

--- Marginal Cost of Congestion

Date: 04/16/2001

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	4.48	6.72	12.69	-0.01	0.21	11.51	21.18	37.74	42.53	40.95	43.24	46.22	44.20	44.93	40.38	45.45	36.48	38.25	41.88	45.55	42.17	32.35	22.05	13.72
	0.26	0.36	0.70	0.00	0.01	0.53	0.92	0.68	0.59	0.82	0.88	0.94	0.94	1.01	0.78	1.22	0.52	0.43	0.41	0.70	0.95	0.98	0.75	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.50	-0.62	0.00	0.00	0.00	0.00	0.00	0.00	-7.95	-20.59	-15.88	0.00	0.00	0.00	0.00
CENTRL 61754	4.18	6.29	11.87	-0.01	0.20	10.89	20.00	36.65	41.58	37.49	41.42	44.86	42.80	43.40	39.13	43.68	35.59	30.34	22.66	30.21	40.86	31.07	21.03	12.83
	-0.04	-0.07	-0.12	0.00	0.00	-0.09	-0.26	-0.41	-0.36	-0.38	-0.39	-0.42	-0.46	-0.53	-0.46	-0.55	-0.37	-0.30	-0.23	-0.31	-0.35	-0.29	-0.27	-0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	-0.77	-2.00	-1.54	0.00	0.00	0.00	0.00
DUNWOD 61760	4.38	6.61	12.40	-0.01	0.20	11.54	21.59	40.40	45.92	43.37	46.46	49.75	47.42	47.94	43.25	48.14	39.25	38.92	39.11	44.30	44.99	33.98	22.90	13.75
	0.16	0.25	0.40	0.00	0.01	0.56	1.34	3.34	3.98	3.76	4.22	4.48	4.16	4.02	3.66	3.91	3.28	2.74	1.89	2.73	3.78	2.62	1.60	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.98	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	-6.31	-16.33	-12.60	0.00	0.00	0.00	0.00
GENESE 61753	4.20	6.30	11.94	-0.01	0.20	10.83	19.66	35.36	40.02	36.00	39.83	43.19	41.30	41.97	37.78	42.29	34.30	29.22	21.88	29.07	39.39	30.17	20.52	12.65
	-0.02	-0.05	-0.05	0.00	0.00	-0.15	-0.60	-1.69	-1.92	-1.87	-1.98	-2.09	-1.95	-1.96	-1.81	-1.94	-1.67	-1.40	-0.97	-1.42	-1.82	-1.19	-0.77	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	-0.76	-1.97	-1.52	0.00	0.00	0.00	0.00
H Q 61844	28.93	29.77	29.00	29.00	28.95	32.97	39.89	33.76	143.40	37.59	40.81	44.25	42.33	43.04	38.76	43.32	35.16	29.12	20.31	28.23	40.39	30.79	20.99	29.74
	-0.01	-0.03	-0.05	0.00	0.00	-0.10	-0.26	-0.69	-0.92	-0.87	-0.94	-1.02	-0.93	-0.88	-0.83	-0.92	-0.81	-0.70	-0.47	-0.66	-0.83	-0.57	-0.31	-0.18
	-24.72	-23.45	-17.06	-29.01	-28.75	-22.08	-19.89	2.61	-102.38	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.11	0.09	0.00	0.00	0.00	-16.95
HUD VL 61758	4.31	6.50	12.22	-0.01	0.20	11.34	21.17	39.43	44.83	42.35	45.31	48.54	46.36	47.06	42.46	47.29	38.54	38.31	38.67	43.69	44.17	33.41	22.55	13.56
	0.09	0.15	0.23	0.00	0.00	0.36	0.91	2.37	2.88	2.74	3.07	3.26	3.11	3.13	2.86	3.06	2.58	2.15	1.48	2.14	2.96	2.05	1.25	0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.98	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	-6.30	-16.30	-12.58	0.00	0.00	0.00	0.00
LONGIL 61762	21.31	7.02	12.63	-0.01	0.21	34.66	35.96	42.50	49.17	61.05	54.19	55.95	79.02	80.20	53.97	49.20	38.69	38.56	38.93	54.19	58.04	39.46	26.89	19.13
	0.23	0.38	0.64	0.00	0.01	0.78	1.76	4.01	4.63	4.41	4.92	5.11	4.48	4.15	3.83	3.88	2.72	2.38	1.70	2.44	3.29	2.30	1.46	0.79

