•

## PSC CASE NO. 2008-00250

Frankfort Electric and Water Plant Board Response to PSC Order Dated: 7-2-2008 Case No. 2008-00250

ITEM 15: System Map

Response: Ex. 1 – System Map

# CASE NO: 2008-00250

## CONTAINS

ş

## LARGE OR OVERSIZED

MAP(S)

RECEIVED ON: August 4, 2008

8/4/2008

# PSC CASE NO. 2008-00250

Frankfort Electric and Water Plant Board Response to PSC Order Dated: 7-2-2008 Case No. 2006-00444

ITEM 16: Gravity fed water mains

Response: There are no gravity fed water mains.

## PSC CASE NO. 2008-00250

### Frankfort Electric and Water Plant Board Response to PSC Order Dated: 7-2-2008 Case No. 2008-00250

ITEM 17:	36 Month Sales and Charges
Response:	17(a): Ex. 1 – 36 month spread sheets showing
	gallons
	17(b): Ex. 2 – 36 month spreadsheet showing charges.

Sum of Water Consumption	Billing Cycle						<u> </u>			
Customer Name	06/08	05/08	04/08	03/08	02/08	01/08	12/07	11/07	10/07	09/07
PEAKSMILL WATER DIST	8010500	6618000	7011100	6436100	6792300	8885900	6876300	6706700	8104800	9318500
	19100	7200	14500	4600	4000	4300	4500	4900	43600	6000
SOUTH ANDERSON WATER DIST	1758700	1510700	1340700	1524900	1395000	3087500	2659600	2489500	3226000	2901400
GEORGETOWN PUMP STATION	13302000	11761000	12059000	8419000	7927000	9757000	16607000	29156000	20611000	26558000
FARMDALE WATER DIST	3235900	3799500	4008100	4739000	4360200	3617700	5183900	4570200	5098800	5129100
	8497000	8070000	8440000	9721000	8077800	11169200	11150000	10092000	12147000	11782000
FARMDALE WATER DISTRICT	5098000	4979000	4031000	5197000	3301000	2959000	3241000	3278000	4392000	4364000
	82500	82700	93800	87400	91400	104600	94900	72000	116400	105800
NORTH SHELBY WATER C	13946000	12340000	13154000	14981000	12909000	16463000	13421000	11290000	15953000	20468000
ELKHORN WATER DIST	5910800	4521900	4440900	5960900	5695600	6608300	4636000	4837200	5422300	7024900
US 60 WATER DISTRICT	9088000	7885600	7996000	9276000	7693900	9286300	8401500	8809700	11291100	11619500
	3631000	3475000	3424000	4075000	3625000	3507000	3868000	3628000	4176000	4520000
Grand Total	72579500	65050600	66013100	70421900	61872200	75449800	76143700	84934200	90582000	103797200

Total Water Consumption - Retail

129417079 110587449 112073303 113861813 107560307 116711072 112162528 118722051 153103826 181454344

08/07	07/07	06/07	05/07	04/07	03/07	02/07	01/07	12/06	11/06	10/06	09/06	08/06	07/06
7443400	5805600	6131800	7053600	6859700	6132800	6779300	7608000	7208000	7099300	6517600	7432600	4256600	5548800
34600	124700	73800	7600	7000	38700	3800	2900	6300	200	11700	21700	655500	556500
3547700	3778900	3539200	2296300	2493400	2563100	2249600	2405700	2363400	2327000	2905400	2804800	2813500	2751300
15461000	13285000	43632000	62327000	8362000	9356000	12499000	8028000	8821000	9814000	10212000	13357000	16110000	14335000
4629200	5602200	4793200	3655600	4167400	4051100	4935500	3395500	3951900	4244400	4478600	5460500	4719300	4147300
12318000	11791000	12351000	9512000	12897200	8191800	5959500	11188500	9910000	9225000	10596000	10003000	11118000	14477200
4168000	4381000	4293000	3001000	2688000	3912000	2896000	3162000	4343000	2403700	3175300	3401000	3785000	3808000
100500	109400	98600	60200	64400	65500	64600	80300	119400	83300	93400	87100	90300	101700
17328000	17809000	15458000	14588000	16071000	17791500	13903500	16910000	13305000	15854000	13721000	13699000	15863000	15633000
6679600	6927800	7076500	5622100	6134200	4200500	1031100	2613700	3748400	5515200	5440400	5932100	5815200	6650200
11049400	9446200	8889800	16140800	12865300	10680800	11010200	11710200	11900600	11431000	9797100	10536000	10821600	9010700
3530000	4145000	1893000	1060000	1029000	971000	1002000	1010000	927000	3333000	4571000	5047000	5877000	5094000
86289400	83205800	108229900	125324200	73638600	67954800	62334100	68114800	66604000	71330100	71519500	77781800	81925000	82113700

153549485 167347369 157263485 122593974 120359143 112924980 108577655 117239244 122430934 122832800 125875727 140633141 152574391 143730931

Sheet 2 of

ω

06/06	05/06	04/06	03/06	02/06	01/06	12/05	11/05	10/05	09/05	08/05	07/05	Grand Total
5605900	6792800	6393900	7223600	4486000	8351400	6429600	6620900	6307300	6098900	3644100	3300600	237892300
178000	23800	24700	28600	23100	115300	20700	21800	432900	441900	777600	4249200	7995300
2424300	2090700	1990200	1911400	1701000	2121900	2053800	2486000	2994800	3435900	3580700	3722400	91246400
21672000	12823000	9566000	9601000	7980000	7970000	10941000	38777000	38054000	19381000	22132000	21002000	621655000
4312700	4469800	3645000	5467400	3410800	5415700	4071500	4780900	5225100	5390500	5837300	6240400	164241200
6288800	10145000	9642000	10424000	9548000	12467000	10528000	10767000	13174500	11627500	12109000	11655000	377060000
3457000	3297000	7890000	7419000	6916000	7085000	5930000	7851000	7959000	6975000	4745000	6116000	165897000
68700	86900	63300	68500	67000	71700	158900	81400	107000	118300	137000	179000	3357900
16447000	16144000	12821000	16572000	15525000	17049000	15206000	15661000	15294000	19000000	16519000	17759000	556856000
5693800	4978600	5196200	5218500	6369700	7668200	7302100	6707700	8886000	9102700	8716800	8875200	213161300
11579100	9907800	8690200	11261700	10369000	12454300	11194200	11470200	13295900	13025500	12280700	14934400	387100300
4731300	4626700	4111000	4091000	4298000	4760000	4199000	4872000	6759500	4027500	4472000	4252000	132618000
82458600	75386100	70033500	79286700	70693600	85529500	78034800	110096900	118490000	98624700	94951200	102285200	2959080700

135693616 118812387 115686827 223361321 109415676 126727627 118193249 135898236 190027110 175765709 183428834 175554727 4932152350

Sum of Water Charge \$	Billi	ng Cycle					00/00	04/00	12/07	11/07	10/07	09/07	08/07
Customer Name		06/08	05/0	08	04/08	03/08	02/08	01/08	the second s			\$ 14,807.09	\$ 11,827.56
PEAKSMILL WATER DIST	\$	12,728.68	\$ 10,5	16.00	\$ 11,140.64	\$ 10,226.96	\$ 10,792.97	\$ 14,119.70	\$ 10,926.45	\$ 10,656.95	\$ 12,878.53		
	5	30.35	\$	11.44	\$ 23.05	\$ 7.31	\$ 6.36	\$ 6.84	\$ 7.15	\$ 7.79	\$ 69.28	\$ 9.53	\$ 54.98
SOUTH ANDERSON WATER DIST	ŝ	2.794.58	\$ 2.4	00.51	\$ 2,130.38	\$ 2,423.06	\$ 2,216.66	\$ 4,906.04	\$ 4,226.10	\$ 3,955.82	\$ 5,126.11	\$ 4,610.32	\$ 5,637.30
GEORGETOWN PUMP STATION	s	21.935.00	\$ 19.3	93.89	\$ 19,885.29	\$ 13,882.93	\$ 13,071.62	\$ 16,089.29	\$ 27,074.79	\$ 45,348.14	\$ 32,904.62	\$ 41,563.45	\$ 25,406.22
FARMDALE WATER DIST	ŝ	5,141.85	\$ 60	37.41	\$ 6.368.87	\$ 7,530,27	\$ 6,928.36	\$ 5,748.53	\$ 8,237.22	\$ 7,262.05	\$ 8,101.99	\$ 8,150.14	\$ 7,355.80
FARMDALE WATER DIST	10	13,501,73		23.23	\$ 13,411,16	\$ 15,446,67	\$ 12,835.62	\$ 17,747.86	\$ 17,717.35	\$ 16,036.19	\$ 19,301.58	\$ 18,721.60	\$ 19,573.30
FARMDALE WATER DISTRICT	15	8.100.72	\$ 7.9	11.63	\$ 6,405,26	\$ 8.258.03	\$ 5,245.29	\$ 4,701.85	\$ 5,149.95	\$ 5,208.74	\$ 6,978.89	\$ 6,934.40	\$ 6,622.95
	s	131.09		31.42	\$ 149.05	\$ 138.88	\$ 145.23	\$ 166.21	\$ 150.79	\$ 114.41	\$ 184.96	\$ 168.12	\$ 159.70
NORTH SHELBY WATER C	15	22,160,19		08.26	\$ 20.901.71	\$ 23.804.81	\$ 20,512.40	\$ 26,159.71	\$ 21,325.97	\$ 17,939.81	\$ 25,349.32	\$ 32,523.65	\$ 27,534.19
ELKHORN WATER DIST	ŝ	9,392,26		85.30	\$ 7.056.59	\$ 9.471.87	\$ 9,050.31	\$ 10,500.59	\$ 7,366.60	\$ 7,686.31	\$ 8,616.04	\$ 11,162.56	\$ 10,613.88
US 60 WATER DISTRICT	te	14,440.83		530.22	\$ 12,705.64	\$ 14,739,56	\$ 12,225,61	\$ 14,755.94	\$ 13,349.99	\$ 13,998.61	\$ 17,941.56	\$ 18,463.39	\$ 17,557.50
IS SO WATER DISTRICT	1÷	5,769.66		521.77	\$ 5,440.74	\$ 8,475.17	\$ 5,760,13	\$ 5,572.62	\$ 6,148.25	\$ 5,764.89	\$ 6,635.66	\$ 7,182.28	\$ 5,609.17
Grand Total	15		\$104.0	_	\$105.618.38	\$112,405.52	\$ 98,790,56			\$133,977.71	\$144,088.54	\$164,296.53	\$137,952.55
Grand Total	1.4	1101120104	<u> </u>										£ 000 000 00

Total Water Charge - Retail \$ 526,193.34 \$529,530.79 \$498,603.11 \$464,463.39 \$464,486.93 \$497,420.37 \$491,475.33 \$513,001.81 \$472,894.75 \$835,693.57 \$609,092.99

07/07	06/07	05/07	04/07	03/07	02/07	01/07	12/06	11/06	10/06	09/06	08/06	07/06
\$ 9,225.10	\$ 9,743.43	\$ 11,208.17	\$ 10,900.06	\$ 9,745.02	\$ 10,772.30	\$ 12,089.11	\$ 11,453.51	\$ 11,280.78	\$ 10,358.47	\$ 11,810.40	\$ 6,763.74	\$ 8,817.04
\$ 198.15	\$ 117.27	\$ 12.08	\$ (729.75)	\$ 613.99	\$ 61.34	\$ 46.08	\$ 99.15	\$ 5.57	\$ 18.60	\$ 34.48	\$ 1,041.59	\$ 884.28
\$ 6,004.68	\$ 5,623.79	\$ 3,648.83	\$ 3,962.01	\$ 4,072.77	\$ 3,574.61	\$ 3,822.66	\$ 3,755.44	\$ 3,697.60	\$ 4,616.68	\$ 4,456.83	\$ 4,470.66	\$ 4,371.81
\$ 21,906.97	\$ 66,423.19	\$ 93,643.11	\$ 13,788.94	\$ 15,428.04	\$ 20,610.85	\$ 13,238.17	\$ 14,545.83	\$ 16,183.29	\$ 16,839.59	\$ 22,025.69	\$ 26,351.16	\$ 23,638.41
\$ 8,901.90	\$ 7,616.39	\$ 5,808.75	\$ 6,622.00	\$ 6,437.20	\$ 7,842.51	\$ 5,395.45	\$ 6,279.57	\$ 6,744.35	\$ 7,116.50	\$ 8,676.74	\$ 7,498.96	\$ 6,590.05
\$ 18,735.90	\$ 19,625.74	\$ 15,114.57	\$ 20,493.65	\$ 13,016.77	\$ 9,469.65	\$ 17,778.53	\$ 15,746.99	\$ 14,658.53	\$ 16,837.04	\$ 15,894.77	\$ 17,666.50	\$ 23,004.27
\$ 6,961.41	\$ 6,821.58	\$ 4,768.59	\$ 4,271.23	\$ 6,216.17	\$ 4,601.74	\$ 5,024.42	\$ 6,901.03	\$ 3,819.47	\$ 5,045.56	\$ 5,404.19	\$ 6,014.37	\$ 6,050.91
\$ 173.84	\$ 142.15	\$ 109.96	\$ 102.33	\$ 104.08	\$ 102.65	\$ 127.60	\$ 189.73	\$ 132.36	<b>\$</b> 148.41	\$ 138.41	\$ 143.49	\$ 161.60
\$ 28,298.50	\$ 24,562.76	\$ 23,180.33	\$ 25,536.82	\$ 28,270.70	\$ 22,092.67	\$ 26,869.99	\$ 21,141.65	\$ 25,192.01	\$ 21,802.67	\$ 21,767.71	\$ 25,206.31	\$ 24,840.84
\$ 11,008.27	\$ 11,244.56	\$ 8,933.51	\$ 12,747.24	\$ 11,820.93	\$_1,638.42	\$ 4,153.16	\$ 5,956.21	\$ 8,763.65	\$ 8,644.80	\$ 9,426.10	\$ 9,240.35	\$ 10,567.17
\$ 15,010.01	\$ 14,125.89	\$ 25,647.73	\$ 20,442.96	\$ 16,971.79	\$ 17,495.21	\$ 18,607.51	\$ 18,910.05	\$ 18,163.86	\$ 15,567.60	\$ 16,741.70	\$ 17,195.52	\$ 14,318.01
\$ 6,586.41	\$ 3,007.98	\$ 1,684.34	\$ 1,635.08	\$ 1,542.92	\$ 1,592.18	\$ 1,604.89	\$ 1,473.00	\$ 5,296.14	\$ 7,263.32	\$ 8,019.68	\$ 9,338.55	\$ 8,094.37
\$133,011.14	\$169,054.73	\$193,759.97	\$119,772.57	\$114,240.38	\$ 99,854.13	\$108,757.57	\$106,452.16	\$113,937.61	\$114,257.24	\$124,396.70	\$130,931.20	\$131,338.76

\$652,166.22 \$625,153.29 \$512,152.34 \$399,204.61 \$585,164.65 \$470,092.26 \$461,284.85 \$538,728.99 \$498,169.14 \$500,817.80 \$596,211.88 \$594,221.63 \$585,016.55

