.59 0.17 0.00	78.44 0.31 0.00	69.67 0.35 0.00	64.68 0.06 0.00	62.58 0.06 0.00	63.32 0.19 0.00	65.10 0.20 0.00	63.35 0.19 0.00	63.53 0.13 0.00	64.89 0.26 0.00	80.20 0.40 0.00	96.01 0.29 0.00	109.46 0.22 0.00	98.98 0.30 0.00	93.87 0.28 0.00	81.42 0.57 0.00	76.27 0.38 0.00	73.60 0.58 0.00
HUDSON_AVE_GT_3 23810	86.13 3.79 0.00	79.35 3.34 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.56 3.14 0.00	76.65 2.88 0.00	85.89 3.46 0.00	81.25 3.13 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.51 3.00 0.00	65.91 2.78 0.00	67.63 2.73 0.00	65.94 2.78 0.00	66.13 2.73 0.00	67.41 2.78 0.00	83.15 3.35 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.13 4.44 0.00	97.71 4.12 0.00	84.00 3.15 0.00	78.92 3.04 0.00	75.36 2.34 0.00
HUDSON_AVE_GT_4 23540	86.13 3.79 0.00	79.35 3.34 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.56 3.14 0.00	76.65 2.88 0.00	85.89 3.46 0.00	81.25 3.13 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.51 3.00 0.00	65.91 2.78 0.00	67.63 2.73 0.00	65.94 2.78 0.00	66.13 2.73 0.00	67.41 2.78 0.00	83.15 3.35 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.13 4.44 0.00	97.71 4.12 0.00	84.00 3.15 0.00	78.92 3.04 0.00	75.36 2.34 0.00
HUDSON_AVE_GT_5 23657	86.13 3.79 0.00	79.35 3.34 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.56 3.14 0.00	76.65 2.88 0.00	85.89 3.46 0.00	81.25 3.13 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.51 3.00 0.00	65.91 2.78 0.00	67.63 2.73 0.00	65.94 2.78 0.00	66.13 2.73 0.00	67.41 2.78 0.00	83.15 3.35 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.13 4.44 0.00	97.71 4.12 0.00	84.00 3.15 0.00	78.92 3.04 0.00	75.36 2.34 0.00
HUDSON_AVE_10 24168	85.88 3.54 0.00	79.05 3.04 0.00	74.64 2.73 0.00	75.97 2.85 0.00	81.25 2.82 0.00	76.36 2.58 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.09 2.77 0.00	67.59 2.97 0.00	65.33 2.81 0.00	65.72 2.59 0.00	67.44 2.53 0.00	65.75 2.59 0.00	66.00 2.60 0.00	67.28 2.65 0.00	82.99 3.19 0.00	99.55 3.83 0.00	113.94 4.70 0.00	102.83 4.14 0.00	97.43 3.84 0.00	83.84 2.99 0.00	78.77 2.88 0.00	75.06 2.04 0.00
HUDSON___115KV_TB 4 355613	86.95 4.61 0.00	80.41 4.41 0.00	76.15 4.24 0.00	77.36 4.24 0.00	82.74 4.31 0.00	77.90 4.13 0.00	86.96 4.53 0.00	81.80 3.67 0.00	72.37 3.05 0.00	67.46 2.84 0.00	65.20 2.69 0.00	65.66 2.53 0.00	67.37 2.47 0.00	65.75 2.59 0.00	66.00 2.60 0.00	67.22 2.59 0.00	83.07 3.27 0.00	99.55 3.83 0.00	113.61 4.37 0.00	102.63 3.95 0.00	97.15 3.56 0.00	84.08 3.23 0.00	79.07 3.19 0.00	76.45 3.43 0.00
HUNTER MOUNT___DRP 323613	87.45 5.11 0.00	80.95 4.94 0.00	76.66 4.75 0.00	77.87 4.75 0.00	83.29 4.86 0.00	78.42 4.65 0.00	87.45 5.03 0.00	82.35 4.22 0.00	72.86 3.54 0.00	67.84 3.23 0.00	65.58 3.06 0.00	65.97 2.84 0.00	67.70 2.79 0.00	66.07 2.91 0.00	66.32 2.92 0.00	67.61 2.97 0.00	83.71 3.91 0.00	100.31 4.59 0.00	114.49 5.24 0.00	103.42 4.74 0.00	97.89 4.31 0.00	84.73 3.88 0.00	79.68 3.79 0.00	76.89 3.87 0.00
HUNTINGTON_RES_REC 323705	97.04 5.76 -8.93	100.31 5.17 -19.13	87.47 4.67 -10.89	84.49 4.82 -6.55	83.87 4.94 -0.50	94.90 4.73 -16.40	101.96 5.52 -14.01	102.63 5.08 -19.43	84.17 4.44 -10.41	81.28 4.33 -12.34	66.70 4.19 0.00	66.79 3.66 0.00	68.60 3.70 0.00	66.76 3.60 0.00	67.14 3.74 0.00	68.77 4.14 0.00	95.94 5.35 -10.80	138.54 6.60 -36.22	136.73 7.64 -19.84	126.38 6.91 -20.79	117.10 6.45 -17.06	101.81 5.25 -15.70	94.99 5.01 -14.10	92.30 4.23 -15.04
HUNTLEY___63 23557	75.10 -7.25 0.00	69.17 -6.84 0.00	66.52 -5.39 0.00	67.27 -5.85 0.00	71.60 -6.82 0.00	69.05 -4.72 0.00	75.58 -6.84 0.00	71.17 -6.95 0.00	63.08 -6.24 0.00	59.31 -5.30 0.00	57.20 -5.31 0.00	57.89 -5.24 0.00	59.71 -5.19 0.00	57.79 -5.37 0.00	58.20 -5.20 0.00	59.07 -5.56 0.00	72.06 -7.74 0.00	86.82 -8.90 0.00	98.43 -10.82 0.00	89.11 -9.57 0.00	85.73 -7.86 0.00	73.49 -7.36 0.00	70.42 -5.46 0.00	69.15 -3.87 0.00
HUNTLEY___64 23558	75.10 -7.25 0.00	69.17 -6.84 0.00	66.52 -5.39 0.00	67.27 -5.85 0.00	71.60 -6.82 0.00	69.05 -4.72 0.00	75.58 -6.84 0.00	71.17 -6.95 0.00	63.08 -6.24 0.00	59.31 -5.30 0.00	57.20 -5.31 0.00	57.89 -5.24 0.00	59.71 -5.19 0.00	57.79 -5.37 0.00	58.20 -5.20 0.00	59.07 -5.56 0.00	72.06 -7.74 0.00	86.82 -8.90 0.00	98.43 -10.82 0.00	89.11 -9.57 0.00	85.73 -7.86 0.00	73.49 -7.36 0.00	70.42 -5.46 0.00	69.15 -3.87 0.00
HUNTLEY___65 23559	75.10 -7.25 0.00	69.17 -6.84 0.00	66.52 -5.39 0.00	67.27 -5.85 0.00	71.60 -6.82 0.00	69.05 -4.72 0.00	75.58 -6.84 0.00	71.17 -6.95 0.00	63.08 -6.24 0.00	59.31 -5.30 0.00	57.20 -5.31 0.00	57.89 -5.24 0.00	59.71 -5.19 0.00	57.79 -5.37 0.00	58.20 -5.20 0.00	59.07 -5.56 0.00	72.06 -7.74 0.00	86.82 -8.90 0.00	98.43 -10.82 0.00	89.11 -9.57 0.00	85.73 -7.86 0.00	73.49 -7.36 0.00	70.42 -5.46 0.00	69.15 -3.87 0.00
HUNTLEY___66 23560	75.10 -7.25 0.00	69.17 -6.84 0.00	66.52 -5.39 0.00	67.27 -5.85 0.00	71.60 -6.82 0.00	69.05 -4.72 0.00	75.58 -6.84 0.00	71.17 -6.95 0.00	63.08 -6.24 0.00	59.31 -5.30 0.00	57.20 -5.31 0.00	57.89 -5.24 0.00	59.71 -5.19 0.00	57.79 -5.37 0.00	58.20 -5.20 0.00	59.07 -5.56 0.00	72.06 -7.74 0.00	86.82 -8.90 0.00	98.43 -10.82 0.00	89.11 -9.57 0.00	85.73 -7.86 0.00	73.49 -7.36 0.00	70.42 -5.46 0.00	69.15 -3.87 0.00

HUNTLEY___67 23561	75.01 -7.33 0.00	69.17 -6.84 0.00	66.37 -5.54 0.00	67.20 -5.92 0.00	71.60 -6.82 0.00	68.83 -4.94 0.00	75.67 -6.76 0.00	71.25 -6.88 0.00	63.15 -6.17 0.00	59.31 -5.30 0.00	57.20 -5.31 0.00	57.89 -5.24 0.00	59.71 -5.19 0.00	57.79 -5.37 0.00	58.20 -5.20 0.00	59.07 -5.56 0.00	72.06 -7.74 0.00	86.82 -8.90 0.00	98.43 -10.82 0.00	89.11 -9.57 0.00	85.73 -7.86 0.00	73.49 -7.36 0.00	70.42 -5.46 0.00	69.00 -4.02 0.00
HUNTLEY___68 23562	75.01 -7.33 0.00	69.17 -6.84 0.00	66.37 -5.54 0.00	67.20 -5.92 0.00	71.60 -6.82 0.00	68.83 -4.94 0.00	75.67 -6.76 0.00	71.25 -6.88 0.00	63.15 -6.17 0.00	59.31 -5.30 0.00	57.20 -5.31 0.00	57.89 -5.24 0.00	59.71 -5.19 0.00	57.79 -5.37 0.00	58.20 -5.20 0.00	59.07 -5.56 0.00	72.06 -7.74 0.00	86.82 -8.90 0.00	98.43 -10.82 0.00	89.11 -9.57 0.00	85.73 -7.86 0.00	73.49 -7.36 0.00	70.42 -5.46 0.00	69.00 -4.02 0.00
HYLAND___LFGE 323620	81.27 -1.07 0.00	74.94 -1.06 0.00	71.26 -0.65 0.00	72.32 -0.80 0.00	77.09 -1.33 0.00	74.22 0.45 0.00	82.51 0.08 0.00	78.21 0.08 0.00	69.05 -0.28 0.00	64.09 -0.52 0.00	61.64 -0.88 0.00	62.00 -1.13 0.00	64.13 -0.78 0.00	62.03 -1.14 0.00	62.51 -0.89 0.00	64.11 -0.52 0.00	79.64 -0.16 0.00	97.16 1.44 0.00	110.88 1.64 0.00	99.67 0.99 0.00	95.18 1.59 0.00	81.58 0.73 0.00	77.03 1.14 0.00	74.40 1.38 0.00
INDECK___CORINTH 23802	89.01 6.67 0.00	82.09 6.08 0.00	77.59 5.68 0.00	78.90 5.78 0.00	84.47 6.04 0.00	79.68 5.90 0.00	89.02 6.60 0.00	84.14 6.02 0.00	74.32 4.99 0.00	69.39 4.78 0.00	66.95 4.44 0.00	67.61 4.48 0.00	69.19 4.28 0.00	67.39 4.23 0.00	67.58 4.18 0.00	69.09 4.46 0.00	85.79 5.99 0.00	102.90 7.18 0.00	117.66 8.41 0.00	106.09 7.41 0.00	100.51 6.93 0.00	86.75 5.90 0.00	81.42 5.54 0.00	78.05 5.03 0.00
INDECK___ILION 23567	83.91 1.56 0.00	77.30 1.29 0.00	73.06 1.15 0.00	74.14 1.02 0.00	79.68 1.25 0.00	74.95 1.18 0.00	83.83 1.40 0.00	79.46 1.33 0.00	70.50 1.18 0.00	65.78 1.16 0.00	63.76 1.25 0.00	64.39 1.26 0.00	66.14 1.23 0.00	64.36 1.20 0.00	64.67 1.27 0.00	65.92 1.29 0.00	81.48 1.68 0.00	97.63 1.91 0.00	111.43 2.18 0.00	100.66 1.97 0.00	95.55 1.97 0.00	82.47 1.62 0.00	77.56 1.67 0.00	74.55 1.53 0.00
INDECK___OLEAN 23982	78.64 -3.70 0.00	72.36 -3.65 0.00	69.39 -2.52 0.00	70.27 -2.85 0.00	74.98 -3.45 0.00	72.08 -1.69 0.00	79.62 -2.80 0.00	75.16 -2.97 0.00	66.55 -2.77 0.00	62.48 -2.13 0.00	60.45 -2.06 0.00	61.05 -2.08 0.00	62.96 -1.95 0.00	61.01 -2.15 0.00	61.43 -1.97 0.00	62.50 -2.13 0.00	76.69 -3.11 0.00	92.46 -3.25 0.00	105.09 -4.15 0.00	95.04 -3.65 0.00	90.97 -2.62 0.00	77.86 -2.99 0.00	74.22 -1.67 0.00	72.29 -0.73 0.00
INDECK___OSWEGO 23783	82.01 -0.33 0.00	75.55 -0.45 0.00	71.41 -0.50 0.00	72.46 -0.66 0.00	77.80 -0.63 0.00	73.33 -0.44 0.00	81.85 -0.57 0.00	77.74 -0.39 0.00	68.98 -0.34 0.00	64.42 -0.19 0.00	62.51 0.00 0.00	62.94 -0.19 0.00	64.97 0.06 0.00	63.03 -0.13 0.00	63.40 0.00 0.00	64.63 0.00 0.00	79.88 0.08 0.00	96.96 1.24 0.00	110.56 1.32 0.00	99.57 0.89 0.00	94.43 0.84 0.00	81.34 0.49 0.00	76.27 0.38 0.00	73.17 0.15 0.00
INDECK___YERKES 23781	75.18 -7.16 0.00	69.24 -6.76 0.00	66.59 -5.32 0.00	67.34 -5.78 0.00	71.68 -6.75 0.00	69.05 -4.72 0.00	75.67 -6.76 0.00	71.25 -6.88 0.00	63.15 -6.17 0.00	59.38 -5.23 0.00	57.39 -5.12 0.00	57.96 -5.18 0.00	59.78 -5.13 0.00	57.86 -5.31 0.00	58.20 -5.20 0.00	59.14 -5.49 0.00	72.14 -7.66 0.00	86.91 -8.80 0.00	98.54 -10.70 0.00	89.12 -9.57 0.00	85.82 -7.77 0.00	73.57 -7.28 0.00	70.50 -5.39 0.00	69.22 -3.80 0.00
INDIAN POINT_GT_1 24139	85.64 3.29 0.00	78.97 2.96 0.00	74.64 2.73 0.00	75.90 2.78 0.00	81.25 2.82 0.00	76.36 2.58 0.00	85.48 3.05 0.00	80.86 2.73 0.00	71.82 2.50 0.00	67.20 2.58 0.00	65.01 2.50 0.00	65.40 2.27 0.00	67.11 2.21 0.00	65.43 2.27 0.00	65.62 2.22 0.00	66.96 2.33 0.00	82.67 2.87 0.00	99.16 3.45 0.00	113.50 4.26 0.00	102.44 3.75 0.00	97.05 3.46 0.00	83.52 2.67 0.00	78.47 2.58 0.00	74.92 1.90 0.00
INDIAN POINT_GT_2 23659	85.64 3.29 0.00	78.97 2.96 0.00	74.64 2.73 0.00	75.90 2.78 0.00	81.25 2.82 0.00	76.36 2.58 0.00	85.48 3.05 0.00	80.86 2.73 0.00	71.82 2.50 0.00	67.20 2.58 0.00	65.01 2.50 0.00	65.40 2.27 0.00	67.11 2.21 0.00	65.43 2.27 0.00	65.62 2.22 0.00	66.96 2.33 0.00	82.67 2.87 0.00	99.16 3.45 0.00	113.50 4.26 0.00	102.44 3.75 0.00	97.05 3.46 0.00	83.52 2.67 0.00	78.47 2.58 0.00	74.92 1.90 0.00
INDIAN POINT_GT_3 24019	85.64 3.29 0.00	78.97 2.96 0.00	74.64 2.73 0.00	75.90 2.78 0.00	81.25 2.82 0.00	76.36 2.58 0.00	85.48 3.05 0.00	80.86 2.73 0.00	71.82 2.50 0.00	67.20 2.58 0.00	65.01 2.50 0.00	65.40 2.27 0.00	67.11 2.21 0.00	65.43 2.27 0.00	65.62 2.22 0.00	66.96 2.33 0.00	82.67 2.87 0.00	99.16 3.45 0.00	113.50 4.26 0.00	102.44 3.75 0.00	97.05 3.46 0.00	83.52 2.67 0.00	78.47 2.58 0.00	74.92 1.90 0.00
INDIAN POINT___2 23530	85.55 3.21 0.00	78.82 2.81 0.00	74.49 2.58 0.00	75.75 2.63 0.00	81.09 2.67 0.00	76.20 2.43 0.00	85.39 2.96 0.00	80.70 2.57 0.00	71.68 2.36 0.00	67.01 2.39 0.00	64.83 2.31 0.00	65.28 2.15 0.00	66.98 2.08 0.00	65.31 2.15 0.00	65.49 2.09 0.00	66.83 2.20 0.00	82.43 2.63 0.00	98.97 3.26 0.00	113.17 3.93 0.00	102.23 3.55 0.00	96.86 3.27 0.00	83.36 2.51 0.00	78.32 2.43 0.00	74.77 1.75 0.00
INDIAN POINT___3 23531	85.64 3.29 0.00	78.89 2.89 0.00	74.57 2.66 0.00	75.83 2.71 0.00	81.17 2.74 0.00	76.36 2.58 0.00	85.48 3.05 0.00	80.78 2.66 0.00	71.75 2.43 0.00	67.07 2.46 0.00	64.95 2.44 0.00	65.34 2.21 0.00	67.05 2.14 0.00	65.37 2.21 0.00	65.56 2.16 0.00	66.89 2.26 0.00	82.51 2.71 0.00	98.97 3.25 0.00	113.28 4.04 0.00	102.24 3.55 0.00	96.87 3.28 0.00	83.44 2.59 0.00	78.39 2.50 0.00	74.84 1.83 0.00
INGHAM_C_115KV_TB7 356103	85.06 2.72 0.00	78.29 2.28 0.00	73.85 1.94 0.00	74.95 1.83 0.00	80.54 2.12 0.00	75.84 2.07 0.00	84.82 2.39 0.00	80.47 2.34 0.00	71.40 2.08 0.00	66.68 2.07 0.00	64.70 2.19 0.00	65.34 2.21 0.00	67.18 2.27 0.00	65.31 2.15 0.00	65.62 2.22 0.00	66.96 2.33 0.00	82.83 3.03 0.00	99.26 3.54 0.00	113.39 4.15 0.00	102.44 3.75 0.00	97.24 3.65 0.00	84.00 3.15 0.00	79.07 3.19 0.00	76.09 3.07 0.00
IP CORINTH___1 23988	89.01 6.67 0.00	82.09 6.08 0.00	77.59 5.68 0.00	78.90 5.78 0.00	84.47 6.04 0.00	79.68 5.90 0.00	89.02 6.59 0.00	84.14 6.02 0.00	74.31 4.99 0.00	69.39 4.78 0.00	66.95 4.44 0.00	67.61 4.48 0.00	69.19 4.28 0.00	67.39 4.23 0.00	67.58 4.18 0.00	69.09 4.46 0.00	85.79 5.99 0.00	102.90 7.18 0.00	117.65 8.41 0.00	106.09 7.40 0.00	100.52 6.93 0.00	86.75 5.90 0.00	81.43 5.54 0.00	78.06 5.04 0.00

IP__TICONDEROGA 23804	91.98 9.63 0.00	84.82 8.82 0.00	80.25 8.34 0.00	81.53 8.41 0.00	87.29 8.86 0.00	82.40 8.63 0.00	92.15 9.73 0.00	86.96 8.83 0.00	76.53 7.21 0.00	71.40 6.78 0.00	68.89 6.38 0.00	69.57 6.44 0.00	71.01 6.10 0.00	69.22 6.06 0.00	69.36 5.96 0.00	71.22 6.59 0.00	88.82 9.02 0.00	106.63 10.91 0.00	122.13 12.89 0.00	109.94 11.25 0.00	104.16 10.58 0.00	89.58 8.73 0.00	84.08 8.20 0.00	80.39 7.37 0.00
ISLIP_RES_REC 323679	98.10 6.83 -8.93	101.29 6.15 -19.13	88.48 5.68 -10.89	85.44 5.78 -6.55	84.96 6.04 -0.50	95.85 5.68 -16.40	103.11 6.67 -14.01	103.65 6.10 -19.43	84.93 5.20 -10.41	81.99 5.04 -12.34	67.33 4.81 0.00	67.36 4.23 0.00	69.19 4.28 0.00	67.26 4.10 0.00	67.71 4.31 0.00	69.48 4.85 0.00	96.90 6.30 -10.80	139.88 7.94 -36.22	138.04 8.96 -19.84	127.47 7.99 -20.79	118.22 7.58 -17.06	102.94 6.39 -15.70	96.06 6.07 -14.10	93.39 5.33 -15.04
JAMAICA__27_KV_LOAD 355505	86.13 3.79 0.00	79.27 3.27 0.00	74.79 2.88 0.00	76.12 3.00 0.00	81.41 2.98 0.00	76.65 2.88 0.00	86.05 3.63 0.00	81.49 3.36 0.00	72.51 3.19 0.00	68.17 3.55 0.00	65.70 3.19 0.00	66.10 2.97 0.00	67.89 2.99 0.00	66.19 3.03 0.00	66.44 3.04 0.00	67.73 3.10 0.00	83.63 3.83 0.00	100.31 4.59 0.00	114.92 5.68 0.00	103.72 5.03 0.00	98.27 4.68 0.00	84.41 3.56 0.00	79.23 3.34 0.00	75.43 2.41 0.00
JANIS__SOLAR 323808	85.30 2.96 0.00	78.66 2.66 0.00	74.43 2.52 0.00	75.16 2.04 0.00	80.94 2.51 0.00	76.35 2.58 0.00	85.48 3.05 0.00	81.26 3.13 0.00	71.89 2.57 0.00	66.81 2.20 0.00	64.64 2.13 0.00	65.02 1.89 0.00	67.11 2.21 0.00	65.12 1.96 0.00	65.56 2.16 0.00	66.89 2.26 0.00	83.15 3.35 0.00	101.08 5.36 0.00	115.14 5.90 0.00	103.91 5.23 0.00	98.55 4.96 0.00	84.57 3.72 0.00	79.31 3.42 0.00	76.16 3.14 0.00
JARVIS____ 23743	82.92 0.58 0.00	76.54 0.54 0.00	72.42 0.51 0.00	73.56 0.44 0.00	78.90 0.47 0.00	74.22 0.45 0.00	83.01 0.58 0.00	78.68 0.55 0.00	69.74 0.42 0.00	65.07 0.46 0.00	62.95 0.44 0.00	63.58 0.45 0.00	65.30 0.39 0.00	63.61 0.45 0.00	63.85 0.45 0.00	65.02 0.39 0.00	80.28 0.48 0.00	96.10 0.38 0.00	109.68 0.44 0.00	99.08 0.40 0.00	93.97 0.38 0.00	81.09 0.24 0.00	76.19 0.30 0.00	73.24 0.22 0.00
JENNISON__1 23625	86.38 4.03 0.00	79.58 3.57 0.00	75.36 3.45 0.00	76.05 2.92 0.00	82.03 3.61 0.00	77.24 3.47 0.00	86.46 4.04 0.00	82.19 4.06 0.00	72.58 3.26 0.00	67.52 2.91 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.83 2.92 0.00	65.81 2.65 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.87 4.07 0.00	101.65 5.93 0.00	115.91 6.66 0.00	104.71 6.02 0.00	99.30 5.71 0.00	85.14 4.29 0.00	79.99 4.10 0.00	76.82 3.80 0.00
JENNISON__2 23626	86.38 4.03 0.00	79.58 3.57 0.00	75.36 3.45 0.00	76.05 2.92 0.00	82.03 3.61 0.00	77.24 3.47 0.00	86.46 4.04 0.00	82.19 4.06 0.00	72.58 3.26 0.00	67.52 2.91 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.83 2.92 0.00	65.81 2.65 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.87 4.07 0.00	101.65 5.93 0.00	115.91 6.66 0.00	104.71 6.02 0.00	99.30 5.71 0.00	85.14 4.29 0.00	79.99 4.10 0.00	76.82 3.80 0.00
JERICHO_RISE_WT_PWR 323719	81.77 -0.57 0.00	75.78 -0.23 0.00	71.69 -0.22 0.00	73.27 0.15 0.00	78.90 0.47 0.00	73.85 0.07 0.00	82.10 -0.33 0.00	78.21 0.08 0.00	69.60 0.28 0.00	64.42 -0.19 0.00	62.20 -0.31 0.00	63.00 -0.13 0.00	64.91 0.00 0.00	63.16 0.00 0.00	63.40 0.00 0.00	64.89 0.26 0.00	80.60 0.80 0.00	96.48 0.76 0.00	110.22 0.98 0.00	99.67 0.99 0.00	94.62 1.03 0.00	82.38 1.53 0.00	77.18 1.29 0.00	74.85 1.83 0.00
KATONAH__115KV_46KV_TB4 355592	86.54 4.20 0.00	79.73 3.72 0.00	75.36 3.45 0.00	76.63 3.51 0.00	82.11 3.69 0.00	77.17 3.39 0.00	86.30 3.87 0.00	81.64 3.52 0.00	72.58 3.26 0.00	67.84 3.23 0.00	65.58 3.06 0.00	65.97 2.84 0.00	67.76 2.86 0.00	66.00 2.84 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.39 3.59 0.00	100.22 4.50 0.00	114.70 5.46 0.00	103.52 4.84 0.00	98.08 4.49 0.00	84.41 3.56 0.00	79.38 3.49 0.00	75.72 2.70 0.00
KCE_NY_1 323755	87.78 5.43 0.00	80.94 4.94 0.00	76.58 4.67 0.00	77.87 4.75 0.00	83.37 4.94 0.00	78.50 4.73 0.00	87.78 5.35 0.00	82.97 4.85 0.00	73.34 4.02 0.00	68.49 3.88 0.00	66.20 3.69 0.00	66.85 3.72 0.00	68.47 3.57 0.00	66.76 3.60 0.00	66.95 3.55 0.00	68.38 3.75 0.00	84.75 4.95 0.00	101.56 5.84 0.00	116.13 6.89 0.00	104.81 6.12 0.00	99.30 5.71 0.00	85.62 4.77 0.00	80.44 4.55 0.00	77.11 4.09 0.00
KCE_NY_6_ESR 323823	76.34 -6.01 0.00	70.23 -5.78 0.00	67.45 -4.46 0.00	68.29 -4.83 0.00	72.78 -5.65 0.00	70.09 -3.69 0.00	77.15 -5.28 0.00	72.74 -5.39 0.00	64.40 -4.92 0.00	60.48 -4.14 0.00	58.51 -4.00 0.00	59.09 -4.04 0.00	60.88 -4.02 0.00	58.99 -4.17 0.00	59.41 -3.99 0.00	60.36 -4.27 0.00	73.81 -5.99 0.00	88.92 -6.79 0.00	100.94 -8.31 0.00	91.28 -7.40 0.00	87.79 -5.80 0.00	75.19 -5.66 0.00	71.94 -3.95 0.00	70.32 -2.70 0.00
KEDC_PORT_JEFF_GT2 24210	97.70 6.43 -8.93	100.91 5.77 -19.13	88.12 5.32 -10.89	85.08 5.41 -6.55	84.57 5.65 -0.50	95.56 5.38 -16.40	102.69 6.26 -14.01	103.34 5.78 -19.43	84.65 4.92 -10.41	81.73 4.78 -12.34	67.07 4.56 0.00	67.11 3.98 0.00	68.93 4.03 0.00	67.01 3.85 0.00	67.46 4.06 0.00	69.16 4.52 0.00	96.50 5.91 -10.80	139.31 7.37 -36.22	137.38 8.30 -19.84	126.98 7.50 -20.79	117.75 7.11 -17.06	102.54 5.98 -15.70	95.68 5.69 -14.10	93.03 4.97 -15.04
KEDC_PORT_JEFF_GT3 24211	97.70 6.43 -8.93	100.91 5.77 -19.13	88.12 5.32 -10.89	85.08 5.41 -6.55	84.57 5.65 -0.50	95.56 5.38 -16.40	102.69 6.26 -14.01	103.34 5.78 -19.43	84.65 4.92 -10.41	81.73 4.78 -12.34	67.07 4.56 0.00	67.11 3.98 0.00	68.93 4.03 0.00	67.01 3.85 0.00	67.46 4.06 0.00	69.16 4.52 0.00	96.50 5.91 -10.80	139.31 7.37 -36.22	137.38 8.30 -19.84	126.98 7.50 -20.79	117.75 7.11 -17.06	102.54 5.98 -15.70	95.68 5.69 -14.10	93.03 4.97 -15.04
KEDC_GLWD_GT4 24219	96.55 5.27 -8.93	99.85 4.71 -19.13	87.11 4.31 -10.89	84.06 4.39 -6.55	83.47 4.55 -0.50	94.45 4.28 -16.40	101.38 4.95 -14.01	102.08 4.53 -19.43	83.82 4.09 -10.41	81.09 4.14 -12.34	66.20 3.69 0.00	66.41 3.28 0.00	68.22 3.31 0.00	66.38 3.22 0.00	66.69 3.29 0.00	68.25 3.62 0.00	94.98 4.39 -10.80	137.29 5.36 -36.22	135.64 6.55 -19.84	125.30 5.82 -20.79	116.07 5.43 -17.06	100.84 4.28 -15.70	94.16 4.17 -14.10	91.50 3.43 -15.04
KEDC_GLWD_GT5 24220	96.55 5.27 -8.93	99.85 4.71 -19.13	87.11 4.31 -10.89	84.06 4.39 -6.55	83.47 4.55 -0.50	94.45 4.28 -16.40	101.38 4.95 -14.01	102.08 4.53 -19.43	83.82 4.09 -10.41	81.09 4.14 -12.34	66.20 3.69 0.00	66.41 3.28 0.00	68.22 3.31 0.00	66.38 3.22 0.00	66.69 3.29 0.00	68.25 3.62 0.00	94.98 4.39 -10.80	137.29 5.36 -36.22	135.64 6.55 -19.84	125.30 5.82 -20.79	116.07 5.43 -17.06	100.84 4.28 -15.70	94.16 4.17 -14.10	91.50 3.43 -15.04

