

### --- Marginal Cost of Congestion

**Date: 05/13/2000**

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
CAPITL 61757	13.36 -0.16 0.00	12.90 -0.02 0.00	13.47 0.01 0.00	12.47 -0.02 0.00	13.46 -0.02 0.00	14.95 -0.08 0.00	11.79 -0.19 0.00	11.39 -0.26 0.00	16.91 -0.22 -0.09	17.87 -0.12 -0.12	16.33 -0.08 -0.12	16.53 -0.04 -0.10	16.88 -0.04 -0.15	15.89 -0.09 -0.14	17.18 -0.09 -0.14	16.78 -0.11 -0.16	19.81 -0.13 -0.13	16.49 -0.05 -0.14	17.46 -0.05 -0.13	28.58 -0.10 0.00	-33.18 0.18 -3.23	15.04 -0.07 -0.78	15.61 -0.08 -0.67	15.18 -0.05 -0.01
CENTRL 61754	13.33 -0.20 0.00	12.75 -0.17 0.00	13.29 -0.17 0.00	12.34 -0.15 0.00	13.31 -0.17 0.00	14.79 -0.23 0.00	11.86 -0.13 0.00	11.57 -0.08 0.00	17.22 -0.26 -0.44	18.17 -0.29 -0.59	16.63 -0.27 -0.61	16.67 -0.27 -0.47	17.01 -0.27 -0.50	16.16 -0.25 -0.57	17.33 -0.28 -0.49	17.04 -0.27 -0.59	19.96 -0.30 -0.46	16.70 -0.26 -0.55	17.52 -0.27 -0.41	28.18 -0.49 0.00	-34.75 0.65 -1.20	14.42 -0.19 -0.29	15.05 -0.21 -0.25	14.96 -0.26 0.00
DUNWOD 61760	14.60 1.08 0.00	13.82 0.91 0.00	14.37 0.91 0.00	13.32 0.82 0.00	14.38 0.89 0.00	16.08 1.05 0.00	12.92 0.94 0.00	12.71 1.05 0.00	34.96 1.54 -16.39	41.01 1.60 -21.53	40.16 1.41 -22.45	35.33 1.43 -17.44	37.08 1.48 -18.82	38.46 1.43 -21.20	37.10 1.56 -18.41	40.13 1.56 -21.84	38.77 1.81 -17.16	38.41 1.47 -20.53	34.37 1.60 -15.39	31.59 2.92 0.00	60.51 -4.08 -101.18	40.22 1.43 -24.47	37.55 1.46 -21.08	16.94 1.50 -0.23
GENESE 61753	12.91 -0.61 0.00	12.42 -0.49 0.00	12.98 -0.48 0.00	12.03 -0.46 0.00	12.97 -0.51 0.00	14.39 -0.64 0.00	11.46 -0.52 0.00	11.14 -0.51 0.00	16.64 -0.80 -0.41	17.62 -0.79 -0.53	16.15 -0.70 -0.55	16.23 -0.67 -0.43	16.55 -0.69 -0.46	15.66 -0.70 -0.52	16.76 -0.81 -0.45	16.46 -0.80 -0.54	19.26 -0.96 -0.42	16.13 -0.77 -0.51	16.93 -0.82 -0.38	26.97 -1.70 0.00	-33.40 2.11 -1.07	13.90 -0.69 -0.26	14.53 -0.71 -0.22	14.42 -0.80 0.00
H Q 61844	13.23 -0.30 0.00	12.63 -0.28 0.00	13.17 -0.29 0.00	12.22 -0.27 0.00	13.19 -0.29 0.00	14.72 -0.31 0.00	11.73 -0.26 0.00	11.37 -0.28 0.00	16.67 -0.36 0.00	17.53 -0.35 -0.01	16.00 -0.29 -0.01	16.15 -0.32 0.00	16.44 -0.34 -0.01	15.51 -0.34 -0.01	16.78 -0.36 -0.01	16.37 -0.37 -0.01	19.35 -0.46 -0.01	16.03 -0.38 -0.01	16.97 -0.42 -0.01	27.88 -0.80 0.00	-35.38 1.12 -0.09	13.99 -0.36 -0.02	14.69 -0.35 -0.02	14.85 -0.36 0.00
HUD VL 61758	14.33 0.81 0.00	13.61 0.69 0.00	14.17 0.71 0.00	13.14 0.65 0.00	14.19 0.70 0.00	15.83 0.81 0.00	12.70 0.72 0.00	12.45 0.80 0.00	32.95 1.15 -14.77	38.46 1.18 -19.40	37.57 1.05 -20.23	33.23 1.05 -15.71	34.81 1.07 -16.97	35.98 1.04 -19.10	34.85 1.13 -16.59	37.54 1.13 -19.69	36.60 1.33 -15.47	35.98 1.07 -18.50	32.41 1.16 -13.87	30.78 2.10 0.00	40.72 -2.96 -80.27	34.78 1.04 -19.41	32.81 1.07 -16.72	16.50 1.10 -0.18
LONGIL 61762	25.18 1.45	17.09 1.25	14.72 1.26	13.63 1.14	14.72 1.24	16.49 1.46	13.22 1.23	13.22 1.30	35.48 1.86	41.39 1.92	40.53 1.73	35.72 1.76	37.39 1.74	38.74 1.64	37.39 1.80	40.42 1.79	39.08 2.07	38.69 1.70	34.65 1.84	32.03 3.35	70.14 -4.82	40.53 1.72	43.15 1.81	37.68 1.84