05/06	04/06	03/06	02/06	01/06	12/05	11/05	10/05	09/05	08/05	07/05	Grand Total
10,793.76	<u>\$ 10,159.91</u>	\$ 11,478.30	<u>\$ 7,128.25</u>	\$ 13,270.37	\$ 10,216.63	\$ 10,520.61	\$ 10,022.29	\$ 9,691.15	\$ 5,790.47	\$ 5,270.67	\$ 378,036.85
37.82	\$ 39.25	\$ 45.45	\$ 36.71	\$ 183.21	\$ 32.90	\$ 34.64	\$ 687.87	\$ 680.48	\$ 1,198.43	\$ 6,695.87	
3,322.13	\$ 3,162.43	\$ 3,037.21	\$ 2,702.89	\$ 3,371.70	\$ 3,263.49	\$ 3,950.25	\$ 4,758.74	\$ 5,453.46	\$ 5,683.25	\$ 5,908.22	
21,145.13	<b>\$</b> 15,774. <b>3</b> 3	\$ 15,832.05	\$ 13,159.02	\$ 13,142.53	\$ 18,041.71	\$ 59,354.31	\$ 59,945.10	\$ 32,869.70	\$ 35,119,19	\$ 33,473,91	
7,102.51	\$ 5,791.91	\$ 8,687.70	\$ 5,419.76	\$ 8,605.55	\$ 6,469.62	\$ 7,596.85	\$ 8,302.69	\$ 8,565.51	\$ 9,251.23	\$ 9,891,66	
16,120.41	\$ 15,321.14	\$ 16,563.74	\$ 15,171.77	\$ 19,810.06	\$ 16,728.99	\$ 17,108.76	\$ 20,934.28	\$ 18,476,10	\$ 19.241.20	\$ 18,519,79	
5,238.93	\$ 12,537.21	\$ 11,788.79	\$ 10,989.52	\$ 11,258.07	\$ 9,422.77	\$ 12,475.24	\$ 12,648.85	\$ 11,083.27	\$ 7,539.81	\$ 9.718.32	
138.09	\$ 100.58	\$ 108.84	\$ 106.46	\$ 113.94	\$ 252.49	\$ 129.34	\$ 170.02	\$ 187.98	\$ 211.14	and the second	
25,652.82	\$ 20,372.57	\$ 26,332.91	\$ 24,669.23	\$ 27,090.86	\$ 24,162.33	\$ 24,885.33	\$ 24,302.17	\$ 30,191.00	\$ 26,248,69		and the second
7,911.00	\$ 8,256.76	\$ 8,292.19	\$ 10,121.45	\$ 12,184.77	\$ 11,603.03	\$ 10,658.53	\$ 14,119.85	\$ 14,451,61	\$ 13.840.63		
15,743.49	\$ 13,808.73	\$ 17,894.84	\$ 16,476.34	\$ 19,789.89	\$ 17,787.58	\$ 18,226.15	\$ 21,127,19	\$ 20.697.52	\$ 19,514.04		
7,351.83	\$ 6,532.38	\$ 6,500.60	\$ 6,829.52	\$ 7,563.64	\$ 6,672.21	\$ 7,741.61	\$ 10,740.85	\$ 6,399,70	\$ 7.106.01		
20,557.92	\$111,857.20	\$126,562.62	\$112,810.92	\$136,384.59	\$124,653.75	\$172,681.62	\$187,757,90				
	10,793.76 37.82 3,322.13 21,145.13 7,102.51 18,120.41 5,238.93 138.09 25,652.82 7,911.00 15,743.49 7,351.83	10,793.76         \$ 10,159.91           37.82         \$ 39.25           3,322.13         \$ 3,162.43           21,145.13         \$ 15,774.33           7,102.51         \$ 5,791.91           16,120.41         \$ 15,321.14           5,238.93         \$ 12,537.21           138.09         \$ 100.58           25,652.82         \$ 20,372.57           7,911.00         \$ 8,256.76           15,743.49         \$ 13,808.73           7,351.83         \$ 6,532.38	10,793.76         \$ 10,159.91         \$ 11,478.30           37.82         \$ 39.25         \$ 45.45           3,322.13         \$ 3,162.43         \$ 3,037.21           21,145.13         \$ 15,774.33         \$ 15,832.05           7,102.51         \$ 5,791.91         \$ 8,887.70           18,120.41         \$ 15,537.21         \$ 11,788.79           138.09         \$ 100.58         \$ 108.84           25,652.82         \$ 20,372.57         \$ 26,332.91           7,911.00         \$ 8,256.76         \$ 8,292.19           15,743.49         \$ 13,808.73         \$ 17,894.84           7,351.83         \$ 6,532.38         \$ 6,500.60	10,793.76         \$         10,159.91         \$         11,478.30         \$         7,128.25           37.82         \$         39.25         \$         45.45         \$         36.71           3,322.13         \$         3,162.43         \$         3,037.21         \$         2,702.89           21,145.13         \$         15,774.33         \$         15,832.05         \$         13,159.02           7,102.51         \$         5,791.91         \$         8,887.70         \$         5,419.76           18,120.41         \$         15,321.14         \$         16,563.74         \$         15,171.77           5,238.93         \$         12,537.21         \$         11,788.79         \$         10,989.52           138.09         \$         100.58         \$         108.84         \$         106.46           25,652.82         \$         20,372.57         \$         26,332.91         \$         24,669.23           7,911.00         \$         8,256.76         \$         8,222.19         \$         10,121.45           15,743.49         \$         13,808.73         \$         17,394.84         \$         16,476.34           7,351.83         \$	10,793.76       \$ 10,159.91       \$ 11,478.30       \$ 7,128.25       \$ 13,270.37         37.82       \$ 39.25       \$ 45.45       \$ 36.71       \$ 183.21         3,322.13       \$ 3,162.43       \$ 3,037.21       \$ 2,702.89       \$ 3,371.70         21,145.13       \$ 15,774.33       \$ 15,832.05       \$ 13,159.02       \$ 13,142.53         7,102.51       \$ 5,791.91       \$ 8,687.70       \$ 5,419.76       \$ 8,605.55         18,120.41       \$ 15,321.14       \$ 16,563.74       \$ 15,171.77       \$ 19,810.06         5,238.93       \$ 12,537.21       \$ 11,788.79       \$ 10,989.52       \$ 11,258.07         138.09       \$ 100.58       \$ 108.84       \$ 106.46       \$ 113.94         25,652.82       \$ 20,372.57       \$ 26,332.91       \$ 24,669.23       \$ 27,090.86         7,911.00       \$ 8,256.76       \$ 8,292.19       \$ 10,121.45       \$ 12,184.77         15,743.49       \$ 13,808.73       \$ 17,894.84       \$ 16,476.34       \$ 19,789.89         7,351.83       \$ 6,532.38       \$ 6,500.60       \$ 6,829.52       \$ 7,563.64	10,793.76       \$ 10,159.91       \$ 11,478.30       \$ 7,128.25       \$ 13,270.37       \$ 10,216.63         37.82       \$ 39.25       \$ 45.45       \$ 36.71       \$ 183.21       \$ 32.90         3,322.13       \$ 3,162.43       \$ 3,037.21       \$ 2,702.89       \$ 3,371.70       \$ 3,263.49         21,145.13       \$ 15,774.33       \$ 15,832.05       \$ 13,159.02       \$ 13,142.53       \$ 18,041.71         7,102.51       \$ 5,791.91       \$ 8,687.70       \$ 5,419.76       \$ 8,605.55       \$ 6,469.62         16,120.41       \$ 15,321.14       \$ 16,563.74       \$ 15,171.77       \$ 19,810.06       \$ 16,728.99         5,238.93       \$ 12,537.21       \$ 11,788.79       \$ 10,889.52       \$ 11,258.07       \$ 9,422.77         138.09       \$ 100.58       \$ 108.84       \$ 106.46       \$ 113.94       \$ 252.49         25,652.82       \$ 20,372.57       \$ 26,332.91       \$ 24,669.23       \$ 27,090.86       \$ 24,162.33         7,911.00       \$ 8,256.76       \$ 8,292.19       \$ 10,121.45       \$ 12,184.77       \$ 11,603.03         15,743.49       \$ 13,808.73       \$ 17,894.84       \$ 16,476.34       \$ 19,789.89       \$ 17,787.58         7,351.83       \$ 6,532.38       \$ 6,500.60       \$ 6,829.52       \$ 7	10,793.76       \$ 10,159.91       \$ 11,478.30       \$ 7,128.25       \$ 13,270.37       \$ 10,216.63       \$ 10,520.61         37.82       \$ 39.25       \$ 45.45       \$ 36.71       \$ 183.21       \$ 32.90       \$ 34.64         3,322.13       \$ 3,162.43       \$ 3,037.21       \$ 2,702.89       \$ 3,371.70       \$ 3,263.49       \$ 3,950.25         21,145.13       \$ 15,774.33       \$ 15,832.05       \$ 13,159.02       \$ 13,142.53       \$ 18,041.71       \$ 59,354.31         7,102.51       \$ 5,791.91       \$ 8,887.70       \$ 5,419.76       \$ 8,065.55       \$ 6,469.62       \$ 7,596.85         16,120.41       \$ 15,37.21       \$ 11,788.79       \$ 10,989.52       \$ 11,258.07       \$ 9,422.77       \$ 12,475.24         138.09       \$ 100.58       \$ 108.84       \$ 106.46       \$ 113.94       \$ 252.49       \$ 129.34         25,652.22       \$ 20,372.57       \$ 26,332.91       \$ 24,669.23       \$ 27,090.86       \$ 24,162.33       \$ 24,885.33         7,911.00       \$ 8,256.76       \$ 8.292.19       \$ 10,121.45       \$ 12,184.77       \$ 11,603.03       \$ 10,656.53         15,743.49       \$ 13,808.73       \$ 17,894.84       \$ 16,476.34       \$ 19,789.89       \$ 17,787.58       \$ 18,226.15       7,741.61 <td>10.793.76       \$ 10,159.91       \$ 11,478.30       \$ 7,128.25       \$ 13,270.37       \$ 10,216.63       \$ 10,520.61       \$ 10,022.29         37.82       \$ 39.25       \$ 45.45       \$ 36.71       \$ 183.21       \$ 32.90       \$ 34.64       \$ 687.87         3,322.13       \$ 3,162.43       \$ 3,037.21       \$ 2,702.89       \$ 3,371.70       \$ 3,263.49       \$ 3,950.25       \$ 4,758.74         21,145.13       \$ 15,774.33       \$ 15,832.05       \$ 13,159.02       \$ 13,142.53       \$ 18,041.71       \$ 59,354.31       \$ 59,945.10         7,102.51       \$ 5,791.91       \$ 8,887.70       \$ 5,419.76       \$ 8,605.55       \$ 6,469.62       \$ 7,596.85       \$ 8,302.69         16,120.41       \$ 15,537.21       \$ 11,788.79       \$ 10,889.52       \$ 11,280.07       \$ 9,422.77       \$ 12,475.24       \$ 12,648.85         5,238.93       \$ 12,0372.57       \$ 26,332.91       \$ 24,669.23       \$ 27,090.86       \$ 24,162.33       \$ 24,885.33       \$ 24,002.17         7,911.00       \$ 8,256.76       \$ 8,292.19       \$ 10,121.45       \$ 12,184.77       \$ 11,603.03       \$ 10,656.53       \$ 14,119.85         15,743.49       \$ 13,808.73       \$ 17,894.84       \$ 16,476.34       \$ 19,789.89       \$ 17,787.58       \$ 18,226.15       \$ 21,127.19<td>10.793.76       \$ 10,159.91       \$ 11,478.30       \$ 7,128.25       \$ 13,270.37       \$ 10,216.63       \$ 10,520.61       \$ 10,022.29       \$ 9,661.15         37.82       \$ 39.25       \$ 45.45       \$ 36.71       \$ 183.21       \$ 32.90       \$ 34.64       \$ 687.87       \$ 680.48         3,322.13       \$ 3,162.43       \$ 3,037.21       \$ 2,702.89       \$ 3,371.70       \$ 3,263.49       \$ 3,950.25       \$ 4,758.74       \$ 5,453.46         21,145.13       \$ 15,774.33       \$ 15,832.05       \$ 13,159.02       \$ 13,142.53       \$ 18,041.71       \$ 59,945.10       \$ 32,869.70         7,102.51       \$ 5,791.91       \$ 8,687.70       \$ 5,419.76       \$ 8,605.55       \$ 6,469.62       \$ 7,596.85       \$ 8,302.69       \$ 8,565.51         18,120.41       \$ 15,537.21       \$ 11,788.79       \$ 10,989.52       \$ 11,258.07       \$ 9,422.77       \$ 12,475.24       \$ 12,646.85       \$ 11,083.27         138.09       \$ 100.58       \$ 108.84       \$ 106.46       \$ 113.94       \$ 225.49       \$ 24,485.33       \$ 24,302.17       \$ 30,191.00         7,911.00       \$ 8,256.76       \$ 8,292.19       \$ 10,121.45       \$ 12,184.77       \$ 11,603.03       \$ 10,658.53       \$ 14,119.85       \$ 14,451.61         15,743.49       \$ 13,808.73&lt;</td><td>10.793.76       \$ 10,159.91       \$ 11,478.30       \$ 7,128.25       \$ 13,270.37       \$ 10,216.63       \$ 10,520.61       \$ 10,022.29       \$ 9,691.15       \$ 5,790.47         37.82       \$ 39.25       \$ 45.45       \$ 36.71       \$ 183.21       \$ 32.90       \$ 34.64       \$ 687.87       \$ 680.48       \$ 1,198.43         3,322.13       \$ 3,162.43       \$ 3,037.21       \$ 2,702.89       \$ 3,371.70       \$ 3,263.49       \$ 3,950.25       \$ 4,758.74       \$ 5,453.46       \$ 5,683.25         21,145.13       \$ 15,774.33       \$ 15,832.05       \$ 13,159.02       \$ 13,142.53       \$ 18,041.71       \$ 59,945.10       \$ 32,869.70       \$ 35,119.19         7,102.51       \$ 5,791.91       \$ 8,687.70       \$ 5,419.76       \$ 8,605.55       \$ 6,469.62       \$ 7,596.85       \$ 8,302.69       \$ 8,565.51       \$ 9,251.23         16,120.41       \$ 15,37.21       \$ 11,788.79       \$ 10,989.52       \$ 11,258.07       \$ 9,422.77       \$ 12,475.24       \$ 12,646.85       \$ 11,083.27       \$ 7,539.81         138.09       \$ 100.58       \$ 108.84       \$ 106.46       \$ 113.94       \$ 225.49       \$ 12,475.24       \$ 12,646.85       \$ 11,083.27       \$ 7,539.81         25,652.82       \$ 20,372.57       \$ 26,332.91       \$ 24,669.23       \$ 27,0</td><td>10.793.76       \$ 10,159.91       \$ 11,478.30       \$ 7,128.25       \$ 13,270.37       \$ 10,216.63       \$ 10,520.61       \$ 10,022.29       \$ 9,691.15       \$ 5,790.47       \$ 5,270.67         37.82       \$ 39.25       \$ 45.45       \$ 36.71       \$ 183.21       \$ 32.90       \$ 34.64       \$ 687.87       \$ 680.48       \$ 1,198.43       \$ 6,695.87         3.322.13       \$ 3,162.43       \$ 3,037.21       \$ 2,702.89       \$ 3,371.70       \$ 3,263.49       \$ 3,950.25       \$ 4,758.74       \$ 5,453.46       \$ 5,683.25       \$ 5,908.22         21,145.13       \$ 15,774.33       \$ 15,832.05       \$ 13,159.02       \$ 13,142.53       \$ 18,041.71       \$ 59,354.31       \$ 59,945.10       \$ 32,869.70       \$ 35,119.19       \$ 33,473.91         7,102.51       \$ 5,791.91       \$ 8,687.70       \$ 5,419.76       \$ 8,605.55       \$ 6,469.62       \$ 7,596.85       \$ 8,302.69       \$ 8,565.51       \$ 9,251.23       \$ 9,891.66         16,120.41       \$ 15,372.1       \$ 11,777       \$ 19,810.06       \$ 18,728.99       \$ 17,108.76       \$ 20,934.28       \$ 18,476.10       \$ 19,241.20       \$ 18,519.79         5,238.93       \$ 10,553.71       \$ 10,989.52       \$ 11,258.07       \$ 9,422.77       \$ 12,475.24       \$ 12,648.65       \$ 11,083.27       \$ 7,539.81&lt;</td></td>	10.793.76       \$ 10,159.91       \$ 11,478.30       \$ 7,128.25       \$ 13,270.37       \$ 10,216.63       \$ 10,520.61       \$ 10,022.29         37.82       \$ 39.25       \$ 45.45       \$ 36.71       \$ 183.21       \$ 32.90       \$ 34.64       \$ 687.87         3,322.13       \$ 3,162.43       \$ 3,037.21       \$ 2,702.89       \$ 3,371.70       \$ 3,263.49       \$ 3,950.25       \$ 4,758.74         21,145.13       \$ 15,774.33       \$ 15,832.05       \$ 13,159.02       \$ 13,142.53       \$ 18,041.71       \$ 59,354.31       \$ 59,945.10         7,102.51       \$ 5,791.91       \$ 8,887.70       \$ 5,419.76       \$ 8,605.55       \$ 6,469.62       \$ 7,596.85       \$ 8,302.69         16,120.41       \$ 15,537.21       \$ 11,788.79       \$ 10,889.52       \$ 11,280.07       \$ 9,422.77       \$ 12,475.24       \$ 12,648.85         5,238.93       \$ 12,0372.57       \$ 26,332.91       \$ 24,669.23       \$ 27,090.86       \$ 24,162.33       \$ 24,885.33       \$ 24,002.17         7,911.00       \$ 8,256.76       \$ 8,292.19       \$ 10,121.45       \$ 12,184.77       \$ 11,603.03       \$ 10,656.53       \$ 14,119.85         15,743.49       \$ 13,808.73       \$ 17,894.84       \$ 16,476.34       \$ 19,789.89       \$ 17,787.58       \$ 18,226.15       \$ 21,127.19 <td>10.793.76       \$ 10,159.91       \$ 11,478.30       \$ 7,128.25       \$ 13,270.37       \$ 10,216.63       \$ 10,520.61       \$ 10,022.29       \$ 9,661.15         37.82       \$ 39.25       \$ 45.45       \$ 36.71       \$ 183.21       \$ 32.90       \$ 34.64       \$ 687.87       \$ 680.48         3,322.13       \$ 3,162.43       \$ 3,037.21       \$ 2,702.89       \$ 3,371.70       \$ 3,263.49       \$ 3,950.25       \$ 4,758.74       \$ 5,453.46         21,145.13       \$ 15,774.33       \$ 15,832.05       \$ 13,159.02       \$ 13,142.53       \$ 18,041.71       \$ 59,945.10       \$ 32,869.70         7,102.51       \$ 5,791.91       \$ 8,687.70       \$ 5,419.76       \$ 8,605.55       \$ 6,469.62       \$ 7,596.85       \$ 8,302.69       \$ 8,565.51         18,120.41       \$ 15,537.21       \$ 11,788.79       \$ 10,989.52       \$ 11,258.07       \$ 9,422.77       \$ 12,475.24       \$ 12,646.85       \$ 11,083.27         138.09       \$ 100.58       \$ 108.84       \$ 106.46       \$ 113.94       \$ 225.49       \$ 24,485.33       \$ 24,302.17       \$ 30,191.00         7,911.00       \$ 8,256.76       \$ 8,292.19       \$ 10,121.45       \$ 12,184.77       \$ 11,603.03       \$ 10,658.53       \$ 14,119.85       \$ 14,451.61         15,743.49       \$ 13,808.73&lt;</td> <td>10.793.76       \$ 10,159.91       \$ 11,478.30       \$ 7,128.25       \$ 13,270.37       \$ 10,216.63       \$ 10,520.61       \$ 10,022.29       \$ 9,691.15       \$ 5,790.47         37.82       \$ 39.25       \$ 45.45       \$ 36.71       \$ 183.21       \$ 32.90       \$ 34.64       \$ 687.87       \$ 680.48       \$ 1,198.43         3,322.13       \$ 3,162.43       \$ 3,037.21       \$ 2,702.89       \$ 3,371.70       \$ 3,263.49       \$ 3,950.25       \$ 4,758.74       \$ 5,453.46       \$ 5,683.25         21,145.13       \$ 15,774.33       \$ 15,832.05       \$ 13,159.02       \$ 13,142.53       \$ 18,041.71       \$ 59,945.10       \$ 32,869.70       \$ 35,119.19         7,102.51       \$ 5,791.91       \$ 8,687.70       \$ 5,419.76       \$ 8,605.55       \$ 6,469.62       \$ 7,596.85       \$ 8,302.69       \$ 8,565.51       \$ 9,251.23         16,120.41       \$ 15,37.21       \$ 11,788.79       \$ 10,989.52       \$ 11,258.07       \$ 9,422.77       \$ 12,475.24       \$ 12,646.85       \$ 11,083.27       \$ 7,539.81         138.09       \$ 100.58       \$ 108.84       \$ 106.46       \$ 113.94       \$ 225.49       \$ 12,475.24       \$ 12,646.85       \$ 11,083.27       \$ 7,539.81         25,652.82       \$ 20,372.57       \$ 26,332.91       \$ 24,669.23       \$ 27,0</td> <td>10.793.76       \$ 10,159.91       \$ 11,478.30       \$ 7,128.25       \$ 13,270.37       \$ 10,216.63       \$ 10,520.61       \$ 10,022.29       \$ 9,691.15       \$ 5,790.47       \$ 5,270.67         37.82       \$ 39.25       \$ 45.45       \$ 36.71       \$ 183.21       \$ 32.90       \$ 34.64       \$ 687.87       \$ 680.48       \$ 1,198.43       \$ 6,695.87         3.322.13       \$ 3,162.43       \$ 3,037.21       \$ 2,702.89       \$ 3,371.70       \$ 3,263.49       \$ 3,950.25       \$ 4,758.74       \$ 5,453.46       \$ 5,683.25       \$ 5,908.22         21,145.13       \$ 15,774.33       \$ 15,832.05       \$ 13,159.02       \$ 13,142.53       \$ 18,041.71       \$ 59,354.31       \$ 59,945.10       \$ 32,869.70       \$ 35,119.19       \$ 33,473.91         7,102.51       \$ 5,791.91       \$ 8,687.70       \$ 5,419.76       \$ 8,605.55       \$ 6,469.62       \$ 7,596.85       \$ 8,302.69       \$ 8,565.51       \$ 9,251.23       \$ 9,891.66         16,120.41       \$ 15,372.1       \$ 11,777       \$ 19,810.06       \$ 18,728.99       \$ 17,108.76       \$ 20,934.28       \$ 18,476.10       \$ 19,241.20       \$ 18,519.79         5,238.93       \$ 10,553.71       \$ 10,989.52       \$ 11,258.07       \$ 9,422.77       \$ 12,475.24       \$ 12,648.65       \$ 11,083.27       \$ 7,539.81&lt;</td>	10.793.76       \$ 10,159.91       \$ 11,478.30       \$ 7,128.25       \$ 13,270.37       \$ 10,216.63       \$ 10,520.61       \$ 10,022.29       \$ 9,661.15         37.82       \$ 39.25       \$ 45.45       \$ 36.71       \$ 183.21       \$ 32.90       \$ 34.64       \$ 687.87       \$ 680.48         3,322.13       \$ 3,162.43       \$ 3,037.21       \$ 2,702.89       \$ 3,371.70       \$ 3,263.49       \$ 3,950.25       \$ 4,758.74       \$ 5,453.46         21,145.13       \$ 15,774.33       \$ 15,832.05       \$ 13,159.02       \$ 13,142.53       \$ 18,041.71       \$ 59,945.10       \$ 32,869.70         7,102.51       \$ 5,791.91       \$ 8,687.70       \$ 5,419.76       \$ 8,605.55       \$ 6,469.62       \$ 7,596.85       \$ 8,302.69       \$ 8,565.51         18,120.41       \$ 15,537.21       \$ 11,788.79       \$ 10,989.52       \$ 11,258.07       \$ 9,422.77       \$ 12,475.24       \$ 12,646.85       \$ 11,083.27         138.09       \$ 100.58       \$ 108.84       \$ 106.46       \$ 113.94       \$ 225.49       \$ 24,485.33       \$ 24,302.17       \$ 30,191.00         7,911.00       \$ 8,256.76       \$ 8,292.19       \$ 10,121.45       \$ 12,184.77       \$ 11,603.03       \$ 10,658.53       \$ 14,119.85       \$ 14,451.61         15,743.49       \$ 13,808.73<	10.793.76       \$ 10,159.91       \$ 11,478.30       \$ 7,128.25       \$ 13,270.37       \$ 10,216.63       \$ 10,520.61       \$ 10,022.29       \$ 9,691.15       \$ 5,790.47         37.82       \$ 39.25       \$ 45.45       \$ 36.71       \$ 183.21       \$ 32.90       \$ 34.64       \$ 687.87       \$ 680.48       \$ 1,198.43         3,322.13       \$ 3,162.43       \$ 3,037.21       \$ 2,702.89       \$ 3,371.70       \$ 3,263.49       \$ 3,950.25       \$ 4,758.74       \$ 5,453.46       \$ 5,683.25         21,145.13       \$ 15,774.33       \$ 15,832.05       \$ 13,159.02       \$ 13,142.53       \$ 18,041.71       \$ 59,945.10       \$ 32,869.70       \$ 35,119.19         7,102.51       \$ 5,791.91       \$ 8,687.70       \$ 5,419.76       \$ 8,605.55       \$ 6,469.62       \$ 7,596.85       \$ 8,302.69       \$ 8,565.51       \$ 9,251.23         16,120.41       \$ 15,37.21       \$ 11,788.79       \$ 10,989.52       \$ 11,258.07       \$ 9,422.77       \$ 12,475.24       \$ 12,646.85       \$ 11,083.27       \$ 7,539.81         138.09       \$ 100.58       \$ 108.84       \$ 106.46       \$ 113.94       \$ 225.49       \$ 12,475.24       \$ 12,646.85       \$ 11,083.27       \$ 7,539.81         25,652.82       \$ 20,372.57       \$ 26,332.91       \$ 24,669.23       \$ 27,0	10.793.76       \$ 10,159.91       \$ 11,478.30       \$ 7,128.25       \$ 13,270.37       \$ 10,216.63       \$ 10,520.61       \$ 10,022.29       \$ 9,691.15       \$ 5,790.47       \$ 5,270.67         37.82       \$ 39.25       \$ 45.45       \$ 36.71       \$ 183.21       \$ 32.90       \$ 34.64       \$ 687.87       \$ 680.48       \$ 1,198.43       \$ 6,695.87         3.322.13       \$ 3,162.43       \$ 3,037.21       \$ 2,702.89       \$ 3,371.70       \$ 3,263.49       \$ 3,950.25       \$ 4,758.74       \$ 5,453.46       \$ 5,683.25       \$ 5,908.22         21,145.13       \$ 15,774.33       \$ 15,832.05       \$ 13,159.02       \$ 13,142.53       \$ 18,041.71       \$ 59,354.31       \$ 59,945.10       \$ 32,869.70       \$ 35,119.19       \$ 33,473.91         7,102.51       \$ 5,791.91       \$ 8,687.70       \$ 5,419.76       \$ 8,605.55       \$ 6,469.62       \$ 7,596.85       \$ 8,302.69       \$ 8,565.51       \$ 9,251.23       \$ 9,891.66         16,120.41       \$ 15,372.1       \$ 11,777       \$ 19,810.06       \$ 18,728.99       \$ 17,108.76       \$ 20,934.28       \$ 18,476.10       \$ 19,241.20       \$ 18,519.79         5,238.93       \$ 10,553.71       \$ 10,989.52       \$ 11,258.07       \$ 9,422.77       \$ 12,475.24       \$ 12,648.65       \$ 11,083.27       \$ 7,539.81<