KENSICO____ 23655	85.97 3.62 0.00	79.20 3.19 0.00	74.86 2.95 0.00	76.12 3.00 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.72 3.30 0.00	81.10 2.97 0.00	72.03 2.70 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.37 2.47 0.00	65.69 2.53 0.00	65.87 2.47 0.00	67.22 2.59 0.00	82.91 3.11 0.00	99.45 3.73 0.00	113.83 4.59 0.00	102.73 4.05 0.00	97.33 3.74 0.00	83.76 2.91 0.00	78.77 2.88 0.00	75.21 2.19 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	86.30 3.95 0.00	79.58 3.57 0.00	75.36 3.45 0.00	76.56 3.44 0.00	82.03 3.61 0.00	77.09 3.32 0.00	86.30 3.87 0.00	81.56 3.44 0.00	72.37 3.05 0.00	67.46 2.84 0.00	65.20 2.69 0.00	65.53 2.40 0.00	67.31 2.40 0.00	65.62 2.46 0.00	65.87 2.47 0.00	67.28 2.65 0.00	83.39 3.59 0.00	100.31 4.59 0.00	114.81 5.57 0.00	103.62 4.93 0.00	98.18 4.59 0.00	84.41 3.56 0.00	79.23 3.34 0.00	75.57 2.56 0.00
KIAC_JFK_GT1 23816	85.31 2.96 0.00	78.51 2.51 0.00	74.14 2.23 0.00	75.39 2.27 0.00	80.70 2.27 0.00	75.91 2.14 0.00	85.23 2.80 0.00	80.71 2.58 0.00	71.82 2.50 0.00	67.78 3.17 0.00	65.14 2.63 0.00	65.47 2.34 0.00	67.24 2.34 0.00	65.56 2.40 0.00	65.81 2.41 0.00	67.09 2.46 0.00	82.83 3.03 0.00	99.26 3.54 0.00	113.83 4.59 0.00	102.63 3.95 0.00	97.24 3.65 0.00	83.60 2.75 0.00	78.47 2.58 0.00	74.70 1.68 0.00
KIAC_JFK_GT2 23817	85.31 2.96 0.00	78.51 2.51 0.00	74.14 2.23 0.00	75.39 2.27 0.00	80.70 2.27 0.00	75.91 2.14 0.00	85.23 2.80 0.00	80.71 2.58 0.00	71.82 2.50 0.00	67.78 3.17 0.00	65.14 2.63 0.00	65.47 2.34 0.00	67.24 2.34 0.00	65.56 2.40 0.00	65.81 2.41 0.00	67.09 2.46 0.00	82.83 3.03 0.00	99.26 3.54 0.00	113.83 4.59 0.00	102.63 3.95 0.00	97.24 3.65 0.00	83.60 2.75 0.00	78.47 2.58 0.00	74.70 1.68 0.00
KIAC_JFK____ 323774	85.30 2.96 0.00	78.51 2.50 0.00	74.14 2.23 0.00	75.39 2.27 0.00	80.70 2.28 0.00	75.91 2.14 0.00	85.23 2.80 0.00	80.70 2.57 0.00	71.81 2.49 0.00	67.78 3.17 0.00	65.08 2.56 0.00	65.47 2.34 0.00	67.24 2.33 0.00	65.56 2.40 0.00	65.81 2.41 0.00	67.09 2.46 0.00	82.83 3.03 0.00	99.26 3.54 0.00	113.83 4.59 0.00	102.73 4.05 0.00	97.24 3.65 0.00	83.60 2.75 0.00	78.47 2.58 0.00	74.70 1.68 0.00
KINTIGH____ 23543	74.77 -7.58 0.00	69.01 -6.99 0.00	66.01 -5.90 0.00	66.83 -6.29 0.00	71.29 -7.14 0.00	68.31 -5.46 0.00	75.34 -7.09 0.00	71.02 -7.11 0.00	63.01 -6.31 0.00	59.06 -5.56 0.00	56.95 -5.56 0.00	57.58 -5.56 0.00	59.39 -5.52 0.00	57.54 -5.62 0.00	57.88 -5.52 0.00	58.75 -5.88 0.00	71.82 -7.98 0.00	86.63 -9.09 0.00	98.21 -11.03 0.00	88.82 -9.87 0.00	85.26 -8.33 0.00	73.25 -7.60 0.00	69.89 -6.00 0.00	68.27 -4.75 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	83.17 0.82 0.00	77.15 1.14 0.00	72.99 1.08 0.00	74.66 1.54 0.00	80.39 1.96 0.00	75.17 1.40 0.00	83.25 0.82 0.00	79.38 1.25 0.00	70.71 1.39 0.00	65.32 0.71 0.00	63.14 0.63 0.00	63.89 0.76 0.00	65.95 1.04 0.00	64.11 0.95 0.00	64.35 0.95 0.00	65.86 1.23 0.00	82.04 2.23 0.00	97.92 2.20 0.00	111.86 2.62 0.00	101.05 2.37 0.00	96.02 2.43 0.00	83.60 2.75 0.00	78.39 2.50 0.00	76.31 3.29 0.00
LACHUTE__HYDRO 323717	91.97 9.63 0.00	84.82 8.81 0.00	80.25 8.34 0.00	81.53 8.41 0.00	87.29 8.86 0.00	82.40 8.63 0.00	92.15 9.72 0.00	86.95 8.83 0.00	76.53 7.21 0.00	71.40 6.78 0.00	68.89 6.38 0.00	69.57 6.44 0.00	71.01 6.10 0.00	69.22 6.06 0.00	69.36 5.96 0.00	71.23 6.60 0.00	88.82 9.01 0.00	106.63 10.91 0.00	122.13 12.88 0.00	109.93 11.25 0.00	104.16 10.57 0.00	89.58 8.73 0.00	84.09 8.20 0.00	80.39 7.37 0.00
LAWRNCV_115KV_TB1 80681	83.74 1.40 0.00	77.53 1.52 0.00	73.20 1.29 0.00	74.66 1.54 0.00	80.47 2.04 0.00	74.95 1.18 0.00	83.17 0.74 0.00	79.22 1.09 0.00	70.36 1.04 0.00	65.13 0.52 0.00	63.33 0.81 0.00	64.27 1.14 0.00	66.14 1.23 0.00	64.36 1.20 0.00	64.54 1.14 0.00	65.99 1.36 0.00	81.64 1.84 0.00	96.29 0.57 0.00	109.57 0.33 0.00	98.98 0.30 0.00	93.87 0.28 0.00	82.47 1.62 0.00	77.63 1.75 0.00	75.28 2.26 0.00
LEDERLE____ 23769	85.72 3.38 0.00	79.05 3.04 0.00	74.71 2.80 0.00	75.90 2.78 0.00	81.33 2.90 0.00	76.43 2.66 0.00	85.56 3.13 0.00	80.86 2.73 0.00	71.75 2.43 0.00	67.07 2.46 0.00	64.95 2.44 0.00	65.34 2.21 0.00	67.05 2.14 0.00	65.37 2.21 0.00	65.56 2.16 0.00	66.89 2.26 0.00	82.51 2.71 0.00	99.07 3.35 0.00	113.39 4.15 0.00	102.44 3.75 0.00	96.96 3.37 0.00	83.44 2.59 0.00	78.39 2.50 0.00	74.84 1.83 0.00
LIGHTHSE_115KV_TB6 355974	82.34 0.00 0.00	75.93 -0.08 0.00	71.77 -0.14 0.00	72.68 -0.44 0.00	78.19 -0.24 0.00	73.55 -0.22 0.00	82.10 -0.33 0.00	77.97 -0.16 0.00	69.11 -0.21 0.00	64.42 -0.19 0.00	62.58 0.06 0.00	63.07 -0.06 0.00	65.04 0.13 0.00	63.16 0.00 0.00	63.46 0.06 0.00	64.83 0.19 0.00	80.12 0.32 0.00	97.06 1.34 0.00	110.66 1.42 0.00	99.77 1.09 0.00	94.62 1.03 0.00	81.66 0.81 0.00	76.57 0.68 0.00	73.53 0.51 0.00
LINDEN COGEN____ 23786	40.68 3.21 44.87	39.16 2.81 39.66	37.96 2.52 36.47	38.37 2.56 37.31	39.73 2.58 41.28	51.91 2.36 24.22	50.90 2.88 34.41	54.62 2.57 26.08	41.43 2.49 30.38	37.42 2.65 29.84	36.61 2.44 28.34	36.61 2.27 28.79	52.75 2.14 14.30	52.75 2.21 12.62	52.75 2.16 12.81	52.75 2.20 14.08	52.75 2.63 29.68	61.66 3.15 37.21	56.80 3.93 56.37	63.84 3.45 38.30	55.21 3.18 41.56	54.44 2.42 28.83	52.75 2.36 25.49	52.75 1.60 21.87
LINDHRST_69_KV_BK1 356055	97.28 6.01 -8.93	100.61 5.47 -19.13	87.83 5.03 -10.89	84.79 5.12 -6.55	84.26 5.33 -0.50	95.19 5.02 -16.40	102.20 5.77 -14.01	102.87 5.31 -19.43	84.45 4.71 -10.41	81.67 4.72 -12.34	67.01 4.50 0.00	67.11 3.98 0.00	69.00 4.09 0.00	67.08 3.92 0.00	67.46 4.06 0.00	69.09 4.46 0.00	96.26 5.67 -10.80	138.83 6.89 -36.22	137.17 8.08 -19.84	126.68 7.20 -20.79	117.48 6.83 -17.06	102.13 5.58 -15.70	95.30 5.31 -14.10	92.59 4.53 -15.04
LIPA_MISC_IPP 23656	97.45 6.18 -8.93	100.69 5.55 -19.13	87.90 5.11 -10.89	84.86 5.19 -6.55	84.33 5.41 -0.50	95.34 5.16 -16.40	102.45 6.02 -14.01	103.10 5.55 -19.43	84.38 4.64 -10.41	81.47 4.52 -12.34	66.76 4.25 0.00	66.73 3.60 0.00	68.54 3.63 0.00	66.63 3.47 0.00	67.14 3.74 0.00	68.83 4.20 0.00	96.10 5.51 -10.80	138.83 6.89 -36.22	136.51 7.43 -19.84	126.19 6.71 -20.79	117.29 6.64 -17.06	102.29 5.74 -15.70	95.53 5.54 -14.10	92.88 4.82 -15.04
LISF__SOLAR 323691	97.61 6.34 -8.93	100.84 5.70 -19.13	88.04 5.25 -10.89	85.00 5.33 -6.55	84.49 5.57 -0.50	95.49 5.31 -16.40	102.62 6.19 -14.01	103.25 5.70 -19.43	84.51 4.78 -10.41	81.54 4.59 -12.34	66.82 4.31 0.00	66.79 3.66 0.00	68.60 3.70 0.00	66.70 3.53 0.00	67.14 3.74 0.00	68.96 4.33 0.00	96.26 5.67 -10.80	139.12 7.18 -36.22	136.84 7.76 -19.84	126.49 7.01 -20.79	117.47 6.83 -17.06	102.45 5.90 -15.70	95.68 5.69 -14.10	93.03 4.97 -15.04

LITTLE FALLS___HYD 24013	85.06 2.72 0.00	78.29 2.28 0.00	73.85 1.94 0.00	74.95 1.83 0.00	80.54 2.12 0.00	75.84 2.07 0.00	84.82 2.39 0.00	80.47 2.34 0.00	71.40 2.08 0.00	66.68 2.07 0.00	64.70 2.19 0.00	65.34 2.21 0.00	67.18 2.27 0.00	65.31 2.15 0.00	65.62 2.22 0.00	66.96 2.33 0.00	82.83 3.03 0.00	99.26 3.54 0.00	113.39 4.15 0.00	102.44 3.75 0.00	97.24 3.65 0.00	84.00 3.15 0.00	79.07 3.19 0.00	76.09 3.07 0.00
LITTLRIV_115KV_TB1 356100	84.81 2.47 0.00	78.44 2.43 0.00	74.14 2.23 0.00	75.53 2.41 0.00	81.49 3.06 0.00	75.77 1.99 0.00	84.16 1.73 0.00	80.16 2.03 0.00	71.19 1.87 0.00	65.78 1.16 0.00	63.95 1.44 0.00	64.84 1.70 0.00	66.79 1.88 0.00	64.99 1.83 0.00	65.18 1.78 0.00	66.70 2.07 0.00	82.59 2.79 0.00	97.63 1.91 0.00	110.99 1.75 0.00	100.36 1.68 0.00	95.09 1.50 0.00	83.44 2.59 0.00	78.62 2.73 0.00	76.16 3.14 0.00
LI_NEWBRDGE___DRP 323616	95.88 4.61 -8.93	99.24 4.10 -19.13	86.61 3.81 -10.89	83.54 3.88 -6.55	82.92 4.00 -0.50	93.86 3.69 -16.40	100.80 4.37 -14.01	101.54 3.98 -19.43	83.34 3.60 -10.41	80.57 3.62 -12.34	66.01 3.50 0.00	66.22 3.09 0.00	67.96 3.05 0.00	66.19 3.03 0.00	66.51 3.11 0.00	67.99 3.36 0.00	94.75 4.15 -10.80	136.91 4.98 -36.22	134.98 5.90 -19.84	124.81 5.33 -20.79	115.61 4.96 -17.06	100.52 3.96 -15.70	93.86 3.87 -14.10	91.20 3.14 -15.04
LOCKPORT_115KV_TB60_63_64 80432	74.27 -8.07 0.00	68.41 -7.60 0.00	65.65 -6.26 0.00	66.47 -6.65 0.00	70.74 -7.69 0.00	68.17 -5.61 0.00	74.93 -7.50 0.00	70.55 -7.58 0.00	62.53 -6.79 0.00	58.67 -5.94 0.00	56.57 -5.94 0.00	57.20 -5.93 0.00	59.00 -5.91 0.00	57.16 -6.00 0.00	57.50 -5.90 0.00	58.36 -6.27 0.00	71.26 -8.54 0.00	85.86 -9.86 0.00	97.34 -11.91 0.00	88.13 -10.56 0.00	84.79 -8.80 0.00	72.68 -8.17 0.00	69.66 -6.22 0.00	68.27 -4.75 0.00
LOCKPORT___CC1 323769	74.19 -8.15 0.00	68.33 -7.67 0.00	65.65 -6.26 0.00	66.39 -6.73 0.00	70.74 -7.68 0.00	68.09 -5.68 0.00	74.84 -7.58 0.00	70.47 -7.65 0.00	62.46 -6.86 0.00	58.67 -5.94 0.00	56.70 -5.81 0.00	57.19 -5.94 0.00	59.00 -5.91 0.00	57.10 -6.06 0.00	57.44 -5.96 0.00	58.30 -6.33 0.00	71.18 -8.62 0.00	85.76 -9.96 0.00	97.11 -12.13 0.00	87.83 -10.86 0.00	84.70 -8.89 0.00	72.60 -8.25 0.00	69.59 -6.30 0.00	68.20 -4.82 0.00
LOCKPORT___CC2 323770	74.19 -8.15 0.00	68.33 -7.67 0.00	65.65 -6.26 0.00	66.39 -6.73 0.00	70.74 -7.68 0.00	68.09 -5.68 0.00	74.84 -7.58 0.00	70.47 -7.65 0.00	62.46 -6.86 0.00	58.67 -5.94 0.00	56.70 -5.81 0.00	57.19 -5.94 0.00	59.00 -5.91 0.00	57.10 -6.06 0.00	57.44 -5.96 0.00	58.30 -6.33 0.00	71.18 -8.62 0.00	85.76 -9.96 0.00	97.11 -12.13 0.00	87.83 -10.86 0.00	84.70 -8.89 0.00	72.60 -8.25 0.00	69.59 -6.30 0.00	68.20 -4.82 0.00
LOCKPORT___CC3 323771	74.19 -8.15 0.00	68.33 -7.67 0.00	65.65 -6.26 0.00	66.39 -6.73 0.00	70.74 -7.68 0.00	68.09 -5.68 0.00	74.84 -7.58 0.00	70.47 -7.65 0.00	62.46 -6.86 0.00	58.67 -5.94 0.00	56.70 -5.81 0.00	57.19 -5.94 0.00	59.00 -5.91 0.00	57.10 -6.06 0.00	57.44 -5.96 0.00	58.30 -6.33 0.00	71.18 -8.62 0.00	85.76 -9.96 0.00	97.11 -12.13 0.00	87.83 -10.86 0.00	84.70 -8.89 0.00	72.60 -8.25 0.00	69.59 -6.30 0.00	68.20 -4.82 0.00
LONG_LAKE_PHOENIX 24014	81.19 -1.15 0.00	74.79 -1.22 0.00	70.76 -1.15 0.00	71.80 -1.32 0.00	77.01 -1.41 0.00	72.67 -1.11 0.00	81.11 -1.32 0.00	77.03 -1.09 0.00	68.35 -0.97 0.00	63.84 -0.78 0.00	61.83 -0.69 0.00	62.37 -0.76 0.00	64.32 -0.58 0.00	62.47 -0.69 0.00	62.77 -0.63 0.00	63.99 -0.65 0.00	79.00 -0.80 0.00	96.01 0.29 0.00	109.46 0.22 0.00	98.69 0.00 0.00	93.59 0.00 0.00	80.53 -0.32 0.00	75.51 -0.38 0.00	72.51 -0.51 0.00
LOVETT___3 23632	85.47 3.13 0.00	78.74 2.74 0.00	74.43 2.52 0.00	75.68 2.56 0.00	81.01 2.59 0.00	76.13 2.36 0.00	85.23 2.80 0.00	80.55 2.42 0.00	71.47 2.15 0.00	66.81 2.20 0.00	64.70 2.19 0.00	65.09 1.96 0.00	66.79 1.88 0.00	65.12 1.96 0.00	65.30 1.90 0.00	66.64 2.00 0.00	82.19 2.39 0.00	98.59 2.87 0.00	112.85 3.61 0.00	101.84 3.16 0.00	96.49 2.90 0.00	83.03 2.18 0.00	78.09 2.20 0.00	74.55 1.53 0.00
LOVETT___4 23642	85.47 3.13 0.00	78.74 2.74 0.00	74.43 2.52 0.00	75.68 2.56 0.00	81.01 2.59 0.00	76.13 2.36 0.00	85.23 2.80 0.00	80.55 2.42 0.00	71.47 2.15 0.00	66.81 2.20 0.00	64.70 2.19 0.00	65.09 1.96 0.00	66.79 1.88 0.00	65.12 1.96 0.00	65.30 1.90 0.00	66.64 2.00 0.00	82.19 2.39 0.00	98.59 2.87 0.00	112.85 3.61 0.00	101.84 3.16 0.00	96.49 2.90 0.00	83.03 2.18 0.00	78.09 2.20 0.00	74.55 1.53 0.00
LOVETT___5 23593	85.47 3.13 0.00	78.74 2.74 0.00	74.43 2.52 0.00	75.68 2.56 0.00	81.01 2.59 0.00	76.13 2.36 0.00	85.23 2.80 0.00	80.55 2.42 0.00	71.47 2.15 0.00	66.81 2.20 0.00	64.70 2.19 0.00	65.09 1.96 0.00	66.79 1.88 0.00	65.12 1.96 0.00	65.30 1.90 0.00	66.64 2.00 0.00	82.19 2.39 0.00	98.59 2.87 0.00	112.85 3.61 0.00	101.84 3.16 0.00	96.49 2.90 0.00	83.03 2.18 0.00	78.09 2.20 0.00	74.55 1.53 0.00
LOWER RAQUET___HYD 24057	83.74 1.40 0.00	77.53 1.52 0.00	73.21 1.30 0.00	74.66 1.54 0.00	80.54 2.12 0.00	74.88 1.11 0.00	83.01 0.58 0.00	79.07 0.94 0.00	70.29 0.97 0.00	65.00 0.39 0.00	63.32 0.81 0.00	64.27 1.14 0.00	66.20 1.30 0.00	64.36 1.20 0.00	64.54 1.14 0.00	66.05 1.42 0.00	81.64 1.84 0.00	96.30 0.58 0.00	109.35 0.11 0.00	98.88 0.20 0.00	93.78 0.19 0.00	82.38 1.53 0.00	77.71 1.82 0.00	75.29 2.27 0.00
LOWER___HUDSON 24059	86.54 4.20 0.00	79.88 3.87 0.00	75.50 3.59 0.00	76.77 3.65 0.00	82.19 3.76 0.00	77.39 3.61 0.00	86.46 4.04 0.00	81.80 3.67 0.00	72.44 3.12 0.00	67.71 3.10 0.00	65.51 3.00 0.00	66.10 2.97 0.00	67.83 2.92 0.00	66.07 2.91 0.00	66.32 2.92 0.00	67.54 2.91 0.00	83.47 3.67 0.00	100.03 4.31 0.00	114.27 5.03 0.00	103.13 4.44 0.00	97.80 4.22 0.00	84.40 3.55 0.00	79.31 3.42 0.00	76.16 3.14 0.00
LOWVILLE_115KV_TB2 356335	85.22 2.88 0.00	78.67 2.66 0.00	74.28 2.37 0.00	75.24 2.12 0.00	81.25 2.82 0.00	76.06 2.29 0.00	85.15 2.72 0.00	80.94 2.81 0.00	71.68 2.36 0.00	66.55 1.94 0.00	64.58 2.06 0.00	65.02 1.89 0.00	67.05 2.14 0.00	65.18 2.02 0.00	65.43 2.03 0.00	66.89 2.26 0.00	83.07 3.27 0.00	99.83 4.12 0.00	113.72 4.48 0.00	102.73 4.05 0.00	97.24 3.65 0.00	84.00 3.15 0.00	78.92 3.04 0.00	75.87 2.85 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	87.69 5.35 0.00	80.95 4.94 0.00	76.51 4.60 0.00	77.80 4.68 0.00	83.29 4.86 0.00	78.49 4.72 0.00	87.70 5.28 0.00	82.89 4.77 0.00	73.27 3.95 0.00	68.43 3.81 0.00	66.14 3.63 0.00	66.79 3.66 0.00	68.48 3.57 0.00	66.70 3.54 0.00	66.89 3.49 0.00	68.32 3.68 0.00	84.67 4.87 0.00	101.46 5.74 0.00	116.02 6.77 0.00	104.71 6.02 0.00	99.20 5.62 0.00	85.54 4.69 0.00	80.36 4.48 0.00	77.11 4.09 0.00

LUTHERNY_35_KV_BK2 355980	87.78 5.43 0.00	80.95 4.94 0.00	76.58 4.67 0.00	77.87 4.75 0.00	83.37 4.94 0.00	78.49 4.72 0.00	87.78 5.36 0.00	82.97 4.84 0.00	73.34 4.02 0.00	68.49 3.88 0.00	66.20 3.69 0.00	66.86 3.72 0.00	68.48 3.57 0.00	66.76 3.60 0.00	66.95 3.55 0.00	68.38 3.75 0.00	84.75 4.95 0.00	101.56 5.84 0.00	116.12 6.88 0.00	104.80 6.12 0.00	99.30 5.71 0.00	85.62 4.77 0.00	80.44 4.55 0.00	77.11 4.09 0.00
LWR___OSWEGATCHIE_HYD 23850	84.24 1.89 0.00	77.91 1.90 0.00	73.49 1.58 0.00	74.66 1.54 0.00	80.62 2.20 0.00	75.17 1.40 0.00	83.74 1.32 0.00	79.77 1.64 0.00	70.71 1.39 0.00	65.52 0.90 0.00	63.70 1.19 0.00	64.39 1.26 0.00	66.40 1.49 0.00	64.55 1.39 0.00	64.80 1.39 0.00	66.25 1.62 0.00	82.11 2.31 0.00	97.82 2.11 0.00	111.32 2.08 0.00	100.46 1.78 0.00	95.27 1.68 0.00	82.95 2.10 0.00	78.09 2.20 0.00	75.43 2.41 0.00
LYONS_FALL_HYD 23570	84.98 2.63 0.00	78.44 2.43 0.00	74.14 2.23 0.00	75.10 1.98 0.00	81.01 2.58 0.00	75.98 2.21 0.00	84.98 2.56 0.00	80.78 2.66 0.00	71.54 2.22 0.00	66.49 1.87 0.00	64.51 2.00 0.00	64.96 1.83 0.00	66.92 2.01 0.00	65.05 1.89 0.00	65.30 1.90 0.00	66.70 2.07 0.00	82.67 2.87 0.00	99.35 3.64 0.00	113.29 4.04 0.00	102.34 3.65 0.00	96.95 3.36 0.00	83.60 2.75 0.00	78.54 2.65 0.00	75.43 2.41 0.00
MADISON___COUNTY_LFGE 323628	84.32 1.98 0.00	77.83 1.82 0.00	73.64 1.73 0.00	74.66 1.54 0.00	80.31 1.88 0.00	75.62 1.84 0.00	84.57 2.14 0.00	80.31 2.19 0.00	71.12 1.80 0.00	66.23 1.62 0.00	64.14 1.63 0.00	64.58 1.45 0.00	66.53 1.62 0.00	64.68 1.52 0.00	64.99 1.59 0.00	66.25 1.62 0.00	81.96 2.15 0.00	98.78 3.06 0.00	112.63 3.39 0.00	101.65 2.96 0.00	96.40 2.81 0.00	82.95 2.10 0.00	77.86 1.97 0.00	74.84 1.83 0.00
MALONE___115KV_TB1 356076	83.50 1.15 0.00	77.45 1.44 0.00	73.20 1.29 0.00	74.80 1.68 0.00	80.70 2.27 0.00	75.32 1.55 0.00	83.66 1.24 0.00	79.85 1.72 0.00	71.12 1.80 0.00	65.71 1.10 0.00	63.64 1.13 0.00	64.46 1.33 0.00	66.53 1.62 0.00	64.61 1.45 0.00	64.80 1.39 0.00	66.38 1.75 0.00	82.51 2.71 0.00	98.11 2.39 0.00	111.86 2.62 0.00	101.05 2.37 0.00	95.93 2.34 0.00	83.84 2.99 0.00	78.70 2.81 0.00	76.23 3.21 0.00
MAPLEWOD_115KV_TB3 80458	85.88 3.54 0.00	79.35 3.34 0.00	75.00 3.09 0.00	76.26 3.14 0.00	81.56 3.14 0.00	76.80 3.02 0.00	85.81 3.38 0.00	81.10 2.97 0.00	71.89 2.56 0.00	67.20 2.58 0.00	65.08 2.56 0.00	65.66 2.53 0.00	67.31 2.40 0.00	65.62 2.46 0.00	65.87 2.47 0.00	66.96 2.33 0.00	82.59 2.79 0.00	98.88 3.16 0.00	112.85 3.61 0.00	101.94 3.26 0.00	96.58 2.99 0.00	83.52 2.67 0.00	78.54 2.66 0.00	75.57 2.56 0.00
MAPLE_RIDGE_WT_1 323574	81.19 -1.15 0.00	75.10 -0.91 0.00	71.05 -0.86 0.00	72.46 -0.66 0.00	77.88 -0.55 0.00	73.18 -0.59 0.00	81.85 -0.57 0.00	77.74 -0.39 0.00	69.05 -0.28 0.00	64.23 -0.39 0.00	62.14 -0.37 0.00	62.82 -0.31 0.00	64.58 -0.32 0.00	62.85 -0.31 0.00	63.08 -0.32 0.00	64.44 -0.19 0.00	79.80 0.00 0.00	95.53 -0.19 0.00	109.02 -0.22 0.00	98.59 -0.10 0.00	93.50 -0.09 0.00	81.01 0.16 0.00	75.96 0.08 0.00	73.17 0.15 0.00
MAPLE_RIDGE_WT_2 323611	81.19 -1.15 0.00	75.10 -0.91 0.00	71.05 -0.86 0.00	72.46 -0.66 0.00	77.88 -0.55 0.00	73.18 -0.59 0.00	81.85 -0.57 0.00	77.74 -0.39 0.00	69.05 -0.28 0.00	64.23 -0.39 0.00	62.14 -0.37 0.00	62.82 -0.31 0.00	64.58 -0.32 0.00	62.85 -0.31 0.00	63.08 -0.32 0.00	64.44 -0.19 0.00	79.80 0.00 0.00	95.53 -0.19 0.00	109.02 -0.22 0.00	98.59 -0.10 0.00	93.50 -0.09 0.00	81.01 0.16 0.00	75.96 0.08 0.00	73.17 0.15 0.00
MARBLE_RIVER_WT_PWR 323696	81.85 -0.49 0.00	75.85 -0.15 0.00	71.77 -0.14 0.00	73.34 0.22 0.00	78.98 0.55 0.00	73.92 0.15 0.00	82.10 -0.33 0.00	78.21 0.08 0.00	69.60 0.28 0.00	64.36 -0.26 0.00	62.20 -0.31 0.00	63.00 -0.13 0.00	64.91 0.00 0.00	63.10 -0.06 0.00	63.40 0.00 0.00	64.89 0.26 0.00	80.60 0.80 0.00	96.48 0.76 0.00	110.22 0.98 0.00	99.67 0.99 0.00	94.62 1.03 0.00	82.38 1.53 0.00	77.25 1.37 0.00	74.91 1.90 0.00
MARSHVLE_115KV_TB1 80742	87.20 4.86 0.00	80.41 4.41 0.00	76.01 4.10 0.00	77.14 4.02 0.00	82.74 4.31 0.00	78.05 4.28 0.00	87.04 4.62 0.00	82.27 4.14 0.00	72.09 2.77 0.00	67.00 2.39 0.00	64.83 2.31 0.00	65.21 2.08 0.00	66.98 2.08 0.00	65.37 2.21 0.00	65.49 2.09 0.00	67.28 2.65 0.00	84.43 4.63 0.00	101.94 6.22 0.00	116.67 7.43 0.00	105.20 6.51 0.00	99.58 5.99 0.00	85.54 4.69 0.00	80.14 4.25 0.00	76.60 3.58 0.00
MARSH_HILL_WT_PWR 323713	78.80 -3.54 0.00	72.59 -3.42 0.00	69.32 -2.59 0.00	70.12 -3.00 0.00	75.06 -3.37 0.00	72.00 -1.77 0.00	79.96 -2.47 0.00	75.70 -2.42 0.00	67.04 -2.29 0.00	62.68 -1.94 0.00	60.57 -1.94 0.00	61.24 -1.89 0.00	63.35 -1.56 0.00	61.52 -1.64 0.00	61.94 -1.46 0.00	63.27 -1.36 0.00	78.04 -1.76 0.00	94.47 -1.25 0.00	107.49 -1.75 0.00	97.10 -1.58 0.00	92.65 -0.94 0.00	79.31 -1.54 0.00	74.98 -0.91 0.00	72.43 -0.59 0.00
MCINTYRE_115KV_TB2 80467	85.31 2.96 0.00	78.97 2.96 0.00	74.57 2.66 0.00	75.97 2.85 0.00	82.03 3.61 0.00	76.36 2.58 0.00	84.98 2.56 0.00	80.94 2.81 0.00	71.82 2.50 0.00	66.29 1.68 0.00	64.33 1.81 0.00	65.15 2.02 0.00	67.11 2.21 0.00	65.31 2.15 0.00	65.49 2.09 0.00	67.09 2.46 0.00	83.23 3.43 0.00	98.59 2.87 0.00	112.19 2.95 0.00	101.35 2.66 0.00	96.12 2.53 0.00	84.16 3.31 0.00	79.15 3.26 0.00	76.60 3.58 0.00
MECO_____69_KV_BK1 80468	89.09 6.75 0.00	82.16 6.16 0.00	77.66 5.75 0.00	78.97 5.85 0.00	84.54 6.12 0.00	79.75 5.98 0.00	89.10 6.68 0.00	84.06 5.94 0.00	73.83 4.51 0.00	68.75 4.14 0.00	66.45 3.94 0.00	67.04 3.91 0.00	68.67 3.76 0.00	67.01 3.85 0.00	67.14 3.74 0.00	69.03 4.39 0.00	86.34 6.54 0.00	103.95 8.23 0.00	118.97 9.72 0.00	107.27 8.59 0.00	101.64 8.05 0.00	87.32 6.47 0.00	81.88 6.00 0.00	78.20 5.18 0.00
MENANDS___115KV_TB5 355628	85.47 3.13 0.00	79.05 3.04 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	76.50 2.73 0.00	85.39 2.97 0.00	80.78 2.66 0.00	71.61 2.29 0.00	66.94 2.33 0.00	64.83 2.31 0.00	65.40 2.27 0.00	67.11 2.21 0.00	65.43 2.27 0.00	65.62 2.22 0.00	66.64 2.00 0.00	82.19 2.39 0.00	98.21 2.49 0.00	112.08 2.84 0.00	101.25 2.57 0.00	96.02 2.43 0.00	83.11 2.26 0.00	78.16 2.28 0.00	75.28 2.26 0.00
MG INDUSTRY___DRP 24185	85.39 3.05 0.00	78.89 2.89 0.00	74.64 2.73 0.00	75.90 2.78 0.00	81.17 2.74 0.00	76.43 2.66 0.00	85.31 2.88 0.00	80.55 2.42 0.00	71.33 2.01 0.00	66.62 2.00 0.00	64.45 1.94 0.00	65.02 1.89 0.00	66.72 1.82 0.00	65.06 1.89 0.00	65.30 1.90 0.00	66.44 1.81 0.00	82.04 2.23 0.00	98.11 2.39 0.00	112.08 2.84 0.00	101.15 2.47 0.00	95.93 2.34 0.00	83.03 2.18 0.00	78.09 2.20 0.00	75.21 2.19 0.00

MID___OSWEGATCHIE_HYD 23849	84.24 1.89 0.00	77.91 1.90 0.00	73.49 1.58 0.00	74.66 1.54 0.00	80.62 2.20 0.00	75.17 1.40 0.00	83.74 1.32 0.00	79.77 1.64 0.00	70.71 1.39 0.00	65.52 0.90 0.00	63.70 1.19 0.00	64.39 1.26 0.00	66.40 1.49 0.00	64.55 1.39 0.00	64.80 1.39 0.00	66.25 1.62 0.00	82.11 2.31 0.00	97.82 2.11 0.00	111.32 2.08 0.00	100.46 1.78 0.00	95.27 1.68 0.00	82.95 2.10 0.00	78.09 2.20 0.00	75.43 2.41 0.00
MID___RAQUETTE_HYD 23851	83.74 1.40 0.00	77.53 1.52 0.00	73.28 1.37 0.00	74.66 1.54 0.00	80.54 2.12 0.00	74.88 1.11 0.00	83.00 0.58 0.00	79.06 0.94 0.00	70.29 0.97 0.00	65.00 0.39 0.00	63.33 0.81 0.00	64.27 1.14 0.00	66.20 1.30 0.00	64.36 1.20 0.00	64.54 1.14 0.00	66.05 1.42 0.00	81.64 1.84 0.00	96.29 0.57 0.00	109.35 0.11 0.00	98.88 0.20 0.00	93.78 0.19 0.00	82.39 1.54 0.00	77.71 1.82 0.00	75.28 2.26 0.00
MILLIKEN___1 23584	82.51 0.16 0.00	76.01 0.00 0.00	71.91 0.00 0.00	72.97 -0.15 0.00	78.27 -0.16 0.00	73.99 0.22 0.00	82.67 0.25 0.00	78.44 0.31 0.00	69.53 0.21 0.00	64.87 0.26 0.00	62.70 0.19 0.00	63.26 0.13 0.00	65.23 0.32 0.00	63.35 0.19 0.00	63.65 0.25 0.00	64.89 0.26 0.00	80.28 0.48 0.00	97.25 1.53 0.00	110.88 1.64 0.00	99.97 1.28 0.00	94.90 1.31 0.00	81.58 0.73 0.00	76.57 0.68 0.00	73.60 0.58 0.00
MILLIKEN___2 23585	82.51 0.16 0.00	76.01 0.00 0.00	71.91 0.00 0.00	72.97 -0.15 0.00	78.27 -0.16 0.00	73.99 0.22 0.00	82.67 0.25 0.00	78.44 0.31 0.00	69.53 0.21 0.00	64.87 0.26 0.00	62.70 0.19 0.00	63.26 0.13 0.00	65.23 0.32 0.00	63.35 0.19 0.00	63.65 0.25 0.00	64.89 0.26 0.00	80.28 0.48 0.00	97.25 1.53 0.00	110.88 1.64 0.00	99.97 1.28 0.00	94.90 1.31 0.00	81.58 0.73 0.00	76.57 0.68 0.00	73.60 0.58 0.00
MILLIKEN___DIESEL 23629	82.51 0.16 0.00	76.01 0.00 0.00	71.91 0.00 0.00	72.97 -0.15 0.00	78.27 -0.16 0.00	73.99 0.22 0.00	82.67 0.25 0.00	78.44 0.31 0.00	69.53 0.21 0.00	64.87 0.26 0.00	62.70 0.19 0.00	63.26 0.13 0.00	65.23 0.32 0.00	63.35 0.19 0.00	63.65 0.25 0.00	64.89 0.26 0.00	80.28 0.48 0.00	97.25 1.53 0.00	110.88 1.64 0.00	99.97 1.28 0.00	94.90 1.31 0.00	81.58 0.73 0.00	76.57 0.68 0.00	73.60 0.58 0.00
MILLSEAT___LFGE 323607	75.92 -6.42 0.00	69.92 -6.08 0.00	67.02 -4.89 0.00	67.85 -5.27 0.00	72.23 -6.20 0.00	69.64 -4.13 0.00	76.74 -5.69 0.00	72.35 -5.78 0.00	64.05 -5.27 0.00	60.09 -4.52 0.00	58.08 -4.44 0.00	58.52 -4.61 0.00	60.43 -4.48 0.00	58.49 -4.67 0.00	58.83 -4.57 0.00	59.78 -4.85 0.00	73.18 -6.62 0.00	88.44 -7.28 0.00	100.40 -8.85 0.00	90.60 -8.09 0.00	87.13 -6.46 0.00	74.70 -6.15 0.00	71.34 -4.55 0.00	69.73 -3.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	85.88 3.54 0.00	79.12 3.12 0.00	74.71 2.80 0.00	75.97 2.85 0.00	81.33 2.90 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.02 2.89 0.00	71.96 2.63 0.00	67.26 2.65 0.00	65.08 2.56 0.00	65.53 2.40 0.00	67.24 2.34 0.00	65.56 2.40 0.00	65.75 2.35 0.00	67.09 2.46 0.00	82.75 2.95 0.00	99.26 3.54 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.68 2.83 0.00	78.62 2.73 0.00	75.06 2.04 0.00
MILLWOOD_13_KV_LOAD 356217	86.05 3.71 0.00	79.27 3.27 0.00	74.86 2.95 0.00	76.19 3.07 0.00	81.56 3.14 0.00	76.65 2.88 0.00	85.81 3.38 0.00	81.17 3.05 0.00	72.09 2.77 0.00	67.39 2.78 0.00	65.20 2.69 0.00	65.59 2.46 0.00	67.37 2.47 0.00	65.62 2.46 0.00	65.87 2.47 0.00	67.15 2.52 0.00	82.91 3.11 0.00	99.55 3.83 0.00	113.94 4.70 0.00	102.83 4.14 0.00	97.43 3.84 0.00	83.84 2.99 0.00	78.77 2.88 0.00	75.21 2.19 0.00
MODEL_CITY_ENERGY 24167	73.53 -8.81 0.00	67.72 -8.28 0.00	65.01 -6.90 0.00	65.81 -7.31 0.00	70.11 -8.32 0.00	67.43 -6.34 0.00	74.10 -8.32 0.00	69.77 -8.36 0.00	61.83 -7.49 0.00	58.02 -6.59 0.00	56.08 -6.44 0.00	56.63 -6.50 0.00	58.35 -6.55 0.00	56.53 -6.63 0.00	56.87 -6.53 0.00	57.72 -6.91 0.00	70.38 -9.42 0.00	84.71 -11.00 0.00	96.02 -13.22 0.00	86.84 -11.85 0.00	83.76 -9.83 0.00	71.80 -9.05 0.00	68.83 -7.06 0.00	67.54 -5.48 0.00
MODERN_LFGE___ 323580	73.53 -8.81 0.00	67.72 -8.28 0.00	65.01 -6.90 0.00	65.81 -7.31 0.00	70.11 -8.32 0.00	67.43 -6.34 0.00	74.10 -8.32 0.00	69.77 -8.36 0.00	61.83 -7.49 0.00	58.02 -6.59 0.00	56.08 -6.44 0.00	56.63 -6.50 0.00	58.35 -6.55 0.00	56.53 -6.63 0.00	56.87 -6.53 0.00	57.72 -6.91 0.00	70.38 -9.42 0.00	84.71 -11.00 0.00	96.02 -13.22 0.00	86.84 -11.85 0.00	83.76 -9.83 0.00	71.80 -9.05 0.00	68.83 -7.06 0.00	67.54 -5.48 0.00
MOHAWK_PAPER___DRP 24187	85.88 3.54 0.00	79.35 3.34 0.00	75.00 3.09 0.00	76.26 3.14 0.00	81.56 3.14 0.00	76.80 3.02 0.00	85.81 3.38 0.00	81.10 2.97 0.00	71.89 2.56 0.00	67.20 2.58 0.00	65.08 2.56 0.00	65.66 2.53 0.00	67.31 2.40 0.00	65.62 2.46 0.00	65.87 2.47 0.00	66.96 2.33 0.00	82.59 2.79 0.00	98.88 3.16 0.00	112.85 3.61 0.00	101.94 3.26 0.00	96.58 2.99 0.00	83.52 2.67 0.00	78.54 2.66 0.00	75.57 2.56 0.00
MOHICAN___35_KV_115KV_LD 80490	89.18 6.83 0.00	82.24 6.23 0.00	77.81 5.90 0.00	79.12 6.00 0.00	84.62 6.20 0.00	79.82 6.05 0.00	89.27 6.84 0.00	84.30 6.17 0.00	74.45 5.13 0.00	69.52 4.91 0.00	67.14 4.63 0.00	67.80 4.67 0.00	69.32 4.41 0.00	67.58 4.42 0.00	67.71 4.31 0.00	69.29 4.65 0.00	86.03 6.22 0.00	103.18 7.47 0.00	118.09 8.85 0.00	106.48 7.80 0.00	100.89 7.30 0.00	86.99 6.14 0.00	81.65 5.77 0.00	78.28 5.26 0.00
MONGAUP___HYD 23641	86.05 3.71 0.00	79.27 3.27 0.00	75.00 3.09 0.00	76.19 3.07 0.00	81.72 3.29 0.00	76.80 3.03 0.00	85.89 3.46 0.00	81.10 2.97 0.00	71.96 2.63 0.00	67.01 2.39 0.00	64.70 2.19 0.00	65.09 1.96 0.00	66.92 2.01 0.00	65.18 2.02 0.00	65.49 2.09 0.00	66.96 2.32 0.00	82.91 3.11 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.13 4.44 0.00	97.61 4.02 0.00	84.00 3.15 0.00	78.84 2.96 0.00	75.36 2.34 0.00
MONTAUK___DIESEL 23721	97.37 6.09 -8.93	100.61 5.47 -19.13	87.76 4.96 -10.89	84.79 5.12 -6.55	84.18 5.25 -0.50	95.26 5.09 -16.40	102.53 6.10 -14.01	103.10 5.55 -19.43	84.45 4.71 -10.41	81.47 4.52 -12.34	66.33 3.81 0.00	66.10 2.97 0.00	67.89 2.99 0.00	65.88 2.72 0.00	66.38 2.98 0.00	68.19 3.55 0.00	95.22 4.63 -10.80	138.16 6.22 -36.22	136.62 7.54 -19.84	126.88 7.40 -20.79	118.32 7.67 -17.06	103.51 6.95 -15.70	97.04 7.06 -14.10	94.93 6.86 -15.04
MOONROAD_115KV_HARTFLD_TB1-2 355988	77.57 -4.78 0.00	71.29 -4.71 0.00	68.67 -3.24 0.00	69.54 -3.58 0.00	74.27 -4.16 0.00	71.78 -1.99 0.00	79.21 -3.21 0.00	74.92 -3.20 0.00	66.41 -2.91 0.00	62.61 -2.00 0.00	60.45 -2.06 0.00	61.17 -1.96 0.00	63.09 -1.82 0.00	61.01 -2.15 0.00	61.56 -1.84 0.00	62.69 -1.94 0.00	76.93 -2.87 0.00	92.66 -3.06 0.00	105.42 -3.82 0.00	95.33 -3.36 0.00	91.25 -2.34 0.00	77.78 -3.07 0.00	74.07 -1.82 0.00	72.00 -1.02 0.00