	-10.21	-2.93	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-16.59	-21.59	-22.52	-17.49	-18.88	-21.26	-18.46	-21.90	-17.21	-20.59	-15.43	0.00	-111.56	-24.49	-26.33	-20.62
MHK VL 61756	13.41	12.84	13.38	12.42	13.41	14.94	11.88	11.57	17.11	18.04	16.45	16.59	16.91	16.01	17.25	16.93	19.94	16.60	17.52	28.60	-35.75	14.41	15.07	15.12	
	-0.11	-0.08	-0.08	-0.07	-0.08	-0.09	-0.11	-0.08	-0.10	-0.07	-0.08	-0.06	-0.06	-0.06	-0.07	-0.04	-0.05	-0.02	-0.03	-0.07	0.19	-0.07	-0.08	-0.10	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-0.23	-0.24	-0.19	-0.20	-0.23	-0.20	-0.24	-0.19	-0.23	-0.17	0.00	-0.65	-0.16	-0.13	0.00	
MILLWD 61759	14.45	13.68	14.23	13.19	14.24	15.92	12.79	12.58	34.49	40.44	39.60	34.85	36.57	37.93	36.59	39.57	38.26	37.88	33.92	31.23	58.09	39.34	36.76	16.74	
	0.93	0.77	0.77	0.70	0.75	0.90	0.81	0.92	1.34	1.39	1.23	1.24	1.28	1.25	1.36	1.37	1.59	1.29	1.40	2.56	-3.59	1.25	1.28	1.31	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.11	-21.17	-22.08	-17.14	-18.51	-20.84	-18.10	-21.48	-16.87	-20.19	-15.14	0.00	-98.27	-23.77	-20.47	-0.22	
N.Y.C. 61761	14.85	14.05	14.58	13.51	14.58	16.33	13.14	12.95	35.37	41.42	40.50	35.69	37.50	38.87	37.54	40.55	39.19	38.80	34.82	32.34	59.44	40.57	37.89	17.33	
	1.32	1.13	1.12	1.02	1.10	1.30	1.15	1.30	1.91	1.96	1.70	1.74	1.86	1.78	1.96	1.93	2.19	1.82	2.01	3.67	-5.15	1.77	1.80	1.89	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.43	-21.58	-22.51	-17.48	-18.87	-21.25	-18.45	-21.90	-17.20	-20.58	-15.43	0.00	-101.18	-24.47	-21.08	-0.23	
NORTH 61755	13.17	12.60	13.14	12.19	13.15	14.68	11.68	11.33	16.65	17.52	15.99	16.14	16.44	15.50	16.77	16.36	19.34	16.03	16.96	27.83	-35.19	13.97	14.66	14.81	
	-0.35	-0.32	-0.33	-0.31	-0.33	-0.35	-0.30	-0.32	-0.39	-0.37	-0.32	-0.34	-0.35	-0.36	-0.37	-0.38	-0.48	-0.39	-0.43	-0.84	1.22	-0.40	-0.39	-0.41	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	0.00	-0.18	-0.04	-0.04	0.00	
NPX 61845	13.53	12.97	13.55	12.55	13.56	15.07	11.95	11.58	22.01	24.46	23.16	21.84	22.64	22.37	22.86	23.50	25.15	22.78	22.23	28.89	1.25	23.63	23.04	15.45	
	0.01	0.06	0.08	0.06	0.07	0.04	-0.03	-0.07	-0.01	0.02	0.02	0.05	0.06	0.03	0.05	0.05	0.05	0.07	0.08	0.21	-0.29	0.08	0.08	0.15	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.99	-6.56	-6.84	-5.33	-5.81	-6.50	-5.68	-6.73	-5.30	-6.31	-4.77	0.00	-38.13	-9.22	-7.94	-0.08	
O H 61846	13.38	12.66	13.25	12.34	13.31	14.86	11.97	11.59	17.13	17.90	16.37	16.35	16.67	15.87	16.93	16.68	19.47	16.33	17.05	27.07	-33.20	14.01	14.78	14.60	
	-0.15	-0.26	-0.21	-0.16	-0.17	-0.16	-0.01	-0.07	-0.43	-0.66	-0.63	-0.68	-0.70	-0.64	-0.77	-0.73	-0.87	-0.72	-0.81	-1.60	2.01	-0.65	-0.53	-0.62	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-0.69	-0.71	-0.55	-0.59	-0.67	-0.58	-0.69	-0.54	-0.65	-0.49	0.00	-1.39	-0.34	-0.29	0.00	
PJM 61847	13.37	12.65	13.20	12.27	13.25	14.83	11.93	11.62	17.53	18.52	16.95	16.87	17.22	16.47	17.61	17.40	20.50	17.40	18.14	28.81	-34.84	14.83	15.46	15.23	
	-0.15	-0.26	-0.26	-0.22	-0.23	-0.20	-0.06	-0.03	-0.21	-0.28	-0.30	-0.34	-0.35	-0.28	-0.30	-0.25	-0.02	0.13	0.11	0.14	-0.12	0.05	0.06	0.01	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.70	-0.92	-0.96	-0.74	-0.79	-0.90	-0.78	-0.92	-0.73	-0.88	-0.65	0.00	-1.87	-0.45	-0.39	0.00	
WEST 61752	13.37	12.63	13.24	12.34	13.32	14.88	11.99	11.60	17.13	17.87	16.33	16.31	16.64	15.83	16.88	16.63	19.44	16.28	17.02	27.05	-33.14	14.01	14.75	14.57	
	-0.16	-0.28	-0.22	-0.16	-0.16	-0.15	0.01	-0.05	-0.42	-0.69	-0.67	-0.71	-0.73	-0.68	-0.82	-0.79	-0.90	-0.77	-0.84	-1.62	2.05	-0.65	-0.56	-0.64	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-0.69	-0.71	-0.55	-0.59	-0.67	-0.58	-0.69	-0.54	-0.65	-0.48	0.00	-1.40	-0.34	-0.29	0.00	