\$553,985.16 \$527,382.80 \$420,975.94 \$404,923.84 \$448,463.43 \$462,713.56 \$383,458.16 \$513,589.56 \$580,459.33 \$576,026.68 \$544,329.51 \$614,218.80 \$18,951,767.36

## PSC CASE NO. 2008-00250

Frankfort Electric and Water Plant Board Response to PSC Order Dated: 7-2-2008 Case No. 2008-00250

ITEM 18: Rate Schedule

Response: Ex. 1 – Rate Schedule

FRANKFORT	ELECTRIC & WATER PLANT BOARD	-07/1/08
CURRENT	ELECTRIC & WATER RATES	
ECTRIC RATES	AREALIGHTING	
-RESIDENTIAL STOMER CHARGE (RATE 10) \$2.59	DIRECTIONAL FIXTURE ONLY, 250 WATT WH 250 WATT, MH WITH 35 WOOD POLE	\$ 7.66
ERGY CHARGE:	250 WATT, MH WITH 35 METAL POPE	\$ 9:35 \$11.52
00 KWH 0.05430		
-400 KWH 0.05450	DIRECTIONAL FIXTURE ONLY, 400 WATT MH	\$10.80
ER 400 KWH 0.04610	400 WATT, MH WITH 35' WOOD POLE	11240 The Arts
1-GENERAL SERVICE	400 WATT, MH WITH 35 METAL POLE	\$1465 S E \$14
STOMER CHARGE (RATE 15) \$3.77		
	DIRECTIONAL FIXTURE ONLY, 400 WATT HRS	\$10.80
ERGY CHARGE: D0 KWH 0.06810	400 WATT HPS WITH 35 WOOD POLE	61249
-2000 KWH 0.05740	400 WATT, HPS WITH 36' METAL POLE	\$14.65
ER 2000 KWH 0.05290	DIRECTIONAL FIXTURE ONLY, 1000 WATT HPS	\$22.17
IIMUM BILL: EQUALS CUSTOMER CHARGE	1,000 WATT, MH WITH 36 WOOD POLE	\$23.86
1-GENERAL SERVICE	1,000 WATT, MH WITH 35 METAL POLE	\$26.02
STOMER CHARGE (RATE 18) \$3.77	1,000 WATT, MH WITH 45 METAL POLE	1529-50
ERGY CHARGE:	M1-MUNICIPAL STREET LIGHTING (RATE 2)	
0.06810	SIGNAL LIGHTS (RATES 2)	
-2000 KWH 0.05740 ER 2000 KWH 0.05290	ALL KWH	\$3.75 05000 POWER KWH
IMUM BILL: EQUALS CUSTOMER CHARGE	(SAME AS CITY GOVERNMENT RATE)	USUUU REIVIER AWE
LARGE POWER (RATE 20) \$4.17	G1-GRATIS (IN-HOUSE)	
. KW	(RATE 3) NO DEMAND	
RGY CHARGE:	(RATE 17) NO DEMAND	
0,000 KWH 0.03470	ALL KWH	:05000 PER KWH
001-2,000,000 KWH 0.03220	ALL KW	O C
R 2,000,000 KWH 0.03100	WATER RATES	COUNTY WAR
	MIN. 2,000 GL: \$8.94 PER MTH	ST260 PERMIT
IMUM BILL: \$4.17 X 25% OF THE HIGHEST IN THE PRECEDING 11 MONTHS BUT NOT	NEXT 3,000 GL. \$4.47 PER 1,000 GL. NEXT 20,000 GL. \$3.66 PER 1,000 GL.	\$6.29 PER 1 000 GL \$3.66 PER 1,0000 GL
S THAN 2 KW	NEXT 175,000 GL. \$3.00 PER 1,000 GL.	ASSIDE PER INDUCTION
L ADJUSTMENT - ALL RATES WILL INCLUDE A	NEXT 800,000 GL. \$2.27 PER 1,000 GL	52.27 PER 1 000 GL
VISION FOR FUEL ADJUSTMENT AT A MONTHLY	OVER 1,000,000 GL. \$1.79 PER 1,000 GL	\$1.79 PER 1.000 GL
E PER KWH AS DETERMINED FROM KU'S BILLING	EFFECTIVE BILL DUE AND PAYABLE 7/15/08	
LUDES TEMPORARY SUPPLEMENTAL MERGER CREDI		YABLE 8/15/08
-HIGH LOAD FACTOR	(1) 日本市场中国人工学校、社会社会、日本市场内部、市场市场市场、市场市场、市场市场、市场市场、市场市场、市场市场、市场市	\$4.00 (EFFECTIVE (11/204)
GE POWER (RATE 21)	RESIDENTIAL	\$7.97PER 4,000 GL
KW \$5.22 KWH 0.02860		\$7.977PER4(000)CH \$8.17.PER+ 000 CH
VER FACTOR CLAUSE APPLIES	INDUSTRIAL	
MUM BILL: \$5.22 X 25% OF THE HIGHEST		
IN THE PRECEDING 11 MONTHS BUT NOT		
S THAN 2 KW		
LUDES TEMPORARY SUPPLEMENTAL MERGER CREDI		
OCAL GOVERNMENT/SCHOOL (RATE 2)/		
ITY GOVERNMENT (RATE 19)		
ALL KWH .05000 PER KWH MUM BILL: EQUALS CUSTOMER CHARGE		
ECURITY LIGHTS (RATE 1)	EFFECTIVE BILL DUE & PAYABLE 6/15/06	
NATT (MERCURY VAPOR) \$6.90 PER MTH	RESALES - NON WATER PRODUCERS	\$1.539
NATT (MERCURY VAPOR) \$8.90 PER MTH	WATER SALES & WATER LOADING STAT	行政性的 网络马克斯马克斯马克斯马克斯马克斯马克斯马克斯马克斯马克斯马克斯马克斯马克斯马克斯马
NATT (MERCURY VAPOR) \$8.00 PER MTH		\$0.63
NATT (MERCURY VAPOR) \$5.75 PER MTH	RESALE - OTHER WATER PRODUCERS	
NATT (METAL HALIDE) \$6.90 PER MTH	0-15,000,000	\$1.599
	OVER 15,000,000	\$1.406
RECONNECT FEES F	OR ELECTRIC & WATER SERVICES:	
	ect within normal working hours	
	rking hours *includes past due bill amounts	
	services are subject to weather temperatures.	

/

## PSC CASE NO. 2008-00250

### Frankfort Electric and Water Plant Board Response to PSC Order Dated: 7-2-2008 Case No. 2008-00250

.

## ITEM 19: Table showing water sales

### Response: See completed table

FEWPB	Gallons for Test Period	Gallons for Fiscal Year Ending in 2008
Plant Use *Includes water for flushing	54,810,015	66,681,270
Line Loss (Unaccounted for)	360,787,600	332,610,400
Sales to Retail	1,547,036,405	1,576,550,626
Sales to Elkhorn Water District	59,779,600	68,666,200
Sales to Farmdale Water District	219,306,300	227,759,200
Sales to Peaks Mill Water District	80,013,800	88,281,200
Sales to South Anderson Water District	31,512,700	29,220,600
Sales to US 60 Water District	166,608,100	157,447,200
Sales to Other Wholesale Customers (Georgetown)	216,853,000	184,903,000
Total Produced and Purchased	2,944,171,000	2,921,560,000
Total Sold	2,503,906,905	2,512,890,026

## PSC CASE NO. 2008-00250

### Frankfort Electric and Water Plant Board Response to PSC Order Dated: 7-2-2008 Case No. 2008-00250

ITEM 20:	Unme	tered service
Response:	20(a):	FEWPB maintains three (3) frost free unmetered hydrants
		in the downtown area for special events. Fire hydrants for
		use by the fire department are also unmetered.
	20(b):	The above referenced hydrants represent 100% of
		unmetered service.

## PSC CASE NO. 2008-00250

.

### Frankfort Electric and Water Plant Board Response to PSC Order Dated: 7-2-2008 Case No. 2008-00250

ITEM 21: Cost of Service Study

.

Response: Ex. 1 – Cost of Service Study

## THE ELECTRIC AND WATER PLANT BOARD OF THE CITY OF FRANKFORT, KENTUCKY

## WATER DIVISION

# COST OF SERVICE ALLOCATION STUDY AS OF JUNE 30, 2007 AND PROPOSED CUSTOMER RATES



Calgary, Alberta

.

.

.

.

.

### THE ELECTRIC AND WATER PLANT BOARD OF THE CITY OF FRANKFORT, KENTUCKY

WATER DIVISION

### COST OF SERVICE ALLOCATION STUDY

AS OF JUNE 30, 2007

### AND

PROPOSED CUSTOMER RATES

GANNETT FLEMING, INC. - VALUATION AND RATE DIVISION

Harrisburg, Pennsylvania



GANNETT FLEMING, INC. P.O. Box 67100 Harrisburg, PA 17106-7100

Location: 207 Senate Avenue Camp Hill, PA 17011

**Office: (717) 763-7211** Fax: (717) 763-4590 www.gannettfleming.com

February 14, 2008

Frankfort Plant Board 317 West Second Street Frankfort, KY 40602

Attention Warner J. Caines General Manager

Ladies and Gentlemen:

Pursuant to your request, we have conducted a cost of service allocation study based on pro forma revenue requirements estimated for the test year ended June 30, 2007, and have prepared proposed rate schedules designed to produce the pro forma revenue requirements.

The attached report presents the results of the study, as well as supporting schedules which set forth the detailed cost allocation calculations. Schedule A on page 6 presents a comparison of the cost of service by customer classification with the pro forma revenues produced by each classification under present and proposed rates.

Respectfully submitted,

GANNETT FLEMING, INC. Valuation and Rate Division

PAUL R. HERBERT President

CONSTANCE E. HEPPENSTALL Rate Analyst

PRH/krm



### CONTENTS

## PART I. INTRODUCTION

Plan of Report	2
Basis of the Study	2
Allocation Procedures	3
Results of Study	4
Design of Proposed Rates	4
Schedule A. Comparison of Cost of Service with Revenues Under	
Present and Proposed Rates for the Test Year Ended June 30, 2007	6

### PART II. COST OF SERVICE BY CUSTOMER CLASSIFICATION

.

Schedule B. Cost of Service for the Twelve Months Ended	
June 30, 2007, Allocated to Customer Classifications	8
Schedule C. Factors for Allocating Cost of Service to Customer	
Classifications	12

## PART III. PROPOSED CUSTOMER RATES

Schedule D. Comparative Schedule of Present and Proposed Rates	33
Schedule E. Application of Present and Proposed Rates to	
Consumption Analysis	34

## PART I. INTRODUCTION

•

1

r.

### THE ELECTRIC AND WATER PLANT BOARD OF THE CITY OF FRANKFORT, KENTUCKY WATER DIVISION

### COST OF SERVICE ALLOCATION STUDY AS OF JUNE 30, 2007 AND PROPOSED CUSTOMER RATES

PART I. INTRODUCTION

### PLAN OF REPORT

The report sets forth the results of the cost of service allocation study as of June 30, 2007, prepared for The Electric and Water Plant Board of the City of Frankfort, Kentucky (The Frankfort Plant Board), Water Division. Part I, Introduction, contains statements with respect to the basis of the study, the procedures employed, and a summary of the results of the study. Part II, Cost of Service by Customer Classification, presents detailed schedules of the allocation of costs to customer classifications, as well as the bases for the allocations. Part III, Proposed Customer Rates, sets forth the proposed rate structure.

### BASIS OF THE STUDY

The purpose of the study was to allocate costs to several customer classifications based on considerations of quantity of water consumed, variability of rate of flow, and costs associated with metering, billing and customer accounting. The allocation study was based on recognized procedures for allocating the several categories of costs to customer classifications in proportion to each classification's use of the facilities, commodities and services which entail the total cost of providing water service.