MORRIS_RIDGE___SOLAR 323848	77.56 -4.78 0.00	71.45 -4.56 0.00	68.32 -3.59 0.00	69.17 -3.95 0.00	73.96 -4.47 0.00	70.89 -2.88 0.00	78.55 -3.87 0.00	74.15 -3.98 0.00	65.58 -3.74 0.00	61.19 -3.43 0.00	59.14 -3.38 0.00	59.78 -3.35 0.00	61.66 -3.24 0.00	59.87 -3.29 0.00	60.30 -3.11 0.00	61.47 -3.17 0.00	75.65 -4.15 0.00	91.51 -4.21 0.00	104.00 -5.24 0.00	94.05 -4.64 0.00	89.94 -3.65 0.00	77.13 -3.72 0.00	73.16 -2.73 0.00	71.05 -1.97 0.00
MORTIMER_115KV_TB3 55949	77.16 -5.19 0.00	71.22 -4.79 0.00	67.74 -4.17 0.00	68.73 -4.39 0.00	73.33 -5.10 0.00	70.08 -3.69 0.00	77.73 -4.70 0.00	73.52 -4.61 0.00	65.16 -4.16 0.00	60.99 -3.62 0.00	58.89 -3.63 0.00	59.47 -3.66 0.00	61.40 -3.50 0.00	59.50 -3.66 0.00	59.79 -3.61 0.00	60.82 -3.81 0.00	74.69 -5.11 0.00	90.45 -5.26 0.00	102.91 -6.34 0.00	92.86 -5.82 0.00	88.72 -4.87 0.00	76.24 -4.61 0.00	72.24 -3.64 0.00	70.10 -2.92 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	86.13 3.79 0.00	79.35 3.34 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.56 3.14 0.00	76.65 2.88 0.00	85.81 3.38 0.00	81.25 3.13 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.88 2.72 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.15 3.35 0.00	99.64 3.92 0.00	114.05 4.81 0.00	103.03 4.34 0.00	97.61 4.02 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.36 2.34 0.00
MUNSVILLE_WIND_PWR 323609	88.77 6.43 0.00	81.86 5.85 0.00	77.45 5.54 0.00	77.80 4.68 0.00	84.31 5.88 0.00	79.23 5.46 0.00	88.94 6.51 0.00	84.61 6.48 0.00	74.66 5.34 0.00	69.27 4.65 0.00	67.07 4.56 0.00	67.36 4.23 0.00	69.58 4.68 0.00	67.39 4.23 0.00	67.84 4.44 0.00	69.29 4.66 0.00	86.50 6.70 0.00	105.29 9.57 0.00	120.06 10.82 0.00	108.46 9.77 0.00	102.77 9.18 0.00	87.97 7.12 0.00	82.57 6.68 0.00	79.15 6.13 0.00
N SALMON___HYD 24042	83.49 1.15 0.00	77.45 1.44 0.00	73.21 1.30 0.00	74.80 1.68 0.00	80.70 2.28 0.00	75.32 1.55 0.00	83.66 1.24 0.00	79.84 1.72 0.00	71.12 1.80 0.00	65.71 1.10 0.00	63.64 1.13 0.00	64.46 1.33 0.00	66.53 1.62 0.00	64.61 1.45 0.00	64.79 1.39 0.00	66.38 1.75 0.00	82.52 2.71 0.00	98.11 2.39 0.00	111.86 2.62 0.00	101.05 2.36 0.00	95.93 2.34 0.00	83.84 2.99 0.00	78.70 2.81 0.00	76.23 3.21 0.00
N.AKRON__115KV_KNAPP 355671	75.76 -6.59 0.00	69.85 -6.16 0.00	66.88 -5.03 0.00	67.71 -5.41 0.00	72.07 -6.35 0.00	69.49 -4.28 0.00	76.57 -5.85 0.00	72.19 -5.94 0.00	63.91 -5.41 0.00	59.96 -4.65 0.00	57.76 -4.75 0.00	58.40 -4.73 0.00	60.30 -4.61 0.00	58.36 -4.80 0.00	58.71 -4.69 0.00	59.66 -4.98 0.00	73.02 -6.78 0.00	88.25 -7.47 0.00	100.07 -9.18 0.00	90.50 -8.19 0.00	86.94 -6.64 0.00	74.54 -6.31 0.00	71.18 -4.71 0.00	69.59 -3.43 0.00
N.BELMOR_69_KV_BK1 55787	96.46 5.19 -8.93	99.78 4.64 -19.13	87.04 4.24 -10.89	83.98 4.31 -6.55	83.39 4.47 -0.50	94.38 4.21 -16.40	101.30 4.86 -14.01	102.01 4.45 -19.43	83.82 4.09 -10.41	81.09 4.14 -12.34	66.45 3.94 0.00	66.60 3.47 0.00	68.41 3.50 0.00	66.57 3.41 0.00	66.95 3.55 0.00	68.45 3.81 0.00	95.30 4.71 -10.80	137.68 5.74 -36.22	135.96 6.88 -19.84	125.60 6.12 -20.79	116.35 5.71 -17.06	101.08 4.53 -15.70	94.39 4.40 -14.10	91.64 3.58 -15.04
N.E_GEN_SANDY PD 24062	107.70 3.95 -21.41	104.10 3.57 -24.52	103.10 3.31 -27.88	101.60 3.37 -25.11	101.60 3.45 -19.73	107.50 3.32 -30.40	121.40 3.71 -35.26	121.50 3.36 -40.02	104.07 3.05 -31.70	102.10 2.97 -34.51	96.80 2.88 -31.41	90.20 2.84 -24.23	88.30 2.79 -20.60	88.00 2.78 -22.06	90.10 2.79 -23.91	95.70 2.78 -28.29	108.90 3.35 -25.75	130.87 3.93 -31.23	124.69 4.69 -10.75	114.24 4.14 -11.41	114.24 3.93 -16.72	106.65 3.24 -22.56	99.73 3.19 -20.66	101.58 2.77 -25.79
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	85.55 3.21 0.00	78.82 2.81 0.00	74.50 2.59 0.00	75.75 2.63 0.00	81.09 2.67 0.00	76.21 2.43 0.00	85.31 2.88 0.00	80.71 2.58 0.00	71.54 2.22 0.00	66.87 2.26 0.00	64.76 2.25 0.00	65.15 2.02 0.00	66.85 1.95 0.00	65.25 2.08 0.00	65.43 2.03 0.00	66.70 2.07 0.00	82.35 2.55 0.00	98.78 3.06 0.00	113.07 3.82 0.00	102.04 3.36 0.00	96.68 3.09 0.00	83.19 2.34 0.00	78.24 2.35 0.00	74.70 1.68 0.00
N.QUEENS_27_KV_LOAD 356247	86.38 4.03 0.00	79.43 3.42 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.41 2.98 0.00	75.99 2.21 0.00	85.15 2.72 0.00	80.71 2.58 0.00	72.03 2.70 0.00	67.52 2.91 0.00	65.33 2.81 0.00	65.72 2.59 0.00	67.57 2.66 0.00	65.88 2.72 0.00	66.06 2.66 0.00	67.35 2.71 0.00	82.91 3.11 0.00	99.36 3.64 0.00	113.83 4.59 0.00	102.73 4.05 0.00	97.33 3.74 0.00	83.60 2.75 0.00	78.62 2.73 0.00	75.21 2.19 0.00
N.TROY___115KV_TB1 355778	86.54 4.20 0.00	79.88 3.88 0.00	75.51 3.60 0.00	76.78 3.66 0.00	82.19 3.76 0.00	77.39 3.61 0.00	86.46 4.04 0.00	81.80 3.67 0.00	72.44 3.12 0.00	67.71 3.10 0.00	65.51 3.00 0.00	66.10 2.97 0.00	67.83 2.92 0.00	66.07 2.91 0.00	66.32 2.92 0.00	67.54 2.91 0.00	83.47 3.67 0.00	100.03 4.31 0.00	114.27 5.03 0.00	103.13 4.44 0.00	97.80 4.21 0.00	84.41 3.56 0.00	79.30 3.41 0.00	76.16 3.14 0.00
NARROWS_GT1_1 24228	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NARROWS_GT1_2 24229	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NARROWS_GT1_3 24230	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NARROWS_GT1_4 24231	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00

NARROWS_GT1_5 24232	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NARROWS_GT1_6 24233	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NARROWS_GT1_7 24234	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NARROWS_GT1_8 24235	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NARROWS_GT2_1 24236	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NARROWS_GT2_2 24237	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NARROWS_GT2_3 24238	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NARROWS_GT2_4 24239	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NARROWS_GT2_5 24240	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NARROWS_GT2_6 24241	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NARROWS_GT2_7 24242	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NARROWS_GT2_8 24243	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	426.37 4.88 -325.77	319.27 5.90 -204.13	429.68 5.23 -325.77	301.52 4.86 -203.07	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	87.45 5.11 0.00	80.95 4.94 0.00	76.66 4.75 0.00	77.87 4.75 0.00	83.29 4.86 0.00	78.42 4.65 0.00	87.45 5.03 0.00	82.35 4.22 0.00	72.86 3.54 0.00	67.84 3.23 0.00	65.58 3.06 0.00	65.97 2.84 0.00	67.70 2.79 0.00	66.07 2.91 0.00	66.32 2.92 0.00	67.61 2.97 0.00	83.71 3.91 0.00	100.31 4.59 0.00	114.49 5.24 0.00	103.42 4.74 0.00	97.89 4.31 0.00	84.73 3.88 0.00	79.68 3.79 0.00	76.89 3.87 0.00
NCHELSEA_115KV_TR2 355582	86.46 4.12 0.00	79.73 3.72 0.00	75.43 3.52 0.00	76.63 3.51 0.00	82.11 3.69 0.00	77.17 3.39 0.00	86.30 3.87 0.00	81.56 3.44 0.00	72.51 3.19 0.00	67.65 3.04 0.00	65.45 2.94 0.00	65.78 2.65 0.00	67.63 2.73 0.00	65.88 2.72 0.00	66.13 2.73 0.00	67.48 2.84 0.00	83.39 3.59 0.00	100.22 4.50 0.00	114.60 5.35 0.00	103.52 4.84 0.00	97.99 4.40 0.00	84.41 3.56 0.00	79.30 3.41 0.00	75.72 2.70 0.00
NEG CAPITAL___MECHNVIL 23645	87.86 5.52 0.00	81.02 5.02 0.00	76.65 4.74 0.00	77.87 4.75 0.00	83.37 4.94 0.00	78.57 4.79 0.00	87.78 5.35 0.00	82.97 4.85 0.00	73.41 4.09 0.00	68.56 3.94 0.00	66.33 3.81 0.00	66.92 3.79 0.00	68.60 3.70 0.00	66.89 3.73 0.00	67.08 3.68 0.00	68.51 3.88 0.00	84.83 5.03 0.00	101.66 5.94 0.00	116.24 7.00 0.00	104.91 6.22 0.00	99.39 5.80 0.00	85.70 4.85 0.00	80.52 4.63 0.00	77.18 4.16 0.00

NEG CENTRAL_HIGH_ACRES 23767	76.58 -5.77 0.00	70.61 -5.39 0.00	67.09 -4.82 0.00	68.08 -5.04 0.00	72.70 -5.72 0.00	69.35 -4.42 0.00	77.07 -5.36 0.00	72.89 -5.23 0.00	64.68 -4.64 0.00	60.48 -4.14 0.00	58.51 -4.00 0.00	59.03 -4.10 0.00	60.95 -3.96 0.00	59.06 -4.10 0.00	59.34 -4.06 0.00	60.43 -4.20 0.00	74.30 -5.51 0.00	89.98 -5.74 0.00	102.47 -6.77 0.00	92.37 -6.32 0.00	88.07 -5.52 0.00	75.76 -5.09 0.00	71.56 -4.32 0.00	69.22 -3.80 0.00
NEG CENTRAL___DRP 24199	80.20 -2.14 0.00	73.88 -2.13 0.00	70.04 -1.87 0.00	71.07 -2.05 0.00	76.15 -2.27 0.00	72.22 -1.55 0.00	80.53 -1.90 0.00	76.33 -1.80 0.00	67.73 -1.59 0.00	63.32 -1.29 0.00	61.20 -1.31 0.00	61.74 -1.39 0.00	63.67 -1.23 0.00	61.83 -1.33 0.00	62.20 -1.20 0.00	63.40 -1.23 0.00	78.12 -1.68 0.00	94.38 -1.34 0.00	107.39 -1.86 0.00	97.01 -1.68 0.00	92.28 -1.31 0.00	79.48 -1.37 0.00	74.75 -1.14 0.00	72.00 -1.02 0.00
NEG CENTRAL___INDECK 23768	80.20 -2.14 0.00	73.96 -2.05 0.00	70.40 -1.51 0.00	71.36 -1.76 0.00	76.15 -2.28 0.00	73.18 -0.59 0.00	81.27 -1.15 0.00	76.96 -1.17 0.00	68.08 -1.25 0.00	63.38 -1.23 0.00	61.14 -1.38 0.00	61.61 -1.52 0.00	63.74 -1.17 0.00	61.71 -1.45 0.00	62.13 -1.27 0.00	63.47 -1.16 0.00	78.52 -1.28 0.00	95.43 -0.29 0.00	108.81 -0.44 0.00	97.89 -0.79 0.00	93.50 -0.09 0.00	80.20 -0.65 0.00	75.81 -0.08 0.00	73.31 0.29 0.00
NEG CENTRAL___SENECA 23627	80.20 -2.14 0.00	73.95 -2.05 0.00	70.11 -1.80 0.00	71.07 -2.05 0.00	76.15 -2.27 0.00	72.45 -1.33 0.00	80.69 -1.73 0.00	76.49 -1.64 0.00	67.80 -1.53 0.00	63.45 -1.16 0.00	61.32 -1.19 0.00	61.87 -1.26 0.00	63.87 -1.04 0.00	61.90 -1.26 0.00	62.32 -1.08 0.00	63.53 -1.10 0.00	78.28 -1.52 0.00	94.38 -1.34 0.00	107.06 -2.18 0.00	96.91 -1.78 0.00	92.37 -1.22 0.00	79.56 -1.29 0.00	74.90 -0.99 0.00	72.22 -0.80 0.00
NEG CENTRAL___STATE_STREET 24147	80.78 -1.56 0.00	74.49 -1.52 0.00	70.47 -1.44 0.00	71.51 -1.61 0.00	76.70 -1.73 0.00	72.59 -1.18 0.00	81.02 -1.40 0.00	76.88 -1.25 0.00	68.21 -1.11 0.00	63.71 -0.90 0.00	61.64 -0.88 0.00	62.18 -0.95 0.00	64.06 -0.84 0.00	62.21 -0.95 0.00	62.58 -0.82 0.00	63.79 -0.84 0.00	78.76 -1.04 0.00	95.43 -0.29 0.00	108.70 -0.55 0.00	98.09 -0.59 0.00	93.12 -0.47 0.00	80.12 -0.73 0.00	75.13 -0.76 0.00	72.22 -0.80 0.00
NEG MILLWOOD___DRP 24198	86.95 4.61 0.00	80.19 4.18 0.00	75.79 3.88 0.00	77.14 4.02 0.00	82.66 4.24 0.00	77.61 3.84 0.00	86.79 4.37 0.00	82.11 3.98 0.00	73.00 3.67 0.00	68.17 3.55 0.00	65.83 3.31 0.00	66.16 3.03 0.00	68.02 3.12 0.00	66.26 3.09 0.00	66.38 2.98 0.00	67.86 3.23 0.00	83.87 4.07 0.00	100.79 5.07 0.00	115.47 6.23 0.00	104.21 5.53 0.00	98.64 5.05 0.00	84.89 4.04 0.00	79.83 3.95 0.00	76.09 3.07 0.00
NEG NORTH_FLCN_SEA 23793	82.92 0.58 0.00	76.84 0.84 0.00	72.70 0.79 0.00	74.36 1.24 0.00	80.07 1.65 0.00	74.95 1.18 0.00	82.67 0.25 0.00	78.83 0.70 0.00	70.15 0.83 0.00	64.81 0.19 0.00	62.64 0.13 0.00	63.45 0.32 0.00	65.43 0.52 0.00	63.60 0.44 0.00	63.84 0.44 0.00	65.41 0.78 0.00	81.32 1.52 0.00	97.25 1.53 0.00	110.99 1.75 0.00	100.36 1.68 0.00	95.27 1.68 0.00	83.03 2.18 0.00	77.86 1.97 0.00	76.01 2.99 0.00
NEG NORTH_KES_CHATEGAY 23792	82.01 -0.33 0.00	76.01 0.00 0.00	71.91 0.00 0.00	73.49 0.37 0.00	79.21 0.78 0.00	74.07 0.30 0.00	82.34 -0.08 0.00	78.52 0.39 0.00	69.81 0.49 0.00	64.61 0.00 0.00	62.39 -0.13 0.00	63.19 0.06 0.00	65.10 0.19 0.00	63.35 0.19 0.00	63.59 0.19 0.00	65.15 0.52 0.00	80.92 1.12 0.00	96.77 1.05 0.00	110.55 1.31 0.00	99.97 1.28 0.00	94.90 1.31 0.00	82.63 1.78 0.00	77.48 1.59 0.00	75.06 2.04 0.00
NEG NORTH___ALICE_FALLS 23915	83.17 0.82 0.00	77.15 1.14 0.00	72.99 1.08 0.00	74.66 1.54 0.00	80.39 1.96 0.00	75.17 1.40 0.00	83.25 0.82 0.00	79.38 1.25 0.00	70.71 1.39 0.00	65.32 0.71 0.00	63.14 0.63 0.00	63.89 0.76 0.00	65.95 1.04 0.00	64.11 0.95 0.00	64.35 0.95 0.00	65.86 1.23 0.00	82.04 2.23 0.00	97.92 2.20 0.00	111.86 2.62 0.00	101.05 2.37 0.00	96.02 2.43 0.00	83.60 2.75 0.00	78.39 2.50 0.00	76.31 3.29 0.00
NEG NORTH___LWR_SARANAC 23913	83.17 0.82 0.00	77.15 1.14 0.00	72.99 1.08 0.00	74.66 1.54 0.00	80.39 1.96 0.00	75.17 1.40 0.00	83.25 0.82 0.00	79.38 1.25 0.00	70.71 1.39 0.00	65.32 0.71 0.00	63.14 0.63 0.00	63.89 0.76 0.00	65.95 1.04 0.00	64.11 0.95 0.00	64.35 0.95 0.00	65.86 1.23 0.00	82.04 2.23 0.00	97.92 2.20 0.00	111.86 2.62 0.00	101.05 2.37 0.00	96.02 2.43 0.00	83.60 2.75 0.00	78.39 2.50 0.00	76.31 3.29 0.00
NEG NORTH___PLATTSBURG 23628	83.17 0.82 0.00	77.15 1.14 0.00	72.99 1.08 0.00	74.66 1.54 0.00	80.39 1.96 0.00	75.17 1.40 0.00	83.25 0.82 0.00	79.37 1.25 0.00	70.71 1.39 0.00	65.33 0.71 0.00	63.14 0.63 0.00	63.89 0.76 0.00	65.94 1.04 0.00	64.11 0.95 0.00	64.35 0.95 0.00	65.86 1.22 0.00	82.03 2.23 0.00	97.92 2.20 0.00	111.86 2.62 0.00	101.05 2.36 0.00	96.02 2.43 0.00	83.60 2.75 0.00	78.39 2.50 0.00	76.31 3.29 0.00
NEG WEST_LEA_LOCKPORT 23791	74.19 -8.15 0.00	68.33 -7.68 0.00	65.58 -6.33 0.00	66.39 -6.73 0.00	70.74 -7.69 0.00	68.09 -5.68 0.00	74.84 -7.58 0.00	70.47 -7.66 0.00	62.46 -6.86 0.00	58.67 -5.94 0.00	56.51 -6.00 0.00	57.20 -5.93 0.00	59.00 -5.91 0.00	57.10 -6.06 0.00	57.44 -5.96 0.00	58.30 -6.33 0.00	71.18 -8.62 0.00	85.76 -9.95 0.00	97.12 -12.13 0.00	88.03 -10.66 0.00	84.70 -8.89 0.00	72.60 -8.25 0.00	69.59 -6.30 0.00	68.20 -4.82 0.00
NEG WEST___LANCASTER 23811	78.39 -3.95 0.00	72.13 -3.88 0.00	69.18 -2.73 0.00	70.05 -3.07 0.00	74.74 -3.69 0.00	71.86 -1.92 0.00	79.21 -3.21 0.00	74.61 -3.52 0.00	66.13 -3.19 0.00	62.09 -2.52 0.00	59.95 -2.56 0.00	60.67 -2.46 0.00	62.51 -2.40 0.00	60.57 -2.59 0.00	60.99 -2.41 0.00	61.98 -2.65 0.00	75.97 -3.83 0.00	91.51 -4.21 0.00	104.00 -5.24 0.00	94.05 -4.64 0.00	90.22 -3.37 0.00	77.21 -3.64 0.00	73.69 -2.20 0.00	72.07 -0.95 0.00
NEG_PENN_ALLEGHNY 23528	81.52 -0.82 0.00	75.10 -0.91 0.00	71.19 -0.72 0.00	72.25 -0.87 0.00	77.40 -1.02 0.00	73.26 -0.51 0.00	81.68 -0.74 0.00	77.35 -0.78 0.00	68.63 -0.69 0.00	64.09 -0.52 0.00	62.01 -0.50 0.00	62.56 -0.57 0.00	64.46 -0.45 0.00	62.65 -0.51 0.00	62.96 -0.44 0.00	64.11 -0.52 0.00	79.16 -0.64 0.00	95.53 -0.19 0.00	108.92 -0.33 0.00	98.29 -0.39 0.00	93.40 -0.19 0.00	80.29 -0.56 0.00	75.59 -0.30 0.00	72.73 -0.29 0.00
NEG___GEN_MONROE 24207	76.83 -5.52 0.00	70.91 -5.09 0.00	67.52 -4.39 0.00	68.51 -4.61 0.00	73.09 -5.33 0.00	69.94 -3.84 0.00	77.40 -5.03 0.00	73.13 -5.00 0.00	64.82 -4.51 0.00	60.67 -3.94 0.00	58.57 -3.94 0.00	59.15 -3.98 0.00	61.01 -3.89 0.00	59.06 -4.11 0.00	59.41 -3.99 0.00	60.43 -4.20 0.00	74.21 -5.59 0.00	89.88 -5.84 0.00	102.14 -7.10 0.00	92.27 -6.41 0.00	88.25 -5.33 0.00	75.84 -5.01 0.00	72.02 -3.87 0.00	70.03 -2.99 0.00

NEPA__ENERGY 23901	76.99 -5.35 0.00	70.91 -5.09 0.00	67.95 -3.96 0.00	68.81 -4.31 0.00	73.49 -4.94 0.00	70.60 -3.17 0.00	77.89 -4.53 0.00	73.60 -4.53 0.00	65.23 -4.09 0.00	61.25 -3.36 0.00	59.07 -3.44 0.00	59.78 -3.35 0.00	61.66 -3.25 0.00	59.69 -3.47 0.00	60.10 -3.30 0.00	61.14 -3.49 0.00	74.93 -4.87 0.00	90.36 -5.36 0.00	102.58 -6.66 0.00	92.86 -5.82 0.00	88.91 -4.68 0.00	76.16 -4.69 0.00	72.55 -3.34 0.00	70.68 -2.34 0.00
NEVERSink__HYD 23608	85.88 3.54 0.00	79.20 3.19 0.00	74.93 3.02 0.00	76.12 3.00 0.00	81.64 3.22 0.00	76.73 2.95 0.00	85.89 3.46 0.00	81.10 2.97 0.00	72.02 2.70 0.00	67.01 2.39 0.00	64.83 2.31 0.00	65.15 2.02 0.00	66.98 2.08 0.00	65.24 2.08 0.00	65.49 2.09 0.00	66.89 2.26 0.00	82.83 3.03 0.00	99.74 4.02 0.00	114.04 4.80 0.00	103.13 4.44 0.00	97.61 4.02 0.00	83.92 3.07 0.00	78.84 2.96 0.00	75.21 2.19 0.00
NEWKRMKL_115KV_TB1 55635	85.22 2.88 0.00	78.89 2.89 0.00	74.57 2.66 0.00	75.90 2.78 0.00	81.01 2.59 0.00	76.36 2.58 0.00	85.15 2.72 0.00	80.55 2.42 0.00	71.40 2.08 0.00	66.75 2.13 0.00	64.70 2.19 0.00	65.21 2.08 0.00	66.92 2.01 0.00	65.25 2.08 0.00	65.43 2.03 0.00	66.38 1.75 0.00	81.80 2.00 0.00	97.73 2.01 0.00	111.54 2.29 0.00	100.76 2.07 0.00	95.46 1.87 0.00	82.79 1.94 0.00	77.86 1.97 0.00	75.14 2.12 0.00
NEWTON__FALLS_HYD 23847	84.24 1.89 0.00	77.91 1.90 0.00	73.49 1.58 0.00	74.66 1.54 0.00	80.62 2.20 0.00	75.17 1.40 0.00	83.74 1.32 0.00	79.77 1.64 0.00	70.71 1.39 0.00	65.52 0.90 0.00	63.70 1.19 0.00	64.39 1.26 0.00	66.40 1.49 0.00	64.55 1.39 0.00	64.80 1.39 0.00	66.25 1.62 0.00	82.11 2.31 0.00	97.82 2.11 0.00	111.32 2.08 0.00	100.46 1.78 0.00	95.27 1.68 0.00	82.95 2.10 0.00	78.09 2.20 0.00	75.43 2.41 0.00
NGRID_A1_DSASP 323792	73.70 -8.64 0.00	67.95 -8.06 0.00	65.37 -6.54 0.00	66.10 -7.02 0.00	70.35 -8.08 0.00	67.65 -6.12 0.00	73.69 -8.74 0.00	69.30 -8.83 0.00	61.42 -7.90 0.00	57.76 -6.85 0.00	55.82 -6.69 0.00	56.31 -6.82 0.00	58.09 -6.81 0.00	56.21 -6.95 0.00	56.55 -6.85 0.00	57.33 -7.30 0.00	69.82 -9.98 0.00	84.04 -11.68 0.00	95.15 -14.09 0.00	86.15 -12.53 0.00	83.11 -10.48 0.00	71.31 -9.54 0.00	68.45 -7.43 0.00	67.54 -5.48 0.00
NGRID_A2_DSASP 323793	73.70 -8.64 0.00	67.95 -8.06 0.00	65.37 -6.54 0.00	66.10 -7.02 0.00	70.35 -8.08 0.00	67.65 -6.12 0.00	73.69 -8.74 0.00	69.30 -8.83 0.00	61.42 -7.90 0.00	57.76 -6.85 0.00	55.82 -6.69 0.00	56.31 -6.82 0.00	58.09 -6.81 0.00	56.21 -6.95 0.00	56.55 -6.85 0.00	57.33 -7.30 0.00	69.82 -9.98 0.00	84.04 -11.68 0.00	95.15 -14.09 0.00	86.15 -12.53 0.00	83.11 -10.48 0.00	71.31 -9.54 0.00	68.45 -7.43 0.00	67.54 -5.48 0.00
NGRID_A4_DSASP 323807	73.70 -8.64 0.00	67.95 -8.06 0.00	65.37 -6.54 0.00	66.10 -7.02 0.00	70.35 -8.08 0.00	67.65 -6.12 0.00	73.69 -8.74 0.00	69.30 -8.83 0.00	61.42 -7.90 0.00	57.76 -6.85 0.00	55.82 -6.69 0.00	56.31 -6.82 0.00	58.09 -6.81 0.00	56.21 -6.95 0.00	56.55 -6.85 0.00	57.33 -7.30 0.00	69.82 -9.98 0.00	84.04 -11.68 0.00	95.15 -14.09 0.00	86.15 -12.53 0.00	83.11 -10.48 0.00	71.31 -9.54 0.00	68.45 -7.43 0.00	67.54 -5.48 0.00
NIAGARA_115E_LBMP 323715	73.04 -9.30 0.00	67.34 -8.67 0.00	64.65 -7.26 0.00	65.44 -7.68 0.00	69.72 -8.71 0.00	67.06 -6.71 0.00	73.69 -8.74 0.00	69.30 -8.83 0.00	61.42 -7.90 0.00	57.70 -6.91 0.00	55.76 -6.75 0.00	56.25 -6.88 0.00	58.03 -6.88 0.00	56.15 -7.01 0.00	56.49 -6.91 0.00	57.33 -7.30 0.00	69.90 -9.90 0.00	84.13 -11.59 0.00	95.26 -13.98 0.00	86.25 -12.44 0.00	83.11 -10.48 0.00	71.31 -9.54 0.00	68.45 -7.43 0.00	67.18 -5.84 0.00
NIAGARA_115W_LBMP 323714	73.61 -8.73 0.00	67.87 -8.13 0.00	65.30 -6.61 0.00	66.03 -7.09 0.00	70.27 -8.16 0.00	67.50 -6.27 0.00	73.61 -8.82 0.00	69.15 -8.98 0.00	61.35 -7.97 0.00	57.63 -6.98 0.00	55.70 -6.81 0.00	56.19 -6.94 0.00	57.96 -6.94 0.00	56.09 -7.07 0.00	56.43 -6.97 0.00	57.20 -7.43 0.00	69.66 -10.14 0.00	83.85 -11.87 0.00	94.94 -14.31 0.00	85.96 -12.73 0.00	82.92 -10.67 0.00	71.15 -9.70 0.00	68.30 -7.59 0.00	67.47 -5.55 0.00
NIAGARA_230_LBMP 323716	73.94 -8.40 0.00	68.18 -7.83 0.00	65.44 -6.47 0.00	66.24 -6.88 0.00	70.51 -7.92 0.00	67.73 -6.05 0.00	74.51 -7.91 0.00	70.00 -8.13 0.00	62.11 -7.21 0.00	58.28 -6.33 0.00	56.32 -6.19 0.00	56.88 -6.25 0.00	58.61 -6.29 0.00	56.78 -6.38 0.00	57.12 -6.28 0.00	57.91 -6.72 0.00	70.63 -9.17 0.00	85.00 -10.72 0.00	96.24 -13.00 0.00	87.14 -11.55 0.00	83.95 -9.64 0.00	72.12 -8.73 0.00	69.06 -6.83 0.00	67.84 -5.18 0.00
NIAGARA__115KV_198_GIBSON 55903	73.61 -8.73 0.00	67.87 -8.13 0.00	65.29 -6.62 0.00	66.03 -7.09 0.00	70.27 -8.16 0.00	67.50 -6.27 0.00	73.61 -8.82 0.00	69.14 -8.98 0.00	61.35 -7.97 0.00	57.63 -6.98 0.00	55.51 -7.00 0.00	56.19 -6.94 0.00	57.96 -6.95 0.00	56.09 -7.07 0.00	56.43 -6.97 0.00	57.20 -7.43 0.00	69.67 -10.13 0.00	83.95 -11.77 0.00	94.93 -14.31 0.00	86.05 -12.63 0.00	82.92 -10.67 0.00	71.15 -9.70 0.00	68.30 -7.59 0.00	67.47 -5.55 0.00
NIAGARA____ 23760	73.94 -8.40 0.00	68.18 -7.83 0.00	65.44 -6.47 0.00	66.24 -6.88 0.00	70.51 -7.92 0.00	67.73 -6.05 0.00	74.51 -7.91 0.00	70.00 -8.13 0.00	62.11 -7.21 0.00	58.28 -6.33 0.00	56.32 -6.19 0.00	56.88 -6.25 0.00	58.61 -6.29 0.00	56.78 -6.38 0.00	57.12 -6.28 0.00	57.91 -6.72 0.00	70.63 -9.17 0.00	85.00 -10.72 0.00	96.24 -13.00 0.00	87.14 -11.55 0.00	83.95 -9.64 0.00	72.12 -8.73 0.00	69.06 -6.83 0.00	67.84 -5.18 0.00
NINE_MILE_1 23575	78.47 -3.87 0.00	72.43 -3.57 0.00	68.53 -3.38 0.00	69.61 -3.51 0.00	74.66 -3.76 0.00	70.45 -3.32 0.00	78.64 -3.79 0.00	74.53 -3.59 0.00	66.13 -3.19 0.00	61.71 -2.91 0.00	59.70 -2.81 0.00	60.23 -2.90 0.00	62.05 -2.85 0.00	60.32 -2.84 0.00	60.55 -2.85 0.00	61.73 -2.91 0.00	76.13 -3.67 0.00	91.98 -3.73 0.00	104.87 -4.37 0.00	94.74 -3.95 0.00	89.94 -3.65 0.00	77.53 -3.32 0.00	72.85 -3.04 0.00	70.10 -2.92 0.00
NINE_MILE_2 23744	78.47 -3.87 0.00	72.43 -3.57 0.00	68.60 -3.31 0.00	69.68 -3.44 0.00	74.66 -3.76 0.00	70.45 -3.32 0.00	78.64 -3.79 0.00	74.53 -3.59 0.00	66.13 -3.19 0.00	61.71 -2.91 0.00	59.70 -2.81 0.00	60.23 -2.90 0.00	62.05 -2.85 0.00	60.32 -2.84 0.00	60.55 -2.85 0.00	61.73 -2.91 0.00	76.13 -3.67 0.00	91.98 -3.73 0.00	104.87 -4.37 0.00	94.74 -3.95 0.00	89.94 -3.65 0.00	77.53 -3.32 0.00	72.85 -3.04 0.00	70.10 -2.92 0.00
NM_CAPITAL__DRP 24208	85.39 3.05 0.00	78.97 2.96 0.00	74.64 2.73 0.00	75.90 2.78 0.00	81.09 2.67 0.00	76.43 2.66 0.00	85.31 2.88 0.00	80.63 2.50 0.00	71.47 2.15 0.00	66.87 2.26 0.00	64.76 2.25 0.00	65.28 2.15 0.00	66.98 2.08 0.00	65.31 2.15 0.00	65.49 2.09 0.00	66.51 1.87 0.00	81.96 2.15 0.00	98.02 2.30 0.00	111.76 2.51 0.00	100.96 2.27 0.00	95.74 2.15 0.00	82.95 2.10 0.00	78.01 2.12 0.00	75.21 2.19 0.00