	-16.86	-0.29	0.00	0.00	0.00	-22.90	-13.94	-1.43	-2.60	-19.01	-7.52	-5.56	-31.28	-32.12	-10.55	-1.09	0.00	-6.31	-16.35	-22.78	-13.54	-5.79	-4.13	-5.38
MHK VL 61756	4.28 0.06 0.00	6.42 0.07 0.00	12.11 0.12 0.00	-0.01 0.00 0.00	0.20 0.00 0.00	11.08 0.10 0.00	20.41 0.15 0.00	37.03 -0.03 0.00	41.88 -0.06 0.00	37.69 0.01 -0.06	41.76 0.00 -0.01	45.24 -0.03 0.00	43.22 -0.04 0.00	43.93 0.00 0.00	39.54 -0.05 0.00	44.31 0.08 0.00	35.94 -0.03 0.00	29.98 -0.07 -0.18	21.35 -0.01 -0.47	29.35 0.01 -0.36	41.21 -0.01 0.00	31.45 0.09 0.00	21.37 0.07 0.00	13.12 0.15 0.00
MILLWD 61759	4.32 0.10 0.00	6.51 0.16 0.00	12.22 0.23 0.00	-0.01 0.00 0.00	0.20 0.00 0.00	11.37 0.39 0.00	21.27 1.02 0.00	39.77 2.71 0.00	45.21 3.27 0.00	42.71 3.11 -1.97	45.73 3.49 -0.49	48.96 3.69 0.00	46.67 3.42 0.00	47.21 3.29 0.00	42.60 3.00 0.00	47.42 3.18 0.00	38.66 2.70 0.00	38.37 2.25 -6.26	38.63 1.55 -16.20	43.71 2.24 -12.50	44.30 3.08 0.00	33.46 2.09 0.00	22.56 1.26 0.00	13.55 0.59 0.00
N.Y.C. 61761	4.46 0.23 0.00	6.71 0.36 0.00	12.58 0.59 0.00	-0.01 0.00 0.00	0.21 0.01 0.00	11.74 0.75 0.00	22.01 1.76 0.00	41.35 4.29 0.00	46.99 5.05 0.00	44.35 4.74 -1.99	47.59 5.35 -0.49	50.98 5.70 0.00	48.60 5.35 0.00	49.10 5.18 0.00	44.32 4.72 0.00	49.30 5.06 0.00	40.18 4.22 0.00	39.68 3.50 -6.31	39.64 2.40 -16.35	45.02 3.43 -12.61	45.99 4.77 0.00	34.69 3.33 0.00	23.35 2.05 0.00	13.98 1.02 0.00
NORTH 61755	4.23 0.01 0.00	6.35 0.00 0.00	11.99 0.00 0.00	-0.01 0.00 0.00	0.20 0.00 0.00	10.93 -0.06 0.00	20.04 -0.21 0.00	36.18 -0.88 0.00	40.79 -1.15 0.00	36.56 -1.04 0.02	40.60 -1.14 0.01	44.02 -1.25 0.00	42.10 -1.16 0.00	42.81 -1.12 0.00	38.53 -1.06 0.00	43.11 -1.12 0.00	34.95 -1.02 0.00	28.91 -0.89 0.07	20.19 -0.52 0.17	28.15 -0.70 0.13	40.31 -0.90 0.00	30.77 -0.59 0.00	20.99 -0.31 0.00	12.84 -0.12 0.00
NPX 61845	85.69 0.03 -81.44	31.20 0.04 -24.80	25.47 0.11 -13.37	25.01 0.00 -25.02	25.01 0.00 -24.81	11.30 0.13 -0.18	37.01 0.33 -16.43	36.72 0.32 0.66	148.15 0.37 -105.83	41.35 0.57 -3.15	42.86 0.55 -0.56	45.84 0.56 0.00	43.82 0.57 0.00	44.48 0.56 0.00	40.04 0.45 0.00	44.89 0.65 0.00	36.26 0.30 0.00	37.39 0.30 -7.23	39.82 0.22 -18.71	43.85 0.44 -14.43	41.65 0.44 0.00	31.72 0.36 0.00	21.58 0.28 0.00	36.26 0.30 -23.00
O H 61846	4.53 -0.23 -0.54	6.03 -0.33 0.00	11.44 -0.55 0.00	-0.01 0.00 0.00	0.19 -0.01 0.00	10.43 -0.55 0.00	26.83 -1.12 -7.69	32.55 -1.44 3.07	140.71 -1.54 -100.30	36.75 -2.01 -1.13	39.51 -2.31 -0.08	42.80 -2.47 0.00	40.92 -2.33 0.00	41.54 -2.39 0.00	37.68 -1.92 0.00	41.77 -2.46 0.00	34.55 -1.42 0.00	29.86 -0.97 -0.96	22.55 -0.83 -2.49	29.40 -1.50 -1.92	39.09 -2.12 0.00	29.67 -1.70 0.00	20.14 -1.15 0.00	26.76 -0.86 -14.66
PJM 61847	4.51 -0.26 -0.55	5.98 -0.37 0.00	11.29 -0.70 0.00	-0.01 0.00 0.00	0.19 -0.01 0.00	10.41 -0.58 0.00	28.50 -1.01 -9.26	34.38 -1.25 1.43	144.74 -1.25 -104.05	37.55 -1.33 -1.26	40.35 -1.49 -0.10	43.65 -1.62 0.00	41.63 -1.62 0.00	42.23 -1.70 0.00	38.15 -1.44 0.00	42.44 -1.79 0.00	34.88 -1.08 0.00	30.26 -0.87 -1.26	23.51 -0.65 -3.28	30.51 -0.99 -2.53	39.80 -1.41 0.00	30.10 -1.27 0.00	20.37 -0.93 0.00	27.70 -0.74 -15.48
WEST 61752	3.99 -0.23 0.00	6.03 -0.32 0.00	11.46 -0.53 0.00	-0.01 0.00 0.00	0.19 -0.01 0.00	10.44 -0.55 0.00	19.10 -1.16 0.00	35.59 -1.47 0.00	40.39 -1.55 0.00	35.83 -2.09 -0.30	39.44 -2.38 -0.07	42.75 -2.53 0.00	40.85 -2.40 0.00	41.44 -2.48 0.00	37.62 -1.97 0.00	41.66 -2.58 0.00	34.48 -1.49 0.00	29.78 -1.02 -0.94	22.45 -0.88 -2.44	29.26 -1.60 -1.89	38.99 -2.22 0.00	29.57 -1.79 0.00	20.07 -1.23 0.00	12.04 -0.92 0.00