### ALLOCATION PROCEDURES

The allocation study was based on the Base-Extra Capacity Method for allocating costs to customer classifications. The method is described in the 2000 and prior editions of the Water Rates Manual, published by the American Water Works Association. The four basic categories of cost responsibility are base, extra capacity, customer and fire protection costs. The following discussions present a brief description of these costs and the manner in which they were allocated.

<u>Base Costs</u> are costs that tend to vary with the quantity of water used, plus costs associated with supplying, treating, pumping and distributing water to customers under average load conditions, without the elements necessary to meet peak demands. Base costs were allocated to customer classifications on the basis of average daily usage.

Extra Capacity Costs are costs associated with meeting usage requirements in excess of the average. They include operating and capital costs for additional plant and system capacity beyond that required for average use. The extra capacity costs in this study are subdivided into costs necessary to meet maximum day extra demand and costs to meet maximum hour extra demand. The extra capacity costs were allocated to customer classifications on the bases of each classification's maximum day and hour usage in excess of average usage. (Extra capacity costs related to fire protection are allocated directly to the fire protection classifications.)

<u>Customer Costs</u> are costs associated with serving customers regardless of their usage or demand characteristics. Customer costs include the operating and capital costs related to meters and services, meter reading costs, and billing and collecting costs. The

- 3 -

customer costs were allocated on the bases of the relative cost of meters and services, the number of meter readings and the number of bills.

<u>Fire Protection Costs</u> are costs associated with providing the facilities to meet the potential peak demand of fire protection service. Fire protection costs are subdivided into costs to meet Public Fire Protection and Private Fire Protection demands. Operating and capital costs for hydrants were assigned directly to Public Fire Protection. The extra capacity costs assigned to fire protection service were allocated to Public and Private Fire Protection on the basis of the total relative demands of the hydrants and fire service lines.

### RESULTS OF STUDY

The data summarized in Schedule A, "Comparison of Pro Forma Cost of Service with Revenues Under Present and Proposed Rates for the Twelve Months Ended June 30, 2007," constitute the principal results of the allocation study.

The cost of service by customer classification, shown in column 2 of Schedule A, is developed in Schedule B, "Allocation of Cost of Service to Customer Classifications for the Twelve Months Ended June 30, 2007". The allocation of the total cost of service to the several customer classifications was performed by applying the allocation factors referenced in column 3 to the cost of service by account in column 4. The bases of the allocation factors are presented in Schedule C.

### DESIGN OF PROPOSED RATES

The results of the cost of service allocation study were discussed with Water Board management in order that it be afforded the opportunity of performing its role in the oversight of designing rates that are consistent with the cost of providing service to each customer class. Using class cost of service as the guideline, the proposed rate design continues the move of each class to its relative cost of service, including the rates for city and county customers, which have comparable service costs.

The proposed rate structure, as presented in Part III, Proposed Customer Rates, Schedule D, consists of service charges and volumetric rates. The revenues resulting from the proposed rate structure are shown in columns 6 and 7 of Schedule A, and the increase and percentage increase in columns 8 and 9.

### FRANKFORT PLANT BOARD

### COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT AND PROPOSED RATES FOR THE TEST YEAR ENDED JUNE 30, 2007

	Cost of Se	ervice					Proposed Increase	
Customer	Amount		Revenues, Pre	ues, Present Rates Revenues, Proposed Rates			Percent	
Classification	(Schedule B)	Percent	Amount	Percent	Amount	Percent	Amount	Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Residential	\$ 3,485,141	44.0%	\$3,317,074	44.3%	\$ 3,385,271	42.6%	\$ 68,197	2.1%
Commercial	1,909,432	23.9%	2,441,987	32.6%	2,509,029	31.6%	67,042	2.7%
Public	24,446	0.3%	30,804	0.4%	31,689	0.4%	885	2.9%
Sales for Resale - Non Water Prod.	1,348,487	17.0%	1,138,887	15.2%	1,348,312	17.0%	209,425	18.4%
Sales for Resale - Water Prod.	534,297	6.7%	331,874	4.4%	416,141	5.2%	84,267	25.4%
Private Fire Service	161,556	2.0%	136,225	1.8%	149,847	1.9%	13,622	10.0%
Public Fire Service	483,957	6.1%	96,844	1.3%	106,528	1.3%	9,684	10.0%
Total Sales	7,947,318	100.0%	7,493,694		7,946,817	100.0%	453,123	6.0%
Other Revenues	308,647		308,647		308,647			0.0%
Total	\$ 8,255,965		\$7,802,341		\$ 8,255,464		\$ 453,123	5.8%

PART II. COST OF SERVICE BY CUSTOMER CLASSIFICATION

#### FRANKFORT PLANT BOARD

### COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2007, ALLOCATED TO CUSTOMER CLASSIFICATIONS

Account (1)	Factor Ref. (2)	Cost of Service (3)	Residential (4)	Commercial (5)	Public (6)	Sales for Resale <u>Non Water Prod.</u> (7)	Sales for Resale Water Prod. (8)	Fire Provide Private (9)	otection Public (10)
	(2)	(0)	(+)	(0)	(0)	(7)	(0)	(3)	(10)
OPERATION AND MAINTENANCE EXPENSES									
POWER AND PUMPING EXPENSES									
623000 PUMPING POWER	1	418,224	\$ 114,761	\$ 138,390	\$ 1,757	\$ 124,254	\$ 36,427	\$ 711	\$ 1,924
633000 PUMPING MAINTENANCE	2 _	20,772	5,820	6,379	81	5,729	2,690	19	54
TOTAL POWER AND PUMPING EXPENSES		438,996	120,581	144,769	1,838	129,983	39,117	730	1,978
WATER TREATMENT EXPENSE									
641000 WATER TREATMENT CHEMICALS	1	371,206	101,859	122,832	1,559	110,285	32,332	631	1,708
642000 WATER TREATMENT LABOR	2	317,454	88,951	97,490	1,238	87,554	41,110	286	825
643000 MISCELLANEOUS TREATMENT EXPENSE	2	44,371	12,433	13,626	173	12,237	5,746	40	115
644000 TREATMENT LABORATORY EXPENSE	2	39,310	11,015	12,072	153	10,842	5,091	35	102
644100 TREATMENT LABORATORY PAYROLL	2	42,230	11,833	12,969	165	11,647	5,469	38	110
652000 WATER TREATMENT MAINTENANCE	2	1,083	303	332	4	299	140	1	3
652100 WATER TREATMENT MAINT PAYROLL	2.	72,867	20,417	22,377	284	20,097	9,436	66	189
TOTAL WATER TREATMENT EXPENSE		888,521	246,810	281,699	3,577	252,961	99,324	1,097	3,053
TRANSMISSION AND DISTRIBUTION									
677000 FIRE HYDRANTS	7	8,927	0	0	0	0	0	0	8,927
677100 FIRE HYDRANTS PAYROLL	7	38,199	0	0	0	0	0	0	38,199
678000 WATER DISTRIBUTION EXPENSES - MAINS	6	135,839	31,080	33,267	421	30,645	13,136	7,498	19,792
678000 WATER DISTRIBUTION EXPENSES - METERS	8	135,839	97,845	34,625	503	2,065	801	0	0
678000 WATER DISTRIBUTION EXPENSES - SERVICES	9	135,839	111,565	19,235	231	190	54	4,564	0
678100 WATER DIST PAYROLL - MAINS	6	269,218	61,597	65,931	835	60,736	26,033	14,861	39,225
678100 WATER DIST PAYROLL - METERS	8	269,218	193,918	68,624	996	4,092	1,588	0	0
678100 WATER DIST PAYROLL - SERVICES	9	269,218	221,109	38,121	458	377	108	9,046	0
700000 ENGINEERING EXPENSE ACCOUNT	10	7,894	4,484	1,625	21	613	261	225	664
700100 ENGINEERING PAYROLL	10	227,543	129,267	46,828	614	17,680	7,532	6,485	19,136
TOTAL TRANSMISSION AND DISTRIBUTION		1,497,733	850,864	308,256	4,079	116,398	49,514	42,679	125,943

### FRANKFORT PLANT BOARD

\*

#### COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2007, ALLOCATED TO CUSTOMER CLASSIFICATIONS

	Factor	Cost of				Sales for Resale	Sales for Resale	Fire Prote	ection
Account	Ref.	Service	Residential	Commercial	Public	Non Water Prod.	Water Prod.	Private	Public
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	13	8.873	7.651	1.201	13	6	4	٥	0
902000 METER READING EXPENSES	13	160.344	138,265	21,711	241	112	16	0	0
902100 METER READING PAYROLL		6,291	5,352	840	241	4	10	84	1
903000 CUSTOMER RECORDS AND COLLECTION	12	39,960	33,994	5,339	9 60	4 28	4	531	1
903010 POSTAGE AND PRINTING	12	167,644	142,615	22,397	251	20 117	17	2,230	17
903100 CUSTOMER RECORDS AND COLLECTION PAYROLI 903200 CASH OVER AND SHORT	. 12 12	(95)	(81)	(13)				2,230	
903200 CASH OVER AND SHORT 904000 BAD DEBTS EXPENSE	12	22.424	19,076	2,996	(0) 34	(0) 16	(0) 2	298	(0) 2
904000 BAD DEBIS EXPENSE	12	22,424	19,070	2,990		0	Z	290	۷
TOTAL CUSTOMER ACCOUNTING AND COLLECTING EXPEN	ISE	405,441	346,872	54,471	608	284	41	3,142	24
ADMINISTRATIVE AND GENERAL EXPENSES									
903921 OFFICE SUPPLIES EXPENSE	14	11,028	5,426	2,565	33	1,435	645	234	690
905100 INFORMATION TECHNOLOGIES PAYROLL	14	96,184	47,323	22,372	289	12,514	5.627	2,039	6.021
905200 GIS EXPENSES	14	7,628	3,753	1,774	23	992	446	162	478
905210 CIS EXPENSES	14	41,087	20,215	9,557	123	5.345	2,404	871	2.572
905300 COMPUTER EXPENSE	14	19,974	9.827	4,646	60	2,599	1,168	423	1,250
913000 PUBLISHING EXPENSE	14	6,884	3,387	1,601	21	896	403	146	431
920000 ADMINISTRATIVE EXPENSE	14	49.474	24,341	11,508	148	6,437	2,894	1.049	3,097
RATE CASE EXPENSE	11	68,000	0	0	0	68,000	0	0	0
920060 DUES AND SUBSCRIPTIONS	14	11,579	5,697	2,693	35	1,506	677	245	725
920100 ADMINISTRATIVE PAYROLL	14	163,954	80,665	38,136	492	21,330	9,591	3,476	10,264
920200 CLEARING ACCOUNT	14	649	319	151	2	84	38	14	41
920400 SAFETY EXPENSE	14	9,317	4,584	2,167	28	1,212	545	198	583
920700 TRAVEL AND TRAINING EXPENSE	14	40,862	20,104	9,504	123	5,316	2,390	866	2,558
920820 BOARD PAYROLL	14	1,151	566	268	3	150	67	24	72
920910 SOCIAL SECURITY EXPENSE	14	223,645	110,033	52,020	671	29,096	13,083	4,741	14,000
923300 LEGAL RETAINER FEES	14	8,605	4,234	2,002	26	1,120	503	182	539
923400 OTHER CONSULTING FEES	14	12,079	5,943	2,810	36	1,572	707	256	756
923500 OTHER LEGAL AND ACCOUNTING	14	22,609	11,123	5,259	68	2,941	1,323	479	1,415
924000 INSURANCE EXPENSE	14	269,441	132,565	62,672	808	35,054	15,762	5,712	16,867
926000 UNEMPLOYMENT INSURANCE	15	2,954	1,590	648	8	338	152	55	163
926060 VACATION BENEFITS EXPENSE	15	148,510	79,958	32,568	416	16,975	7,648	2,762	8,183
926070 SICK BENEFITS EXPENSE	15	95,732	51,542	20,994	268	10,942	4,930	1,781	5,275

,

## COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2007, ALLOCATED TO CUSTOMER CLASSIFICATIONS

		Factor	Cost of				Sales for Resale	Sales for Resale	Fire Prot	ection
	Account	Ref.	Service	Residential	Commercial	Public	Non Water Prod.	Water Prod.	Private	Public
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
926100	EMPLOYEES WELFARE EXPENSE	15	507,482	273,228	111,291	1,421	58,005	26,135	9,439	27,962
926400	CLUBHOUSE EXPENSE	15	2,630	1,416	577	7	301	135	49	145
926450	EMPLOYEE ACTIVITY EXPENSE	15	11,106	5,980	2,436	31	1,269	572	207	612
926470	EMPLOYEE ASSISTANCE EXP	15	717	386	157	2	82	37	13	39
926500	COMPANY CONTRIBUTION TO EMP PENSION	15	468,128	252,040	102,660	1,311	53,507	24,109	8,707	25,794
930100	GENERAL EXPENSES	14	4,205	2,069	978	13	547	246	89	263
930110	MAINTENANCE EXPENSES	14	10,282	5,059	2,392	31	1,338	602	218	644
930435	CASH CONTRIBUTIONS TO CITY	14	3,150	1,550	733	9	410	184	67	197
932110	SUPPORT SERVICES EXP	14	24,598	12,102	5,722	74	3,200	1,439	521	1,540
932120	SUPPORT SERVICES PAYROLL	14	117,811	57,963	27,403	353	15,327	6,892	2,498	7,375
932130	INVENTORY ADJUSTMENTS	14	(3,864)	(1,901)	(899)	(12)	(503)	(226)	(82)	(242)
932140	COST OF SALES CLEARING	14	1,026	505	239	3	133	60	22	64
932200	AUTO & TRUCK REPAIR EXPENSE	14	52,002	25,585	12,096	156	6,765	3,042	1,102	3,255
932210	AUTO & TRUCK REPAIR PAYROLL	14	57,013	28,050	13,261	171	7,417	3,335	1,209	3,569
932220	AUTO & TRUCK GAS & OIL	14	100,309	49,352	23,332	301	13,050	5,868	2,127	6,279
TOTAL	ADMINISTRATIVE AND GENERAL EXPENSES		2,667,939	1,336,579	588,290	7,552	386,703	143,436	51,902	153,477
TOTAL	OPERATION AND MAINTENANCE		5,898,630	2,901,706	1,377,487	17,653	886,329	331,432	99,549	284,474

.

## COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2007, ALLOCATED TO CUSTOMER CLASSIFICATIONS

Account (1)	Factor Ref. (2)	Cost of Service (3)	Residential (4)	Commercial (5)	Public (6)	Sales for Resale <u>Non Water Prod</u> . (7)	Sales for Resale Water Prod (8)	Fire Pro Private (9)	tection Public (10)
TAXES AND PAYMENTS IN LIEU OF TAXES								4 880	0.045
930408 CITY PROP TAX / IN-LIEU-OF TAXES	17	34,457	10,361	8,890	114	7,581	3,294 1,390	1,003 423	3,215
930409 COUNTY PROP TAX / IN-LIEU-OF TAXES	17	14,541	4,372	3,751	48	3,199	1,390	423	1,357
TOTAL TAXES AND PAYMENTS IN LIEU OF TAXES		48,998	14,734	12,641	162	10,780	4,684	1,426	4,571
DEBT SERVICE AND INTEREST PAYABLE									6 500
930426 INTEREST ON BAN	17	70,315	21,144	18,141	232	15,469	6,722	2,046	6,560
930427 DEBT SERVICE ON BONDS	17	1,077,473	323,996	277,988	3,556	237,044	103,006	31,354	100,528
930431 INTEREST ON CUSTOMER DEPOSITS	12	13,285	11,302	1,775	20	9	1	177	607
930432 OTHER INTEREST EXPENSE (RETIREMENT PLAN)	15	11,020	5,933	2,417	31	1,260	568	205	- 007
TOTAL DEBT SERVICE AND INTEREST PAYABLE		1,172,093	362,375	300,321	3,838	253,782	110,297	33,782	107,697
CAPITAL PROJECTS	17	1,136,245	341,669	293,151	3,750	249,974	108,625	33,065	106,012
TOTAL COST OF SERVICE		8,255,965	3,620,483	1,983,600	25,403	1,400,865	555,038	167,822	502,754
LESS OTHER WATER REVENUES	18	308,647	135,342	74,168	957	52,377	20,741	6,266	18,797
TOTAL OTHER WATER REVENUES		308,647	135,342	74,168	957	52,377	20,741	6,266	18,797
TOTAL COST OF SERVICE RELATED TO SALES OF WATER		\$ 7,947,318	\$ 3,485,141	\$ 1,909,432	\$ 24,446	\$ 1,348,487	\$ 534,297	\$ 161,556	\$ 483,957

۹.

#### FRANKFORT WATER BOARD

#### FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS

#### FACTOR 1. ALLOCATION OF COSTS WHICH VARY WITH THE AMOUNT OF WATER CONSUMED.

Factors are based on the pro forma test year average daily consumption for each customer classification.

Customer Classification (1)	Average Daily Consumption, Thousand Gallons (2)	Allocation Factor (3)
Residential	1,872	0.2744
Commercial	2,258	0.3309
Public	29	0.0042
Sales for Resale - Non Water Prod.	2,027	0.2971
Sales for Resale - Water Prod.	594	0.0871
Private Fire Protection	12	0.0017
Public Fire Protection	31	0.0046
Total	6,823	1.0000

## FACTOR 2. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE AND MAXIMUM DAY EXTRA CAPACITY FUNCTIONS.

Factors are based on the weighting of the factors for average daily consumption (Factor 1) and the factors derived from maximum day extra capacity demand for each customer classification, as follows:

	Average Daily Consumption		Maxim Extra C		
Customer Classification (1)	Allocation Factor 1 (2)	Weighted Factor (3)=(2)x 0.5556	Allocation Factor (4)	Weighted Factor (5)=(4)x 0.4444	Allocation Factor (6)=(3)+(5)
Residential	0.2744	0.1525	0.2875	0.1277	0.2802
Commercial	0.3309	0.1838	0.2774	0.1233	0.3071
Public	0.0042	0.0023	0.0035	0.0016	0.0039
Sales for Resale - Non Water Prod.	0.2971	0.1651	0.2491	0.1107	0.2758
Sales for Resale - Water Prod.	0.0871	0.0484	0.1825	0.0811	0.1295
Private Fire Protection	0.0017	0.0009			0.0009
Public Fire Protection	0.0046	0.0026			0.0026
Total	1.0000	0.5556	1.0000	0.4444	1.0000

The derivation of the maximum day extra capacity factors in column 4 and the basis for the column 3 and 5 weightings are presented on the following page.