NM_CENTRAL___DRP 24181	79.79 -2.55 0.00	73.57 -2.43 0.00	69.68 -2.23 0.00	70.71 -2.41 0.00	75.84 -2.59 0.00	71.63 -2.14 0.00	79.95 -2.47 0.00	75.78 -2.34 0.00	67.24 -2.08 0.00	62.80 -1.81 0.00	60.76 -1.75 0.00	61.30 -1.83 0.00	63.15 -1.75 0.00	61.33 -1.83 0.00	61.69 -1.71 0.00	62.82 -1.81 0.00	77.49 -2.31 0.00	94.00 -1.72 0.00	107.17 -2.08 0.00	96.71 -1.97 0.00	91.81 -1.78 0.00	79.07 -1.78 0.00	74.22 -1.67 0.00	71.41 -1.61 0.00
NM_FRONTIER___DRP 24179	73.61 -8.73 0.00	67.87 -8.13 0.00	65.29 -6.62 0.00	66.03 -7.09 0.00	70.27 -8.16 0.00	67.50 -6.27 0.00	73.61 -8.82 0.00	69.14 -8.98 0.00	61.35 -7.97 0.00	57.63 -6.98 0.00	55.51 -7.00 0.00	56.19 -6.94 0.00	57.96 -6.95 0.00	56.09 -7.07 0.00	56.43 -6.97 0.00	57.20 -7.43 0.00	69.67 -10.13 0.00	83.95 -11.77 0.00	94.93 -14.31 0.00	86.05 -12.63 0.00	82.92 -10.67 0.00	71.15 -9.70 0.00	68.30 -7.59 0.00	67.47 -5.55 0.00
NM_ST_REGIS___HYD 24053	83.74 1.40 0.00	77.53 1.52 0.00	73.28 1.37 0.00	74.73 1.61 0.00	80.62 2.20 0.00	75.03 1.25 0.00	83.25 0.82 0.00	79.30 1.17 0.00	70.57 1.25 0.00	65.26 0.65 0.00	63.39 0.88 0.00	64.33 1.20 0.00	66.33 1.43 0.00	64.49 1.33 0.00	64.67 1.27 0.00	66.18 1.55 0.00	81.96 2.15 0.00	96.77 1.05 0.00	110.12 0.87 0.00	99.48 0.79 0.00	94.34 0.75 0.00	82.79 1.94 0.00	78.01 2.12 0.00	75.65 2.63 0.00
NORTHPORT___1 23551	96.88 5.60 -8.93	100.23 5.09 -19.13	87.54 4.74 -10.89	84.49 4.82 -6.55	84.02 5.09 -0.50	94.90 4.73 -16.40	101.87 5.44 -14.01	102.71 5.16 -19.43	84.31 4.57 -10.41	81.41 4.45 -12.34	66.82 4.31 0.00	66.98 3.85 0.00	68.80 3.89 0.00	66.95 3.79 0.00	67.33 3.93 0.00	68.96 4.33 0.00	95.94 5.35 -10.80	137.97 6.03 -36.22	136.08 7.00 -19.84	125.89 6.41 -20.79	116.73 6.08 -17.06	101.57 5.01 -15.70	94.77 4.78 -14.10	92.15 4.09 -15.04
NORTHPORT___2 23552	96.88 5.60 -8.93	100.23 5.09 -19.13	87.54 4.74 -10.89	84.49 4.82 -6.55	84.02 5.09 -0.50	94.90 4.73 -16.40	101.87 5.44 -14.01	102.71 5.16 -19.43	84.31 4.57 -10.41	81.41 4.45 -12.34	66.82 4.31 0.00	66.98 3.85 0.00	68.80 3.89 0.00	66.95 3.79 0.00	67.33 3.93 0.00	68.96 4.33 0.00	95.94 5.35 -10.80	137.97 6.03 -36.22	136.08 7.00 -19.84	125.89 6.41 -20.79	116.73 6.08 -17.06	101.57 5.01 -15.70	94.77 4.78 -14.10	92.15 4.09 -15.04
NORTHPORT___3 23553	96.21 4.94 -8.93	99.55 4.41 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.15 3.98 -16.40	101.13 4.70 -14.01	101.85 4.29 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.41 3.28 0.00	68.22 3.31 0.00	66.32 3.16 0.00	66.69 3.29 0.00	68.25 3.62 0.00	95.06 4.47 -10.80	137.39 5.45 -36.22	135.64 6.55 -19.84	125.30 5.82 -20.79	116.07 5.43 -17.06	100.92 4.36 -15.70	94.16 4.17 -14.10	91.50 3.43 -15.04
NORTHPORT___4 23650	96.21 4.94 -8.93	99.55 4.41 -19.13	86.82 4.02 -10.89	83.76 4.09 -6.55	83.16 4.23 -0.50	94.15 3.98 -16.40	101.13 4.70 -14.01	101.85 4.29 -19.43	83.61 3.88 -10.41	80.83 3.88 -12.34	66.20 3.69 0.00	66.41 3.28 0.00	68.22 3.31 0.00	66.32 3.16 0.00	66.69 3.29 0.00	68.25 3.62 0.00	95.06 4.47 -10.80	137.39 5.45 -36.22	135.64 6.55 -19.84	125.30 5.82 -20.79	116.07 5.43 -17.06	100.92 4.36 -15.70	94.16 4.17 -14.10	91.50 3.43 -15.04
NORTHPORT___IC 23718	96.87 5.60 -8.93	100.23 5.09 -19.13	87.54 4.75 -10.89	84.50 4.83 -6.55	84.02 5.10 -0.50	94.89 4.72 -16.40	101.87 5.44 -14.01	102.71 5.16 -19.43	84.24 4.51 -10.41	81.41 4.46 -12.34	66.89 4.38 0.00	66.98 3.85 0.00	68.80 3.89 0.00	66.95 3.79 0.00	67.33 3.93 0.00	68.96 4.33 0.00	95.94 5.35 -10.80	137.77 5.84 -36.22	135.86 6.77 -19.84	125.70 6.22 -20.79	116.73 6.08 -17.06	101.57 5.01 -15.70	94.77 4.78 -14.10	92.15 4.09 -15.04
NORTH___COUNTRY_ESR 323785	81.77 -0.57 0.00	75.78 -0.23 0.00	71.69 -0.22 0.00	73.27 0.15 0.00	78.90 0.47 0.00	73.85 0.07 0.00	82.10 -0.33 0.00	78.21 0.08 0.00	69.60 0.28 0.00	64.42 -0.19 0.00	62.20 -0.31 0.00	63.00 -0.13 0.00	64.91 0.00 0.00	63.16 0.00 0.00	63.40 0.00 0.00	64.89 0.26 0.00	80.60 0.80 0.00	96.48 0.76 0.00	110.22 0.98 0.00	99.67 0.99 0.00	94.62 1.03 0.00	82.38 1.53 0.00	77.18 1.29 0.00	74.85 1.83 0.00
NPX_GEN_1385_PROXY 323591	97.12 5.85 -8.93	100.61 5.48 -19.13	88.41 5.61 -10.89	85.30 5.63 -6.55	85.20 6.28 -0.50	96.00 5.83 -16.40	102.69 6.26 -14.01	104.04 6.48 -19.43	85.90 6.17 -10.41	82.70 5.75 -12.34	76.63 5.75 -8.37	75.46 5.30 -7.03	74.29 5.38 -4.00	73.70 5.18 -5.36	76.78 5.39 -7.99	86.13 5.75 -15.75	97.30 6.70 -10.80	138.73 6.80 -36.22	136.08 7.00 -19.84	125.30 5.82 -20.79	116.45 5.80 -17.06	101.65 5.10 -15.70	94.77 4.78 -14.10	92.37 4.31 -15.04
NPX_GEN_CSC 323557	97.70 6.43 -8.93	100.99 5.85 -19.13	88.12 5.32 -10.89	85.08 5.41 -6.55	84.57 5.65 -0.50	95.56 5.38 -16.40	102.78 6.35 -14.01	103.34 5.78 -19.43	84.58 4.85 -10.41	81.61 4.65 -12.34	66.89 4.37 0.00	66.92 3.79 0.00	68.74 3.83 0.00	66.76 3.60 0.00	67.27 3.87 0.00	69.03 4.40 0.00	96.34 5.75 -10.80	139.31 7.37 -36.22	136.61 7.53 -19.84	126.28 6.80 -20.79	117.47 6.83 -17.06	102.62 6.07 -15.70	95.83 5.84 -14.10	93.17 5.11 -15.04
NSINS_S___GLNS_FALLS 23858	89.18 6.83 0.00	82.24 6.23 0.00	77.81 5.90 0.00	79.12 6.00 0.00	84.62 6.20 0.00	79.82 6.05 0.00	89.18 6.76 0.00	84.30 6.17 0.00	74.45 5.13 0.00	69.52 4.91 0.00	67.14 4.63 0.00	67.80 4.67 0.00	69.32 4.41 0.00	67.58 4.42 0.00	67.71 4.31 0.00	69.29 4.65 0.00	86.03 6.22 0.00	103.18 7.47 0.00	117.98 8.74 0.00	106.38 7.70 0.00	100.80 7.21 0.00	86.99 6.14 0.00	81.65 5.77 0.00	78.20 5.18 0.00
NUCOR_STEEL___DRP 24197	80.86 -1.48 0.00	74.56 -1.44 0.00	70.54 -1.37 0.00	71.58 -1.54 0.00	76.78 -1.65 0.00	72.59 -1.18 0.00	81.02 -1.40 0.00	76.88 -1.25 0.00	68.21 -1.11 0.00	63.64 -0.97 0.00	61.58 -0.94 0.00	62.12 -1.01 0.00	64.00 -0.91 0.00	62.15 -1.01 0.00	62.51 -0.89 0.00	63.73 -0.90 0.00	78.60 -1.20 0.00	95.24 -0.48 0.00	108.59 -0.66 0.00	98.00 -0.69 0.00	93.03 -0.56 0.00	80.04 -0.81 0.00	75.13 -0.76 0.00	72.29 -0.73 0.00
NUMBER_THREE_WT_PWR 323818	85.22 2.88 0.00	78.66 2.66 0.00	74.21 2.30 0.00	75.16 2.04 0.00	81.17 2.74 0.00	76.06 2.29 0.00	85.06 2.64 0.00	80.94 2.81 0.00	71.61 2.28 0.00	66.49 1.87 0.00	64.51 2.00 0.00	64.96 1.83 0.00	66.98 2.08 0.00	65.12 1.96 0.00	65.43 2.03 0.00	66.89 2.26 0.00	83.00 3.20 0.00	99.74 4.02 0.00	113.62 4.37 0.00	102.64 3.95 0.00	97.24 3.65 0.00	83.92 3.07 0.00	78.84 2.96 0.00	75.79 2.77 0.00
NYISO_LBMP_REFERENCE 24008	82.34 0.00 0.00	76.01 0.00 0.00	71.91 0.00 0.00	73.12 0.00 0.00	78.43 0.00 0.00	73.77 0.00 0.00	82.43 0.00 0.00	78.13 0.00 0.00	69.32 0.00 0.00	64.61 0.00 0.00	62.51 0.00 0.00	63.13 0.00 0.00	64.91 0.00 0.00	63.16 0.00 0.00	63.40 0.00 0.00	64.63 0.00 0.00	79.80 0.00 0.00	95.72 0.00 0.00	109.24 0.00 0.00	98.69 0.00 0.00	93.59 0.00 0.00	80.85 0.00 0.00	75.89 0.00 0.00	73.02 0.00 0.00

NYPA_BRENTWD____GT 24164	97.70 6.43 -8.93	100.91 5.77 -19.13	88.12 5.32 -10.89	85.08 5.41 -6.55	84.57 5.65 -0.50	95.56 5.38 -16.40	102.62 6.19 -14.01	103.34 5.78 -19.43	84.79 5.06 -10.41	81.86 4.91 -12.34	67.26 4.75 0.00	67.30 4.17 0.00	69.19 4.28 0.00	67.26 4.10 0.00	67.71 4.31 0.00	69.35 4.72 0.00	96.58 5.99 -10.80	139.12 7.18 -36.22	137.49 8.41 -19.84	127.08 7.60 -20.79	117.75 7.11 -17.06	102.45 5.90 -15.70	95.60 5.62 -14.10	92.96 4.89 -15.04
NYPA_GOWANUS____GT5 24156	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.23 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NYPA_GOWANUS____GT6 24157	116.48 4.44 -29.69	107.03 3.87 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.60 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	95.97 3.37 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.74 3.35 -25.24	90.69 3.29 -23.99	83.08 3.42 -15.02	152.30 4.07 -68.43	417.17 4.88 -316.57	312.92 5.90 -197.78	420.49 5.23 -316.57	295.23 4.86 -196.78	184.84 3.88 -100.11	85.29 3.79 -5.61	75.94 2.92 0.00
NYPA_HARLEM_RVR__GT1 24160	86.29 3.95 0.00	79.35 3.34 0.00	74.86 2.95 0.00	76.12 3.00 0.00	81.33 2.90 0.00	75.98 2.21 0.00	85.13 2.72 0.01	80.62 2.50 0.01	71.95 2.63 0.01	67.38 2.78 0.01	65.13 2.63 0.01	65.58 2.46 0.01	67.43 2.53 0.01	65.74 2.59 0.01	65.93 2.54 0.01	67.21 2.59 0.01	82.75 2.95 0.01	99.25 3.54 0.01	113.61 4.37 0.01	102.63 3.95 0.01	97.14 3.56 0.01	83.51 2.66 0.01	78.54 2.65 0.00	75.21 2.19 0.00
NYPA_HARLEM_RVR__GT2 24161	86.29 3.95 0.00	79.35 3.34 0.00	74.86 2.95 0.00	76.12 3.00 0.00	81.33 2.90 0.00	75.98 2.21 0.00	85.13 2.72 0.01	80.62 2.50 0.01	71.95 2.63 0.01	67.38 2.78 0.01	65.13 2.63 0.01	65.58 2.46 0.01	67.43 2.53 0.01	65.74 2.59 0.01	65.93 2.54 0.01	67.21 2.59 0.01	82.75 2.95 0.01	99.25 3.54 0.01	113.61 4.37 0.01	102.63 3.95 0.01	97.14 3.56 0.01	83.51 2.66 0.01	78.54 2.65 0.00	75.21 2.19 0.00
NYPA_KENT____GT 24152	103.54 4.20 -17.00	95.20 3.65 -15.55	90.31 3.31 -15.09	91.62 3.37 -15.13	95.83 3.29 -14.11	84.16 2.95 -7.43	95.08 3.54 -9.11	88.42 3.28 -7.01	87.11 3.19 -14.60	84.75 3.36 -16.78	82.86 3.12 -17.22	83.38 3.03 -17.22	69.33 3.12 -1.31	80.77 3.16 -14.45	80.24 3.11 -13.73	76.40 3.17 -8.60	122.73 3.75 -39.18	172.22 4.50 -72.00	152.47 5.46 -37.77	175.52 4.83 -72.00	136.05 4.49 -37.97	141.72 3.55 -57.31	82.59 3.49 -3.21	75.79 2.77 0.00
NYPA_POUCH1____GT 24155	116.15 4.12 -29.69	106.66 3.50 -27.15	101.36 3.09 -26.36	102.77 3.21 -26.43	106.20 3.14 -24.64	89.49 2.73 -12.98	101.72 3.38 -15.91	93.50 3.13 -12.25	97.94 3.12 -25.50	97.15 3.23 -29.30	95.65 3.06 -30.08	96.11 2.91 -30.08	70.19 2.99 -2.29	91.43 3.03 -25.24	90.43 3.04 -23.99	82.75 3.10 -15.02	151.90 3.67 -68.43	421.39 4.50 -321.17	315.66 5.46 -200.96	424.69 4.83 -321.17	298.01 4.49 -199.92	184.43 3.47 -100.11	84.92 3.42 -5.61	75.64 2.62 0.00
NYPA_VERNON____GT2 24162	90.68 4.03 -4.31	83.52 3.57 -3.94	78.89 3.16 -3.82	80.25 3.29 -3.83	85.22 3.22 -3.57	78.53 2.87 -1.88	88.11 3.38 -2.31	83.03 3.13 -1.78	76.07 3.05 -3.70	72.09 3.23 -4.25	69.88 3.00 -4.36	70.40 2.91 -4.36	68.16 2.92 -0.33	69.73 2.91 -3.66	69.80 2.92 -3.48	69.79 2.97 -2.18	93.23 3.51 -9.92	118.16 4.21 -18.24	123.94 5.14 -9.57	121.47 4.54 -18.24	107.42 4.22 -9.62	98.68 3.32 -14.52	79.96 3.26 -0.81	75.57 2.55 0.00
NYPA_VERNON____GT3 24163	90.68 4.03 -4.31	83.52 3.57 -3.94	78.89 3.16 -3.82	80.25 3.29 -3.83	85.22 3.22 -3.57	78.53 2.87 -1.88	88.11 3.38 -2.31	83.03 3.13 -1.78	76.07 3.05 -3.70	72.09 3.23 -4.25	69.88 3.00 -4.36	70.40 2.91 -4.36	68.16 2.92 -0.33	69.73 2.91 -3.66	69.80 2.92 -3.48	69.79 2.97 -2.18	93.23 3.51 -9.92	118.16 4.21 -18.24	123.94 5.14 -9.57	121.47 4.54 -18.24	107.42 4.22 -9.62	98.68 3.32 -14.52	79.96 3.26 -0.81	75.57 2.55 0.00
NYPA____ASTORIA_CC1 323568	86.29 3.95 0.00	79.50 3.50 0.00	75.00 3.09 0.00	76.33 3.21 0.00	81.57 3.14 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.10 2.97 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.45 2.94 0.00	65.91 2.77 0.00	67.70 2.79 0.00	66.01 2.84 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.15 3.35 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.02 4.34 0.00	97.61 4.02 0.00	84.00 3.15 0.00	79.00 3.11 0.00	75.43 2.41 0.00
NYPA____ASTORIA_CC2 323569	86.29 3.95 0.00	79.50 3.50 0.00	75.00 3.09 0.00	76.33 3.21 0.00	81.57 3.14 0.00	76.50 2.73 0.00	85.64 3.21 0.00	81.10 2.97 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.45 2.94 0.00	65.91 2.77 0.00	67.70 2.79 0.00	66.01 2.84 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.15 3.35 0.00	99.74 4.02 0.00	114.16 4.92 0.00	103.02 4.34 0.00	97.61 4.02 0.00	84.00 3.15 0.00	79.00 3.11 0.00	75.43 2.41 0.00
NYPA____HOLTSVILL 23794	97.28 6.01 -8.93	100.54 5.40 -19.13	87.75 4.96 -10.89	84.71 5.04 -6.55	84.18 5.26 -0.50	95.19 5.02 -16.40	102.20 5.77 -14.01	102.94 5.39 -19.43	84.31 4.57 -10.41	81.41 4.45 -12.34	66.77 4.25 0.00	66.79 3.66 0.00	68.60 3.70 0.00	66.76 3.60 0.00	67.14 3.74 0.00	68.83 4.20 0.00	96.02 5.43 -10.80	138.63 6.70 -36.22	136.61 7.53 -19.84	126.28 6.80 -20.79	117.10 6.45 -17.06	102.05 5.50 -15.70	95.22 5.23 -14.10	92.59 4.53 -15.04
NYPA____HELLGATE_GT1 24158	86.29 3.95 0.00	79.35 3.34 0.00	74.86 2.95 0.00	76.12 3.00 0.00	81.33 2.90 0.00	75.98 2.21 0.00	85.13 2.72 0.01	80.62 2.50 0.01	71.95 2.63 0.01	67.38 2.78 0.01	65.13 2.63 0.01	65.58 2.46 0.01	67.43 2.53 0.01	65.74 2.59 0.01	65.93 2.54 0.01	67.21 2.59 0.01	82.75 2.95 0.01	99.25 3.54 0.01	113.61 4.37 0.01	102.63 3.95 0.01	97.14 3.56 0.01	83.51 2.66 0.01	78.54 2.65 0.00	75.21 2.19 0.00
NYPA____HELLGATE_GT2 24159	86.29 3.95 0.00	79.35 3.34 0.00	74.86 2.95 0.00	76.12 3.00 0.00	81.33 2.90 0.00	75.98 2.21 0.00	85.13 2.72 0.01	80.62 2.50 0.01	71.95 2.63 0.01	67.38 2.78 0.01	65.13 2.63 0.01	65.58 2.46 0.01	67.43 2.53 0.01	65.74 2.59 0.01	65.93 2.54 0.01	67.21 2.59 0.01	82.75 2.95 0.01	99.25 3.54 0.01	113.61 4.37 0.01	102.63 3.95 0.01	97.14 3.56 0.01	83.51 2.66 0.01	78.54 2.65 0.00	75.21 2.19 0.00
NYS_BARGE____HYD 23848	74.28 -8.07 0.00	68.41 -7.60 0.00	65.65 -6.26 0.00	66.47 -6.65 0.00	70.74 -7.68 0.00	68.16 -5.61 0.00	74.93 -7.50 0.00	70.55 -7.58 0.00	62.53 -6.79 0.00	58.67 -5.94 0.00	56.70 -5.81 0.00	57.19 -5.94 0.00	59.00 -5.91 0.00	57.16 -6.00 0.00	57.51 -5.89 0.00	58.36 -6.27 0.00	71.26 -8.54 0.00	85.86 -9.86 0.00	97.34 -11.90 0.00	88.03 -10.66 0.00	84.79 -8.80 0.00	72.69 -8.16 0.00	69.67 -6.22 0.00	68.27 -4.75 0.00

OAK ORCHARD___HYD 24046	77.16 -5.18 0.00	71.22 -4.79 0.00	67.74 -4.17 0.00	68.74 -4.39 0.00	73.33 -5.10 0.00	70.09 -3.69 0.00	77.73 -4.69 0.00	73.52 -4.61 0.00	65.16 -4.16 0.00	61.00 -3.62 0.00	58.95 -3.56 0.00	59.47 -3.66 0.00	61.40 -3.51 0.00	59.50 -3.66 0.00	59.79 -3.61 0.00	60.82 -3.81 0.00	74.69 -5.11 0.00	90.45 -5.26 0.00	102.90 -6.34 0.00	92.77 -5.92 0.00	88.72 -4.87 0.00	76.24 -4.61 0.00	72.25 -3.64 0.00	70.10 -2.92 0.00
OAKDALE___35_KV_LOAD 356122	81.35 -0.99 0.00	74.94 -1.06 0.00	71.12 -0.79 0.00	72.17 -0.95 0.00	77.33 -1.10 0.00	73.11 -0.66 0.00	81.52 -0.91 0.00	77.27 -0.86 0.00	68.49 -0.83 0.00	63.97 -0.65 0.00	61.83 -0.69 0.00	62.44 -0.69 0.00	64.32 -0.58 0.00	62.47 -0.69 0.00	62.83 -0.57 0.00	63.99 -0.65 0.00	78.92 -0.88 0.00	95.24 -0.48 0.00	108.59 -0.66 0.00	98.00 -0.69 0.00	93.12 -0.47 0.00	80.12 -0.73 0.00	75.43 -0.46 0.00	72.65 -0.37 0.00
OCC_CHEM___DRP 24175	73.70 -8.65 0.00	67.95 -8.06 0.00	65.29 -6.62 0.00	66.10 -7.02 0.00	70.35 -8.08 0.00	67.58 -6.20 0.00	73.69 -8.74 0.00	69.30 -8.83 0.00	61.42 -7.90 0.00	57.76 -6.85 0.00	55.64 -6.88 0.00	56.31 -6.82 0.00	58.09 -6.82 0.00	56.21 -6.95 0.00	56.55 -6.85 0.00	57.33 -7.30 0.00	69.83 -9.98 0.00	84.04 -11.68 0.00	95.15 -14.09 0.00	86.25 -12.43 0.00	83.11 -10.48 0.00	71.31 -9.54 0.00	68.45 -7.44 0.00	67.54 -5.48 0.00
OH_GEN_PROXY 24063	74.03 -8.31 0.00	68.33 -7.67 0.00	65.51 -6.40 0.00	66.32 -6.80 0.00	70.66 -7.77 0.00	67.80 -5.97 0.00	74.59 -7.83 0.00	70.24 -7.89 0.00	62.25 -7.07 0.00	58.41 -6.20 0.00	56.45 -6.06 0.00	57.01 -6.12 0.00	58.74 -6.17 0.00	56.91 -6.25 0.00	57.25 -6.15 0.00	58.04 -6.59 0.00	70.86 -8.94 0.00	85.29 -10.43 0.00	96.57 -12.67 0.00	87.43 -11.25 0.00	84.14 -9.45 0.00	72.28 -8.57 0.00	69.21 -6.68 0.00	67.91 -5.11 0.00
OLIN_CORP_DRP 24177	73.28 -9.06 0.00	67.49 -8.51 0.00	64.79 -7.12 0.00	65.59 -7.53 0.00	69.88 -8.55 0.00	67.21 -6.57 0.00	73.85 -8.57 0.00	69.45 -8.67 0.00	61.56 -7.76 0.00	57.83 -6.78 0.00	55.70 -6.81 0.00	56.38 -6.75 0.00	58.16 -6.75 0.00	56.28 -6.88 0.00	56.68 -6.72 0.00	57.46 -7.17 0.00	70.07 -9.74 0.00	84.42 -11.29 0.00	95.48 -13.76 0.00	86.55 -12.14 0.00	83.29 -10.29 0.00	71.47 -9.38 0.00	68.60 -7.29 0.00	67.32 -5.70 0.00
OLIN_CORP_DSASP 323712	73.70 -8.64 0.00	67.95 -8.06 0.00	65.37 -6.54 0.00	66.10 -7.02 0.00	70.35 -8.08 0.00	67.65 -6.12 0.00	73.69 -8.74 0.00	69.30 -8.83 0.00	61.42 -7.90 0.00	57.76 -6.85 0.00	55.82 -6.69 0.00	56.31 -6.82 0.00	58.09 -6.81 0.00	56.21 -6.95 0.00	56.55 -6.85 0.00	57.33 -7.30 0.00	69.82 -9.98 0.00	84.04 -11.68 0.00	95.15 -14.09 0.00	86.15 -12.53 0.00	83.11 -10.48 0.00	71.31 -9.54 0.00	68.45 -7.43 0.00	67.54 -5.48 0.00
ONEIDA_HERK_LFGE 323681	84.90 2.56 0.00	78.36 2.36 0.00	74.07 2.16 0.00	75.02 1.90 0.00	80.86 2.43 0.00	75.91 2.14 0.00	84.98 2.56 0.00	80.70 2.57 0.00	71.47 2.15 0.00	66.49 1.87 0.00	64.45 1.94 0.00	64.90 1.77 0.00	66.85 1.95 0.00	64.99 1.83 0.00	65.24 1.84 0.00	66.57 1.94 0.00	82.52 2.71 0.00	99.16 3.44 0.00	113.06 3.82 0.00	102.14 3.45 0.00	96.77 3.18 0.00	83.44 2.59 0.00	78.32 2.43 0.00	75.29 2.27 0.00
ONEIDA___115KV_TB4 55905	84.32 1.98 0.00	77.83 1.82 0.00	73.64 1.73 0.00	74.66 1.54 0.00	80.31 1.88 0.00	75.62 1.84 0.00	84.57 2.14 0.00	80.31 2.19 0.00	71.12 1.80 0.00	66.23 1.62 0.00	64.14 1.63 0.00	64.58 1.45 0.00	66.53 1.62 0.00	64.68 1.52 0.00	64.99 1.59 0.00	66.25 1.62 0.00	81.96 2.15 0.00	98.78 3.06 0.00	112.63 3.39 0.00	101.65 2.96 0.00	96.40 2.81 0.00	82.95 2.10 0.00	77.86 1.97 0.00	74.84 1.83 0.00
ONONDAGA_REF_OCCRA 23987	80.37 -1.98 0.00	74.11 -1.90 0.00	70.18 -1.73 0.00	71.22 -1.90 0.00	76.31 -2.12 0.00	72.08 -1.70 0.00	80.53 -1.90 0.00	76.33 -1.80 0.00	67.73 -1.59 0.00	63.26 -1.36 0.00	61.20 -1.31 0.00	61.74 -1.39 0.00	63.61 -1.30 0.00	61.83 -1.33 0.00	62.13 -1.27 0.00	63.34 -1.29 0.00	78.12 -1.68 0.00	94.76 -0.96 0.00	108.04 -1.20 0.00	97.50 -1.18 0.00	92.47 -1.12 0.00	79.64 -1.21 0.00	74.75 -1.14 0.00	71.85 -1.17 0.00
ONONDAGA___COGEN 23986	80.70 -1.65 0.00	74.41 -1.60 0.00	70.40 -1.51 0.00	71.44 -1.68 0.00	76.62 -1.80 0.00	72.30 -1.48 0.00	80.78 -1.65 0.00	76.56 -1.56 0.00	67.94 -1.39 0.00	63.45 -1.16 0.00	61.45 -1.06 0.00	61.99 -1.14 0.00	63.87 -1.04 0.00	62.02 -1.14 0.00	62.39 -1.01 0.00	63.53 -1.10 0.00	78.44 -1.36 0.00	95.05 -0.67 0.00	108.37 -0.87 0.00	97.80 -0.89 0.00	92.75 -0.84 0.00	79.88 -0.97 0.00	74.98 -0.91 0.00	72.07 -0.95 0.00
ONTARIO___LFGE 23819	80.20 -2.14 0.00	73.96 -2.05 0.00	70.18 -1.73 0.00	71.07 -2.05 0.00	76.15 -2.28 0.00	72.45 -1.33 0.00	80.69 -1.73 0.00	76.48 -1.64 0.00	67.80 -1.53 0.00	63.45 -1.16 0.00	61.39 -1.12 0.00	61.87 -1.26 0.00	63.87 -1.04 0.00	61.96 -1.20 0.00	62.32 -1.08 0.00	63.53 -1.10 0.00	78.28 -1.52 0.00	94.38 -1.34 0.00	107.06 -2.18 0.00	96.81 -1.88 0.00	92.37 -1.22 0.00	79.55 -1.30 0.00	74.90 -0.99 0.00	72.22 -0.80 0.00
ORANGEVILLE_WT_PWR 323706	76.50 -5.84 0.00	70.46 -5.55 0.00	67.52 -4.39 0.00	68.37 -4.75 0.00	73.02 -5.41 0.00	70.09 -3.69 0.00	77.48 -4.94 0.00	73.13 -5.00 0.00	64.68 -4.64 0.00	60.54 -4.07 0.00	58.51 -4.00 0.00	59.16 -3.98 0.00	61.01 -3.89 0.00	59.18 -3.98 0.00	59.60 -3.80 0.00	60.62 -4.01 0.00	74.45 -5.35 0.00	89.88 -5.84 0.00	102.14 -7.10 0.00	92.37 -6.32 0.00	88.53 -5.06 0.00	75.92 -4.93 0.00	72.25 -3.64 0.00	70.39 -2.63 0.00
ORANGEVILLE___ESR 323794	76.50 -5.84 0.00	70.46 -5.55 0.00	67.52 -4.39 0.00	68.37 -4.75 0.00	73.02 -5.41 0.00	70.09 -3.69 0.00	77.48 -4.94 0.00	73.13 -5.00 0.00	64.68 -4.64 0.00	60.54 -4.07 0.00	58.51 -4.00 0.00	59.16 -3.98 0.00	61.01 -3.89 0.00	59.18 -3.98 0.00	59.60 -3.80 0.00	60.62 -4.01 0.00	74.45 -5.35 0.00	89.88 -5.84 0.00	102.14 -7.10 0.00	92.37 -6.32 0.00	88.53 -5.06 0.00	75.92 -4.93 0.00	72.25 -3.64 0.00	70.39 -2.63 0.00
OSWEGATCHIE___HYD 24044	84.24 1.90 0.00	77.91 1.90 0.00	73.49 1.58 0.00	74.66 1.54 0.00	80.62 2.19 0.00	75.17 1.40 0.00	83.74 1.31 0.00	79.77 1.64 0.00	70.71 1.39 0.00	65.52 0.90 0.00	63.70 1.18 0.00	64.39 1.26 0.00	66.40 1.49 0.00	64.55 1.39 0.00	64.79 1.39 0.00	66.25 1.62 0.00	82.12 2.32 0.00	97.82 2.10 0.00	111.31 2.07 0.00	100.46 1.78 0.00	95.28 1.69 0.00	82.95 2.10 0.00	78.09 2.20 0.00	75.43 2.41 0.00
OSWEGO___5 23606	79.13 -3.21 0.00	72.96 -3.04 0.00	69.10 -2.81 0.00	70.19 -2.93 0.00	75.21 -3.22 0.00	70.97 -2.80 0.00	79.21 -3.22 0.00	75.08 -3.05 0.00	66.62 -2.70 0.00	62.16 -2.46 0.00	60.20 -2.31 0.00	60.73 -2.40 0.00	62.51 -2.40 0.00	60.76 -2.40 0.00	61.06 -2.34 0.00	62.18 -2.46 0.00	76.77 -3.03 0.00	92.65 -3.07 0.00	105.74 -3.50 0.00	95.43 -3.25 0.00	90.59 -3.00 0.00	78.10 -2.75 0.00	73.46 -2.43 0.00	70.68 -2.34 0.00