### FRANKFORT WATER BOARD

#### FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

## FACTOR 2. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE AND MAXIMUM DAY EXTRA CAPACITY FUNCTIONS, cont.

		Max	imum Day Extra Capa	acity
	Average Daily		Rate of Flow,	
Customer	Consumption,		Thousand Gal.	Allocation
Classification	Thousand Gal.	Factor*	Per Day	Factor
(1)	(2)	(3)	(4)=(2)x(3)	(5)
Residential	1,872	1.0	1,872	0.2875
Commercial	2,258	0.8	1,806	0.2774
Public	29	0.8	23	0.0035
Sales for Resale - Non Water Prod.	2,027	0.8	1,622	0.2491
Sales for Resale - Water Prod.	594	2.0	1,188	0.1825
Total	6,780		6,511	1.0000

\* Ratio of Maximum Hour To Average Hour Minus 1.0.

The weighting of the factors is based on the maximum day ratio of 1.80, based on a review of maximum day ratios experienced during the period 1999 through 2007.

	Maximum Day <u>Ratio</u>	Weight
Average Day	1.00	0.5556
Maximum Day Extra Capacity	0.80	0.4444
Total	1.80	1.0000

\* Ratio of maximum day to average day minus 1.0.

## FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

# FACTOR 3. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE, MAXIMUM DAY EXTRA CAPACITY AND FIRE PROTECTION FUNCTIONS.

Factors are based on the weighting of the average daily consumption, the maximum day extra capacity demand, and the fire protection demand for each customer classification.

	Average Daily Consumption		Maximu Extra C	um Day apacity	Fire Pro		
Customer Classification	Allocation Factor	Weighted Factor	Allocation Factor	Weighted Factor	Allocation Factor	Weighted Factor	Allocation Factor
(1)	(2)	(3)=(2) X 0.5156	(4)	(5)=(4) X 0.4125	(6)	(7)=(6) X 0.0719	(8)=(3)+(5)+(7)
Residential	0.2744	0.1414	0.2875	0.1186			0.2600
Commercial	0.3309	0.1706	0.2774	0.1144			0.2850
Public	0.0042	0.0022	0.0035	0.0014			0.0036
Sales for Resale - Non Water Prod.	0.2971	0.1532	0.2491	0.1028			0.2560
Sales for Resale - Water Prod.	0.0871	0.0449	0.1825	0.0753			0.1202
Private Fire Protection	0.0017	0.0009			0.2748	0.0198	0.0207
Public Fire Protection	0.0046	0.0024			0.7252	0.0521	0.0545
Total	1.0000	0.5156	1.0000	0.4125	1.0000	0.0719	1.0000

4

#### FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

## FACTOR 3. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE, MAXIMUM DAY EXTRA CAPACITY AND FIRE PROTECTION FUNCTIONS, cont.

The weighting of the factors is based on the potential demand of general and fire protection service. The bases for the potential demand of general service are the maximum day ratio of 1.8 and the average daily system sendout for 2006/2007 of 8.6 MGD. The system demand for fire protection is 5,000 Gallons per minute for 4 hours.

	Ratio	Rate of Flow, (GPD)	Weight
Average Day Maximum Day	1.00	8,600,000	0.5156
Extra Capacity	0.80	6,880,000	0.4125
Subtotal	1.80_	15,480,000	0.9281
Fire Protection		1,200,000	0.0719
Total		16,680,000	1.0000

The public and private fire protection allocation factors in column 6 on the previous page are based on the relative potential demands (see Schedule E).

### FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

### FACTOR 4. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE AND MAXIMUM HOUR EXTRA CAPACITY FUNCTIONS.

Factors are based on the weighting of the average daily consumption, the maximum day extra capacity demand, and the fire protection demand for each customer classification.

				Maximu	um Hour			
	Average Hourly Consumption			Extra Capacity		Fire		
Customer	Thousand	Allocation	Weighted	Allocation	Weighted	Allocation	Weighted	Allocation
Classification	Gallons	Factor	Factor	Factor	Factor	Factor	Factor	Factor
(1)	(2)	(3)	(4)=(3) X	(5)	(6)=(5) X	(7)	(8)=(7) X	(9)=(4)+(6)+(8)
			0.2997		0.4495		0.2508	
Residential	78.0	0.2742	0.0822	0.2976	0.1337			0.2159
Commercial	94.1	0.3309	0.0992	0.2872	0.1291	-		0.2283
Public	1.2	0.0042	0.0013	0.0037	0.0017			0.0030
Sales for Resale - Non Water Prod.	84.5	0.2971	0.0890	0.2763	0.1242			0.2132
Sales for Resale - Water Prod.	24.8	0.0872	0.0261	0.1352	0.0608			0.0869
Private Fire Protection	0.5	0.0018	0.0005			0.2748	0.0689	0.0694
Public Fire Protection	1.3	0.0046	0.0014	4a	a - este construction de la construcción de la construcción de la construcción de la construcción de la constru	0.7252	0.1819	0.1833
Total	284.4	1.0000	0.2997	1.0000	0.4495	1.0000	0.2508	1.0000

The maximum hour extra capacity factors in column 5 are determined on the next page.

#### FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

## FACTOR 4. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE AND MAXIMUM HOUR EXTRA CAPACITY FUNCTIONS, cont.

The weighting of the factors is based on the potential demand of general and fire protection service. The bases for the potential demand of general service are the maximum hour ratio of 2.5 and the average daily system sendout for 2006/2007 of 8.6 MGD. The system demand for fire protection is 5,000 gallons per minute.

		Rate of Flow,	
	Ratio	(GPM)	Weight
Average Hour	1.00	5,972	0.2997
Maximum Hour			
Extra Capacity	1.50	8,958	0.4495
Subtotal	2.50	14,930	0.7492
Fire Protection		5,000	0.2508
Total		19,930	1.0000

The maximum hour extra capacity factors in column 5 of the previous page are determined as follows:

	Average Hourly	Maxin	num Hour Extra Car	pacity
Customer Classification	Consumption Thousand Gal.	Factor*	1,000 Gallons Per Hour	Allocation Factor
(1)	(2)	(3)	(4)=(2)x(3)	(5)
Residential	78.0	3.5	273.0	0.2976
Commercial	94.1	2.8	263.5	0.2872
Public	1.2	2.8	3.4	0.0037
Sales for Resale - Non Water Prod.	84.5	3.0	253.5	0.2763
Sales for Resale - Water Prod.	24.8	5.0	124.0	0.1352
Total	282.6		917.4	1.0000

\* Ratio of Maximum Hour To Average Hour Minus 1.0.

•

The public and private fire protection allocation factors in column 7 on the previous page are based on the relative potential demands (see Schedule E).

## FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

## FACTOR 5. ALLOCATION OF COSTS ASSOCIATED WITH STORAGE FACILITIES.

Factors are based on the weighting of the average hourly consumption, the maximum hour extra capacity demand, and the fire protection demand for each customer classification.

				Maximu	ım Hour				
	Average Hourly Consumption			Extra Capacity		Fire Pr	otection		
Customer	Thousand	Allocation	Weighted	Allocation	Weighted	Allocation	Weighted	Allocation	
Classification	Gallons	Factor	Factor	Factor	Factor	Factor	Factor	Factor	
(1)	(2)	(3)	(4)=(3) X	(5)	(6)=(5) X	(7)	(8)=(7) X	(9)=(4)+(6)+(8)	
			0.3702		0.5552		0.0746		
Residential	78.0	0.2742	0.1014	0.2976	0.1651			0.2665	
Commercial	94.1	0.3309	0.1225	0.2872	0.1595			0.2820	
Public	1.2	0.0042	0.0016	0.0037	0.0021			0.0037	
Sales for Resale - Non Water Prod.	84.5	0.2971	0.1100	0.2763	0.1534			0.2634	
Sales for Resale - Water Prod.	24.8	0.0872	0.0323	0.1352	0.0751			0.1074	
Private Fire Protection	0.5	0.0018	0.0007			0.2748	0.0205	0.0212	
Public Fire Protection	1.3	0.0046	0.0017			0.7252	0.0541	0.0558	
Total	284.4	1.0000	0.3702	1.0000	0.5552	1.0000	0.0746	1.0000	

The weighting of the factors is based on the ratio of the capacity required for a 4 hour demand of fire flow, as related to total storage capacity. The calculation is shown on the following page.

#### FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

#### FACTOR 5. ALLOCATION OF COSTS ASSOCIATED WITH STORAGE FACILITIES, cont.

The weighting of the factors is based on the ratio of the capacity required for a 2 hour demand of fire flow, as related to total storage capacity.

Fire Protection Weight =	lin. X 4 Hrs.	= 0.074			
		16,087,00			
General Service Weight =	1.0000	-	0.0746	=	0.9254

The weighting of the average hourly consumption and maximum hour extra demand for general service is based on the maximum hour ratio, as follows:

	Maximum Hour Ratio	Percent	Weight
Average Hour	1.00	40.00	0.3702
Extra Capacity Maximum Hour	1.50	60.00	0.5552
Total	2.50	100.00	0.9254

#### FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

#### FACTOR 6. ALLOCATION OF COSTS ASSOCIATED WITH TRANSMISSION AND DISTRIBUTION MAINS.

Factors are based on the weighting of the maximum daily consumption with fire, Factor 3, and the maximum hour consumption, Factor 4, for each customer classification, as follows:

	Maxim	um Daily	Maximu		
	Consump	tion w/ Fire	Consu		
Customer	Allocation	Weighted	Allocation	Weighted	Allocation
Classification	Factor 3	Factor	Factor 4	Factor	Factor
(1)	(2)	(3)=(2)X	(4)	(5)=(4)X	(6)=(3)+(5)
		0.2916		0.7084	
Residential	0.2600	0.0759	0.2159	0.1529	0.2288
Commercial	0.2850	0.0831	0.2283	0.1618	0.2449
Public	0.0036	0.0010	0.0030	0.0021	0.0031
Sales for Resale - Non Water Prod.	0.2560	0.0746	0.2132	0.1510	0.2256
Sales for Resale - Water Prod.	0.1202	0.0351	0.0869	0.0616	0.0967
Private Fire Protection	0.0207	0.0060	0.0694	0.0492	0.0552
Public Fire Protection	0.0545	0.0159	0.1833	0.1298	0.1457
Total	1.0000	0.2916	1.0000	0.7084	1.0000

The weighting of the factors is based on the total footage of mains, designated as either transmission mains or distribution mains, as follows:

	Total Footage		
	of Mains	Weight	
Transmission Mains (greater than 10")	676,496	0.2916	
Distribution Mains (10" and smaller)	1,643,120	0.7084	
Total	2,319,616	1.0000	

## FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

## FACTOR 7. ALLOCATION OF COSTS ASSOCIATED WITH FIRE HYDRANTS.

Costs are assigned directly to Public Fire Protection.

Customer	Allocation
Classification	Factor
(1)	(2)
Public Fire Protection	1.0000
Total	1.0000

#### FACTOR 8. ALLOCATION OF COSTS ASSOCIATED WITH METERS.

Factors are based on the relative cost of meters by size and customer classification, as developed on the following page and summarized below.

Customer Classification (1)	5/8" Equivalents	Allocation Factor
(1)	(2)	(3)
Residential	13,964	0.7203
Commercial	4,941	0.2549
Public	72	0.0037
Sales for Resale - Non Water Prod.	295	0.0152
Sales for Resale - Water Prod.	115	0.0059
Private Fire	0	0.0000
Total	19,387	1.0000

#### BASIS FOR ALLOCATING METER COSTS TO CUSTOMER CLASSIFICATIONS

									r Resale		or Resale	_	
			Iential		nercial		blic		Producing		roducing	To	tal
Meter	5/8"	Number of		Number of		Number of	147 - <sup>1</sup> - 1, 1 <sup>2</sup>	Number of	\	Number of	141-1-1-1-1	Number of	
Size	Equivalent	Meters	Weighting	Meters	Weighting	Meters	Weighting	Meters	Weighting	Meters	Weighting	Meters	Weighting
(1)	(2)	(3)	(4)=(2)X(3)	(5)	(6)=(2)X(5)	(7)	(8)=(2)X(7)	(9)	(10)=(2)X(9)	(11)	(12)=(2)X(11)	(13)	(14)
5/8	1.0	13,333	13,333	1,432	1,432	15	15	0	0	0	0	14,780	14,780
3/4	1.5	21	32	46	69	0	0	0	0	0	0	67	101
1	2.5	212	530	355	888	3	8	0	0	0	0	570	1,426
1-1/2	5.0	6	30	110	550	2	10	0	0	0	0	118	590
2	8.0	3	24	144	1,152	3	24	0	0	0	0	150	1,200
3	15.0	1	15	30	450	1	15	3	45	0	0	35	525
4	25.0	0	0	14	350	0	0	6	150	0	0	20	500
6	50.0	0	0	1	50	0	0	2	100	0	0	3	150
8	80.0	0	0	0	0	0	0	0	0	0	0	0	0
10	115.0	0	0	0	0	0	0	0	0	1	115	1	115
Total		13,576	13,964	2,132	4,941	24	72	11	295	1	115	15,744	19,387

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

#### FACTOR 9. ALLOCATION OF COSTS ASSOCIATED WITH SERVICES.

Factors are based on the relative cost of services by size and customer classification, as developed on the following page and summarized below.

Customer	3/4"	Allocation
Classification	Equivalents	Factor
(1)	(2)	(3)
Residential	13,623	0.8213
Commercial	2,348	0.1416
Public	29	0.0017
Sales for Resale - Non Water Prod.	23	0.0014
Sales for Resale - Water Prod.	6	0.0004
Private Fire Protection	558	0.0336
Total	16,587	1.0000

## BASIS FOR ALLOCATING SERVICE COSTS TO CUSTOMER CLASSIFICATIONS

								Sales fo	r Resale	Sales for	r Resale				
		Resid	dential	Comn	nercial	Pu	blic	Non Water	r Producing		roducing		Protection		tal
Service	3/4"	Number of		Number of		Number of		Number of		Number of		Number of		Number of	
Size	Equivalent	Services	Weighting	Services	Weighting	Services	Weighting	Services	Weighting	Services	Weighting	Services	Weighting	Services	Weighting
(1)	(2)	(3)	(4)=(2)X(3)	(5)	(6)=(2)X(5)	(7)	(8)=(2)X(7)	(9)	(10)=(2)X(9)	(11)	(12)=(2)X(11)	(13)	(14)=(2)X(11)	(15)	(16)
3/4	1.00	13,354	13,354	1,478	1,478	15	15	0	0	0	0	0	0	14,847	14,847
1	1.20	212	254	355	426	3	4	0	0	0	0	0	0	570	684
1-1/2	1.30	6	8	110	143	2	3	0	0	0	0	0	0	118	154
2	1.50	3	5	144	216	3	5	0	0	0	0	1	2	151	228
3	1.70	1	2	30	51	1	2	3	5	0	0	2	3	37	63
4	2.20	0	0	14	31	0	0	6	13	0	0	41	90	61	134
6	2.50	0	0	1	3	0	0	2	5	0	0	143	358	146	366
8	3.20	0	0	0	0	0	0	0	0	0	0	24	77	24	77
10	5.60	0	0	0	0	0	0	0	0	1	6	5	28	6	34
Total		13,576	13,623	2,132	2,348	24	29	11	23	1	6	216	558	15,960	16,587

.

٠

## FRANKFORT PLANT BOARD

## FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 10. ALLOCATION OF TRANSMISSION AND DISTRIBUTION ENGINEERING AND MISCELLANEOUS EXPENSES.

Factors are based on transmission and distribution operation expenses other than those being allocated, as follows:

Customer Classification	Transmission & Distribution Operating Expenses	Allocation Factor
(1)	(2)	(3)
Residential	\$ 717,113	0.5681
Commercial	259,804	0.2058
Public	3,443	0.0027
Sales for Resale - Non Water Prod.	98,105	0.0777
Sales for Resale - Water Prod.	41,721	0.0331
Private Fire Protection	35,969	0.0285
Public Fire Protection	106,143	0.0841
Total	1,262,297	1.0000

FACTOR 11. ALLOCATION OF EXPENSES FOR SALES FOR RESALE CUSTOMERS NON WATER PRODUCING

Costs are assigned directly to Sales for Resale Non Water Producing Customers.

Customer	Allocation
Classification	Factor
(1)	(2)
Sales for Resale - Non Water Prod.	1.0000

### FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

#### FACTOR 12. ALLOCATION OF BILLING AND COLLECTING COSTS.

Factors are based on the total number of customers.

Customer	Total	Allocation
Classification	Customers	Factor
(1)	(2)	(3)
Residential	13,576	0.8507
Commercial	2,132	0.1336
Public	24	0.0015
Sales for Resale - Non Water Prod.	11	0.0007
Sales for Resale - Water Prod.	1	0.0001
Private Fire Protection	212	0.0133
Public Fire Protection	1	0.0001
Total	15,957	1.0000

#### FACTOR 13. ALLOCATION OF METER READING COSTS.

Factors are based on the number of metered customers.

Customer Classification	Total Metered Customers	Allocation Factor
(1)	(2)	(3)
Residential	13,576	0.8623
Commercial	2,132	0.1354
Public	24	0.0015
Sales for Resale - Non Water Prod.	11	0.0007
Sales for Resale - Water Prod.	1	0.0001
Total	15,744	1.0000

#### FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

## FACTOR 14. ALLOCATION OF ADMINISTRATIVE AND GENERAL EXPENSES AND CASH WORKING CAPITAL.

Factors are based on the allocation of all other operation and maintenance expenses excluding purchased water, power, chemicals and waste disposal.

Customer Classification (1)	Operation & Maintenance Expenses (2)	Allocation Factor (3)
Residential	\$1,001,636	0.4920
Commercial	473,503	0.2326
Public	6,177	0.0030
Sales for Resale - Non Water Prod.	264,803	0.1301
Sales for Resale - Water Prod.	119,196	0.0585
Private Fire Protection	43,163	0.0212
Public Fire Protection	127,342	0.0626
Total	\$2,035,820	1.0000

### FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

#### FACTOR 15. ALLOCATION OF LABOR RELATED TAXES AND BENEFITS.

Factors are based on the allocation of direct labor expense.