OSWEGO___6 23613	79.13 -3.21 0.00	72.96 -3.04 0.00	69.10 -2.81 0.00	70.19 -2.93 0.00	75.21 -3.22 0.00	70.97 -2.80 0.00	79.21 -3.22 0.00	75.08 -3.05 0.00	66.62 -2.70 0.00	62.16 -2.46 0.00	60.20 -2.31 0.00	60.73 -2.40 0.00	62.51 -2.40 0.00	60.76 -2.40 0.00	61.06 -2.34 0.00	62.18 -2.46 0.00	76.77 -3.03 0.00	92.65 -3.07 0.00	105.74 -3.50 0.00	95.43 -3.25 0.00	90.59 -3.00 0.00	78.10 -2.75 0.00	73.46 -2.43 0.00	70.68 -2.34 0.00
OUTOKUMPU-AB___DRP 24206	75.10 -7.25 0.00	69.17 -6.84 0.00	66.52 -5.39 0.00	67.27 -5.85 0.00	71.60 -6.82 0.00	69.05 -4.72 0.00	75.58 -6.84 0.00	71.17 -6.95 0.00	63.08 -6.24 0.00	59.31 -5.30 0.00	57.20 -5.31 0.00	57.89 -5.24 0.00	59.71 -5.19 0.00	57.79 -5.37 0.00	58.20 -5.20 0.00	59.07 -5.56 0.00	72.06 -7.74 0.00	86.82 -8.90 0.00	98.43 -10.82 0.00	89.11 -9.57 0.00	85.73 -7.86 0.00	73.49 -7.36 0.00	70.42 -5.46 0.00	69.15 -3.87 0.00
OXBOW___BTM 323836	74.11 -8.23 0.00	68.25 -7.75 0.00	65.65 -6.26 0.00	66.39 -6.73 0.00	70.66 -7.77 0.00	68.02 -5.75 0.00	74.35 -8.07 0.00	69.92 -8.20 0.00	61.97 -7.35 0.00	58.41 -6.20 0.00	56.45 -6.06 0.00	56.95 -6.18 0.00	58.74 -6.17 0.00	56.85 -6.32 0.00	57.25 -6.15 0.00	58.11 -6.53 0.00	70.78 -9.02 0.00	85.29 -10.43 0.00	96.57 -12.67 0.00	87.43 -11.25 0.00	84.23 -9.36 0.00	72.20 -8.65 0.00	69.28 -6.60 0.00	68.20 -4.82 0.00
OXBOW____ 24026	74.11 -8.23 0.00	68.25 -7.75 0.00	65.58 -6.33 0.00	66.39 -6.73 0.00	70.66 -7.76 0.00	68.02 -5.75 0.00	74.35 -8.08 0.00	69.92 -8.20 0.00	61.97 -7.35 0.00	58.41 -6.20 0.00	56.26 -6.25 0.00	56.94 -6.19 0.00	58.74 -6.17 0.00	56.84 -6.32 0.00	57.25 -6.15 0.00	58.10 -6.53 0.00	70.78 -9.02 0.00	85.29 -10.43 0.00	96.57 -12.67 0.00	87.53 -11.15 0.00	84.23 -9.36 0.00	72.20 -8.65 0.00	69.29 -6.60 0.00	68.20 -4.82 0.00
OXY_CHEM_DSASP 323612	73.70 -8.65 0.00	67.95 -8.06 0.00	65.29 -6.62 0.00	66.10 -7.02 0.00	70.35 -8.08 0.00	67.58 -6.20 0.00	73.69 -8.74 0.00	69.30 -8.83 0.00	61.42 -7.90 0.00	57.76 -6.85 0.00	55.64 -6.88 0.00	56.31 -6.82 0.00	58.09 -6.82 0.00	56.21 -6.95 0.00	56.55 -6.85 0.00	57.33 -7.30 0.00	69.83 -9.98 0.00	84.04 -11.68 0.00	95.15 -14.09 0.00	86.25 -12.43 0.00	83.11 -10.48 0.00	71.31 -9.54 0.00	68.45 -7.44 0.00	67.54 -5.48 0.00
OZONE_PARK_ESR 323760	86.71 4.36 0.00	79.81 3.80 0.00	75.36 3.45 0.00	76.63 3.51 0.00	82.03 3.61 0.00	77.02 3.25 0.00	86.38 3.96 0.00	81.72 3.59 0.00	72.72 3.40 0.00	68.10 3.49 0.00	65.89 3.38 0.00	66.29 3.16 0.00	68.02 3.12 0.00	66.32 3.16 0.00	66.51 3.11 0.00	67.86 3.23 0.00	83.71 3.91 0.00	100.41 4.69 0.00	114.92 5.68 0.00	103.82 5.13 0.00	98.36 4.77 0.00	84.57 3.72 0.00	79.45 3.57 0.00	75.79 2.77 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	73.70 -8.65 0.00	67.95 -8.06 0.00	65.29 -6.62 0.00	66.10 -7.02 0.00	70.35 -8.08 0.00	67.58 -6.20 0.00	73.69 -8.74 0.00	69.30 -8.83 0.00	61.42 -7.90 0.00	57.76 -6.85 0.00	55.64 -6.88 0.00	56.31 -6.82 0.00	58.09 -6.82 0.00	56.21 -6.95 0.00	56.55 -6.85 0.00	57.33 -7.30 0.00	69.83 -9.98 0.00	84.04 -11.68 0.00	95.15 -14.09 0.00	86.25 -12.43 0.00	83.11 -10.48 0.00	71.31 -9.54 0.00	68.45 -7.44 0.00	67.54 -5.48 0.00
PACKARD__115KV_DUPONT_184 80571	73.70 -8.65 0.00	67.95 -8.06 0.00	65.29 -6.62 0.00	66.10 -7.02 0.00	70.35 -8.08 0.00	67.58 -6.20 0.00	73.69 -8.74 0.00	69.30 -8.83 0.00	61.42 -7.90 0.00	57.76 -6.85 0.00	55.64 -6.88 0.00	56.31 -6.82 0.00	58.09 -6.82 0.00	56.21 -6.95 0.00	56.55 -6.85 0.00	57.33 -7.30 0.00	69.83 -9.98 0.00	84.04 -11.68 0.00	95.15 -14.09 0.00	86.25 -12.43 0.00	83.11 -10.48 0.00	71.31 -9.54 0.00	68.45 -7.44 0.00	67.54 -5.48 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	86.46 4.12 0.00	79.50 3.50 0.00	75.00 3.09 0.00	76.34 3.22 0.00	81.49 3.06 0.00	76.21 2.43 0.00	85.31 2.88 0.00	80.78 2.66 0.00	71.96 2.63 0.00	67.46 2.84 0.00	65.26 2.75 0.00	65.66 2.53 0.00	67.44 2.53 0.00	65.69 2.53 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.83 3.03 0.00	99.26 3.54 0.00	113.72 4.48 0.00	102.63 3.95 0.00	97.24 3.65 0.00	83.68 2.83 0.00	78.70 2.81 0.00	75.36 2.34 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	87.12 4.78 0.00	80.19 4.18 0.00	75.65 3.74 0.00	76.92 3.80 0.00	82.11 3.69 0.00	76.72 2.95 0.00	85.97 3.54 0.00	81.41 3.28 0.00	72.58 3.26 0.00	67.97 3.36 0.00	65.76 3.25 0.00	66.10 2.97 0.00	67.96 3.05 0.00	66.19 3.03 0.00	66.44 3.04 0.00	67.73 3.10 0.00	83.47 3.67 0.00	100.03 4.31 0.00	114.60 5.35 0.00	103.42 4.74 0.00	97.99 4.40 0.00	84.25 3.40 0.00	79.38 3.49 0.00	76.01 2.99 0.00
PATROON__115KV_TB1 80586	85.47 3.13 0.00	79.05 3.04 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	76.50 2.73 0.00	85.39 2.97 0.00	80.71 2.58 0.00	71.54 2.22 0.00	66.94 2.33 0.00	64.83 2.31 0.00	65.40 2.27 0.00	67.05 2.14 0.00	65.37 2.21 0.00	65.56 2.16 0.00	66.57 1.94 0.00	82.04 2.23 0.00	98.11 2.39 0.00	111.86 2.62 0.00	101.05 2.37 0.00	95.74 2.15 0.00	83.03 2.18 0.00	78.09 2.20 0.00	75.28 2.26 0.00
PATTRSNVILLE__SOLAR 323815	85.88 3.54 0.00	79.20 3.19 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.57 3.14 0.00	76.87 3.10 0.00	85.89 3.46 0.00	81.17 3.04 0.00	71.75 2.43 0.00	66.94 2.32 0.00	64.70 2.19 0.00	65.28 2.15 0.00	66.98 2.08 0.00	65.31 2.15 0.00	65.49 2.09 0.00	66.89 2.26 0.00	83.07 3.27 0.00	99.74 4.02 0.00	113.94 4.69 0.00	102.83 4.14 0.00	97.52 3.93 0.00	84.00 3.15 0.00	78.84 2.96 0.00	75.57 2.55 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	77.73 -4.61 0.00	71.52 -4.48 0.00	68.67 -3.24 0.00	69.46 -3.66 0.00	74.11 -4.31 0.00	71.34 -2.43 0.00	78.63 -3.79 0.00	74.06 -4.06 0.00	65.58 -3.74 0.00	61.64 -2.97 0.00	59.45 -3.06 0.00	60.16 -2.97 0.00	62.05 -2.86 0.00	60.07 -3.09 0.00	60.55 -2.85 0.00	61.53 -3.10 0.00	75.33 -4.47 0.00	90.74 -4.98 0.00	103.02 -6.23 0.00	93.26 -5.43 0.00	89.47 -4.12 0.00	76.65 -4.20 0.00	73.23 -2.66 0.00	71.56 -1.46 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	86.95 4.61 0.00	80.19 4.18 0.00	75.79 3.88 0.00	77.14 4.02 0.00	82.66 4.24 0.00	77.61 3.84 0.00	86.79 4.37 0.00	82.11 3.98 0.00	73.00 3.67 0.00	68.17 3.55 0.00	65.83 3.31 0.00	66.16 3.03 0.00	68.02 3.12 0.00	66.26 3.09 0.00	66.38 2.98 0.00	67.86 3.23 0.00	83.87 4.07 0.00	100.79 5.07 0.00	115.47 6.23 0.00	104.21 5.53 0.00	98.64 5.05 0.00	84.89 4.04 0.00	79.83 3.95 0.00	76.09 3.07 0.00
PEEKSKILL____ 23653	85.64 3.30 0.00	78.97 2.96 0.00	74.64 2.73 0.00	75.90 2.78 0.00	81.25 2.82 0.00	76.35 2.58 0.00	85.48 3.05 0.00	80.86 2.73 0.00	71.81 2.49 0.00	67.20 2.59 0.00	64.95 2.44 0.00	65.40 2.27 0.00	67.11 2.21 0.00	65.43 2.27 0.00	65.62 2.22 0.00	66.96 2.32 0.00	82.67 2.87 0.00	99.16 3.44 0.00	113.50 4.26 0.00	102.44 3.75 0.00	97.05 3.46 0.00	83.51 2.66 0.00	78.47 2.58 0.00	74.91 1.90 0.00

PGE MADISON___WINDPWR 24146	88.77 6.43 0.00	81.86 5.85 0.00	77.45 5.54 0.00	77.80 4.68 0.00	84.31 5.88 0.00	79.23 5.46 0.00	88.94 6.51 0.00	84.61 6.48 0.00	74.66 5.34 0.00	69.27 4.65 0.00	67.07 4.56 0.00	67.36 4.23 0.00	69.58 4.68 0.00	67.39 4.23 0.00	67.84 4.44 0.00	69.29 4.66 0.00	86.50 6.70 0.00	105.29 9.57 0.00	120.06 10.82 0.00	108.46 9.77 0.00	102.77 9.18 0.00	87.97 7.12 0.00	82.57 6.68 0.00	79.15 6.13 0.00
PIERCEFIELD___HYD 23852	83.74 1.40 0.00	77.53 1.52 0.00	73.28 1.37 0.00	74.66 1.54 0.00	80.54 2.12 0.00	74.88 1.11 0.00	83.00 0.58 0.00	79.06 0.94 0.00	70.29 0.97 0.00	65.00 0.39 0.00	63.33 0.81 0.00	64.27 1.14 0.00	66.20 1.30 0.00	64.36 1.20 0.00	64.54 1.14 0.00	66.05 1.42 0.00	81.64 1.84 0.00	96.29 0.57 0.00	109.35 0.11 0.00	98.88 0.20 0.00	93.78 0.19 0.00	82.39 1.54 0.00	77.71 1.82 0.00	75.28 2.26 0.00
PINELAWN_CC_1 323563	96.88 5.60 -8.93	100.15 5.02 -19.13	87.40 4.61 -10.89	84.35 4.68 -6.55	83.79 4.86 -0.50	94.75 4.58 -16.40	101.79 5.35 -14.01	102.48 4.92 -19.43	84.10 4.37 -10.41	81.28 4.33 -12.34	66.64 4.12 0.00	66.79 3.66 0.00	68.60 3.70 0.00	66.76 3.60 0.00	67.14 3.74 0.00	68.77 4.14 0.00	95.78 5.18 -10.80	138.25 6.32 -36.22	136.51 7.43 -19.84	126.19 6.71 -20.79	116.92 6.27 -17.06	101.65 5.10 -15.70	94.85 4.86 -14.10	92.15 4.09 -15.04
PJM_GEN_HTP_PROXY 323702	85.96 3.62 0.00	79.20 3.19 0.00	74.79 2.88 0.00	76.05 2.93 0.00	81.41 2.98 0.00	76.50 2.73 0.00	85.73 3.30 0.00	81.10 2.97 0.00	72.10 2.78 0.00	67.59 2.97 0.00	65.26 2.75 0.00	65.72 2.59 0.00	67.44 2.53 0.00	65.75 2.59 0.00	65.94 2.54 0.00	67.28 2.65 0.00	83.00 3.20 0.00	99.55 3.83 0.00	113.94 4.69 0.00	102.83 4.14 0.00	97.43 3.84 0.00	83.84 2.99 0.00	78.77 2.88 0.00	75.21 2.19 0.00
PJM_GEN_KEystone 24065	53.30 -1.40 27.64	51.30 -1.45 23.26	51.39 -1.08 19.44	51.63 -1.17 20.32	53.34 -1.49 23.59	57.13 -0.96 15.68	64.73 -1.32 16.37	68.19 -1.49 8.45	60.98 -1.32 7.02	54.65 -0.97 9.00	48.50 -0.94 13.08	46.92 -1.07 15.14	45.17 -1.10 18.63	42.77 -1.07 19.32	42.23 -1.08 20.09	43.00 -1.16 20.47	47.30 -1.68 30.82	58.22 -1.82 35.68	66.50 -2.18 40.56	63.12 -1.97 33.59	58.10 -1.50 33.99	54.10 -1.70 25.05	48.35 -1.06 26.47	46.80 -0.95 25.27
PJM_GEN_NEPTUNE_PROXY 323594	91.65 4.53 -4.79	90.29 4.03 -10.25	81.48 3.74 -5.83	80.43 3.80 -3.51	82.61 3.92 -0.27	86.25 3.69 -8.79	94.22 4.28 -7.51	92.44 3.90 -10.41	78.43 3.53 -5.58	74.84 3.62 -6.61	65.95 3.44 0.00	66.16 3.03 0.00	67.96 3.05 0.00	66.13 2.97 0.00	66.44 3.04 0.00	67.93 3.29 0.00	89.65 4.07 -5.79	120.01 4.88 -19.41	125.77 5.23 -10.63	115.06 4.86 -11.14	107.59 3.88 -9.14	93.15 3.88 -8.42	87.24 3.79 -7.56	84.15 3.07 -8.06
PJM_GEN_VFT_PROXY 323633	40.68 3.21 44.87	39.16 2.81 39.66	37.96 2.52 36.47	38.37 2.56 37.31	39.73 2.58 41.28	51.91 2.36 24.22	50.90 2.88 34.41	54.62 2.57 26.08	41.43 2.49 30.38	37.42 2.65 29.84	36.61 2.44 28.34	36.61 2.27 28.79	52.75 2.14 14.30	52.75 2.21 12.62	52.75 2.16 12.81	52.75 2.20 14.08	52.75 2.63 29.68	61.66 3.15 37.21	56.80 3.93 56.37	63.84 3.45 38.30	55.21 3.18 41.56	54.44 2.42 28.83	52.75 2.36 25.49	52.75 1.60 21.87
PLATSBURG_115KV_PMLD1 355749	82.84 0.49 0.00	76.84 0.84 0.00	72.70 0.79 0.00	74.29 1.17 0.00	80.00 1.57 0.00	74.88 1.11 0.00	82.84 0.41 0.00	78.91 0.78 0.00	70.22 0.90 0.00	64.94 0.32 0.00	62.76 0.25 0.00	63.51 0.38 0.00	65.49 0.58 0.00	63.67 0.51 0.00	63.91 0.51 0.00	65.47 0.84 0.00	81.40 1.60 0.00	97.35 1.63 0.00	111.21 1.97 0.00	100.56 1.88 0.00	95.46 1.87 0.00	83.11 2.26 0.00	77.94 2.05 0.00	75.94 2.92 0.00
PLEASANTVLY___LBMP 24000	85.72 3.38 0.00	79.05 3.04 0.00	74.71 2.80 0.00	75.97 2.85 0.00	81.33 2.90 0.00	76.43 2.66 0.00	85.56 3.13 0.00	80.94 2.81 0.00	71.89 2.56 0.00	67.20 2.58 0.00	65.01 2.50 0.00	65.47 2.34 0.00	67.24 2.34 0.00	65.50 2.34 0.00	65.75 2.35 0.00	67.02 2.39 0.00	82.67 2.87 0.00	99.16 3.45 0.00	113.39 4.15 0.00	102.44 3.75 0.00	97.05 3.46 0.00	83.60 2.75 0.00	78.54 2.66 0.00	75.14 2.12 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	86.05 3.71 0.00	79.27 3.27 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.56 3.14 0.00	76.72 2.95 0.00	85.81 3.38 0.00	81.25 3.13 0.00	72.16 2.84 0.00	67.52 2.91 0.00	65.33 2.81 0.00	65.72 2.59 0.00	67.50 2.60 0.00	65.75 2.59 0.00	66.00 2.60 0.00	67.28 2.65 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.36 2.34 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	86.05 3.71 0.00	79.27 3.27 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.56 3.14 0.00	76.72 2.95 0.00	85.81 3.38 0.00	81.25 3.13 0.00	72.16 2.84 0.00	67.52 2.91 0.00	65.33 2.81 0.00	65.72 2.59 0.00	67.50 2.60 0.00	65.75 2.59 0.00	66.00 2.60 0.00	67.28 2.65 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.36 2.34 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	86.46 4.12 0.00	79.73 3.72 0.00	75.43 3.52 0.00	76.70 3.58 0.00	82.11 3.69 0.00	77.24 3.47 0.00	86.38 3.96 0.00	81.64 3.52 0.00	72.51 3.19 0.00	67.71 3.10 0.00	65.45 2.94 0.00	65.85 2.71 0.00	67.63 2.73 0.00	65.94 2.78 0.00	66.19 2.79 0.00	67.54 2.91 0.00	83.47 3.67 0.00	100.22 4.50 0.00	114.70 5.46 0.00	103.52 4.84 0.00	98.08 4.49 0.00	84.41 3.56 0.00	79.30 3.41 0.00	75.79 2.77 0.00
POLETTI___ 23519	85.97 3.62 0.00	79.12 3.12 0.00	74.71 2.80 0.00	76.05 2.92 0.00	81.33 2.90 0.00	76.43 2.66 0.00	85.64 3.21 0.00	81.02 2.89 0.00	72.09 2.77 0.00	67.52 2.91 0.00	65.33 2.81 0.00	65.66 2.53 0.00	67.44 2.53 0.00	65.69 2.53 0.00	65.94 2.54 0.00	67.22 2.59 0.00	82.91 3.11 0.00	99.45 3.73 0.00	113.83 4.59 0.00	102.73 4.05 0.00	97.33 3.74 0.00	83.76 2.91 0.00	78.70 2.81 0.00	75.14 2.12 0.00
POMONA___ESR 323819	85.55 3.21 0.00	78.82 2.81 0.00	74.49 2.58 0.00	75.75 2.63 0.00	81.09 2.67 0.00	76.20 2.43 0.00	85.31 2.88 0.00	80.70 2.57 0.00	71.54 2.22 0.00	66.87 2.26 0.00	64.76 2.25 0.00	65.15 2.02 0.00	66.85 1.95 0.00	65.24 2.08 0.00	65.43 2.03 0.00	66.70 2.07 0.00	82.35 2.55 0.00	98.78 3.06 0.00	113.06 3.82 0.00	102.14 3.45 0.00	96.67 3.08 0.00	83.20 2.35 0.00	78.24 2.36 0.00	74.70 1.68 0.00
PORT_JEFF_3 23555	97.61 6.34 -8.93	100.84 5.70 -19.13	88.04 5.25 -10.89	85.00 5.33 -6.55	84.49 5.57 -0.50	95.49 5.31 -16.40	102.62 6.19 -14.01	103.25 5.70 -19.43	84.58 4.85 -10.41	81.67 4.71 -12.34	67.02 4.50 0.00	67.05 3.92 0.00	68.87 3.96 0.00	66.95 3.79 0.00	67.40 4.00 0.00	69.09 4.46 0.00	96.42 5.82 -10.80	139.12 7.18 -36.22	137.17 8.08 -19.84	126.78 7.30 -20.79	117.57 6.93 -17.06	102.38 5.82 -15.70	95.60 5.62 -14.10	92.96 4.89 -15.04

PORT_JEFF_4 23616	97.61 6.34 -8.93	100.84 5.70 -19.13	88.04 5.25 -10.89	85.00 5.33 -6.55	84.49 5.57 -0.50	95.49 5.31 -16.40	102.62 6.19 -14.01	103.25 5.70 -19.43	84.58 4.85 -10.41	81.67 4.71 -12.34	67.02 4.50 0.00	67.05 3.92 0.00	68.87 3.96 0.00	66.95 3.79 0.00	67.40 4.00 0.00	69.09 4.46 0.00	96.42 5.82 -10.80	139.12 7.18 -36.22	137.17 8.08 -19.84	126.78 7.30 -20.79	117.57 6.93 -17.06	102.38 5.82 -15.70	95.60 5.62 -14.10	92.96 4.89 -15.04
PORT_JEFF_IC 23713	97.70 6.42 -8.93	100.92 5.78 -19.13	88.12 5.32 -10.89	85.08 5.41 -6.55	84.57 5.65 -0.50	95.56 5.39 -16.40	102.70 6.26 -14.01	103.34 5.78 -19.43	84.59 4.85 -10.41	81.73 4.78 -12.34	67.08 4.56 0.00	67.11 3.98 0.00	68.93 4.02 0.00	67.01 3.85 0.00	67.46 4.06 0.00	69.16 4.52 0.00	96.50 5.91 -10.80	139.21 7.27 -36.22	137.28 8.19 -19.84	126.88 7.40 -20.79	117.76 7.11 -17.06	102.54 5.98 -15.70	95.68 5.69 -14.10	93.03 4.97 -15.04
PPL_PILGRIM_ST_GT1 24216	97.70 6.43 -8.93	100.91 5.77 -19.13	88.12 5.32 -10.89	85.08 5.41 -6.55	84.57 5.65 -0.50	95.56 5.38 -16.40	102.62 6.19 -14.01	103.34 5.78 -19.43	84.79 5.06 -10.41	81.86 4.91 -12.34	67.26 4.75 0.00	67.30 4.17 0.00	69.19 4.28 0.00	67.26 4.10 0.00	67.71 4.31 0.00	69.35 4.72 0.00	96.58 5.99 -10.80	139.12 7.18 -36.22	137.49 8.41 -19.84	127.08 7.60 -20.79	117.75 7.11 -17.06	102.45 5.90 -15.70	95.60 5.62 -14.10	92.96 4.89 -15.04
PPL_PILGRIM_ST_GT2 24217	97.70 6.43 -8.93	100.91 5.77 -19.13	88.12 5.32 -10.89	85.08 5.41 -6.55	84.57 5.65 -0.50	95.56 5.38 -16.40	102.62 6.19 -14.01	103.34 5.78 -19.43	84.79 5.06 -10.41	81.86 4.91 -12.34	67.26 4.75 0.00	67.30 4.17 0.00	69.19 4.28 0.00	67.26 4.10 0.00	67.71 4.31 0.00	69.35 4.72 0.00	96.58 5.99 -10.80	139.12 7.18 -36.22	137.49 8.41 -19.84	127.08 7.60 -20.79	117.75 7.11 -17.06	102.45 5.90 -15.70	95.60 5.62 -14.10	92.96 4.89 -15.04
PPL_SHRM_GT3 24213	97.78 6.50 -8.93	101.07 5.93 -19.13	88.19 5.40 -10.89	85.16 5.49 -6.55	84.65 5.72 -0.50	95.63 5.46 -16.40	102.78 6.35 -14.01	103.42 5.86 -19.43	84.65 4.92 -10.41	81.67 4.71 -12.34	66.95 4.44 0.00	66.92 3.79 0.00	68.74 3.83 0.00	66.82 3.66 0.00	67.27 3.87 0.00	69.03 4.40 0.00	96.42 5.82 -10.80	139.41 7.47 -36.22	136.73 7.64 -19.84	126.38 6.91 -20.79	117.57 6.93 -17.06	102.70 6.14 -15.70	95.91 5.92 -14.10	93.25 5.18 -15.04
PPL_SHRM_GT4 24214	97.78 6.50 -8.93	101.07 5.93 -19.13	88.19 5.40 -10.89	85.16 5.49 -6.55	84.65 5.72 -0.50	95.63 5.46 -16.40	102.78 6.35 -14.01	103.42 5.86 -19.43	84.65 4.92 -10.41	81.67 4.71 -12.34	66.95 4.44 0.00	66.92 3.79 0.00	68.74 3.83 0.00	66.82 3.66 0.00	67.27 3.87 0.00	69.03 4.40 0.00	96.42 5.82 -10.80	139.41 7.47 -36.22	136.73 7.64 -19.84	126.38 6.91 -20.79	117.57 6.93 -17.06	102.70 6.14 -15.70	95.91 5.92 -14.10	93.25 5.18 -15.04
PROJECT___ORANGE 1 24174	79.79 -2.55 0.00	73.57 -2.43 0.00	69.68 -2.23 0.00	70.71 -2.41 0.00	75.84 -2.59 0.00	71.63 -2.14 0.00	79.95 -2.47 0.00	75.78 -2.34 0.00	67.24 -2.08 0.00	62.80 -1.81 0.00	60.76 -1.75 0.00	61.30 -1.83 0.00	63.15 -1.75 0.00	61.39 -1.77 0.00	61.69 -1.71 0.00	62.82 -1.81 0.00	77.49 -2.31 0.00	94.00 -1.72 0.00	107.17 -2.08 0.00	96.71 -1.97 0.00	91.81 -1.78 0.00	79.07 -1.78 0.00	74.22 -1.67 0.00	71.41 -1.61 0.00
PROJECT___ORANGE 2 24166	79.79 -2.55 0.00	73.57 -2.43 0.00	69.68 -2.23 0.00	70.71 -2.41 0.00	75.84 -2.59 0.00	71.63 -2.14 0.00	79.95 -2.47 0.00	75.78 -2.34 0.00	67.24 -2.08 0.00	62.80 -1.81 0.00	60.76 -1.75 0.00	61.30 -1.83 0.00	63.15 -1.75 0.00	61.39 -1.77 0.00	61.69 -1.71 0.00	62.82 -1.81 0.00	77.49 -2.31 0.00	94.00 -1.72 0.00	107.17 -2.08 0.00	96.71 -1.97 0.00	91.81 -1.78 0.00	79.07 -1.78 0.00	74.22 -1.67 0.00	71.41 -1.61 0.00
PUCKETT___SOLAR 323809	83.33 0.99 0.00	76.84 0.84 0.00	72.78 0.87 0.00	73.70 0.58 0.00	79.21 0.78 0.00	74.81 1.03 0.00	83.58 1.15 0.00	79.22 1.09 0.00	70.09 0.76 0.00	65.33 0.71 0.00	63.14 0.63 0.00	63.63 0.50 0.00	65.56 0.65 0.00	63.66 0.50 0.00	64.03 0.63 0.00	65.34 0.71 0.00	80.92 1.12 0.00	97.92 2.20 0.00	111.64 2.40 0.00	100.76 2.08 0.00	95.74 2.15 0.00	82.22 1.37 0.00	77.33 1.44 0.00	74.34 1.32 0.00
PYRITES___HYD 24023	85.22 2.88 0.00	78.82 2.81 0.00	74.50 2.59 0.00	75.83 2.71 0.00	81.96 3.53 0.00	76.13 2.36 0.00	84.65 2.23 0.00	80.63 2.50 0.00	71.61 2.29 0.00	66.10 1.49 0.00	64.26 1.75 0.00	65.09 1.96 0.00	67.05 2.14 0.00	65.25 2.08 0.00	65.43 2.03 0.00	67.02 2.39 0.00	83.07 3.27 0.00	98.30 2.58 0.00	111.76 2.51 0.00	100.96 2.27 0.00	95.74 2.15 0.00	83.92 3.07 0.00	79.00 3.11 0.00	76.52 3.50 0.00
QUAKERRD_115KV_BK1 80622	76.17 -6.18 0.00	70.23 -5.78 0.00	66.73 -5.18 0.00	67.71 -5.41 0.00	72.31 -6.12 0.00	68.98 -4.80 0.00	76.66 -5.77 0.00	72.50 -5.63 0.00	64.33 -4.99 0.00	60.15 -4.46 0.00	58.07 -4.44 0.00	58.65 -4.48 0.00	60.56 -4.35 0.00	58.68 -4.48 0.00	59.03 -4.37 0.00	60.04 -4.59 0.00	73.82 -5.99 0.00	89.40 -6.32 0.00	101.70 -7.54 0.00	91.78 -6.91 0.00	87.51 -6.08 0.00	75.27 -5.58 0.00	71.18 -4.71 0.00	68.93 -4.09 0.00
QUEENSBRY_115KV_TB8 356137	89.42 7.08 0.00	82.47 6.46 0.00	77.95 6.04 0.00	79.26 6.14 0.00	84.86 6.43 0.00	80.04 6.27 0.00	89.43 7.01 0.00	84.53 6.41 0.00	74.59 5.27 0.00	69.72 5.10 0.00	67.26 4.75 0.00	67.93 4.80 0.00	69.45 4.54 0.00	67.71 4.55 0.00	67.84 4.44 0.00	69.42 4.78 0.00	86.26 6.46 0.00	103.47 7.75 0.00	118.31 9.07 0.00	106.68 7.99 0.00	101.08 7.49 0.00	87.16 6.31 0.00	81.81 5.92 0.00	78.42 5.40 0.00
RAMAPO___LBMP 323565	85.31 2.96 0.00	78.59 2.58 0.00	74.28 2.37 0.00	75.53 2.41 0.00	80.86 2.43 0.00	75.99 2.21 0.00	85.06 2.64 0.00	80.47 2.34 0.00	71.40 2.08 0.00	66.75 2.13 0.00	64.58 2.06 0.00	65.02 1.89 0.00	66.72 1.82 0.00	65.06 1.89 0.00	65.24 1.84 0.00	66.57 1.94 0.00	82.11 2.31 0.00	98.49 2.78 0.00	112.74 3.50 0.00	101.84 3.16 0.00	96.49 2.90 0.00	83.03 2.18 0.00	78.01 2.12 0.00	74.48 1.46 0.00
RANKINE____ 23646	76.33 -6.01 0.00	70.23 -5.78 0.00	67.45 -4.46 0.00	68.29 -4.83 0.00	72.78 -5.65 0.00	70.08 -3.69 0.00	77.15 -5.28 0.00	72.74 -5.39 0.00	64.40 -4.92 0.00	60.48 -4.14 0.00	58.39 -4.13 0.00	59.09 -4.04 0.00	60.95 -3.96 0.00	58.99 -4.17 0.00	59.41 -3.99 0.00	60.37 -4.27 0.00	73.74 -6.06 0.00	88.92 -6.80 0.00	100.83 -8.41 0.00	91.38 -7.30 0.00	87.79 -5.80 0.00	75.11 -5.74 0.00	71.87 -4.02 0.00	70.32 -2.70 0.00
RAVENSWOOD_GT2_1 24244	86.13 3.79 0.00	79.27 3.27 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.17 3.05 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.81 2.65 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.28 2.26 0.00

RAVENSWOOD_GT2_2 24245	86.13 3.79 0.00	79.27 3.27 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.17 3.05 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.81 2.65 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.28 2.26 0.00
RAVENSWOOD_GT2_3 24246	86.13 3.79 0.00	79.35 3.34 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.56 3.14 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.25 3.13 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.45 2.94 0.00	65.85 2.71 0.00	67.57 2.66 0.00	65.88 2.72 0.00	66.06 2.66 0.00	67.41 2.78 0.00	83.15 3.35 0.00	99.64 3.92 0.00	114.16 4.92 0.00	103.03 4.34 0.00	97.61 4.02 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.36 2.34 0.00
RAVENSWOOD_GT2_4 24247	86.13 3.79 0.00	79.35 3.34 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.56 3.14 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.25 3.13 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.45 2.94 0.00	65.85 2.71 0.00	67.57 2.66 0.00	65.88 2.72 0.00	66.06 2.66 0.00	67.41 2.78 0.00	83.15 3.35 0.00	99.64 3.92 0.00	114.16 4.92 0.00	103.03 4.34 0.00	97.61 4.02 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.36 2.34 0.00
RAVENSWOOD_GT3_1 24248	86.13 3.79 0.00	79.35 3.34 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.17 3.05 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.88 2.72 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.28 2.26 0.00
RAVENSWOOD_GT3_2 24249	86.13 3.79 0.00	79.35 3.34 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.17 3.05 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.88 2.72 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.28 2.26 0.00
RAVENSWOOD_GT3_3 24250	86.21 3.87 0.00	79.43 3.42 0.00	75.00 3.09 0.00	76.26 3.14 0.00	81.64 3.22 0.00	76.65 2.88 0.00	85.89 3.46 0.00	81.25 3.13 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.51 3.00 0.00	65.91 2.78 0.00	67.63 2.73 0.00	65.94 2.78 0.00	66.13 2.73 0.00	67.48 2.84 0.00	83.23 3.43 0.00	99.74 4.02 0.00	114.27 5.03 0.00	103.13 4.44 0.00	97.71 4.12 0.00	84.00 3.15 0.00	79.00 3.11 0.00	75.36 2.34 0.00
RAVENSWOOD_GT3_4 24251	86.21 3.87 0.00	79.43 3.42 0.00	75.00 3.09 0.00	76.26 3.14 0.00	81.64 3.22 0.00	76.65 2.88 0.00	85.89 3.46 0.00	81.25 3.13 0.00	72.30 2.98 0.00	67.71 3.10 0.00	65.51 3.00 0.00	65.91 2.78 0.00	67.63 2.73 0.00	65.94 2.78 0.00	66.13 2.73 0.00	67.48 2.84 0.00	83.23 3.43 0.00	99.74 4.02 0.00	114.27 5.03 0.00	103.13 4.44 0.00	97.71 4.12 0.00	84.00 3.15 0.00	79.00 3.11 0.00	75.36 2.34 0.00
RAVENSWOOD_GT_1 23729	90.68 4.03 -4.31	83.52 3.57 -3.94	78.90 3.16 -3.82	80.24 3.29 -3.83	85.22 3.22 -3.57	78.53 2.88 -1.88	88.11 3.38 -2.31	83.03 3.13 -1.78	76.07 3.05 -3.70	72.09 3.23 -4.25	70.00 3.13 -4.36	70.40 2.90 -4.36	68.16 2.92 -0.33	69.73 2.91 -3.66	69.80 2.92 -3.48	69.78 2.97 -2.18	93.24 3.51 -9.92	118.17 4.21 -18.24	123.94 5.13 -9.57	121.46 4.54 -18.24	107.42 4.21 -9.62	98.68 3.31 -14.52	79.96 3.26 -0.81	75.57 2.56 0.00
RAVENSWOOD_GT_10 24258	86.13 3.79 0.00	79.27 3.27 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.17 3.05 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.81 2.65 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.28 2.26 0.00
RAVENSWOOD_GT_11 24259	86.13 3.79 0.00	79.27 3.27 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.17 3.05 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.81 2.65 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.28 2.26 0.00
RAVENSWOOD_GT_4 24252	89.33 3.71 -3.28	82.27 3.27 -3.00	77.77 2.95 -2.91	79.11 3.07 -2.92	84.21 3.06 -2.72	78.01 2.80 -1.43	87.56 3.38 -1.76	82.53 3.05 -1.35	74.98 2.84 -2.82	70.89 3.04 -3.24	68.71 2.88 -3.32	69.10 2.65 -3.32	67.76 2.60 -0.25	68.60 2.65 -2.79	68.65 2.60 -2.65	69.01 2.71 -1.66	90.63 3.27 -7.56	113.53 3.92 -13.89	121.33 4.81 -7.28	116.82 4.24 -13.89	104.84 3.93 -7.32	94.98 3.07 -11.06	79.47 2.96 -0.62	75.28 2.26 0.00
RAVENSWOOD_GT_5 24254	89.33 3.71 -3.28	82.27 3.27 -3.00	77.77 2.95 -2.91	79.11 3.07 -2.92	84.21 3.06 -2.72	78.01 2.80 -1.43	87.56 3.38 -1.76	82.53 3.05 -1.35	74.98 2.84 -2.82	70.89 3.04 -3.24	68.71 2.88 -3.32	69.10 2.65 -3.32	67.76 2.60 -0.25	68.60 2.65 -2.79	68.65 2.60 -2.65	69.01 2.71 -1.66	90.63 3.27 -7.56	113.53 3.92 -13.89	121.33 4.81 -7.28	116.82 4.24 -13.89	104.84 3.93 -7.32	94.98 3.07 -11.06	79.47 2.96 -0.62	75.28 2.26 0.00
RAVENSWOOD_GT_6 24253	89.33 3.71 -3.28	82.27 3.27 -3.00	77.77 2.95 -2.91	79.11 3.07 -2.92	84.21 3.06 -2.72	78.01 2.80 -1.43	87.56 3.38 -1.76	82.53 3.05 -1.35	74.98 2.84 -2.82	70.89 3.04 -3.24	68.71 2.88 -3.32	69.10 2.65 -3.32	67.76 2.60 -0.25	68.60 2.65 -2.79	68.65 2.60 -2.65	69.01 2.71 -1.66	90.63 3.27 -7.56	113.53 3.92 -13.89	121.33 4.81 -7.28	116.82 4.24 -13.89	104.84 3.93 -7.32	94.98 3.07 -11.06	79.47 2.96 -0.62	75.28 2.26 0.00
RAVENSWOOD_GT_7 24255	89.33 3.71 -3.28	82.27 3.27 -3.00	77.77 2.95 -2.91	79.11 3.07 -2.92	84.21 3.06 -2.72	78.01 2.80 -1.43	87.56 3.38 -1.76	82.53 3.05 -1.35	74.98 2.84 -2.82	70.89 3.04 -3.24	68.71 2.88 -3.32	69.10 2.65 -3.32	67.76 2.60 -0.25	68.60 2.65 -2.79	68.65 2.60 -2.65	69.01 2.71 -1.66	90.63 3.27 -7.56	113.53 3.92 -13.89	121.33 4.81 -7.28	116.82 4.24 -13.89	104.84 3.93 -7.32	94.98 3.07 -11.06	79.47 2.96 -0.62	75.28 2.26 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	86.13 3.79 0.00	79.27 3.27 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.17 3.05 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.81 2.65 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.28 2.26 0.00

RAVENSWOOD_GT_9 24257	86.13 3.79 0.00	79.27 3.27 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.17 3.05 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.81 2.65 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.92 3.04 0.00	75.28 2.26 0.00
RAVENSWOOD___1 23533	86.38 4.03 0.00	79.50 3.50 0.00	75.07 3.16 0.00	76.33 3.21 0.00	81.64 3.22 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.26 3.13 0.00	72.37 3.05 0.00	67.78 3.17 0.00	65.51 3.00 0.00	65.97 2.84 0.00	67.76 2.85 0.00	66.07 2.91 0.00	66.26 2.86 0.00	67.61 2.97 0.00	83.31 3.51 0.00	99.83 4.11 0.00	114.38 5.14 0.00	103.23 4.54 0.00	97.80 4.22 0.00	84.09 3.24 0.00	79.07 3.19 0.00	75.50 2.48 0.00
RAVENSWOOD___2 23534	86.38 4.03 0.00	79.50 3.50 0.00	75.07 3.16 0.00	76.33 3.21 0.00	81.57 3.14 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.26 3.13 0.00	72.37 3.05 0.00	67.78 3.17 0.00	65.51 3.00 0.00	65.97 2.84 0.00	67.76 2.85 0.00	66.07 2.91 0.00	66.26 2.86 0.00	67.54 2.91 0.00	83.23 3.43 0.00	99.83 4.11 0.00	114.27 5.03 0.00	103.23 4.54 0.00	97.70 4.11 0.00	84.09 3.24 0.00	79.07 3.19 0.00	75.50 2.48 0.00
RAVENSWOOD___3 23535	86.13 3.79 0.00	79.35 3.34 0.00	74.93 3.02 0.00	76.19 3.07 0.00	81.48 3.06 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.17 3.04 0.00	72.23 2.91 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.57 2.66 0.00	65.87 2.71 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.93 0.00	114.04 4.80 0.00	103.02 4.34 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.93 3.04 0.00	75.29 2.27 0.00
RAVENSWOOD___4 23820	82.14 4.03 4.24	75.63 3.50 3.88	71.24 3.09 3.76	72.56 3.21 3.78	78.05 3.14 3.52	74.72 2.80 1.85	83.45 3.30 2.27	79.42 3.04 1.75	68.66 2.98 3.64	63.59 3.17 4.18	61.16 2.94 4.30	61.68 2.84 4.30	67.43 2.85 0.33	62.40 2.84 3.60	62.83 2.86 3.43	65.40 2.91 2.15	73.46 3.43 9.77	81.87 4.11 17.96	104.85 5.03 9.42	85.17 4.44 17.96	88.23 4.11 9.47	69.79 3.24 14.30	78.27 3.19 0.80	75.50 2.48 0.00
RCPI_TRUST___DRP 24196	86.05 3.71 0.00	79.27 3.27 0.00	74.86 2.95 0.00	76.12 3.00 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.17 3.05 0.00	72.16 2.84 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.50 2.60 0.00	65.81 2.65 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.85 2.96 0.00	75.28 2.26 0.00
RED___ROCHESTER 323720	77.65 -4.69 0.00	71.68 -4.33 0.00	68.17 -3.74 0.00	69.17 -3.95 0.00	73.80 -4.63 0.00	70.60 -3.17 0.00	78.31 -4.12 0.00	74.06 -4.07 0.00	65.65 -3.68 0.00	61.45 -3.16 0.00	59.39 -3.12 0.00	59.91 -3.22 0.00	61.86 -3.05 0.00	59.94 -3.22 0.00	60.30 -3.11 0.00	61.34 -3.29 0.00	75.33 -4.47 0.00	91.32 -4.40 0.00	103.89 -5.35 0.00	93.66 -5.03 0.00	89.47 -4.12 0.00	76.89 -3.96 0.00	72.85 -3.04 0.00	70.61 -2.41 0.00
REGAN___SOLAR 323812	88.60 6.25 0.00	81.71 5.70 0.00	77.23 5.32 0.00	78.53 5.41 0.00	84.08 5.65 0.00	79.31 5.54 0.00	88.61 6.19 0.00	83.59 5.47 0.00	73.55 4.23 0.00	68.49 3.88 0.00	66.20 3.69 0.00	66.73 3.60 0.00	68.41 3.50 0.00	66.76 3.60 0.00	66.88 3.48 0.00	68.71 4.07 0.00	85.79 5.99 0.00	103.28 7.56 0.00	118.20 8.96 0.00	106.58 7.90 0.00	100.98 7.39 0.00	86.75 5.90 0.00	81.35 5.47 0.00	77.84 4.82 0.00
RENSSELAER___COGEN 23796	85.06 2.71 0.00	78.74 2.73 0.00	74.43 2.52 0.00	75.68 2.56 0.00	80.86 2.43 0.00	76.20 2.43 0.00	84.98 2.56 0.00	80.31 2.18 0.00	71.26 1.94 0.00	66.62 2.01 0.00	64.51 2.00 0.00	65.02 1.89 0.00	66.72 1.81 0.00	65.05 1.89 0.00	65.30 1.90 0.00	66.25 1.62 0.00	81.64 1.84 0.00	97.53 1.81 0.00	111.31 2.07 0.00	100.56 1.87 0.00	95.28 1.69 0.00	82.55 1.70 0.00	77.71 1.82 0.00	74.99 1.97 0.00
REPUBLIC_115KV_BARTNBRK 55605	92.55 10.21 0.00	85.35 9.35 0.00	80.75 8.84 0.00	82.04 8.92 0.00	87.76 9.33 0.00	82.92 9.15 0.00	92.73 10.30 0.00	87.50 9.38 0.00	77.02 7.69 0.00	71.85 7.24 0.00	69.33 6.81 0.00	70.01 6.88 0.00	71.40 6.49 0.00	69.67 6.51 0.00	69.74 6.34 0.00	71.68 7.04 0.00	89.46 9.66 0.00	107.40 11.68 0.00	122.90 13.66 0.00	110.73 12.04 0.00	104.82 11.23 0.00	90.15 9.30 0.00	84.54 8.65 0.00	80.91 7.89 0.00
REVERE_CPPR_DRP 24186	85.39 3.05 0.00	78.82 2.81 0.00	74.50 2.59 0.00	75.46 2.34 0.00	81.33 2.90 0.00	76.43 2.66 0.00	85.56 3.13 0.00	81.25 3.13 0.00	71.89 2.56 0.00	66.94 2.33 0.00	64.89 2.38 0.00	65.28 2.15 0.00	67.31 2.40 0.00	65.37 2.21 0.00	65.68 2.28 0.00	67.02 2.39 0.00	83.07 3.27 0.00	100.03 4.31 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.61 4.02 0.00	84.00 3.15 0.00	78.85 2.96 0.00	75.72 2.70 0.00
REYNOLDS_115KV_TB3 80639	85.55 3.21 0.00	79.05 3.04 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	76.58 2.80 0.00	85.48 3.05 0.00	80.78 2.66 0.00	71.68 2.36 0.00	67.00 2.39 0.00	64.89 2.38 0.00	65.40 2.27 0.00	67.11 2.21 0.00	65.43 2.27 0.00	65.62 2.22 0.00	66.70 2.07 0.00	82.27 2.47 0.00	98.40 2.68 0.00	112.30 3.06 0.00	101.45 2.76 0.00	96.12 2.53 0.00	83.19 2.34 0.00	78.24 2.35 0.00	75.28 2.26 0.00
RIVERBAY____ 323610	87.12 4.78 0.00	80.19 4.18 0.00	75.65 3.74 0.00	76.92 3.80 0.00	82.11 3.69 0.00	76.72 2.95 0.00	85.97 3.54 0.00	81.41 3.28 0.00	72.58 3.26 0.00	67.97 3.36 0.00	65.76 3.25 0.00	66.10 2.97 0.00	67.96 3.05 0.00	66.19 3.03 0.00	66.44 3.04 0.00	67.73 3.10 0.00	83.47 3.67 0.00	100.03 4.31 0.00	114.60 5.35 0.00	103.42 4.74 0.00	97.99 4.40 0.00	84.25 3.40 0.00	79.38 3.49 0.00	76.01 2.99 0.00
RIVERSDE_115KV_TB3 55908	85.39 3.05 0.00	78.97 2.96 0.00	74.64 2.73 0.00	75.90 2.78 0.00	81.09 2.67 0.00	76.43 2.66 0.00	85.31 2.88 0.00	80.63 2.50 0.00	71.47 2.15 0.00	66.87 2.26 0.00	64.76 2.25 0.00	65.28 2.15 0.00	66.98 2.08 0.00	65.31 2.15 0.00	65.49 2.09 0.00	66.51 1.87 0.00	81.96 2.15 0.00	98.02 2.30 0.00	111.76 2.51 0.00	100.96 2.27 0.00	95.74 2.15 0.00	82.95 2.10 0.00	78.01 2.12 0.00	75.21 2.19 0.00
ROARING___BROOK_WT_PWR 323790	81.19 -1.15 0.00	75.10 -0.91 0.00	71.05 -0.86 0.00	72.46 -0.66 0.00	77.88 -0.55 0.00	73.18 -0.59 0.00	81.85 -0.57 0.00	77.74 -0.39 0.00	69.05 -0.28 0.00	64.23 -0.39 0.00	62.14 -0.37 0.00	62.82 -0.31 0.00	64.58 -0.32 0.00	62.85 -0.31 0.00	63.08 -0.32 0.00	64.44 -0.19 0.00	79.80 0.00 0.00	95.53 -0.19 0.00	109.02 -0.22 0.00	98.59 -0.10 0.00	93.50 -0.09 0.00	81.01 0.16 0.00	75.96 0.08 0.00	73.17 0.15 0.00

ROCHESRG_115KV_T4 355643	76.91 -5.43 0.00	70.91 -5.09 0.00	67.52 -4.39 0.00	68.51 -4.61 0.00	73.09 -5.33 0.00	69.79 -3.98 0.00	77.40 -5.03 0.00	73.21 -4.92 0.00	64.89 -4.44 0.00	60.74 -3.88 0.00	58.64 -3.88 0.00	59.22 -3.91 0.00	61.14 -3.76 0.00	59.24 -3.92 0.00	59.53 -3.87 0.00	60.56 -4.07 0.00	74.37 -5.43 0.00	89.98 -5.74 0.00	102.36 -6.88 0.00	92.37 -6.32 0.00	88.25 -5.33 0.00	75.92 -4.93 0.00	71.94 -3.95 0.00	69.81 -3.21 0.00
ROCHESTER_9_IC 23652	77.32 -5.02 0.00	71.29 -4.71 0.00	67.88 -4.03 0.00	68.81 -4.31 0.00	73.49 -4.94 0.00	70.23 -3.54 0.00	77.89 -4.53 0.00	73.67 -4.45 0.00	65.30 -4.02 0.00	61.06 -3.55 0.00	58.95 -3.56 0.00	59.60 -3.54 0.00	61.53 -3.38 0.00	59.62 -3.54 0.00	59.91 -3.49 0.00	60.95 -3.68 0.00	74.85 -4.95 0.00	90.65 -5.07 0.00	103.13 -6.12 0.00	93.06 -5.63 0.00	88.91 -4.68 0.00	76.40 -4.45 0.00	72.40 -3.49 0.00	70.24 -2.77 0.00
ROCKVIEW_13_KV_LD 356306	86.30 3.95 0.00	79.50 3.50 0.00	75.07 3.16 0.00	76.34 3.22 0.00	81.72 3.29 0.00	76.87 3.10 0.00	86.05 3.63 0.00	81.41 3.28 0.00	72.37 3.05 0.00	67.71 3.10 0.00	65.51 3.00 0.00	65.91 2.78 0.00	67.63 2.73 0.00	65.94 2.78 0.00	66.19 2.79 0.00	67.48 2.84 0.00	83.31 3.51 0.00	99.93 4.21 0.00	114.38 5.13 0.00	103.23 4.54 0.00	97.80 4.21 0.00	84.16 3.31 0.00	79.15 3.26 0.00	75.50 2.48 0.00
ROME____115KV_TB2 80656	85.39 3.05 0.00	78.82 2.81 0.00	74.50 2.59 0.00	75.46 2.34 0.00	81.33 2.90 0.00	76.43 2.66 0.00	85.56 3.13 0.00	81.25 3.13 0.00	71.89 2.56 0.00	66.94 2.33 0.00	64.89 2.38 0.00	65.28 2.15 0.00	67.31 2.40 0.00	65.37 2.21 0.00	65.68 2.28 0.00	67.02 2.39 0.00	83.07 3.27 0.00	100.03 4.31 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.61 4.02 0.00	84.00 3.15 0.00	78.85 2.96 0.00	75.72 2.70 0.00
ROSETON___1 23587	85.47 3.13 0.00	78.82 2.81 0.00	74.49 2.58 0.00	75.75 2.63 0.00	81.09 2.67 0.00	76.28 2.51 0.00	85.31 2.88 0.00	80.70 2.57 0.00	71.68 2.36 0.00	67.01 2.39 0.00	64.83 2.31 0.00	65.28 2.15 0.00	67.05 2.14 0.00	65.31 2.15 0.00	65.56 2.16 0.00	66.83 2.20 0.00	82.43 2.63 0.00	98.87 3.15 0.00	113.17 3.93 0.00	102.14 3.45 0.00	96.77 3.18 0.00	83.36 2.51 0.00	78.39 2.50 0.00	74.91 1.90 0.00
ROSETON___2 23588	85.47 3.13 0.00	78.82 2.81 0.00	74.49 2.58 0.00	75.75 2.63 0.00	81.09 2.67 0.00	76.28 2.51 0.00	85.31 2.88 0.00	80.70 2.57 0.00	71.68 2.36 0.00	67.01 2.39 0.00	64.83 2.31 0.00	65.28 2.15 0.00	67.05 2.14 0.00	65.31 2.15 0.00	65.56 2.16 0.00	66.83 2.20 0.00	82.43 2.63 0.00	98.87 3.15 0.00	113.17 3.93 0.00	102.14 3.45 0.00	96.77 3.18 0.00	83.36 2.51 0.00	78.39 2.50 0.00	74.91 1.90 0.00
ROTTRDAM_115KV_TB3 80664	85.31 2.96 0.00	78.67 2.66 0.00	74.43 2.52 0.00	75.68 2.56 0.00	81.01 2.59 0.00	76.28 2.51 0.00	85.31 2.88 0.00	80.71 2.58 0.00	71.47 2.15 0.00	66.68 2.07 0.00	64.51 2.00 0.00	65.15 2.02 0.00	66.85 1.95 0.00	65.12 1.96 0.00	65.37 1.97 0.00	66.64 2.00 0.00	82.43 2.63 0.00	98.88 3.16 0.00	112.96 3.71 0.00	101.94 3.26 0.00	96.68 3.09 0.00	83.36 2.51 0.00	78.32 2.43 0.00	75.14 2.12 0.00
RUSSELL___1 23602	77.65 -4.69 0.00	71.67 -4.33 0.00	68.17 -3.74 0.00	69.17 -3.95 0.00	73.80 -4.63 0.00	70.60 -3.17 0.00	78.30 -4.12 0.00	74.06 -4.06 0.00	65.65 -3.67 0.00	61.45 -3.17 0.00	59.32 -3.19 0.00	59.91 -3.22 0.00	61.86 -3.05 0.00	59.94 -3.22 0.00	60.29 -3.11 0.00	61.34 -3.30 0.00	75.33 -4.47 0.00	91.32 -4.40 0.00	103.89 -5.35 0.00	93.65 -5.03 0.00	89.47 -4.12 0.00	76.89 -3.96 0.00	72.85 -3.04 0.00	70.61 -2.41 0.00
RUSSELL___2 23532	77.65 -4.69 0.00	71.67 -4.33 0.00	68.17 -3.74 0.00	69.17 -3.95 0.00	73.80 -4.63 0.00	70.60 -3.17 0.00	78.30 -4.12 0.00	74.06 -4.06 0.00	65.65 -3.67 0.00	61.45 -3.17 0.00	59.32 -3.19 0.00	59.91 -3.22 0.00	61.86 -3.05 0.00	59.94 -3.22 0.00	60.29 -3.11 0.00	61.34 -3.30 0.00	75.33 -4.47 0.00	91.32 -4.40 0.00	103.89 -5.35 0.00	93.65 -5.03 0.00	89.47 -4.12 0.00	76.89 -3.96 0.00	72.85 -3.04 0.00	70.61 -2.41 0.00
RUSSELL___3 23549	77.65 -4.69 0.00	71.67 -4.33 0.00	68.17 -3.74 0.00	69.17 -3.95 0.00	73.80 -4.63 0.00	70.60 -3.17 0.00	78.30 -4.12 0.00	74.06 -4.06 0.00	65.65 -3.67 0.00	61.45 -3.17 0.00	59.32 -3.19 0.00	59.91 -3.22 0.00	61.86 -3.05 0.00	59.94 -3.22 0.00	60.29 -3.11 0.00	61.34 -3.30 0.00	75.33 -4.47 0.00	91.32 -4.40 0.00	103.89 -5.35 0.00	93.65 -5.03 0.00	89.47 -4.12 0.00	76.89 -3.96 0.00	72.85 -3.04 0.00	70.61 -2.41 0.00
RUSSELL___4 23556	77.65 -4.69 0.00	71.67 -4.33 0.00	68.17 -3.74 0.00	69.17 -3.95 0.00	73.80 -4.63 0.00	70.60 -3.17 0.00	78.30 -4.12 0.00	74.06 -4.06 0.00	65.65 -3.67 0.00	61.45 -3.17 0.00	59.32 -3.19 0.00	59.91 -3.22 0.00	61.86 -3.05 0.00	59.94 -3.22 0.00	60.29 -3.11 0.00	61.34 -3.30 0.00	75.33 -4.47 0.00	91.32 -4.40 0.00	103.89 -5.35 0.00	93.65 -5.03 0.00	89.47 -4.12 0.00	76.89 -3.96 0.00	72.85 -3.04 0.00	70.61 -2.41 0.00
RUSSELL___STATION 23914	77.65 -4.69 0.00	71.67 -4.33 0.00	68.17 -3.74 0.00	69.17 -3.95 0.00	73.80 -4.63 0.00	70.60 -3.17 0.00	78.30 -4.12 0.00	74.06 -4.06 0.00	65.65 -3.67 0.00	61.45 -3.17 0.00	59.32 -3.19 0.00	59.91 -3.22 0.00	61.86 -3.05 0.00	59.94 -3.22 0.00	60.29 -3.11 0.00	61.34 -3.30 0.00	75.33 -4.47 0.00	91.32 -4.40 0.00	103.89 -5.35 0.00	93.65 -5.03 0.00	89.47 -4.12 0.00	76.89 -3.96 0.00	72.85 -3.04 0.00	70.61 -2.41 0.00
S SALMON___HYD 24043	82.34 0.00 0.00	75.93 -0.08 0.00	71.77 -0.14 0.00	72.68 -0.44 0.00	78.19 -0.23 0.00	73.55 -0.22 0.00	82.10 -0.33 0.00	77.97 -0.16 0.00	69.11 -0.21 0.00	64.42 -0.19 0.00	62.64 0.13 0.00	63.07 -0.06 0.00	65.04 0.13 0.00	63.16 0.00 0.00	63.46 0.06 0.00	64.83 0.19 0.00	80.12 0.32 0.00	97.06 1.34 0.00	110.66 1.42 0.00	99.77 1.09 0.00	94.62 1.03 0.00	81.66 0.81 0.00	76.57 0.68 0.00	73.53 0.51 0.00
S.PERRY___115KV_TB1 80734	80.20 -2.14 0.00	73.95 -2.05 0.00	70.40 -1.51 0.00	71.37 -1.75 0.00	76.15 -2.27 0.00	73.11 -0.66 0.00	81.27 -1.15 0.00	76.96 -1.17 0.00	68.07 -1.25 0.00	63.39 -1.23 0.00	61.07 -1.44 0.00	61.62 -1.52 0.00	63.74 -1.17 0.00	61.71 -1.45 0.00	62.13 -1.27 0.00	63.47 -1.16 0.00	78.52 -1.28 0.00	95.43 -0.29 0.00	108.81 -0.44 0.00	98.00 -0.69 0.00	93.50 -0.09 0.00	80.20 -0.65 0.00	75.81 -0.08 0.00	73.31 0.29 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	75.26 -7.08 0.00	69.32 -6.69 0.00	66.52 -5.39 0.00	67.34 -5.78 0.00	71.76 -6.67 0.00	69.05 -4.72 0.00	75.91 -6.51 0.00	71.49 -6.64 0.00	63.36 -5.96 0.00	59.51 -5.10 0.00	57.32 -5.19 0.00	58.02 -5.11 0.00	59.84 -5.06 0.00	57.98 -5.18 0.00	58.33 -5.07 0.00	59.20 -5.43 0.00	72.30 -7.50 0.00	87.10 -8.61 0.00	98.76 -10.49 0.00	89.41 -9.28 0.00	86.01 -7.58 0.00	73.74 -7.11 0.00	70.58 -5.31 0.00	69.15 -3.87 0.00

SAWYER___23_KV_LOAD 55526	75.26 -7.08 0.00	69.32 -6.69 0.00	66.52 -5.39 0.00	67.34 -5.78 0.00	71.76 -6.67 0.00	69.05 -4.72 0.00	75.91 -6.51 0.00	71.49 -6.64 0.00	63.36 -5.96 0.00	59.51 -5.10 0.00	57.32 -5.19 0.00	58.02 -5.11 0.00	59.84 -5.06 0.00	57.98 -5.18 0.00	58.33 -5.07 0.00	59.20 -5.43 0.00	72.30 -7.50 0.00	87.10 -8.61 0.00	98.76 -10.49 0.00	89.41 -9.28 0.00	86.01 -7.58 0.00	73.74 -7.11 0.00	70.58 -5.31 0.00	69.15 -3.87 0.00
SELKIRK___I 23801	85.39 3.05 0.00	78.89 2.89 0.00	74.64 2.73 0.00	75.90 2.78 0.00	81.17 2.74 0.00	76.43 2.65 0.00	85.31 2.88 0.00	80.55 2.42 0.00	71.33 2.01 0.00	66.62 2.01 0.00	64.45 1.94 0.00	65.02 1.89 0.00	66.72 1.81 0.00	65.05 1.89 0.00	65.30 1.90 0.00	66.44 1.81 0.00	82.03 2.23 0.00	98.11 2.39 0.00	112.08 2.84 0.00	101.25 2.56 0.00	95.93 2.34 0.00	83.03 2.18 0.00	78.09 2.20 0.00	75.21 2.19 0.00
SELKIRK___II 23799	84.90 2.56 0.00	78.44 2.43 0.00	74.21 2.30 0.00	75.46 2.34 0.00	80.70 2.28 0.00	75.98 2.21 0.00	84.82 2.39 0.00	80.24 2.11 0.00	71.12 1.80 0.00	66.49 1.87 0.00	64.33 1.81 0.00	64.90 1.77 0.00	66.59 1.68 0.00	64.93 1.77 0.00	65.17 1.77 0.00	66.18 1.55 0.00	81.64 1.84 0.00	97.73 2.01 0.00	111.54 2.30 0.00	100.76 2.08 0.00	95.46 1.87 0.00	82.63 1.78 0.00	77.71 1.82 0.00	74.77 1.75 0.00
SENECA OSWGO___HYD 24041	81.19 -1.15 0.00	74.79 -1.22 0.00	70.76 -1.15 0.00	71.81 -1.31 0.00	77.02 -1.41 0.00	72.67 -1.10 0.00	81.10 -1.32 0.00	77.03 -1.09 0.00	68.35 -0.97 0.00	63.84 -0.77 0.00	61.89 -0.63 0.00	62.38 -0.75 0.00	64.32 -0.59 0.00	62.47 -0.69 0.00	62.77 -0.63 0.00	63.99 -0.65 0.00	79.00 -0.80 0.00	96.01 0.29 0.00	109.46 0.22 0.00	98.69 0.00 0.00	93.59 0.00 0.00	80.53 -0.32 0.00	75.51 -0.38 0.00	72.51 -0.51 0.00
SENECA___115KV_TB3 355854	76.50 -5.85 0.00	70.38 -5.62 0.00	67.60 -4.31 0.00	68.37 -4.75 0.00	72.94 -5.49 0.00	70.23 -3.54 0.00	77.32 -5.11 0.00	72.81 -5.31 0.00	64.54 -4.78 0.00	60.61 -4.01 0.00	58.45 -4.06 0.00	59.15 -3.98 0.00	61.01 -3.89 0.00	59.06 -4.11 0.00	59.53 -3.87 0.00	60.43 -4.20 0.00	73.90 -5.91 0.00	89.11 -6.60 0.00	101.05 -8.19 0.00	91.48 -7.20 0.00	87.88 -5.71 0.00	75.27 -5.58 0.00	72.02 -3.87 0.00	70.46 -2.56 0.00
SENECA___ENERGY 23797	79.63 -2.72 0.00	73.34 -2.66 0.00	69.54 -2.37 0.00	70.56 -2.56 0.00	75.53 -2.90 0.00	71.71 -2.07 0.00	79.96 -2.47 0.00	75.79 -2.34 0.00	67.17 -2.15 0.00	62.80 -1.81 0.00	60.76 -1.75 0.00	61.24 -1.89 0.00	63.16 -1.75 0.00	61.33 -1.83 0.00	61.69 -1.71 0.00	62.89 -1.74 0.00	77.48 -2.32 0.00	93.70 -2.01 0.00	106.62 -2.62 0.00	96.32 -2.37 0.00	91.62 -1.97 0.00	78.91 -1.94 0.00	74.22 -1.67 0.00	71.48 -1.54 0.00
SHOEMAKER___GT 23640	84.98 2.63 0.00	78.36 2.36 0.00	74.07 2.16 0.00	75.31 2.19 0.00	80.70 2.28 0.00	75.84 2.06 0.00	84.90 2.47 0.00	80.24 2.11 0.00	71.19 1.87 0.00	66.49 1.87 0.00	64.33 1.81 0.00	64.77 1.64 0.00	66.53 1.62 0.00	64.87 1.71 0.00	65.05 1.65 0.00	66.38 1.75 0.00	82.03 2.23 0.00	98.50 2.78 0.00	112.63 3.39 0.00	101.64 2.96 0.00	96.31 2.72 0.00	82.95 2.10 0.00	77.94 2.05 0.00	74.56 1.54 0.00
SHOEMAKR_138KV_BK 111 55601	84.90 2.55 0.00	78.29 2.28 0.00	74.07 2.16 0.00	75.24 2.12 0.00	80.62 2.20 0.00	75.84 2.07 0.00	84.82 2.39 0.00	80.24 2.11 0.00	71.19 1.87 0.00	66.49 1.87 0.00	64.33 1.81 0.00	64.77 1.64 0.00	66.53 1.62 0.00	64.80 1.64 0.00	65.05 1.65 0.00	66.31 1.68 0.00	81.96 2.15 0.00	98.40 2.68 0.00	112.52 3.28 0.00	101.55 2.86 0.00	96.30 2.71 0.00	82.87 2.02 0.00	77.86 1.97 0.00	74.48 1.46 0.00
SHOREHAM_IC_1 23715	97.78 6.50 -8.93	101.07 5.93 -19.13	88.19 5.40 -10.89	85.16 5.49 -6.55	84.65 5.72 -0.50	95.63 5.46 -16.40	102.78 6.35 -14.01	103.42 5.86 -19.43	84.65 4.92 -10.41	81.67 4.71 -12.34	66.95 4.44 0.00	66.92 3.79 0.00	68.74 3.83 0.00	66.82 3.66 0.00	67.27 3.87 0.00	69.03 4.40 0.00	96.42 5.82 -10.80	139.41 7.47 -36.22	136.73 7.64 -19.84	126.38 6.91 -20.79	117.57 6.93 -17.06	102.70 6.14 -15.70	95.91 5.92 -14.10	93.25 5.18 -15.04
SHOREHAM_IC_2 23716	97.78 6.50 -8.93	101.07 5.93 -19.13	88.19 5.40 -10.89	85.16 5.49 -6.55	84.65 5.72 -0.50	95.63 5.46 -16.40	102.78 6.35 -14.01	103.42 5.86 -19.43	84.65 4.92 -10.41	81.67 4.71 -12.34	66.95 4.44 0.00	66.92 3.79 0.00	68.74 3.83 0.00	66.82 3.66 0.00	67.27 3.87 0.00	69.03 4.40 0.00	96.42 5.82 -10.80	139.41 7.47 -36.22	136.73 7.64 -19.84	126.38 6.91 -20.79	117.57 6.93 -17.06	102.70 6.14 -15.70	95.91 5.92 -14.10	93.25 5.18 -15.04
SISSONVILLE___ 23735	83.74 1.40 0.00	77.53 1.52 0.00	73.28 1.37 0.00	74.66 1.54 0.00	80.54 2.12 0.00	74.88 1.11 0.00	83.00 0.58 0.00	79.06 0.94 0.00	70.29 0.97 0.00	65.00 0.39 0.00	63.33 0.81 0.00	64.27 1.14 0.00	66.20 1.30 0.00	64.36 1.20 0.00	64.54 1.14 0.00	66.05 1.42 0.00	81.64 1.84 0.00	96.29 0.57 0.00	109.35 0.11 0.00	98.88 0.20 0.00	93.78 0.19 0.00	82.39 1.54 0.00	77.71 1.82 0.00	75.28 2.26 0.00
SITHE_IND_GS1 24169	78.39 -3.95 0.00	72.36 -3.65 0.00	68.46 -3.45 0.00	69.54 -3.58 0.00	74.59 -3.84 0.00	70.38 -3.39 0.00	78.55 -3.87 0.00	74.46 -3.67 0.00	66.06 -3.26 0.00	61.64 -2.97 0.00	59.64 -2.87 0.00	60.16 -2.97 0.00	61.99 -2.92 0.00	60.19 -2.97 0.00	60.48 -2.92 0.00	61.66 -2.97 0.00	76.05 -3.75 0.00	91.89 -3.83 0.00	104.76 -4.48 0.00	94.64 -4.05 0.00	89.84 -3.75 0.00	77.46 -3.39 0.00	72.77 -3.11 0.00	70.02 -3.00 0.00
SITHE_IND_GS2 24170	78.39 -3.95 0.00	72.36 -3.65 0.00	68.46 -3.45 0.00	69.54 -3.58 0.00	74.59 -3.84 0.00	70.38 -3.39 0.00	78.55 -3.87 0.00	74.46 -3.67 0.00	66.06 -3.26 0.00	61.64 -2.97 0.00	59.64 -2.87 0.00	60.16 -2.97 0.00	61.99 -2.92 0.00	60.19 -2.97 0.00	60.48 -2.92 0.00	61.66 -2.97 0.00	76.05 -3.75 0.00	91.89 -3.83 0.00	104.76 -4.48 0.00	94.64 -4.05 0.00	89.84 -3.75 0.00	77.46 -3.39 0.00	72.77 -3.11 0.00	70.02 -3.00 0.00
SITHE_IND_GS3 24171	78.39 -3.95 0.00	72.36 -3.65 0.00	68.46 -3.45 0.00	69.54 -3.58 0.00	74.59 -3.84 0.00	70.38 -3.39 0.00	78.55 -3.87 0.00	74.46 -3.67 0.00	66.06 -3.26 0.00	61.64 -2.97 0.00	59.64 -2.87 0.00	60.16 -2.97 0.00	61.99 -2.92 0.00	60.19 -2.97 0.00	60.48 -2.92 0.00	61.66 -2.97 0.00	76.05 -3.75 0.00	91.89 -3.83 0.00	104.76 -4.48 0.00	94.64 -4.05 0.00	89.84 -3.75 0.00	77.46 -3.39 0.00	72.77 -3.11 0.00	70.02 -3.00 0.00
SITHE_IND_GS4 24172	78.39 -3.95 0.00	72.36 -3.65 0.00	68.46 -3.45 0.00	69.54 -3.58 0.00	74.59 -3.84 0.00	70.38 -3.39 0.00	78.55 -3.87 0.00	74.46 -3.67 0.00	66.06 -3.26 0.00	61.64 -2.97 0.00	59.64 -2.87 0.00	60.16 -2.97 0.00	61.99 -2.92 0.00	60.19 -2.97 0.00	60.48 -2.92 0.00	61.66 -2.97 0.00	76.05 -3.75 0.00	91.89 -3.83 0.00	104.76 -4.48 0.00	94.64 -4.05 0.00	89.84 -3.75 0.00	77.46 -3.39 0.00	72.77 -3.11 0.00	70.02 -3.00 0.00