Customer Classification	Direct Labor Expense	Allocation Factor
(1)	(2)	(3)
Residential	\$1,222,539	0.5384
Commercial	497,889	0.2193
Public	6,390	0.0028
Sales for Resale - Non Water Prod.	259,150	0.1143
Sales for Resale - Water Prod.	116,822	0.0515
Private Fire Protection	42,256	0.0186
Public Fire Protection	125,003	0.0551
Total	\$2,270,049	1.0000

# FACTOR 16. ALLOCATION OF ORGANIZATION, FRANCHISES AND CONSENTS, MISCELLANEOUS INTANGIBLE PLANT AND OTHER RATE BASE ELEMENTS.

Factors are based on the allocation of the original cost less depreciation other than those items being allocated, as follows:

	Original	
Customer	Cost Less	Allocation
Classification	Depreciation	Factor
(1)	(2)	(3)
Residential	\$7,785,706	0.3007
Commercial	6,681,952	0.2580
<sup>•</sup> Public	85,823	0.0033
Sales for Resale - Non Water Prod.	5,697,527	0.2200
Sales for Resale - Water Prod.	2,476,717	0.0956
Private Fire Protection	753,604	0.0291
Public Fire Protection	2,415,180	0.0933
Total	\$25,896,508	1.0000

#### FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

## FACTOR 17. ALLOCATION OF CAPITAL PROJECTS

Factors are based on the allocation of the original cost measure of value rate base as shown on the following page and summarized below.

	Original	
Customer	Cost Measure	Allocation
Classification	of Value	Factor
(1)	(2)	(3)
Residential	\$7,822,955	0.3007
Commercial	6,713,911	0.2580
Public	86,232	0.0033
Sales for Resale - Non Water Prod.	5,724,780	0.2200
Sales for Resale - Water Prod.	2,488,560	0.0956
Private Fire Protection	757,209	0.0291
Public Fire Protection	2,426,737	0.0933
Total	\$26,020,383	1.0000

## FACTOR 18. ALLOCATION OF REGULATORY COMMISSION EXPENSES, ASSESSMENTS AND OTHER WATER REVENUES.

The factors are based on the allocation of the total cost of service, excluding those items being allocated.

Customer Classification	Total Cost of Service	Allocation Factor
(1)	(2)	(3)
Residential	\$3,620,483	0.4385
Commercial	1,983,600	0.2403
Public	25,403	0.0031
Sales for Resale - Non Water Prod.	1,400,865	0.1697
Sales for Resale - Water Prod.	555,038	0.0672
Private Fire Protection	167,822	0.0203
Public Fire Protection	502,754	0.0609
Total	\$8,255,965	1.0000

#### COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2007, ALLOCATED TO CUSTOMER CLASSIFICATIONS

		Factor		Cost of							-	ales for Resale		ales for Resale		Fire Pro	tectio	n
	Account	Ref.		Service	F	Residential	Co	mmercial	F	Public	Non	Water Prod.	Wa	ater Prod.		Private	1	Public
	(1)	(2)		(3)		(4)		(5)		(6)		(7)		(8)		(9)		(10)
	RATE BASE		•	04 005	•	0.500	~	5,657	\$	72	\$	4,823	\$	2,096	\$	638	\$	2,046
	SOURCE OF SUPPLY LAND	16	\$	21,925	\$	6,593	\$	26,303	Ф	336	Φ	4,623 22,429	Φ	2,090 9,746	J.	2,967	φ	9,512
101311	SOURCE OF SUPPLY STRUCT & IMP.	16		101,950		30,656								9,740 66,419		462		1,334
	SOURCE OF SUPPLY RIVER INTAKES	2		512,887		143,711		157,507		2,000		141,454		5,845		402		1,334
	SOURCE OF SUPPLY GALLERIES & T	2		45,133		12,646		13,860		176		12,448						66
	SOURCE OF SUPPLY SUPPLY MAINS	2		25,243		7,073		7,752		98		6,962		3,269		23		6
	PUMPING PLANT LAND	2		2,436		683		748		10		672		315		2		147
101321	PUMPING STRUCTURES & IMPROVEME	2		56,400		15,803		17,321		220		15,555		7,304		51		
101325	PUMPING EQUIPMENT	2		491,019		137,583		150,792		1,915		135,423		63,587		442		1,277
101330	TREATMENT PLANT LAND	2		14,077		3,944		4,323		55		3,882		1,823		13		37
101331	TREATMENT STRUCTURES AND IMPRO	2		1,119,788		313,765		343,887		4,367		308,838		145,013		1,008		2,911
101332	TREATMENT EQUIPMENT	2		3,649,346		1,022,547		1,120,714		14,232		1,006,490		472,590		3,284		9,488
101340	DISTRIBUTION PLANT LAND	6		168,082		38,457		41,163		521		37,919		16,254		9,278		24,490
101341	DISTRIBUTION STRUCTURES AND IM	6		195,397		44,707		47,853		606		44,082		18,895		10,786		28,469
101342	DISTRIBUTION RESERVOIRS & STAN	5		6,286,605		1,675,380		1,772,823		23,260		1,655,892		675,181		133,276		350,793
101343	DISTRIBUTION TRANSMISSION & DI	6		9,618,897		2,200,804		2,355,668		29,819		2,170,023		930,147		530,963	1	,401,473
101344	DISTRIBUTION FIRE MAINS	7		12,107		0		0		0		0		0		0		12,107
101345	DISTRIBUTION SERVICES	9		1,224,830		1,005,953		173,436		2,082		1,715		490		41,154		0
101346	DISTRIBUTION METERS	8		811,385		584,441		206,822		3,002		12,333		4,787		0		0
101347		8		23,927		17,235		6,099		89		364		141		0		0
101348	DISTRIBUTION HYDRANTS	7		514,563		0		0		0		0		0		0		514,563
	OTHER DISTRIBUTION PLANT	6		(29,729)		(6,802)		(7,281)		(92)		(6,707)		(2,875)		(1,641)		(4,332)
	GENERAL LAND	14		17.850		8,782		4,152		54		2,322		1,044		378		1,117
101390		14		240,947		118,546		56,044		723		31,347		14,095		5,108		15,083
101391		14		404,924		199,223		94,185		1,215		52,681		23,688		8,584		25,348
	GENERAL TRANSPORT EQUIPMENT	14		263,897		129,837		61,383		792		34,333		15,438		5,595		16,520
	GENERAL STORES EQUIPMENT	14		824		405		192		2		107		48		17		52
101394		14		6,883		3,386		1,601		21		895		403		146		431
	GENERAL LABORATORY EQUIPMENT	2		227		64		70		1		63		29		0		1
	GENERAL POWER OPERATED EQUIPME	14		78.466		38,605		18,251		235		10,208		4,590		1,663		4,912
101390		14		27,750		13,653		6,455		83		3.610		1,623		588		1,737
		14		14,225		6,999		3,309		43		1,851		832		302		891
	GENERAL MISCELLANEOUS EQUIPMEN	14		98,123		48,277		22,823		294		12,766		5.740		2.080		6.143
101288	GENERAL COMPUTER EQUIPMENT	14		30,123		40,277		22,020		204		12,100		5,740		2,000		0,170
	Total Utility Plant in Service			26,020,383		7,822,955		6,713,911	. <u> </u>	86,232	-	5,724,780		2,488,560		757,209		2,426,737

#### BASIS FOR ALLOCATING DEMAND RELATED COSTS OF FIRE SERVICE TO PRIVATE AND PUBLIC FIRE PROTECTION CUSTOMER CLASSIFICATIONS

Descri	ption	Restrictive Diameters Squared	Quantity	Relative Demand*	Allocation Factor
(1)		(2)	(3)	(4)=(2)x(3)	(5)
<u>PRIVATE FIRE F</u>		(-)			
Fire Lines					
2 -inch		4.00	1	4	
3 -inch		9.00	2	18	
4 -inch		16.00	41	656	
6 -inch		36.00	143	5,148	
8 -inch		64.00	24	1,536	
10 -inch		100.00	5	500	
12 -inch		144.00	0	0	
Private Hydrants		30.25	266	8,047	
Total Private Fire Protection			482	15,909	0.2748
PUBLIC FIRE PR	ROTECTION				
Hydrant	Nozzle Sizes				
6" Valve	2- 2-1/2" & 1- 5.5"	30.25	1,388	41,987	
Total Put	blic Fire Prorection		1,388	41,987	0.7252
Total Fire Protect	tion		1,870	57,896	1.0000

PART III. PROPOSED CUSTOMER RATES

•

#### FRANKFORT PLANT BOARD WATER DIVISION RATES COMPARATIVE SCHEDULE OF PRESENT AND PROPOSED RATES PER 1000 GALLONS

Rate	Present Rates	Proposed Rates	Percentage Increase
City Customers	v		
Minimum with 2,000 gallon allowance	8.69	8.94	2.88%
Up to 5	4.34	4.47	3.00%
Next 20	3.56	3,66	2.81%
Next 175	2.93	3.02	3.07%
Next 800 Over 1,000	2.21 1.74	2.27 1.79	2.71% 2.87%
	1.74	1.79	2.0170
County Customers			
Minimum with 2,000 gallon allowance	12.60	12.60	0.00%
Up to 5	6.29	6.29	0.00%
Next 20	3.56	3.66	2.81%
Next 175	2.93	3.02	3.07%
Next 800	2.21	2.27	2.71%
Over 1000	1.74	1,79	2.87%
Resale - Non Water Producers			
Minimum Charge	0.00	0.00	
Consumption Charge	1.539	1.822	18.39%
Resale - Water Producers			
Minimum Charge	0.00	0.00	
Up to 15,000	1.599	1,919	20.01%
Over 15,000	1.406	1.919	36.49%
	1.400	1.010	55.4070
Gratis			
Minimum Charge	0.00	0.00	
Consumption Charge	0.630	0.630	0.00%
Water Loading			
Minimum Charge	0.00	0.00	
Consumption Charge	3.5800	4.4700	24.86%
Fire			
Public Hydrants	11.01	12.11	10.00%
Private Hydrants	11.01	12.11	10.00%
Lines			
2" Line	5.51	6.06	10.00%
3" Line	11.01	12.11	10.00%
4" Line	20.60	22.66	10.00%
6" Line	41.19	45.31	10.00%
8" Line	54.91	60.40	10.00%
10" Line	68.65	75.52	10.00%
Fire Sales (per 1000 gallons)	4.12	4.53	10.00%

#### FRANKFORT PLANT BOARD APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS - WATER DIVISION YEAR ENDED JUNE 30, 2007

CITY CUSTOMERS								
Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)		
		Residential -	Monthly					
Minimums & Allowances Minimum with 2,000 gallon allowance	120,546	2,025,961	8.69	1,047,545	8.94	1,077,681		
Subtotal	120,546	2,025,961		1,047,545		1,077,681		
Up to 50	0	1,655,129	0.4340	718,326	0.4470	739,843		
Next 200	0	812,108	0.3560	289,110	0.3660	297,232		
Next 1750	0	81,471	0.2930	23,871	0.3020	24,604		
Next 8,000 Over 10,000	0 0	14,005 0	0.2210 0.1740	3,095 0	0.2270 0.1790	3,179 0		
Subtotal	0	2,562,713	0.1740	1,034,403	0.1790	1,064,858		
Cobiota,	Ŭ	2,002,770		,,,,		,,		
Total	120,546	4,588,674		2,081,948		2,142,539		
		Commercial -	Monthly					
Minimums & Allowances								
Minimum with 2,000 gallon allowance	19,253	286,661	8.69	167,309	8.94	172,122		
Subtotal	19,253	286,661		167,309		172,122		
Up to 50	0	305,579	0.4340	132,621	0.4470	136,594		
Next 200	0	996,272	0.3560	354,673	0.3660	364,636		
Next 1750	0	2,073,723	0.2930	607,601	0.3020	626,264		
Next 8,000	0	1,408,520	0.2210	311,283	0.2270	319,734		
Over 10,000 Subtotal	0	<u>219,319</u> 5,003,413	0.1740	<u>38,162</u> 1,444,339	0.1790	<u> </u>		
	-							
Total	19,253	5,290,074		1,611,648		1,658,608		
		Municipal -M	lonthly					
Minimums & Allowances								
Minimum with 2,000 gallon allowance	275	2,702	8.69	2,390	8.94	2,459		
Subtotal	275	2,702		2,390		2,459		
Up to 50	0	4,283	0.4340	1,859	0.4470	1,915		
Next 200	0	17,261	0.3560	6,145	0.3660	6,318		
Next 1750	0	34,907	0.2930	10,228	0.3020	10,542		
Next 8,000	0	41,816	0.2210	9,241	0.2270	9,492		
Over 10,000 Subtotal	0	4,540	0.1740	28,263	0.1790	29,079		
	-							
Total	275	105,509		30,653		31,537		
		Resale - Non Wate	er Producers					
Minimums & Allowances								
Minimum Charge	132	0	0.00	0	0.00 _	0		
Subtotal	132	0		0		O		
00500	152	0		0		0		
Consumption Charge	0	7,400,175	0.1539	1,138,887	0 1822	1,348,312		
Subtotal	0	7,400,175		1,138,887	~~	1,348,312		
Total	132	7,400,175		1,138,887		1,348,312		

#### FRANKFORT PLANT BOARD APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS - WATER DIVISION YEAR ENDED JUNE 30, 2007

		CITY CUST	OMERS			
Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3) <u>Resale - Water</u>	Present Rate (4) Producers	Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
Minimums & Allowances Minimum Charge	12	0	0.00	0	0.00	00
Subtotal	12	0		0		0
Up to 150,000 Over 150,000 Subtotal	0 0 0	1,397,840 770,690 2,168,530	0.1599 0.1406	223,515 108,359 331,874	0.1919 0.1919	268,245 147,895 416,141
Totał	12	2,168,530		331,874		416,141
		Gratis	<u>i</u>			
Minimums & Allowances Minimum Charge	262	0	0.00	0_	0.00	0
Subtotal	262	0		0		0
Consumption Charge Subtotal	<u>0</u>	<u> </u>	0.0630	<u>4,325</u> 4,325	0.0630	4,325
Total	262	68,658		4,325		4,325
		Water Loa	Iding			
Minimums & Allowances Minimum Charge	200	0	0.00	0	0.00	0
Subtotal	200	0		0		0
Consumption Charge Subtotal	<u>0</u>	<u> </u>	0.3580	<u> </u>	0.4470 _	546 546
Total	200	1,221		437		546
Total City Customers	140,680	19,622,841		5,199,772		5,602,008

## - 35 -

#### FRANKFORT PLANT BOARD APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS - WATER DIVISION YEAR ENDED JUNE 30, 2007

		COUNTY CUS	TOMERS			
Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
		Residential -	Monthly			
Minimums & Allowances Minimum with 2,000 gallon allowance	42,361	740,928	12.60	533,749	12.60	533,749
Subtotal	42,361	740,928		533,749		533,749
Up to 50	0	693,396	0.6290	436,146	0.6290	436,146
Next 200	0	520,851	0.3560	185,423	0.3660	190,631
Next 1750	0	221,077	0.2930	64,776	0.3020	66,765
Next 8,000	0	68,021	0.2210	15,033	0.2270	15,441
Over 10,000	0	0	0.1740	0	0.1790	0
Subtotal	U	1,503,345		701,377		708,984
Total	42,361	2,244,273		1,235,126		1,242,732
		Commercial -	Monthly			•
Minimums & Allowances						
Minimum with 2,000 gallon allowance	6,314	81,973	12.60	79,556	12.60	79,556
Subtotal	6,314	81,973		79,556		79,556
Up to 50	0	87,938	0.6290	55.313	0.6290	55,313
Next 200	0	314,263	0.3560	111,878	0.3660	115,020
Next 1750	0	900,252	0.2930	263,774	0.3020	271,876
Next 8,000	0	1,007,334	0.2210	222,621	0.2270	228,665
Over 10,000	0	558,607	0.1740	97,198	0.1790	99,991
Subtotal	0	2,868,394		750,783		770,865
Total	6,314	2,950,367		830,339		850,421
		Municipal -N	lonthly			
Minimums & Allowances						
Minimum with 2,000 gallon allowance	12	4	12.60	151	12.60	151
Subtotal	12	4		151		151
Up to 50	0	0	0.6290	0	0.6290	0
Next 200	0	0	0 3560	0	0.3660	0
Next 1750	0	0	0.2930	0	0.3020	0
Next 8,000	0	0	0.2210	0	0 2270	0
Over 10,000	0	0	0.1740	0	0.1790	0
Subtotal	0	0		0		0
Total	12	4		151		151
Total County Customers	48,687	5,194,644		2,065,616		2,093,305

#### FRANKFORT PLANT BOARD APPLICATION OF PRESENT RATES AND PROPOSED RATES FIRE SERVICE

	Number	Present Monthly Rates	Present Annual Revenue	Proposed Monthly Rates	Proposed Annual Revenue
Private Fire					
Hydrants	266	11.01	35,144	12.11	38,658
2" Line 3" Line 4" Line 6" Line 8" Line 10" Line Total Sprinkler	1 2 41 143 24 5	5.51 11.01 20.60 41.19 54.91 68.65	66 264 10,135 70,682 15,814 <u>4,119</u> 101,081	6.06 12.11 22.66 45.31 60.40 75.52	73 291 11,149 77,750 17,395 4,531 111,189
Total Private Fire			136,225		149,847
Pubic Fire					
Hydrants	733	11.01	96,844	12.11	106,528
Total Fire Revenue			233,069		256,375

# **RESPONSE TO PSC**

1

## PSC CASE NO. 2008-00250

**ITEM 22** 

## Frankfort Electric and Water Plant Board Response to PSC Order Dated: 7-2-2008 Case No. 2008-00250

ITEM 22: Who prepared cost study, preparer's CV, list of cases

before the Commission and list of all utilities

for which the preparer has prepared a study.

Response: 22(a): Paul Herbert of Gannet Fleming prepared the study.

22(b): CV attached – Ex. 1

22(c): Mr. Herbert has provided testimony for Kentucky American Water Company in Case Nos. 2000-120 and 2007-00143.

22(d): A complete list of cases for which Mr. Herbert has prepared a study is included in his direct testimony.