SITHE___BATAVIA 24024	76.74 -5.60 0.00	70.76 -5.24 0.00	67.67 -4.24 0.00	68.59 -4.53 0.00	72.93 -5.49 0.00	70.38 -3.39 0.00	77.64 -4.78 0.00	73.28 -4.84 0.00	64.88 -4.44 0.00	60.80 -3.81 0.00	58.70 -3.82 0.00	59.16 -3.98 0.00	61.08 -3.83 0.00	59.12 -4.04 0.00	59.53 -3.87 0.00	60.49 -4.14 0.00	74.21 -5.59 0.00	89.78 -5.93 0.00	102.03 -7.21 0.00	91.97 -6.71 0.00	88.35 -5.24 0.00	75.76 -5.09 0.00	72.25 -3.64 0.00	70.46 -2.56 0.00
SITHE___INDEPEND 23800	78.39 -3.95 0.00	72.36 -3.65 0.00	68.46 -3.45 0.00	69.54 -3.58 0.00	74.58 -3.84 0.00	70.38 -3.39 0.00	78.55 -3.87 0.00	74.46 -3.67 0.00	66.06 -3.26 0.00	61.64 -2.97 0.00	59.64 -2.88 0.00	60.16 -2.97 0.00	61.99 -2.92 0.00	60.19 -2.97 0.00	60.48 -2.92 0.00	61.66 -2.97 0.00	76.05 -3.75 0.00	91.89 -3.83 0.00	104.76 -4.48 0.00	94.64 -4.05 0.00	89.85 -3.74 0.00	77.45 -3.40 0.00	72.78 -3.11 0.00	70.03 -2.99 0.00
SITHE___MASSENA 23902	83.49 1.15 0.00	77.22 1.21 0.00	72.99 1.08 0.00	74.51 1.39 0.00	80.15 1.72 0.00	74.95 1.18 0.00	83.49 1.07 0.00	79.37 1.25 0.00	70.57 1.25 0.00	65.39 0.78 0.00	63.32 0.81 0.00	64.14 1.01 0.00	66.01 1.10 0.00	64.23 1.07 0.00	64.41 1.01 0.00	65.80 1.16 0.00	81.40 1.60 0.00	96.58 0.86 0.00	110.11 0.87 0.00	99.57 0.89 0.00	94.43 0.84 0.00	82.55 1.70 0.00	77.48 1.60 0.00	74.91 1.90 0.00
SITHE___OGDNSBRG 24021	85.06 2.72 0.00	78.74 2.74 0.00	74.35 2.44 0.00	75.75 2.63 0.00	81.80 3.37 0.00	76.13 2.36 0.00	84.73 2.31 0.00	80.71 2.58 0.00	71.61 2.29 0.00	66.16 1.55 0.00	64.20 1.69 0.00	65.02 1.89 0.00	66.92 2.01 0.00	65.12 1.96 0.00	65.30 1.90 0.00	66.89 2.26 0.00	82.91 3.11 0.00	98.30 2.58 0.00	111.86 2.62 0.00	101.15 2.47 0.00	95.84 2.25 0.00	84.00 3.15 0.00	78.92 3.04 0.00	76.38 3.36 0.00
SITHE___STERLING 23777	84.32 1.97 0.00	77.83 1.82 0.00	73.63 1.72 0.00	74.66 1.54 0.00	80.31 1.88 0.00	75.62 1.85 0.00	84.57 2.14 0.00	80.31 2.18 0.00	71.12 1.80 0.00	66.23 1.62 0.00	64.20 1.69 0.00	64.58 1.45 0.00	66.53 1.62 0.00	64.67 1.51 0.00	64.99 1.59 0.00	66.25 1.62 0.00	81.96 2.16 0.00	98.78 3.06 0.00	112.63 3.39 0.00	101.64 2.96 0.00	96.39 2.81 0.00	82.95 2.10 0.00	77.86 1.97 0.00	74.85 1.83 0.00
SLEIGHT__34_KV_TB1 80719	78.31 -4.03 0.00	72.21 -3.80 0.00	68.53 -3.38 0.00	69.54 -3.58 0.00	74.35 -4.08 0.00	70.75 -3.02 0.00	78.72 -3.71 0.00	74.61 -3.52 0.00	66.20 -3.12 0.00	61.83 -2.78 0.00	59.76 -2.75 0.00	60.35 -2.78 0.00	62.31 -2.60 0.00	60.38 -2.78 0.00	60.74 -2.66 0.00	61.79 -2.84 0.00	76.13 -3.67 0.00	92.27 -3.45 0.00	104.98 -4.26 0.00	94.64 -4.05 0.00	90.13 -3.46 0.00	77.54 -3.31 0.00	73.16 -2.73 0.00	70.61 -2.41 0.00
SOUTH CAIRO___GT 23612	88.35 6.01 0.00	81.86 5.85 0.00	77.59 5.68 0.00	78.82 5.70 0.00	84.23 5.80 0.00	79.31 5.53 0.00	88.44 6.02 0.00	83.21 5.08 0.00	73.69 4.37 0.00	68.49 3.88 0.00	66.08 3.56 0.00	66.41 3.28 0.00	68.22 3.31 0.00	66.57 3.41 0.00	66.89 3.49 0.00	68.25 3.62 0.00	84.67 4.87 0.00	101.56 5.84 0.00	116.02 6.77 0.00	104.71 6.02 0.00	99.11 5.52 0.00	85.70 4.85 0.00	80.59 4.71 0.00	77.62 4.60 0.00
SOUTH HAMPTN___IC 23720	98.03 6.75 -8.93	101.22 6.08 -19.13	88.33 5.54 -10.89	85.38 5.71 -6.55	84.88 5.96 -0.50	95.85 5.68 -16.40	103.11 6.67 -14.01	103.65 6.10 -19.43	84.86 5.13 -10.41	81.86 4.91 -12.34	67.02 4.50 0.00	66.92 3.79 0.00	68.74 3.83 0.00	66.76 3.60 0.00	67.27 3.87 0.00	69.03 4.40 0.00	96.42 5.82 -10.80	139.41 7.47 -36.22	137.28 8.20 -19.84	127.08 7.60 -20.79	118.14 7.49 -17.06	103.18 6.63 -15.70	96.43 6.45 -14.10	93.97 5.91 -15.04
SOUTHDOW_115KV_TB1 355954	79.05 -3.29 0.00	72.59 -3.42 0.00	69.90 -2.01 0.00	70.71 -2.41 0.00	75.52 -2.90 0.00	73.04 -0.74 0.00	80.53 -1.90 0.00	76.17 -1.95 0.00	67.45 -1.87 0.00	63.58 -1.03 0.00	61.39 -1.13 0.00	62.12 -1.01 0.00	64.06 -0.84 0.00	61.96 -1.20 0.00	62.51 -0.89 0.00	63.66 -0.97 0.00	78.05 -1.76 0.00	94.09 -1.63 0.00	107.06 -2.18 0.00	96.81 -1.88 0.00	92.65 -0.94 0.00	78.99 -1.86 0.00	75.36 -0.53 0.00	73.24 0.22 0.00
SOUTHOLD_69_KV_BK 2 55809	98.03 6.75 -8.93	101.30 6.16 -19.13	88.33 5.54 -10.89	85.37 5.70 -6.55	84.81 5.88 -0.50	95.85 5.68 -16.40	103.19 6.76 -14.01	103.73 6.17 -19.43	84.93 5.20 -10.41	81.99 5.04 -12.34	66.89 4.38 0.00	66.73 3.60 0.00	68.54 3.63 0.00	66.51 3.35 0.00	67.01 3.61 0.00	68.83 4.20 0.00	96.10 5.51 -10.80	139.21 7.27 -36.22	137.60 8.52 -19.84	127.57 8.09 -20.79	118.79 8.14 -17.06	103.83 7.28 -15.70	97.20 7.21 -14.10	95.00 6.94 -15.04
SOUTHOLD___IC 23719	98.03 6.75 -8.93	101.29 6.15 -19.13	88.33 5.54 -10.89	85.38 5.71 -6.55	84.81 5.88 -0.50	95.85 5.68 -16.40	103.19 6.76 -14.01	103.73 6.17 -19.43	85.00 5.27 -10.41	81.99 5.04 -12.34	66.82 4.31 0.00	66.73 3.60 0.00	68.54 3.63 0.00	66.51 3.35 0.00	67.01 3.61 0.00	68.83 4.20 0.00	96.10 5.50 -10.80	139.31 7.37 -36.22	137.71 8.63 -19.84	127.67 8.19 -20.79	118.78 8.14 -17.06	103.83 7.28 -15.70	97.20 7.21 -14.10	95.00 6.94 -15.04
SOUTH_FORK_WT_PWR 323839	97.12 5.85 -8.93	100.46 5.32 -19.13	87.61 4.82 -10.89	84.57 4.90 -6.55	84.02 5.09 -0.50	95.12 4.94 -16.40	102.28 5.85 -14.01	102.94 5.39 -19.43	84.38 4.65 -10.41	81.41 4.45 -12.34	66.14 3.62 0.00	65.97 2.84 0.00	67.76 2.85 0.00	65.75 2.59 0.00	66.19 2.79 0.00	67.99 3.36 0.00	94.98 4.39 -10.80	137.97 6.03 -36.22	136.51 7.43 -19.84	126.88 7.41 -20.79	118.22 7.58 -17.06	103.42 6.87 -15.70	96.96 6.98 -14.10	94.92 6.86 -15.04
SPIERFLS_115KV_TB 1 80737	89.01 6.67 0.00	82.09 6.08 0.00	77.59 5.68 0.00	78.90 5.78 0.00	84.47 6.04 0.00	79.68 5.90 0.00	89.02 6.59 0.00	84.14 6.02 0.00	74.31 4.99 0.00	69.39 4.78 0.00	66.95 4.44 0.00	67.61 4.48 0.00	69.19 4.28 0.00	67.39 4.23 0.00	67.58 4.18 0.00	69.09 4.46 0.00	85.79 5.99 0.00	102.90 7.18 0.00	117.65 8.41 0.00	106.09 7.40 0.00	100.52 6.93 0.00	86.75 5.90 0.00	81.43 5.54 0.00	78.06 5.04 0.00
ST LAWRENCE____ 23600	82.34 0.00 0.00	76.08 0.08 0.00	71.98 0.07 0.00	73.41 0.29 0.00	78.90 0.47 0.00	73.92 0.15 0.00	82.43 0.00 0.00	78.36 0.24 0.00	69.60 0.28 0.00	64.61 0.00 0.00	62.51 0.00 0.00	63.26 0.13 0.00	65.04 0.13 0.00	63.29 0.13 0.00	63.53 0.13 0.00	64.89 0.26 0.00	80.20 0.40 0.00	95.81 0.10 0.00	109.35 0.11 0.00	98.88 0.20 0.00	93.68 0.09 0.00	81.49 0.64 0.00	76.35 0.46 0.00	73.75 0.73 0.00
STATE_CA_115KV_115_LB 55624	85.47 3.13 0.00	79.05 3.04 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	76.50 2.73 0.00	85.39 2.97 0.00	80.71 2.58 0.00	71.54 2.22 0.00	66.94 2.33 0.00	64.83 2.31 0.00	65.40 2.27 0.00	67.05 2.14 0.00	65.37 2.21 0.00	65.56 2.16 0.00	66.57 1.94 0.00	82.04 2.23 0.00	98.11 2.39 0.00	111.86 2.62 0.00	101.05 2.37 0.00	95.74 2.15 0.00	83.03 2.18 0.00	78.09 2.20 0.00	75.28 2.26 0.00

STATE_ST_34_KV_LOAD 55959	80.78 -1.56 0.00	74.49 -1.52 0.00	70.47 -1.44 0.00	71.51 -1.61 0.00	76.70 -1.73 0.00	72.59 -1.18 0.00	81.02 -1.40 0.00	76.88 -1.25 0.00	68.21 -1.11 0.00	63.71 -0.90 0.00	61.64 -0.88 0.00	62.18 -0.95 0.00	64.06 -0.84 0.00	62.21 -0.95 0.00	62.58 -0.82 0.00	63.79 -0.84 0.00	78.76 -1.04 0.00	95.43 -0.29 0.00	108.70 -0.55 0.00	98.09 -0.59 0.00	93.12 -0.47 0.00	80.12 -0.73 0.00	75.13 -0.76 0.00	72.22 -0.80 0.00
STATION 5_MISC_HYD 23604	77.32 -5.03 0.00	71.29 -4.71 0.00	67.88 -4.03 0.00	68.81 -4.31 0.00	73.49 -4.94 0.00	70.23 -3.54 0.00	77.89 -4.53 0.00	73.68 -4.45 0.00	65.30 -4.02 0.00	61.06 -3.55 0.00	59.07 -3.44 0.00	59.60 -3.53 0.00	61.53 -3.38 0.00	59.63 -3.54 0.00	59.91 -3.49 0.00	60.95 -3.68 0.00	74.85 -4.95 0.00	90.64 -5.08 0.00	103.13 -6.12 0.00	92.96 -5.73 0.00	88.91 -4.68 0.00	76.40 -4.45 0.00	72.40 -3.49 0.00	70.24 -2.77 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	79.05 -3.29 0.00	72.89 -3.12 0.00	69.18 -2.73 0.00	70.20 -2.92 0.00	74.98 -3.45 0.00	71.56 -2.21 0.00	79.62 -2.80 0.00	75.39 -2.73 0.00	66.83 -2.50 0.00	62.48 -2.13 0.00	60.39 -2.13 0.00	60.92 -2.21 0.00	62.89 -2.01 0.00	60.95 -2.21 0.00	61.31 -2.09 0.00	62.43 -2.20 0.00	76.85 -2.95 0.00	93.13 -2.58 0.00	105.97 -3.28 0.00	95.63 -3.06 0.00	91.06 -2.53 0.00	78.34 -2.51 0.00	73.91 -1.97 0.00	71.41 -1.61 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	77.07 -5.27 0.00	71.07 -4.94 0.00	67.60 -4.31 0.00	68.59 -4.53 0.00	73.25 -5.18 0.00	69.94 -3.84 0.00	77.65 -4.78 0.00	73.44 -4.69 0.00	65.09 -4.23 0.00	60.93 -3.68 0.00	58.82 -3.69 0.00	59.41 -3.72 0.00	61.34 -3.57 0.00	59.43 -3.73 0.00	59.72 -3.68 0.00	60.82 -3.81 0.00	74.69 -5.11 0.00	90.45 -5.26 0.00	102.91 -6.34 0.00	92.86 -5.82 0.00	88.63 -4.96 0.00	76.24 -4.61 0.00	72.17 -3.72 0.00	69.95 -3.07 0.00
STA_56___34_KV_BUS2 355983	77.07 -5.27 0.00	71.07 -4.94 0.00	67.60 -4.31 0.00	68.59 -4.53 0.00	73.25 -5.18 0.00	69.94 -3.84 0.00	77.65 -4.78 0.00	73.44 -4.69 0.00	65.09 -4.23 0.00	60.93 -3.68 0.00	58.82 -3.69 0.00	59.41 -3.72 0.00	61.34 -3.57 0.00	59.43 -3.73 0.00	59.72 -3.68 0.00	60.82 -3.81 0.00	74.69 -5.11 0.00	90.45 -5.26 0.00	102.91 -6.34 0.00	92.86 -5.82 0.00	88.63 -4.96 0.00	76.24 -4.61 0.00	72.17 -3.72 0.00	69.95 -3.07 0.00
STA_67___115KV_BK2 355882	77.16 -5.19 0.00	71.14 -4.86 0.00	67.74 -4.17 0.00	68.73 -4.39 0.00	73.33 -5.10 0.00	70.08 -3.69 0.00	77.73 -4.70 0.00	73.44 -4.69 0.00	65.16 -4.16 0.00	60.93 -3.68 0.00	58.82 -3.69 0.00	59.41 -3.72 0.00	61.34 -3.57 0.00	59.43 -3.73 0.00	59.79 -3.61 0.00	60.82 -3.81 0.00	74.69 -5.11 0.00	90.36 -5.36 0.00	102.80 -6.45 0.00	92.76 -5.92 0.00	88.63 -4.96 0.00	76.24 -4.61 0.00	72.24 -3.64 0.00	70.03 -2.99 0.00
STA_7___115KV_9TRANS 80674	77.65 -4.69 0.00	71.67 -4.33 0.00	68.17 -3.74 0.00	69.17 -3.95 0.00	73.80 -4.63 0.00	70.60 -3.17 0.00	78.30 -4.12 0.00	74.06 -4.06 0.00	65.65 -3.67 0.00	61.45 -3.17 0.00	59.32 -3.19 0.00	59.91 -3.22 0.00	61.86 -3.05 0.00	59.94 -3.22 0.00	60.29 -3.11 0.00	61.34 -3.30 0.00	75.33 -4.47 0.00	91.32 -4.40 0.00	103.89 -5.35 0.00	93.65 -5.03 0.00	89.47 -4.12 0.00	76.89 -3.96 0.00	72.85 -3.04 0.00	70.61 -2.41 0.00
STA_82___115KV_TB1 80780	77.16 -5.19 0.00	71.22 -4.79 0.00	67.74 -4.17 0.00	68.73 -4.39 0.00	73.33 -5.10 0.00	70.08 -3.69 0.00	77.73 -4.70 0.00	73.52 -4.61 0.00	65.16 -4.16 0.00	60.99 -3.62 0.00	58.82 -3.69 0.00	59.47 -3.66 0.00	61.40 -3.50 0.00	59.50 -3.66 0.00	59.79 -3.61 0.00	60.82 -3.81 0.00	74.69 -5.11 0.00	90.45 -5.26 0.00	102.80 -6.45 0.00	92.76 -5.92 0.00	88.63 -4.96 0.00	76.24 -4.61 0.00	72.24 -3.64 0.00	70.10 -2.92 0.00
STEEL___WIND 323596	76.34 -6.01 0.00	70.23 -5.78 0.00	67.45 -4.46 0.00	68.29 -4.83 0.00	72.78 -5.65 0.00	70.09 -3.69 0.00	77.15 -5.28 0.00	72.74 -5.39 0.00	64.40 -4.92 0.00	60.48 -4.14 0.00	58.51 -4.00 0.00	59.09 -4.04 0.00	60.88 -4.02 0.00	58.99 -4.17 0.00	59.41 -3.99 0.00	60.36 -4.27 0.00	73.81 -5.99 0.00	88.92 -6.79 0.00	100.94 -8.31 0.00	91.28 -7.40 0.00	87.79 -5.80 0.00	75.19 -5.66 0.00	71.94 -3.95 0.00	70.32 -2.70 0.00
STEPHTWN_115KV_BK_2 55603	86.21 3.87 0.00	79.81 3.80 0.00	75.43 3.52 0.00	76.70 3.58 0.00	81.96 3.53 0.00	77.24 3.47 0.00	86.22 3.79 0.00	81.49 3.36 0.00	72.16 2.84 0.00	67.46 2.84 0.00	65.33 2.81 0.00	65.91 2.78 0.00	67.50 2.60 0.00	65.81 2.65 0.00	66.06 2.66 0.00	67.09 2.46 0.00	82.83 3.03 0.00	98.97 3.25 0.00	112.96 3.71 0.00	102.04 3.36 0.00	96.68 3.09 0.00	83.76 2.91 0.00	78.77 2.88 0.00	75.94 2.92 0.00
STEUBEN_REC_LFGE 323667	79.21 -3.13 0.00	72.89 -3.12 0.00	69.68 -2.23 0.00	70.41 -2.71 0.00	75.45 -2.98 0.00	72.37 -1.40 0.00	80.37 -2.06 0.00	76.10 -2.03 0.00	67.45 -1.87 0.00	63.06 -1.55 0.00	60.89 -1.63 0.00	61.68 -1.45 0.00	63.80 -1.10 0.00	61.90 -1.26 0.00	62.32 -1.08 0.00	63.66 -0.97 0.00	78.52 -1.28 0.00	95.14 -0.57 0.00	108.15 -1.09 0.00	97.70 -0.99 0.00	93.22 -0.37 0.00	79.80 -1.05 0.00	75.43 -0.46 0.00	72.87 -0.15 0.00
STILLWATER___SOLAR 323814	87.69 5.35 0.00	80.87 4.87 0.00	76.52 4.61 0.00	77.73 4.61 0.00	83.21 4.78 0.00	78.42 4.65 0.00	87.62 5.20 0.00	82.81 4.69 0.00	73.27 3.95 0.00	68.42 3.81 0.00	66.07 3.56 0.00	66.73 3.60 0.00	68.41 3.50 0.00	66.63 3.47 0.00	66.88 3.48 0.00	68.25 3.62 0.00	84.59 4.79 0.00	101.46 5.74 0.00	115.91 6.66 0.00	104.61 5.92 0.00	99.20 5.61 0.00	85.54 4.69 0.00	80.36 4.48 0.00	77.03 4.01 0.00
STONY___BROOK 24151	97.78 6.50 -8.93	100.99 5.85 -19.13	88.19 5.40 -10.89	85.16 5.49 -6.55	84.65 5.72 -0.50	95.56 5.38 -16.40	102.69 6.26 -14.01	103.34 5.78 -19.43	84.73 4.99 -10.41	81.80 4.85 -12.34	67.14 4.63 0.00	67.17 4.04 0.00	69.00 4.09 0.00	67.08 3.92 0.00	67.52 4.12 0.00	69.29 4.66 0.00	96.58 5.99 -10.80	139.41 7.47 -36.22	137.61 8.53 -19.84	127.08 7.60 -20.79	117.85 7.21 -17.06	102.62 6.07 -15.70	95.75 5.76 -14.10	93.10 5.03 -15.04
STURGEON_POOL_HYD 23609	85.72 3.38 0.00	79.05 3.04 0.00	74.79 2.88 0.00	75.97 2.85 0.00	81.41 2.98 0.00	76.50 2.73 0.00	85.64 3.21 0.00	80.94 2.81 0.00	71.96 2.63 0.00	67.13 2.52 0.00	64.89 2.38 0.00	65.28 2.15 0.00	67.11 2.21 0.00	65.43 2.27 0.00	65.62 2.22 0.00	66.96 2.33 0.00	82.75 2.95 0.00	99.45 3.73 0.00	113.72 4.48 0.00	102.73 4.05 0.00	97.33 3.74 0.00	83.76 2.91 0.00	78.70 2.81 0.00	75.06 2.04 0.00
ST_LAW_115_BK7_LBMP 345037	82.34 0.00 0.00	76.16 0.15 0.00	72.05 0.14 0.00	73.49 0.37 0.00	78.98 0.55 0.00	73.92 0.15 0.00	82.51 0.08 0.00	78.44 0.31 0.00	69.67 0.35 0.00	64.61 0.00 0.00	62.51 0.00 0.00	63.32 0.19 0.00	65.10 0.20 0.00	63.35 0.19 0.00	63.53 0.13 0.00	64.96 0.32 0.00	80.28 0.48 0.00	95.81 0.10 0.00	109.35 0.11 0.00	98.88 0.20 0.00	93.68 0.09 0.00	81.58 0.73 0.00	76.42 0.53 0.00	73.82 0.80 0.00

ST_LAW_115_BK8_LBMP 345038	82.34 0.00 0.00	76.16 0.15 0.00	72.05 0.14 0.00	73.49 0.37 0.00	78.98 0.55 0.00	73.92 0.15 0.00	82.51 0.08 0.00	78.44 0.31 0.00	69.67 0.35 0.00	64.61 0.00 0.00	62.51 0.00 0.00	63.32 0.19 0.00	65.10 0.20 0.00	63.35 0.19 0.00	63.53 0.13 0.00	64.96 0.32 0.00	80.28 0.48 0.00	95.81 0.10 0.00	109.35 0.11 0.00	98.88 0.20 0.00	93.68 0.09 0.00	81.58 0.73 0.00	76.42 0.53 0.00	73.82 0.80 0.00
ST_LAW_230_BK5_LBMP 345035	82.34 0.00 0.00	76.08 0.08 0.00	71.98 0.07 0.00	73.41 0.29 0.00	78.90 0.47 0.00	73.92 0.15 0.00	82.43 0.00 0.00	78.36 0.24 0.00	69.60 0.28 0.00	64.61 0.00 0.00	62.51 0.00 0.00	63.26 0.13 0.00	65.04 0.13 0.00	63.29 0.13 0.00	63.53 0.13 0.00	64.89 0.26 0.00	80.20 0.40 0.00	95.81 0.10 0.00	109.35 0.11 0.00	98.88 0.20 0.00	93.68 0.09 0.00	81.49 0.64 0.00	76.35 0.46 0.00	73.75 0.73 0.00
ST_LAW_230_BK6_LBMP 345036	82.34 0.00 0.00	76.08 0.08 0.00	71.98 0.07 0.00	73.41 0.29 0.00	78.90 0.47 0.00	73.92 0.15 0.00	82.43 0.00 0.00	78.36 0.24 0.00	69.60 0.28 0.00	64.61 0.00 0.00	62.51 0.00 0.00	63.26 0.13 0.00	65.04 0.13 0.00	63.29 0.13 0.00	63.53 0.13 0.00	64.89 0.26 0.00	80.20 0.40 0.00	95.81 0.10 0.00	109.35 0.11 0.00	98.88 0.20 0.00	93.68 0.09 0.00	81.49 0.64 0.00	76.35 0.46 0.00	73.75 0.73 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	85.22 2.88 0.00	78.51 2.51 0.00	74.21 2.30 0.00	75.46 2.34 0.00	80.86 2.43 0.00	75.99 2.21 0.00	85.06 2.64 0.00	80.39 2.27 0.00	71.40 2.08 0.00	66.68 2.07 0.00	64.51 2.00 0.00	64.96 1.83 0.00	66.72 1.82 0.00	65.06 1.89 0.00	65.24 1.84 0.00	66.51 1.87 0.00	82.11 2.31 0.00	98.59 2.87 0.00	112.85 3.61 0.00	101.84 3.16 0.00	96.49 2.90 0.00	83.03 2.18 0.00	78.01 2.12 0.00	74.55 1.53 0.00
SWANROAD_115KV_TB1 355699	73.28 -9.06 0.00	67.57 -8.44 0.00	64.86 -7.05 0.00	65.66 -7.46 0.00	69.88 -8.55 0.00	67.28 -6.49 0.00	73.94 -8.49 0.00	69.53 -8.59 0.00	61.63 -7.69 0.00	57.89 -6.72 0.00	55.76 -6.75 0.00	56.44 -6.69 0.00	58.22 -6.69 0.00	56.34 -6.82 0.00	56.74 -6.66 0.00	57.52 -7.11 0.00	70.14 -9.66 0.00	84.52 -11.20 0.00	95.70 -13.55 0.00	86.65 -12.04 0.00	83.48 -10.11 0.00	71.55 -9.30 0.00	68.68 -7.21 0.00	67.40 -5.62 0.00
SYNERGY___BIOGAS 323694	76.74 -5.60 0.00	70.76 -5.24 0.00	67.67 -4.24 0.00	68.59 -4.53 0.00	72.93 -5.49 0.00	70.38 -3.39 0.00	77.64 -4.78 0.00	73.28 -4.84 0.00	64.88 -4.44 0.00	60.80 -3.81 0.00	58.70 -3.82 0.00	59.16 -3.98 0.00	61.08 -3.83 0.00	59.12 -4.04 0.00	59.53 -3.87 0.00	60.49 -4.14 0.00	74.21 -5.59 0.00	89.78 -5.93 0.00	102.03 -7.21 0.00	91.97 -6.71 0.00	88.35 -5.24 0.00	75.76 -5.09 0.00	72.25 -3.64 0.00	70.46 -2.56 0.00
SYRACUSE___ENERGY_ST1 323597	80.70 -1.65 0.00	74.41 -1.60 0.00	70.40 -1.51 0.00	71.44 -1.68 0.00	76.62 -1.80 0.00	72.30 -1.48 0.00	80.78 -1.65 0.00	76.56 -1.56 0.00	67.94 -1.39 0.00	63.45 -1.16 0.00	61.45 -1.06 0.00	61.99 -1.14 0.00	63.87 -1.04 0.00	62.02 -1.14 0.00	62.39 -1.01 0.00	63.53 -1.10 0.00	78.44 -1.36 0.00	95.05 -0.67 0.00	108.37 -0.87 0.00	97.80 -0.89 0.00	92.75 -0.84 0.00	79.88 -0.97 0.00	74.98 -0.91 0.00	72.07 -0.95 0.00
SYRACUSE___ENERGY_ST2 323598	80.70 -1.65 0.00	74.41 -1.60 0.00	70.40 -1.51 0.00	71.44 -1.68 0.00	76.62 -1.80 0.00	72.30 -1.48 0.00	80.78 -1.65 0.00	76.56 -1.56 0.00	67.94 -1.39 0.00	63.45 -1.16 0.00	61.45 -1.06 0.00	61.99 -1.14 0.00	63.87 -1.04 0.00	62.02 -1.14 0.00	62.39 -1.01 0.00	63.53 -1.10 0.00	78.44 -1.36 0.00	95.05 -0.67 0.00	108.37 -0.87 0.00	97.80 -0.89 0.00	92.75 -0.84 0.00	79.88 -0.97 0.00	74.98 -0.91 0.00	72.07 -0.95 0.00
SYRACUSE___POWER 24017	80.28 -2.06 0.00	74.03 -1.98 0.00	70.11 -1.80 0.00	71.15 -1.97 0.00	76.23 -2.20 0.00	72.00 -1.77 0.00	80.37 -2.06 0.00	76.25 -1.88 0.00	67.66 -1.66 0.00	63.19 -1.42 0.00	61.14 -1.38 0.00	61.68 -1.45 0.00	63.54 -1.36 0.00	61.77 -1.39 0.00	62.07 -1.33 0.00	63.21 -1.42 0.00	78.05 -1.76 0.00	94.57 -1.15 0.00	107.93 -1.31 0.00	97.30 -1.38 0.00	92.37 -1.22 0.00	79.56 -1.29 0.00	74.67 -1.21 0.00	71.78 -1.24 0.00
TALLMAN___138KV_BK151 55660	85.39 3.05 0.00	78.74 2.74 0.00	74.43 2.52 0.00	75.68 2.56 0.00	81.01 2.59 0.00	76.13 2.36 0.00	85.23 2.80 0.00	80.55 2.42 0.00	71.47 2.15 0.00	66.81 2.20 0.00	64.70 2.19 0.00	65.09 1.96 0.00	66.85 1.95 0.00	65.18 2.02 0.00	65.37 1.97 0.00	66.64 2.00 0.00	82.27 2.47 0.00	98.69 2.97 0.00	112.96 3.71 0.00	101.94 3.26 0.00	96.58 2.99 0.00	83.11 2.26 0.00	78.16 2.28 0.00	74.63 1.61 0.00
TEALLAVE_115KV_TB7 355573	79.79 -2.55 0.00	73.57 -2.43 0.00	69.68 -2.23 0.00	70.71 -2.41 0.00	75.84 -2.59 0.00	71.63 -2.14 0.00	79.95 -2.47 0.00	75.78 -2.34 0.00	67.24 -2.08 0.00	62.80 -1.81 0.00	60.76 -1.75 0.00	61.30 -1.83 0.00	63.15 -1.75 0.00	61.33 -1.83 0.00	61.69 -1.71 0.00	62.82 -1.81 0.00	77.49 -2.31 0.00	94.00 -1.72 0.00	107.17 -2.08 0.00	96.71 -1.97 0.00	91.81 -1.78 0.00	79.07 -1.78 0.00	74.22 -1.67 0.00	71.41 -1.61 0.00
TELGRAPH_34_KV_EAST 80808	75.34 -7.00 0.00	69.47 -6.54 0.00	66.52 -5.39 0.00	67.34 -5.78 0.00	71.76 -6.67 0.00	69.13 -4.65 0.00	76.08 -6.35 0.00	71.72 -6.41 0.00	63.57 -5.75 0.00	59.64 -4.98 0.00	57.45 -5.06 0.00	58.08 -5.05 0.00	59.97 -4.93 0.00	58.04 -5.12 0.00	58.39 -5.01 0.00	59.33 -5.30 0.00	72.54 -7.26 0.00	87.58 -8.14 0.00	99.30 -9.94 0.00	89.80 -8.88 0.00	86.29 -7.30 0.00	73.98 -6.87 0.00	70.73 -5.16 0.00	69.22 -3.80 0.00
TEMPLE___115KV_TB 2 55572	79.79 -2.55 0.00	73.57 -2.43 0.00	69.68 -2.23 0.00	70.71 -2.41 0.00	75.84 -2.59 0.00	71.63 -2.14 0.00	79.95 -2.47 0.00	75.78 -2.34 0.00	67.24 -2.08 0.00	62.80 -1.81 0.00	60.76 -1.75 0.00	61.30 -1.83 0.00	63.15 -1.75 0.00	61.39 -1.77 0.00	61.69 -1.71 0.00	62.82 -1.81 0.00	77.49 -2.31 0.00	94.00 -1.72 0.00	107.17 -2.08 0.00	96.71 -1.97 0.00	91.81 -1.78 0.00	79.07 -1.78 0.00	74.22 -1.67 0.00	71.41 -1.61 0.00
TIANA____69_KV_BK 1 55817	98.03 6.75 -8.93	101.30 6.16 -19.13	88.40 5.61 -10.89	85.37 5.70 -6.55	84.88 5.96 -0.50	95.85 5.68 -16.40	103.11 6.68 -14.01	103.65 6.09 -19.43	84.79 5.06 -10.41	81.86 4.91 -12.34	67.08 4.56 0.00	67.04 3.91 0.00	68.87 3.96 0.00	66.89 3.73 0.00	67.33 3.93 0.00	69.16 4.52 0.00	96.50 5.91 -10.80	139.50 7.56 -36.22	137.28 8.19 -19.84	126.88 7.40 -20.79	118.13 7.49 -17.06	103.10 6.55 -15.70	96.28 6.30 -14.10	93.76 5.70 -15.04
TILDEN___115KV_TB1 80814	80.28 -2.06 0.00	74.03 -1.98 0.00	70.11 -1.80 0.00	71.15 -1.97 0.00	76.23 -2.20 0.00	72.00 -1.77 0.00	80.37 -2.06 0.00	76.25 -1.88 0.00	67.66 -1.66 0.00	63.19 -1.42 0.00	61.14 -1.38 0.00	61.68 -1.45 0.00	63.54 -1.36 0.00	61.77 -1.39 0.00	62.07 -1.33 0.00	63.21 -1.42 0.00	78.05 -1.76 0.00	94.57 -1.15 0.00	107.93 -1.31 0.00	97.30 -1.38 0.00	92.37 -1.22 0.00	79.56 -1.29 0.00	74.67 -1.21 0.00	71.78 -1.24 0.00