## PAUL R. HERBERT

#### TECHNICAL SPECIALTIES

- Public Utility Revenue Requirements
- Public Utility Cost of Service Allocation
- Public Utility Rate Design

#### **PERSONAL INFORMATION**

B.S., Finance, The Pennsylvania State University, 1975 Member: AWWA, PMAA, NAWC

## EXPERIENCE

Mr. Herbert joined the firm in 1977 and is President of the Valuation and Rate Division. He is responsible for the direct supervision of rate study assignments including the development of revenue requirements, allocation of cost of service to customer classifications and the design of customer rate schedules. His assignments include analyzing operating and accounting data, preparing pro forma statements of income, developing allocation factors, allocating costs to various classes of service, designing customer rates using customer bill analyses and preparing written reports. Mr. Herbert also has presented expert testimony before the Pennsylvania, Ohio, West Virginia, Kentucky, Iowa, Virginia, Tennessee, Missouri, New Mexico, California and New Jersey state regulatory commissions.

Recent rate assignments include:

- Kentucky-American Water Company Cost of Service Allocation and Rate Design Study. The cost of service study was prepared using spreadsheet software in order to facilitate other parties to make modifications to the study results during the rate case proceeding. The study provided a users manual to guide others in the use of the model. The study allocated costs to the several cost functions and customer classifications. The results of the study were used to design customer charges and volumetric charges for each class of customers. Direct testimony was prepared in support of the study and the proposed rate design.
- <u>New Jersey-American Water Company Cost of Service Allocation and Rate Design Study</u>. The study allocated cost of service to cost functions and customer classifications using the baseextra capacity method. A single cost of service analysis was performed for the Company's three service areas combined. Cost allocation factors were developed based on each classification's use of the water system. The development of a common rate structure included the design of a computer rate model which was used to test alternative rate structures.
- City of Bethlehem Bureau of Water Revenue Requirement, Cost of Service Allocation, Rate Design and Cash Working Capital Studies. Mr. Herbert was responsible for the revenue requirement and rate structure sections of the City's 1994, 1995, 1997, 1998, 2005 and 2007 rate filings with the Pennsylvania Public Utility Commission. The assignments included the preparation of direct testimony and numerous exhibits in response to the Commission's rate filing requirements. Revenue requirements were projected for the future test year using pro forma adjustments to revenues, expenses and rate base. Pro forma statements of income were prepared under present and proposed rates. The cost of service allocation study included the allocation of pro forma costs of service to the customer classifications located inside and outside the City. A computer rate model was used to design a uniform rate structure to recover the total cost of service incorporating the results of the cost allocation study.

## PAUL R. HERBERT, cont.

- <u>The York Water Company Cost of Service Allocation and Rate Design</u>. The study included the allocation of cost of service to customer classifications within the gravity and repumped service areas. Allocation factors were prepared, as well as the customer bill analysis. Several proposed rate design alternatives using a computer rate model were developed for Company management which involved restructuring the minimum charges and rate blocks.
- Pennsylvania-American Water Company Cost of Service Allocation and Rate Design. The study included the development of system maximum day and hour demands, factors for allocating cost of service to customer classifications, bill analysis, rate application and rate design. The rate design computer model involved consolidating several rate zones into a single rate structure. Mr. Herbert filed direct testimony with regard to the bill analysis and rate application portions of the study. Responses to extensive discovery requests were prepared. Compliance rates were designed and submitted with a proof of revenue statement.
- Aqua Pennsylvania, Inc. (formerly Philadelphia Suburban Water Company) Cost of Water Service Study: Allocation of Costs to Customer Classifications and Rate Design. Mr. Herbert was responsible for the original study which included cost allocation to the several customer classifications based on considerations of quantity of water consumed, variability of rate of flow, and costs associated with metering, billing, and accounting; and modifying the existing rate structure to provide revenues form the several customer classifications. The base-extra capacity method was used to allocate the costs. The primary customer classifications were residential, commercial, industrial, other utilities, public fire protection, and private fire protection. The rate design study included preparing proof of revenue statements by applying the present and proposed rates to the detailed bill analysis, sing a computer rate model.
- <u>City of Lebanon Authority Water and Wastewater Systems Revenue Requirement, Cost of Service Allocation and Rate Design</u>. The studies included projecting the revenues required for a three-year period for the water and wastewater systems. The projected revenue requirement included debt service for proposed bond issues which funded the construction of new facilities. The rate structures included the results of the cost of service allocation and the projected revenue requirements. Comprehensive reports were prepared summarizing the results of the studies.

Mr. Herbert's continuing education has included several instructional programs related to cost analysis including the National Association of Regulatory Utility Commissioner's Seminar on Water Regulation hosted by the University of South Florida, "Financial Planning for Wastewater Treatment Systems" sponsored by the University of Wisconsin, "Concepts of Service Cost Studies" sponsored by the United States Telephone Association, and AGA Advanced Regulatory Seminar sponsored by the American Gas Association and the University of Maryland.

From 1975 to 1977, Mr. Herbert worked for Herbert Associates, Inc., Consulting Engineers, as a Field Office Manager for a large sewer collection system construction project; and from 1972 to 1974, he worked part time for the United Telephone System, Eastern Group, in the plant accounting department.

# **RESPONSE TO PSC**

# PSC CASE NO. 2008-00250

# **ITEM 23**

## Frankfort Electric and Water Plant Board Response to PSC Order Dated: 7-2-2008 Case No. 2008-00250

ITEM 23: If the proposed rate is not based upon a cost-of service study, describe how the Plant Board determined the proposed wholesale rate and state who participated in the determination.

Response: N/A

# **RESPONSE TO PSC**

# PSC CASE NO. 2008-00250

ITEM 24

## Frankfort Electric and Water Plant Board Response to PSC Order Dated: 7-2-2008 Case No. 2008-00250

- ITEM 24: State whether KRS 96.171-96.188 governs the operation of the Plant Board.
- Response: The Plant Board is organized pursuant to KRS 96.171 et seq.

-

# **RESPONSE TO PSC**

# PSC CASE NO. 2008-00250

**ITEM 25** 

Frankfort Electric and Water Plant Board Response to PSC Order Dated: 7-2-2008 Case No. 2008-00250

ITEM 25: Provide the ordinance or resolution of the Plant Board in which the proposed rate adjustment was approved.

Response: Ex. 1 – May 2008 minutes

,

The Regular Monthly Board Meeting of the Frankfort Electric and Water Plant Board of the City of Frankfort, Kentucky was held at the Plant Board Clubhouse, located at 98 Tanglewood Drive on May 27, 2008 at 5 p.m.

## INDIVIDUALS ATTENDING

Joseph Smith, Chairman Sheila Burton, Vice Chairman Michael Dudgeon, Secretary-Treasurer Ann Wingrove, Board Member **Bennie Maffet, Board Member** James Liebman, Board Attorney Warner J. Caines, General Manager Hance Price, Staff Attorney Herbbie Bannister, Assistant General Manager/Opr. Ann Bohannon, Executive Assistant **Michele Walker, Executive Assistant Rodney Simpson, Electric Superintendent David Billings, Chief Water Engineer Russ Colwell, Customer Service Director** Mark Redmon, Support Services Superintendent Scott Hudson, Assistant Electric Superintendent Chris Riddle, Water Treatment Superintendent Vent Foster, Chief Electric Engineer Karl Pitzer, IT Director Shannon Taylor, Finance Director **Dianne Schneider, HR Director** John Higginbotham, Cable Superintendent Kim Watson, Safety Director Jim Allen, Water Superintendent Gary Grider, Media Service Director Leigh Ann Darnaby, Purchasing Agent Carl Mitchell, Cable Construction Manager Kim Watson, Safety Director Pat Lynch, Customer Paul Glasser, State Journal Bill May, Mayor Tony Massey, City Manager Eddie Riddle, Customer Andy McDonald, Customer Jim McWilliams, Customer Dean Sorg, Customer Tom Marshall, Attorney

## AGENDA

The Agenda for the Regular Board Meeting of May 27, 2008 was received and entered into the Minute Book as follows:

- 1. Approve Minutes of Regular Board Meeting of April 15, 2008.
- 2. Approve Electric, Water & Cable Financial & Statistical Reports Including Due and Just Bills and Transfers for the Month of April, 2008.
- 3. Informational Item Departmental Reports.
- 4. Informational Item Cable Advisory Committee Vacancies.
- 5. Approve Proposed Water Rate Increase for all Customer Classes.
- Conduct a Public Hearing covering (1) Increasing Rates for Bulk Cable 1 and 2 Services, (2) Increasing Premium Cable Services, (3) Increasing Price for Cable Card Device and (4) Increasing, Establishing and Eliminating Rates for Residential and Business Cable Modem.
- 7. Approve Changes in the Job Classification/Pay Compensation Plan-Approve Cost-of-Living Increase and Merit Pool Increase for Eligible Employees.

5. <u>Approve Proposed Water Rate Increase as Recommended in the Cost-of Service Study</u> for all Customer Classes

The Executive Digest of the Board Package provided the following Management Recommendation and Comments:

"The Board approved Notice of a Public Hearing at the March Board Meeting and a Public Hearing was held April 15, 2008. No oral comments or written statements were received. Therefore, Staff recommends that the Board approve the proposed water rate increase as recommended in the Cost-of-Service performed by Gannett Fleming. The existing and recommended rates for adoption are outlined in the detail section."

Mr. Smith asked for comments. Ms. Taylor reiterated the Executive Digest.

There being no discussion, a motion was made by Mr. Dudgeon to approve the proposed water rate increase for all customer classes in accordance with the Cost-of-Service Study. The motion was seconded by Ms. Wingrove and unanimously approved.

6. <u>Conduct a Public Hearing to Covering (1) Increasing Rates for Bulk Cable 1 and 2</u> <u>Services, (2) Increasing Premium Cable Services, (3) Increasing Price for Cable Card</u> <u>Device and (4) Increasing and Establish Rates for Residential and Business Cable Modem</u>

This Hearing will come to order. My name is Sheila Burton, I have been requested by the Board to conduct this Hearing. With me today are the Board Members and Staff of the Frankfort Electric and Water Plant Board. We are here to receive comments regarding a Proposed Water Rate Increase for all Customer Classes. This Public Hearing was advertised in accordance with the Regulations for Public Notification and printed on May 25, 2008 by the State Journal, May 22, 2008 by the Woodford Sun, and May 21, 2008 by the Sentinel News.

We have ask that you register if you request to speak. If you have not already done so, please register with the Secretary so that we will have a record of those in attendance and wishing to speak today.

A brief further statement about the conduct of this Public Hearing is in order. This Hearing will be conducted informally. This Hearing is being conducted voluntarily by the Frankfort Electric & Water Plant Board in order to accept comments on the above item. Formal rules of evidence will not apply. Both oral and written comments will be accepted. Any and all persons present who wish to make a statement will be afforded an opportunity to do so. If you have a written statement to accompany your oral presentation, a copy of the written statement should be provided to me prior to your presentation. If you have a lengthy statement, I ask that you summarize your comments. Oral presentation to be completed due to this time limit. I may ask questions of any person presenting oral comments where it is necessary to clarify the nature or substance of the comments.

The reasons for conducting the Hearing by these rules are so that we can collect information, especially information that the Board has not previously considered, and take it under review.

The Board may not answer questions because we do not want to make hasty judgments on specific issues that are brought out if technical in nature. This is especially true since different points of view may come up during the course of the day from different speakers. It is the job of the Board to fairly consider these points of view and information as part of the setting. We do want public input and involvement and I hope you do not find our standard procedures restrictive.

The oral comment period for this Hearing will end at the close of business on May 27, 2008. Written comments received on or before May 27, 2008 will be accepted and considered.

Before we open the floor for comments, Mr. John Higginbotham will highlight the proposed items listed above.

Mr. Higginbotham briefly highlighted the reasons for the above proposed increases as provided in the April Board Meeting. Ms. Bohannon stated that no one had registered to speak.

There being no further discussion, Ms. Burton closed the Public Hearing.

According to Mr. Joe Henry of GRW Engineers, we are "on tract with our project schedule with the KIA".

Mr. Smith asked for comments. Mr. Billings reiterated the Executive Digest.

No further discussions ensued.

23. Informational Item - Blacktop Access Road to the Pea Ridge Road Water Tank

The Executive Digest of the Board Package provided the following Management Recommendation and Comments:

"Mr. Caines received a request from Mr. Jim Cline for the Plant Board to participate in paving the access road to the Pea Ridge Road Water Tank. Mr. Cline and his daughter have built houses on the access road and were concerned about the dust.

Mr. Cline requested the Plant Board pay half the cost of the paving from Pea Ridge Road to the security gate at the water tank fence."

Mr. Smith asked for comments. Mr. Caines reiterated the Executive Digest.

A brief discussion ensued on who would be responsible for the maintenance of the road. Mr. Caines stated that Mr. Cline was advised that the Plant Board would not be responsible.

## 24. Other New and Old Business:

A. Appoint Committee to discuss Green Policies and Procedures

Mr. Smith stated that he would like to appoint a Committee to provide a directional statement on greening the company. He appointed Mr. Dudgeon to chair the Committee, along with Sheila Burton and Ann Wingrove. The Committee will report back with this information at the June Board Meeting.

25. <u>Request Permission to have Chairman Call a Closed Door Session in Accordance with</u> KRS 61.810(1)(F) In the Event it's Necessary to Discuss Pending Litigation

Mr. Smith called for a motion to have the Chairman call a Closed Door Session in accordance with KRS 61.810(1)(F) in the event it's necessary to discuss pending litigation. A motion was made by Ms. Wingrove, seconded by Mr. Dudgeon and unanimously approved.

26. Closed Door Session

No Closed Door Session was necessary.

ATTEST:

## **RESPONSE TO PSC**

## PSC CASE NO. 2008-00250

**ITEM 26** 

Frankfort Electric and Water Plant Board Response to PSC Order Dated: 7-2-2008 Case No. 2008-00250

ITEM 26: Board meeting minutes since 1-1-06 in which

a rate adjustment to wholesale customers

was discussed.

Response: Attached – Ex. 1

The Regular Monthly Board Meeting of the Frankfort Electric and Water Plant Board of the City of Frankfort, Kentucky was held at the Plant Board's Clubhouse located at 98 Tanglewood Drive on Tuesday, July 18, 2006 at 5 p.m.

#### INDIVIDUALS ATTENDING

Joseph Smith, Chairman Sheila Burton, Vice Chairman Michael Dudgeon, Secretary/Treasurer Ann Wingrove, Board Member Bennie Maffet, Board Member James Liebman, Board Attorney Hance Price, Staff Attorney Warner J. Caines, General Manager Herbbie Bannister, Assistant General Manager/Oprs. Ann Bohannon, Executive Assistant **Russ Colwell, Customer Service Director** Dianne Schneider, Human Resource Director **Rodney Simpson, Electric Superintendent** Leigh Ann Disponett, Purchasing Agent Mark Redmon, Support Service Superintendent Adam Hellard, Manager of Security Dana Goodlett, Manager of Cable Installation John Higginbotham, Cable Superintendent Kim Watson, Safety Director **Jimmy Allen, Water Superintendent** David Billings, Chief Water Engineer Chris Riddle, Water Plant Superintendent Karl Pitzer, IT Director **Shannon Taylor, Finance Director** Mike Lane, R. W. Beck **Tom Marshall** Paul Glasser, State Journal

#### AGENDA

The Agenda for the Regular Board Meeting of July 18, 2006 was received and entered into the Minute Book as follows:

- 1. Approve Minutes of Regular Board Meeting of June 20, 2006.
- 2. Approve Electric, Water & Cable Financial & Statistical Reports Including Due and Just Bills and Transfers for the Month of June, 2006.
- 3. Informational Item Departmental Reports.
- 4. Presentation of Revised Cost-of-Service Study by R. W. Beck & Associates.
- 5. Approve Notice of a Public Hearing Covering a Proposed Water Rate Increase for All Wholesale Water Customers.
- 6. Informational Item Study on Net Metering, Smart Metering and Interconnection Standards.
- 7. Approve Routine Cable/Telecommunications Line Extension Agreement for The Maples-Phase 3 Associated with Work Order 9954C (\$25,723.38).
- 8. Other New and Old Business:
  - 1. Approve Award of Bid Invitation #1390 (Annual Wood Poles \$91,225)
  - 2. Approve Award of Bid Invitation #1391 (Annual Transformers \$77,516)
  - 3. Approve Award of Bid Invitation #1392 (Annual Pipe & Fittings)
  - 4. Approve Award of Bid Invitation #1386 (Tree Trimming)
- 9. Request Permission to have Chairman Call an Emergency Closed Door Session in Accordance With KRS 61.810(1)(F) Prior to the Next Regularly Scheduled Board Meeting in the Event it's Necessary to Discuss Pending Litigation.
- 10. Closed Door Session.

Mr. Bannister asked Mr. Billings to brief the Board on the Bluegrass Water Consortium project. Mr. Billings stated that the Bluegrass Water Supply Commission met today and plans are still underway to get a water treatment plant on pool 3. The options include Versailles, FPB and the Louisville Water Company. The Commission also purchased an option for a piece of property on pool 3 and have obtained a financial advisor to help develop business and financial plans for this project. One of the downsides to this project has been Kentucky American's inability to commit to the Bluegrass Water Supply Commission. Kentucky American recently came out with a statement stating they are going to build a water plant on their own. However, this has not slowed down the efforts of the Water Supply Commission. The Commission has requested an estimate from the Plant Board on a 5 and 10 delivery system which we are currently working on. GRW is finalizing their study on the Water Treatment Plant and will be making a presentation to the Board hopefully next month. Mr. Billings stated he will keep the Board advised on this endeavor.

Mr. Smith asked if the aerial crossing project had been completed? Mr. Billings stated yes.

Mr. Smith asked about the insurance collection on the pumps. Mr. Liebman stated that he and Mr. Price were working on this and it appears legal action will have to be taken. The Board will be kept advised.

4. <u>Presentation of Revised Cost-of-Service Study by R. W. Beck & Associates</u> (Shannon Taylor and R. W. Beck Representatives will discuss)

The Executive Digest of the Board Package provided the following Management Recommendation and Comments:

"Mr. Mike Lane with R. W. Beck & Associates, will be at the Board Meeting to present a revised Cost-of-Service Study to the Board. Copies of the revised Cost-of-Study were handed out to the Board at the July 11<sup>th</sup> Budget Meeting."