TRIGEN__CC 323695	96.05 4.78 -8.93	99.40 4.26 -19.13	86.75 3.96 -10.89	83.69 4.02 -6.55	83.08 4.16 -0.50	94.08 3.91 -16.40	100.97 4.53 -14.01	101.70 4.14 -19.43	83.55 3.81 -10.41	80.76 3.81 -12.34	66.14 3.63 0.00	66.35 3.22 0.00	68.15 3.25 0.00	66.32 3.16 0.00	66.63 3.23 0.00	68.12 3.49 0.00	94.91 4.31 -10.80	137.10 5.17 -36.22	135.31 6.23 -19.84	125.01 5.53 -20.79	115.79 5.15 -17.06	100.68 4.12 -15.70	94.01 4.02 -14.10	91.35 3.29 -15.04
TRINITY__115KV__4 BK 55933	85.14 2.80 0.00	78.82 2.81 0.00	74.50 2.59 0.00	75.75 2.63 0.00	80.94 2.51 0.00	76.28 2.51 0.00	85.06 2.64 0.00	80.47 2.34 0.00	71.33 2.01 0.00	66.68 2.07 0.00	64.58 2.06 0.00	65.15 2.02 0.00	66.85 1.95 0.00	65.18 2.02 0.00	65.37 1.97 0.00	66.31 1.68 0.00	81.72 1.92 0.00	97.73 2.01 0.00	111.43 2.18 0.00	100.66 1.97 0.00	95.37 1.78 0.00	82.71 1.86 0.00	77.86 1.97 0.00	75.06 2.04 0.00
UNION__PROCESSING_DRP 323587	77.16 -5.19 0.00	71.22 -4.79 0.00	67.74 -4.17 0.00	68.73 -4.39 0.00	73.33 -5.10 0.00	70.08 -3.69 0.00	77.73 -4.70 0.00	73.52 -4.61 0.00	65.16 -4.16 0.00	60.99 -3.62 0.00	58.89 -3.63 0.00	59.47 -3.66 0.00	61.40 -3.50 0.00	59.50 -3.66 0.00	59.79 -3.61 0.00	60.82 -3.81 0.00	74.69 -5.11 0.00	90.45 -5.26 0.00	102.91 -6.34 0.00	92.86 -5.82 0.00	88.72 -4.87 0.00	76.24 -4.61 0.00	72.24 -3.64 0.00	70.10 -2.92 0.00
UPPER HUDSON__HYD 24058	89.01 6.67 0.00	82.09 6.08 0.00	77.59 5.68 0.00	78.90 5.78 0.00	84.47 6.04 0.00	79.68 5.90 0.00	89.02 6.60 0.00	84.14 6.02 0.00	74.32 4.99 0.00	69.39 4.78 0.00	66.95 4.44 0.00	67.61 4.48 0.00	69.19 4.28 0.00	67.39 4.23 0.00	67.58 4.18 0.00	69.09 4.46 0.00	85.79 5.99 0.00	102.90 7.18 0.00	117.66 8.41 0.00	106.09 7.41 0.00	100.51 6.93 0.00	86.75 5.90 0.00	81.42 5.54 0.00	78.05 5.03 0.00
UPPER RAQUET__HYD 24056	83.74 1.40 0.00	77.53 1.52 0.00	73.21 1.30 0.00	74.66 1.54 0.00	80.54 2.12 0.00	74.88 1.11 0.00	83.01 0.58 0.00	79.07 0.94 0.00	70.29 0.97 0.00	65.00 0.39 0.00	63.32 0.81 0.00	64.27 1.14 0.00	66.20 1.30 0.00	64.36 1.20 0.00	64.54 1.14 0.00	66.05 1.42 0.00	81.64 1.84 0.00	96.30 0.58 0.00	109.35 0.11 0.00	98.88 0.20 0.00	93.78 0.19 0.00	82.38 1.53 0.00	77.71 1.82 0.00	75.29 2.27 0.00
VALLEY44_115KV_TB2 355964	78.47 -3.87 0.00	72.21 -3.80 0.00	69.25 -2.66 0.00	70.05 -3.07 0.00	74.82 -3.61 0.00	71.86 -1.92 0.00	79.38 -3.05 0.00	74.92 -3.20 0.00	66.34 -2.98 0.00	62.29 -2.33 0.00	60.14 -2.38 0.00	60.86 -2.27 0.00	62.76 -2.14 0.00	60.76 -2.40 0.00	61.18 -2.22 0.00	62.24 -2.39 0.00	76.29 -3.51 0.00	91.99 -3.73 0.00	104.55 -4.70 0.00	94.54 -4.14 0.00	90.59 -2.99 0.00	77.54 -3.31 0.00	73.91 -1.97 0.00	72.07 -0.95 0.00
VALLEY__115KV_TB 1-4 80826	84.24 1.89 0.00	77.53 1.52 0.00	73.20 1.29 0.00	74.29 1.17 0.00	79.84 1.41 0.00	75.17 1.40 0.00	84.07 1.65 0.00	79.69 1.56 0.00	70.78 1.46 0.00	66.03 1.42 0.00	64.08 1.56 0.00	64.65 1.52 0.00	66.46 1.56 0.00	64.68 1.52 0.00	64.99 1.59 0.00	66.25 1.62 0.00	81.96 2.15 0.00	98.21 2.49 0.00	112.08 2.84 0.00	101.35 2.66 0.00	96.21 2.62 0.00	83.03 2.18 0.00	78.16 2.28 0.00	75.14 2.12 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	87.37 5.02 0.00	80.57 4.56 0.00	76.22 4.31 0.00	77.07 3.95 0.00	83.13 4.71 0.00	78.05 4.28 0.00	87.45 5.03 0.00	82.97 4.84 0.00	73.41 4.09 0.00	68.30 3.68 0.00	66.14 3.63 0.00	66.54 3.41 0.00	68.48 3.57 0.00	66.51 3.35 0.00	66.76 3.36 0.00	67.99 3.36 0.00	84.19 4.39 0.00	101.56 5.84 0.00	115.91 6.66 0.00	104.71 6.02 0.00	99.30 5.71 0.00	85.30 4.45 0.00	80.21 4.33 0.00	76.89 3.87 0.00
VISCHER__FERRY HYD 24020	86.54 4.20 0.00	79.88 3.87 0.00	75.50 3.59 0.00	76.77 3.65 0.00	82.19 3.76 0.00	77.39 3.61 0.00	86.46 4.04 0.00	81.80 3.67 0.00	72.44 3.12 0.00	67.71 3.10 0.00	65.51 3.00 0.00	66.10 2.97 0.00	67.83 2.92 0.00	66.07 2.91 0.00	66.32 2.92 0.00	67.54 2.91 0.00	83.47 3.67 0.00	100.03 4.31 0.00	114.27 5.03 0.00	103.13 4.44 0.00	97.80 4.22 0.00	84.40 3.55 0.00	79.31 3.42 0.00	76.16 3.14 0.00
V_A_10_SYNC_DSASP 323832	74.77 -7.57 0.00	69.01 -6.99 0.00	66.01 -5.90 0.00	66.83 -6.29 0.00	71.29 -7.14 0.00	68.31 -5.46 0.00	75.34 -7.09 0.00	71.02 -7.11 0.00	63.01 -6.31 0.00	59.06 -5.56 0.00	57.07 -5.44 0.00	57.57 -5.56 0.00	59.39 -5.52 0.00	57.54 -5.62 0.00	57.88 -5.52 0.00	58.75 -5.88 0.00	71.82 -7.98 0.00	86.53 -9.19 0.00	98.21 -11.03 0.00	88.72 -9.96 0.00	85.26 -8.33 0.00	73.25 -7.60 0.00	69.89 -6.00 0.00	68.27 -4.75 0.00
V_CMM_10_SYNC_DSASP 323787	82.76 0.41 0.00	76.54 0.54 0.00	72.34 0.43 0.00	73.85 0.73 0.00	79.37 0.94 0.00	74.29 0.52 0.00	82.84 0.41 0.00	78.75 0.62 0.00	70.01 0.69 0.00	64.94 0.32 0.00	62.83 0.31 0.00	63.58 0.45 0.00	65.42 0.52 0.00	63.66 0.50 0.00	63.85 0.45 0.00	65.21 0.58 0.00	80.68 0.88 0.00	96.20 0.48 0.00	109.68 0.44 0.00	99.18 0.50 0.00	94.06 0.47 0.00	81.90 1.05 0.00	76.72 0.84 0.00	74.18 1.16 0.00
V_CMP_10_SYNC_DSASP 323788	82.84 0.50 0.00	76.84 0.84 0.00	72.70 0.79 0.00	74.29 1.17 0.00	79.99 1.57 0.00	74.88 1.11 0.00	82.84 0.41 0.00	78.91 0.78 0.00	70.22 0.90 0.00	64.94 0.32 0.00	62.70 0.19 0.00	63.51 0.38 0.00	65.49 0.58 0.00	63.66 0.50 0.00	63.91 0.50 0.00	65.47 0.84 0.00	81.40 1.60 0.00	97.34 1.63 0.00	111.21 1.97 0.00	100.56 1.87 0.00	95.46 1.87 0.00	83.11 2.26 0.00	77.94 2.05 0.00	75.94 2.92 0.00
V_D_10_SYNC_DSASP 323841	83.49 1.15 0.00	77.22 1.21 0.00	72.99 1.08 0.00	74.44 1.32 0.00	80.15 1.72 0.00	74.88 1.11 0.00	83.42 0.99 0.00	79.37 1.25 0.00	70.57 1.25 0.00	65.39 0.78 0.00	63.32 0.81 0.00	64.14 1.01 0.00	66.01 1.10 0.00	64.23 1.07 0.00	64.41 1.01 0.00	65.80 1.16 0.00	81.40 1.60 0.00	96.58 0.86 0.00	110.11 0.87 0.00	99.57 0.89 0.00	94.43 0.84 0.00	82.55 1.70 0.00	77.48 1.60 0.00	74.91 1.90 0.00
V_E_10_SYNC_DSASP 323830	88.77 6.43 0.00	81.86 5.85 0.00	77.45 5.54 0.00	77.80 4.68 0.00	84.31 5.88 0.00	79.23 5.46 0.00	88.94 6.51 0.00	84.61 6.48 0.00	74.66 5.34 0.00	69.27 4.65 0.00	67.07 4.56 0.00	67.36 4.23 0.00	69.58 4.68 0.00	67.39 4.23 0.00	67.84 4.44 0.00	69.29 4.66 0.00	86.50 6.70 0.00	105.29 9.57 0.00	120.06 10.82 0.00	108.46 9.77 0.00	102.77 9.18 0.00	87.97 7.12 0.00	82.57 6.68 0.00	79.15 6.13 0.00
V_F_30_NSYNC__DSASP 323816	87.69 5.35 0.00	80.94 4.94 0.00	76.52 4.61 0.00	77.80 4.68 0.00	83.29 4.86 0.00	78.50 4.73 0.00	87.71 5.28 0.00	82.89 4.77 0.00	73.27 3.95 0.00	68.42 3.81 0.00	66.14 3.62 0.00	66.79 3.66 0.00	68.47 3.57 0.00	66.70 3.53 0.00	66.88 3.48 0.00	68.31 3.68 0.00	84.67 4.87 0.00	101.46 5.74 0.00	116.02 6.78 0.00	104.71 6.02 0.00	99.20 5.61 0.00	85.54 4.69 0.00	80.36 4.48 0.00	77.11 4.09 0.00

V_F_30_SYNC_DSASP 323786	85.47 3.13 0.00	79.05 3.04 0.00	74.79 2.88 0.00	76.05 2.92 0.00	81.25 2.82 0.00	76.50 2.73 0.00	85.39 2.97 0.00	80.71 2.58 0.00	71.54 2.22 0.00	66.94 2.33 0.00	64.83 2.31 0.00	65.40 2.27 0.00	67.05 2.14 0.00	65.37 2.21 0.00	65.56 2.16 0.00	66.57 1.94 0.00	82.04 2.23 0.00	98.11 2.39 0.00	111.86 2.62 0.00	101.05 2.37 0.00	95.74 2.15 0.00	83.03 2.18 0.00	78.09 2.20 0.00	75.28 2.26 0.00
V_XM_10_SYNC_DSASP 323789	82.84 0.50 0.00	76.84 0.84 0.00	72.70 0.79 0.00	74.29 1.17 0.00	79.99 1.57 0.00	74.88 1.11 0.00	82.84 0.41 0.00	78.91 0.78 0.00	70.22 0.90 0.00	64.94 0.32 0.00	62.70 0.19 0.00	63.51 0.38 0.00	65.49 0.58 0.00	63.66 0.50 0.00	63.91 0.50 0.00	65.47 0.84 0.00	81.40 1.60 0.00	97.34 1.63 0.00	111.21 1.97 0.00	100.56 1.87 0.00	95.46 1.87 0.00	83.11 2.26 0.00	77.94 2.05 0.00	75.94 2.92 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	85.72 3.38 0.00	78.97 2.96 0.00	74.64 2.73 0.00	75.90 2.78 0.00	81.25 2.82 0.00	76.36 2.58 0.00	85.48 3.05 0.00	80.78 2.66 0.00	71.68 2.36 0.00	67.00 2.39 0.00	64.89 2.38 0.00	65.28 2.15 0.00	66.98 2.08 0.00	65.31 2.15 0.00	65.49 2.09 0.00	66.83 2.20 0.00	82.43 2.63 0.00	98.97 3.25 0.00	113.28 4.04 0.00	102.24 3.55 0.00	96.87 3.28 0.00	83.36 2.51 0.00	78.32 2.43 0.00	74.77 1.75 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	86.05 3.71 0.00	79.27 3.27 0.00	74.86 2.95 0.00	76.12 3.00 0.00	81.49 3.06 0.00	76.58 2.80 0.00	85.81 3.38 0.00	81.17 3.05 0.00	72.16 2.84 0.00	67.65 3.04 0.00	65.39 2.88 0.00	65.78 2.65 0.00	67.50 2.60 0.00	65.81 2.65 0.00	66.06 2.66 0.00	67.35 2.71 0.00	83.07 3.27 0.00	99.64 3.92 0.00	114.05 4.81 0.00	102.93 4.24 0.00	97.52 3.93 0.00	83.92 3.07 0.00	78.85 2.96 0.00	75.28 2.26 0.00
W50THST__13_KV_LOAD 356117	86.30 3.95 0.00	79.50 3.50 0.00	75.07 3.16 0.00	76.34 3.22 0.00	81.72 3.29 0.00	76.80 3.02 0.00	86.05 3.63 0.00	81.41 3.28 0.00	72.44 3.12 0.00	67.84 3.23 0.00	65.58 3.06 0.00	65.97 2.84 0.00	67.76 2.86 0.00	66.07 2.91 0.00	66.25 2.85 0.00	67.54 2.91 0.00	83.31 3.51 0.00	99.93 4.21 0.00	114.38 5.13 0.00	103.23 4.54 0.00	97.80 4.21 0.00	84.16 3.31 0.00	79.07 3.19 0.00	75.50 2.48 0.00
WADING RIVER_IC_1 23522	97.78 6.50 -8.93	100.99 5.85 -19.13	88.12 5.32 -10.89	85.16 5.49 -6.55	84.65 5.72 -0.50	95.56 5.38 -16.40	102.78 6.35 -14.01	103.42 5.86 -19.43	84.65 4.92 -10.41	81.67 4.71 -12.34	66.89 4.37 0.00	66.92 3.79 0.00	68.74 3.83 0.00	66.82 3.66 0.00	67.27 3.87 0.00	69.03 4.40 0.00	96.34 5.75 -10.80	139.31 7.37 -36.22	136.61 7.53 -19.84	126.28 6.80 -20.79	117.47 6.83 -17.06	102.70 6.14 -15.70	95.83 5.84 -14.10	93.25 5.18 -15.04
WADING RIVER_IC_2 23547	97.78 6.50 -8.93	100.99 5.85 -19.13	88.12 5.32 -10.89	85.16 5.49 -6.55	84.65 5.72 -0.50	95.56 5.38 -16.40	102.78 6.35 -14.01	103.42 5.86 -19.43	84.65 4.92 -10.41	81.67 4.71 -12.34	66.89 4.37 0.00	66.92 3.79 0.00	68.74 3.83 0.00	66.82 3.66 0.00	67.27 3.87 0.00	69.03 4.40 0.00	96.34 5.75 -10.80	139.31 7.37 -36.22	136.61 7.53 -19.84	126.28 6.80 -20.79	117.47 6.83 -17.06	102.70 6.14 -15.70	95.83 5.84 -14.10	93.25 5.18 -15.04
WADING RIVER_IC_3 23601	97.78 6.50 -8.93	100.99 5.85 -19.13	88.12 5.32 -10.89	85.16 5.49 -6.55	84.65 5.72 -0.50	95.56 5.38 -16.40	102.78 6.35 -14.01	103.42 5.86 -19.43	84.65 4.92 -10.41	81.67 4.71 -12.34	66.89 4.37 0.00	66.92 3.79 0.00	68.74 3.83 0.00	66.82 3.66 0.00	67.27 3.87 0.00	69.03 4.40 0.00	96.34 5.75 -10.80	139.31 7.37 -36.22	136.61 7.53 -19.84	126.28 6.80 -20.79	117.47 6.83 -17.06	102.70 6.14 -15.70	95.83 5.84 -14.10	93.25 5.18 -15.04
WALDENNY_12_KV_BK2 80841	76.25 -6.09 0.00	70.15 -5.85 0.00	67.38 -4.53 0.00	68.22 -4.90 0.00	72.70 -5.73 0.00	70.01 -3.76 0.00	77.07 -5.36 0.00	72.58 -5.55 0.00	64.33 -4.99 0.00	60.41 -4.20 0.00	58.26 -4.25 0.00	59.03 -4.10 0.00	60.82 -4.09 0.00	58.93 -4.23 0.00	59.34 -4.06 0.00	60.30 -4.33 0.00	73.66 -6.14 0.00	88.73 -6.99 0.00	100.72 -8.52 0.00	91.19 -7.50 0.00	87.60 -5.99 0.00	75.03 -5.82 0.00	71.79 -4.10 0.00	70.24 -2.77 0.00
WALDEN__HYDRO 24148	85.72 3.38 0.00	78.97 2.96 0.00	74.71 2.80 0.00	75.97 2.85 0.00	81.33 2.90 0.00	76.43 2.66 0.00	85.56 3.13 0.00	80.86 2.73 0.00	71.82 2.50 0.00	67.07 2.46 0.00	64.89 2.38 0.00	65.28 2.15 0.00	67.05 2.14 0.00	65.37 2.21 0.00	65.56 2.16 0.00	66.89 2.26 0.00	82.67 2.87 0.00	99.26 3.54 0.00	113.61 4.37 0.00	102.53 3.85 0.00	97.15 3.56 0.00	83.60 2.75 0.00	78.54 2.66 0.00	75.06 2.04 0.00
WARRENSBURG____ 23737	89.01 6.67 0.00	82.09 6.08 0.00	77.59 5.68 0.00	78.90 5.78 0.00	84.47 6.04 0.00	79.68 5.90 0.00	89.02 6.60 0.00	84.14 6.02 0.00	74.32 4.99 0.00	69.39 4.78 0.00	66.95 4.44 0.00	67.61 4.48 0.00	69.19 4.28 0.00	67.39 4.23 0.00	67.58 4.18 0.00	69.09 4.46 0.00	85.79 5.99 0.00	102.90 7.18 0.00	117.66 8.41 0.00	106.09 7.41 0.00	100.51 6.93 0.00	86.75 5.90 0.00	81.42 5.54 0.00	78.05 5.03 0.00
WATERSIDE____6 8 9 23538	82.14 4.03 4.24	75.62 3.50 3.88	71.24 3.09 3.76	72.56 3.22 3.78	78.05 3.14 3.52	74.72 2.80 1.85	83.45 3.30 2.27	79.43 3.05 1.75	68.66 2.98 3.64	63.59 3.17 4.18	61.28 3.06 4.30	61.68 2.84 4.30	67.44 2.86 0.33	62.40 2.84 3.60	62.83 2.85 3.43	65.40 2.91 2.15	73.46 3.43 9.77	81.87 4.12 17.96	104.85 5.03 9.42	85.17 4.44 17.96	88.24 4.12 9.47	69.79 3.23 14.30	78.27 3.19 0.80	75.50 2.48 0.00
WATKINRD_115KV_LN8_ILLION 55919	83.91 1.56 0.00	77.30 1.29 0.00	73.06 1.15 0.00	74.14 1.02 0.00	79.68 1.25 0.00	74.95 1.18 0.00	83.83 1.40 0.00	79.46 1.33 0.00	70.50 1.18 0.00	65.78 1.16 0.00	63.76 1.25 0.00	64.39 1.26 0.00	66.14 1.23 0.00	64.36 1.20 0.00	64.67 1.27 0.00	65.92 1.29 0.00	81.48 1.68 0.00	97.63 1.91 0.00	111.43 2.18 0.00	100.66 1.97 0.00	95.55 1.97 0.00	82.47 1.62 0.00	77.56 1.67 0.00	74.55 1.53 0.00
WATSON__69_KV_BK 1 55734	98.19 6.92 -8.93	101.37 6.23 -19.13	88.55 5.75 -10.89	85.52 5.85 -6.55	85.04 6.12 -0.50	95.93 5.75 -16.40	103.11 6.68 -14.01	103.73 6.17 -19.43	85.00 5.27 -10.41	82.12 5.17 -12.34	67.51 5.00 0.00	67.55 4.42 0.00	69.39 4.48 0.00	67.46 4.29 0.00	67.90 4.50 0.00	69.61 4.98 0.00	96.98 6.38 -10.80	139.79 7.85 -36.22	138.15 9.07 -19.84	127.67 8.19 -20.79	118.41 7.77 -17.06	102.94 6.39 -15.70	96.13 6.15 -14.10	93.39 5.33 -15.04
WDELAWARE__HYD 323627	85.64 3.30 0.00	78.97 2.96 0.00	74.71 2.80 0.00	75.90 2.78 0.00	81.41 2.98 0.00	76.50 2.73 0.00	85.64 3.21 0.00	80.86 2.73 0.00	71.81 2.49 0.00	66.87 2.26 0.00	64.64 2.13 0.00	64.96 1.83 0.00	66.79 1.88 0.00	65.05 1.89 0.00	65.30 1.90 0.00	66.70 2.07 0.00	82.67 2.87 0.00	99.45 3.73 0.00	113.72 4.48 0.00	102.83 4.14 0.00	97.34 3.75 0.00	83.68 2.83 0.00	78.62 2.73 0.00	74.99 1.97 0.00

WEST BABYLON___IC 23714	97.70 6.42 -8.93	100.92 5.78 -19.13	88.12 5.32 -10.89	85.08 5.41 -6.55	84.57 5.65 -0.50	95.48 5.31 -16.40	102.61 6.18 -14.01	103.26 5.70 -19.43	84.72 4.99 -10.41	81.86 4.91 -12.34	67.26 4.75 0.00	67.30 4.17 0.00	69.19 4.28 0.00	67.27 4.11 0.00	67.65 4.25 0.00	69.35 4.72 0.00	96.58 5.99 -10.80	139.21 7.27 -36.22	137.60 8.52 -19.84	127.18 7.70 -20.79	117.85 7.21 -17.06	102.46 5.90 -15.70	95.60 5.62 -14.10	92.96 4.89 -15.04
WEST CANADA___HYD 24049	82.92 0.58 0.00	76.54 0.54 0.00	72.42 0.51 0.00	73.56 0.44 0.00	78.90 0.47 0.00	74.22 0.45 0.00	83.01 0.58 0.00	78.68 0.55 0.00	69.74 0.42 0.00	65.07 0.46 0.00	62.95 0.44 0.00	63.58 0.45 0.00	65.30 0.39 0.00	63.61 0.45 0.00	63.85 0.45 0.00	65.02 0.39 0.00	80.28 0.48 0.00	96.10 0.38 0.00	109.68 0.44 0.00	99.08 0.40 0.00	93.97 0.38 0.00	81.09 0.24 0.00	76.19 0.30 0.00	73.24 0.22 0.00
WESTERN_NY_WIND 24143	76.58 -5.76 0.00	70.61 -5.40 0.00	67.52 -4.39 0.00	68.44 -4.68 0.00	72.86 -5.57 0.00	70.23 -3.54 0.00	77.48 -4.95 0.00	73.13 -5.00 0.00	64.75 -4.58 0.00	60.67 -3.94 0.00	58.45 -4.06 0.00	59.03 -4.10 0.00	60.95 -3.96 0.00	58.99 -4.17 0.00	59.41 -3.99 0.00	60.37 -4.27 0.00	73.98 -5.83 0.00	89.59 -6.13 0.00	101.70 -7.54 0.00	91.78 -6.91 0.00	88.07 -5.52 0.00	75.51 -5.34 0.00	72.09 -3.79 0.00	70.32 -2.70 0.00
WESTOVER___LESR 323668	81.44 -0.91 0.00	75.09 -0.91 0.00	71.19 -0.72 0.00	72.24 -0.88 0.00	77.41 -1.02 0.00	73.26 -0.52 0.00	81.68 -0.74 0.00	77.35 -0.78 0.00	68.63 -0.69 0.00	64.10 -0.52 0.00	61.95 -0.56 0.00	62.56 -0.57 0.00	64.45 -0.45 0.00	62.59 -0.57 0.00	62.89 -0.51 0.00	64.05 -0.58 0.00	79.08 -0.72 0.00	95.43 -0.29 0.00	108.81 -0.44 0.00	98.19 -0.49 0.00	93.31 -0.28 0.00	80.28 -0.57 0.00	75.58 -0.30 0.00	72.80 -0.22 0.00
WETHRSFD_WT_PWR 323626	76.50 -5.84 0.00	70.53 -5.47 0.00	67.52 -4.39 0.00	68.37 -4.75 0.00	73.09 -5.34 0.00	70.16 -3.61 0.00	77.56 -4.86 0.00	73.21 -4.92 0.00	64.74 -4.58 0.00	60.61 -4.01 0.00	58.58 -3.94 0.00	59.22 -3.91 0.00	61.08 -3.83 0.00	59.24 -3.92 0.00	59.66 -3.74 0.00	60.76 -3.88 0.00	74.53 -5.27 0.00	90.07 -5.65 0.00	102.36 -6.88 0.00	92.47 -6.21 0.00	88.72 -4.87 0.00	76.00 -4.85 0.00	72.32 -3.57 0.00	70.46 -2.56 0.00
WHAVSTOR_138KV_BK127 55557	85.47 3.13 0.00	78.74 2.74 0.00	74.43 2.52 0.00	75.68 2.56 0.00	81.01 2.59 0.00	76.13 2.36 0.00	85.23 2.80 0.00	80.55 2.42 0.00	71.47 2.15 0.00	66.81 2.20 0.00	64.70 2.19 0.00	65.09 1.96 0.00	66.79 1.88 0.00	65.18 2.02 0.00	65.30 1.90 0.00	66.64 2.00 0.00	82.19 2.39 0.00	98.59 2.87 0.00	112.85 3.61 0.00	101.94 3.26 0.00	96.58 2.99 0.00	83.11 2.26 0.00	78.09 2.20 0.00	74.55 1.53 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	85.47 3.13 0.00	78.74 2.74 0.00	74.43 2.52 0.00	75.68 2.56 0.00	81.01 2.59 0.00	76.13 2.36 0.00	85.23 2.80 0.00	80.55 2.42 0.00	71.47 2.15 0.00	66.81 2.20 0.00	64.70 2.19 0.00	65.09 1.96 0.00	66.79 1.88 0.00	65.18 2.02 0.00	65.30 1.90 0.00	66.64 2.00 0.00	82.19 2.39 0.00	98.59 2.87 0.00	112.85 3.61 0.00	101.94 3.26 0.00	96.58 2.99 0.00	83.11 2.26 0.00	78.09 2.20 0.00	74.55 1.53 0.00
WHITEHAL_115KV_TB1 80871	90.25 7.90 0.00	83.23 7.22 0.00	78.67 6.76 0.00	79.99 6.87 0.00	85.64 7.22 0.00	80.78 7.01 0.00	90.34 7.91 0.00	85.31 7.19 0.00	75.21 5.89 0.00	70.23 5.62 0.00	67.76 5.25 0.00	68.43 5.30 0.00	69.90 5.00 0.00	68.15 4.99 0.00	68.28 4.88 0.00	70.00 5.36 0.00	87.14 7.34 0.00	104.52 8.81 0.00	119.73 10.49 0.00	107.86 9.18 0.00	102.11 8.52 0.00	87.96 7.11 0.00	82.57 6.68 0.00	79.01 5.99 0.00
WHITEPLN_13_KV_LOAD 356215	86.79 4.45 0.00	79.88 3.88 0.00	75.51 3.60 0.00	76.78 3.66 0.00	82.27 3.84 0.00	77.24 3.47 0.00	86.46 4.04 0.00	81.80 3.67 0.00	72.72 3.40 0.00	68.04 3.42 0.00	65.83 3.31 0.00	66.16 3.03 0.00	67.96 3.05 0.00	66.19 3.03 0.00	66.44 3.04 0.00	67.80 3.17 0.00	83.71 3.91 0.00	100.41 4.69 0.00	115.03 5.79 0.00	103.82 5.13 0.00	98.36 4.77 0.00	84.57 3.72 0.00	79.53 3.64 0.00	75.87 2.85 0.00
WM_FLOYD_69_KV_BK2 356380	97.78 6.51 -8.93	100.99 5.85 -19.13	88.19 5.39 -10.89	85.15 5.48 -6.55	84.65 5.73 -0.50	95.63 5.46 -16.40	102.78 6.35 -14.01	103.41 5.86 -19.43	84.59 4.85 -10.41	81.60 4.65 -12.34	66.95 4.44 0.00	66.92 3.79 0.00	68.74 3.83 0.00	66.82 3.66 0.00	67.27 3.87 0.00	69.03 4.39 0.00	96.42 5.83 -10.80	139.21 7.27 -36.22	137.06 7.97 -19.84	126.58 7.11 -20.79	117.66 7.02 -17.06	102.62 6.06 -15.70	95.83 5.84 -14.10	93.17 5.11 -15.04
WOODARD__115KV_TB2 355635	79.87 -2.47 0.00	73.65 -2.36 0.00	69.75 -2.16 0.00	70.78 -2.34 0.00	75.92 -2.51 0.00	71.63 -2.14 0.00	79.95 -2.47 0.00	75.86 -2.27 0.00	67.31 -2.01 0.00	62.87 -1.74 0.00	60.82 -1.69 0.00	61.36 -1.77 0.00	63.22 -1.69 0.00	61.46 -1.71 0.00	61.75 -1.65 0.00	62.89 -1.75 0.00	77.65 -2.15 0.00	94.09 -1.63 0.00	107.39 -1.86 0.00	96.81 -1.88 0.00	91.90 -1.68 0.00	79.15 -1.70 0.00	74.29 -1.59 0.00	71.49 -1.53 0.00
YORK___WARBASSE 23770	116.48 4.45 -29.69	107.04 3.88 -27.15	101.72 3.45 -26.36	103.06 3.51 -26.43	106.59 3.53 -24.64	89.85 3.10 -12.98	102.13 3.79 -15.91	93.89 3.52 -12.25	98.22 3.40 -25.50	97.47 3.55 -29.30	96.03 3.44 -30.08	96.43 3.22 -30.08	70.51 3.31 -2.29	91.75 3.35 -25.24	90.69 3.30 -23.99	83.08 3.43 -15.02	152.30 4.07 -68.43	346.49 4.88 -245.89	264.09 5.90 -148.95	349.81 5.23 -245.89	246.91 4.87 -148.45	184.84 3.88 -100.11	85.30 3.79 -5.61	75.94 2.92 0.00