Mr. Smith asked for comments. Mr. Mike Lane explained to the Board that the reason for the revised Cost-of-Service Study was due to the expenses that were used in this year's budget to arrive at the revenue requirements were not the same expenses used in the first Cost- of-Service Study. We felt the numbers were different enough to warrant a revision in the Cost-of-Service Study.

Mr. Lane proceeded to highlight the Goals, the Study Overview, Customer Usage, Comparison of Average Rates for City, County and Wholesale Customers and the Rate Option Scenarios. Mr. Lane stated that instead of the three rate option scenarios that were presented last month, there are now four scenarios. Mr. Lane briefly highlighted each scenario and the rate amount needed for each scenario to meet the necessary revenue requirement.

One area that the Plant Board needs to look at is how the developers are reimbursed. Ms. Wingrove asked Mr. Lane to explain what an impact fee was. Mr. Billings briefly explained that the Plant Board's policy has been to reimburse the developers the same as if we were a private company ruled by the Public Service Commission. There is only one other utility that reimburses the developers Louisville Water Company. They average about \$200 per lot whereas we average about \$1500 per lot. Mr. Caines stated that if an impact fee was adopted, you would collect from the new customer for new growth. As is it now, all customers are subsidizing the developers. After a brief discussion ensued on the timeline to implement a impact fee, Mr. Smith suggested that this matter be discussed further at next month's Board Meeting. Mr. Billings advised that Staff will prepare informaon this matter for the Board's consideration for next month.

5. <u>Approve Notice of a Public Hearing Covering a Proposed Water Rate Increase for All</u> Wholesale Water Customers: (See C-5/1): (Shannon Taylor will discuss)

The Executive Digest of the Board Package provided the following Management Recommendation and Comments:

Staff is recommending that the Board approve a Notice of a Public Hearing covering a proposed water rate increase for all Wholesale Water Customers. Based on the results of

SHEET 2 OF 22

the Cost-of-Service Study, Staff is recommending an 11.4% water rate increase effective with the bill due and payable October 15, 2006.

The proposed water rate increases are as follows:

SERVICE	EXISTING	PROPOSED
Resale-Non Water Producers (Water Districts)	\$ 1.539	\$ 1.714
Resale-Other Water Producers (Georgetown Water Company)		
0 15,000,000	\$ 1.599	\$ 1.781
Over 15,000,000	\$ 1.406	\$ 1.566

Mr. Smith asked for comments. Ms. Taylor reiterated the Executive Digest.

At the request of Ms. Burton, the August Board Meeting will be changed to August 22<sup>nd</sup> at 5 p.m. at the clubhouse. The notice of the public hearing will be changed to reflect this revised schedule.

A brief discussion ensued on which option covered under the Cost-of-Service Study the Plant Board will choose. Further discussion will occur at the August Board Meeting.

There being no further discussion, a motion was made by Mr. Dudgeon to approve the Notice of a Public Hearing covering a proposed water rate increase for all wholesale water customers. The motion was seconded by Ms. Burton, and unanimously approved.

6. Informational Item - Study on Net Metering, Smart Metering and Interconnection Standards: (Hance Price and David Carpenter will discuss)

The Executive Digest of the Board Package provided the following Management Recommendation and Comments:

"Pursuant to the Energy Policy Act of 2005, FPB has an obligation as a self-regulated utility selling in excess of 500 million kwh annually to consider and decide on several national energy policy issues. These include net metering, smart metering and interconnection standards. While the Board must consider the standards, it is not required to implement them.

The Board must consider these standards, hold a public hearing and issue a written decision determining whether to implement these standards. Consideration of smart metering and Interconnection standards must be commenced by August 8, 2006 and a determination made by August 8, 2007. Consideration of net metering standards must be commenced by August 8, 2007 and a determination made by August 8, 2008.

The Electric Department will complete a study discussing the three standards. The study is expected to be completed by April, 2007 and contain a review of all three standards. The Board must hold a public hearing and then decide whether to adopt the standards in a written decision on or before the July 2007 Board Meeting."

Mr. Smith asked for comments. Mr. Price reiterated the Executive Digest.

There being no further discussion, Mr. Smith asked Staff to submit a timeline associated with this study. Staff will provide the Board with this information.

 <u>Approve Routine Cable/Telecommunications Line Extension Agreement for The Maples</u> <u>Phase 3 – Associated with W.O. 9954C (\$25,723.38): (See C-7/1-9): (Carl Mitchell</u> <u>will discuss)</u>

The Executive Digest of the Board Package provided the following Management Recommendation and Comments:

"Staff recommends that the Board approve the Routine Cable/Telecommunications Line Extension Agreement for The Maples associated with W.O. 9954C in the amount of SHEET 3 OF 22 The Regular Monthly Board Meeting of the Frankfort Electric and Water Plant Board of the City of Frankfort, Kentucky was held at the Plant Board's Clubhouse located at 98 Tanglewood Drive on Tuesday, August 22, 2006 at 5 p.m.

#### INDIVIDUALS ATTENDING

Joseph Smith, Chairman Sheila Burton, Vice Chairman Michael Dudgeon, Secretary/Treasurer Ann Wingrove, Board Member **Bennie Maffet, Board Member** Warner J. Caines, General Manager **David Sandidge, Consultant** Hance Price, Staff Attorney Herbbie Bannister, Assistant General Manager Ann Bohannon, Executive Assistant Karl Pitzer, IT Director Jimmy Allen, Water Superintendent David Billings, Water Engineer **Dianne Schneider, HR Director** Leigh Ann Disponett, Purchasing Agent Mark Redmon, Support Service Superintendent **David Carpenter, Electric Engineer** Chris Riddle, Water Plant Superintendent **Rodney Simpson, Electric Superintendent** Carl Mitchell, Manager of Cable Engineering/Construction Dana Goodlett, Manager of Cable Installation Ed Hancock, Manager of Telecommunications John Higginbotham, Cable Superintendent **Russ Colwell, Customer Service Director Shannon Taylor, Finance Director** Paul Glasser, State Journal Bob Riddle, Manager - Georgetown Water Co. Paul & Diane Looney, Customers

#### AGENDA

The Agenda for the Regular Board Meeting of August 22, 2006 was received and entered into the Minutes Book as follows:

- 1. Approve Minutes of Regular Board Meeting of July 18, 2006.
- 2. Approve Minutes of Special Board Meeting of July 11, 2006 covering the FY 2006-07 Budget and Five Year Plan.
- 3. Approve Electric, Water & Cable Financial & Statistical Reports Including Due and Just Bills and Transfers for the Month of July, 2006.
- 4. Informational Item Departmental Reports.
- 5. Conduct a Public Hearing Covering a Proposed 11.4% Water Rate Increase for All Wholesale Water Customers Effective with the Bill Due and Payable December 15, 2006.
- 6. Informational Item Presentation of the Water Treatment & Distribution System Upgrade Feasibility Expansion Study by GRW.
- 7. Informational Item Review of Existing FPB Refund Policies and Proposed Implementation of Impact Fees to Recover Refunds.
- 8. Informational Item Discuss Employee Suggestion Program.
- 9. Approve Routine Water Line Extension Agreement for Whiskey Ridge Estates Associated with Work Order 10005C (\$56,650.35).
- 10. Approve Routine Electric Line Extension Agreement for Whiskey Ridge Estates Associated with Work Order 10021C (\$34,002.85).
- 11. Approve Routine Water Line Extension Agreement for The Vineyards Associated with Work Order 9942C (\$58,104.09).
- 12. Approve Routine Water Line Extension Agreement for Sycamore Crossings Associated with Work Order 9559C (\$84,038).

- 13. Other New and Old Business:
- A. Approve Award of Bid Invitation #1395 (Fort Hill Booster Station-\$80,400).
- B. Informational Item Discuss FSN Notes (a) Extending Principal Retirement Periods and (b) Restricting Variable Interest Rate Ranges.
- 14. Request Permission to have Chairman Call an Emergency Closed Door Session in Accordance With KRS 61.810(1)(F) Prior to the Next Regularly Scheduled Board Meeting in the Event it's Necessary to Discuss Pending Litigation.
- 15. Closed Door Session.

## **BOARD ACTION**

1 Approve Minutes of Regular Board Meeting of July 18, 2006

Mr. Smith called for a motion to approve the Minutes of the Regular Board Meeting of July 18, 2006. There being no discussion, a motion was made by Mr. Dudgeon, seconded by Ms. Wingrove and unanimously approved.

2. <u>Approve Minutes of Special Board Meeting of July 11, 2006 covering the FY 2006-07 Budget</u> and Five Year Plan

Mr. Smith called for a motion to approve the Minutes of the Special Board Meeting of July 11, 2006 covering the FY 2006-07 Budget and Five Year Plan. There being no discussion, a motion was made by Ms. Wingrove, seconded by Mr. Dudgeon and unanimously approved.

3. Approve Electric, Water & Cable Financial & Statistical Reports Including Due and Just Bills and Transfers for the Month of July, 2006

Mr. Smith asked for comments. Ms. Taylor highlighted the financial and statistical data as well as the financial notes for all lines-of-business.

There being no further discussion, a motion was made by Mr. Dudgeon, seconded by Ms. Wingrove and unanimously approved.

DATE	CK #	PAYEE	AMOUNT	DESCRIPTION
			TT 000 40	
7/21/2006	2	FARMERS	\$1,822.42	RET DRAFTS
7/11/2006	3 -	FARMERS	\$247.55	ACH FEE MAY 06
7/26/2006	4	FARMERS	\$43.35	RET BANK DRAFTS
7/5/2006	76590	POSTMASTER	\$1,000.00	POSTAGE - SECOND NOTICES
7/5/2006	76591	ESRI	\$2,250.00	REGISTRATION
7/5/2006	76592	HANCOCK, ED	\$557.91	TRAVEL
7/5/2006	76593	WHITAKER BANK	\$2,527.09	RET CKS
7/5/2006	76594	BROWN, DAVID	\$139.98	REIMBURSE INTERNET
7/5/2006	76595	R & R ELECTRIC	\$375.00	ELECTRICAL SERV -WC SERV BLDG
7/5/2006	76596	CARPENTER, DAVID	\$24,52	REIMBURSE
7/5/2006	76597	HARROD, MARK	\$31.00	CDL REIMBURSE
7/5/2006	76598	HANCOCK, ED	\$69.36	REIMBURSE
7/5/2006	76599	FPB	\$1,006.34	IMPREST REFUND
7/7/2006	76600	WHITAKER BANK	\$1,689.20	RET CKS
7/7/2006	76601	UPS	\$60.96	SHIPPING
7/7/2006	76602	BELLSOUTH	\$1,495.76	TELEPHONE
7/7/2006	76603	COLUMBIA GAS	\$20.48	- UTILITIES - ELE
72006	76604	VERIZON	\$227.15	PAGERS
/2006	76605	KU	\$426.94	UTILITIES - CABLE
72006	76606	• MWWAK	\$3,000.00	DUES - ONE YEAR
<i>u 1</i> /2006	76607	AICPA	\$245.00	DUES
7/7/2006	76608	AICPA	\$169.00	CONTINUING EDUCATION
7/7/2006	76609	EVILSIZOR'S FRAMING	\$26.00	CUSTOM FRAMING
7/7/2006	76610	FARMERS BANK	\$479.80	PAYMENTS - TELLERS - TWO MOS
7/7/2006	76611	PROACTIVE THERAPY	\$45.00	NEW EMP PHYSICALS
7/7/2006	76612	CAPITAL FAMILY PHYSICIANS	\$190.00	NEW EMP PHYSICALS
7/7/2006	76613	CAPITAL EXPO INC	\$1,250.00	SPONSORSHIP FEE - CAP EXPO
7/7/2006	76614	COLONIAL LIFE	\$49.10	EMP SUPPLEMENTAL INS
7/7/2006	76615	WHITAKER BANK	\$21.60	216 PAYMENTS - TELLERS
7/7/2006	76616	GEORGE LAFRANA	\$19.95	LEX HERALD-LEADER
7/7/2006	76617	AFLAC	\$134.44	EMP SUPP INS
7/7/2006	76618	CREDIT CLEARING HOUSE	\$940.65	Collections
7/7/2006	76619	TINGLE'S RIVERVIEW	\$365.00	Emp Flowers

#### IMPREST FUND DISBURSEMENTS

SHEET 5 OF 22

<u>Cable/Telecommunications</u> – There were 13 Cable/Telecommunications Outages during the Month of July. *(John Higginbotham will discuss)* 

<u>Water Treatment Plant</u> - During the Month of July, the Water Treatment Plant withdrew approximately 287 million gallons of raw water with an average daily withdrawal rate of 9.30 million gallons. During this same time frame last year, this system averaged 11.0 million gallons. The maximum daily demand occurred on July 3<sup>rd</sup> with 11.2 mgd being produced on this date. Compliance with all Federal and State Water Quality Standards were maintained. (Chris Riddle will discuss)

<u>Safety</u> – There were 2 OSHA recordable accidents during the Month of July. *(Kim Watson will discuss)* 

- A Meter Reader had an allergic reaction to poison ivy that required medical treatment.
- A Support Services employee jumped from the bed of a dump truck and strained his lower back which resulted in restricted duty.

There was 1 vehicle accident during the Month of July:

• A cable van was struck in the rear while stopped at a stoplight. The other driver left the scene of the accident. The FPB van sustained minor damage.

<u>Customer Service</u> – During the Month of July, approximately 16,258 incoming calls were received on our main number 352-4372. This was 687 fewer calls received than last month which had 22 days of call reporting compared to 20 days this month. The daily average of calls were 813, with 4 billing representatives and 8 CSRs available for calls. The average calls per representative, per day would be 68. These statistics do not include walk-in customers, direct dialed calls to the representatives two phone lines or any internal calls or after hours and weekend calls. These call numbers do include any calls received at our main number that were transferred to the Cable, Electric and Water Departments. (Russ Colwell will discuss)"

Mr. Smith asked for comments. Each Department highlighted their department's outages.

Mr. Allen advised that we are currently dealing with some problems on Holmes Street due to corrosion of the pipes and that we will eventually have to replace the pipes.

Mr.Colwell reported that the Farmer's Bank project is still going well.

Mr. Billings advised that due to Ky-American's decision not to participate in the Bluegrass Water Supply efforts, other Board's will be presenting Resolutions to Ky-American encouraging them to join in the Consortium's effort. Mr. Billings stated he will be presenting a similar Resolution to the Board next month for their approval.

Mr. Smith asked why Ky-American was not made a part of the Consortium? Mr. Billings stated he didn't know why. Mr. Bannister stated that the original requirements forming the consortium did not allow for a private company to become a member. Also, a brief discussion ensued on the possibility of using a mediator in dealing with Ky-American. Staff will keep the Board advised.

## Conduct a Public Hearing Covering a Proposed 11.4% Water Rate Increase for All Vholesale Water Customers Effective with the Bill Due and Payable December 15, 2006:

his Hearing will come to order. My name is Sheila Burton, Vice Chairman. I have been requested by the Chairman to conduct this Hearing. With me today are the Board Members and Staff of the Frankfort Electric and Water Plant Board. We are here to receive comments regarding a Proposed 11.4% Water Rate Increase for all Wholesale Water Customers effective with the bill due and payable December 15, 2006. This Public Hearing was advertised in accordance with the Regulations for Public Notification and printed on August 13, 2006 by the State Journal, August 10, 2006 by the Woodford Sun, August 11, 2006 by the Sentinel News, August 13, 2006 by the Georgetown News, and August 9, 2006 by the Anderson News. The Radio Media was advised of the Public Hearing on August 3, 2006.

SHEET 6 OF 22

We have asked that you register if you request to speak. If you have not already done so, please register with the Secretary so that we will have a record of those in attendance and wishing to speak today.

A brief further statement about the conduct of this Public Hearing is in order. This Hearing will be conducted informally. This Hearing is being conducted voluntarily by the Frankfort Electric & Water Plant Board in order to accept comments on the above items. Formal rules of evidence will not apply. Both oral and written comments will be accepted. Any and all persons present who wish to make a statement will be afforded an opportunity to do so. If you have a written statement to accompany your oral presentation, a copy of the written statement should be provided to me prior to your presentation. If you have a lengthy statement, I ask that you summarize your comments. Oral presentations should be limited to no more than 10 minutes. If necessary, I will interrupt and request the presentation to be completed due to this time limit. I may ask questions of any person presenting oral comments where it is necessary to clarify the nature or substance of the comments.

The reasons for conducting the Hearing by these rules are so that we can collect information, especially information that the Board has not previously considered, and take it under review.

The Board may not answer questions because we do not want to make hasty judgments on specific issues that are brought out if technical in nature. This is especially true since different points of view may come up during the course of the day from different speakers. It is the job of the Board to fairly consider these points of view and information as part of the setting. We do want public input and involvement and I hope you do not find our standard procedures restrictive.

The oral comment period for this Hearing will end at the close of business on August 22, 2006. Written comments received on or before August 22, 2006 will be accepted and considered.

Before we open the floor to those wishing to comment for the record, Shannon Taylor will comment on the proposed item listed below.

The proposed water rate increases are as follows:

SERVICE	EXISTING	PROPOSED
Resale-Non Water Producers (Water Districts)	\$ 1.539	\$ 1.714
Resale-Other Water Producers (Georgetown Water Company)		
0 15,000,000 Over 15,000,000	\$ 1.599 \$ 1.406	\$ 1.781 \$ 1.566

Mrs. Burton asked Ms. Taylor to comment on the proposed water rate increase for wholesale water customers. Ms. Taylor highlighted the existing rates and the proposed rates. Ms. Taylor further commented that there are several cost drivers that have forced the Plant Board to implement a water rate increase. These are costs that FPB has no control over and that will continue in the future. These costs are: (1) FPB's increase in retirement of approximately \$400,000 (over the next five year budget), (2) system improvements such as the chemical feed building (budgeted \$8.4 million over the next five year budget), (3) increase in water treatment chemicals (approximately \$600,000 over the next five year budget), (4) a new minimum reserve level (\$2.2 million in year five), and (5) the emergency pump issue in 2005 that required over \$400,000 in expenditures from our reserves.

Mrs. Burton asked if anyone was present that had registered to speak? Ms. Bohannon stated that Mr. Bob Riddle, Manager of the Georgetown Water Company, would like to address the Board on the proposed item.

Mr. Riddle stated that the Georgetown Water Company has purchased water from the Plant Board for about 16 years and our agreement with FPB expires in about four years. Georgetown is very appreciative of this agreement and the relationship with FPB. Mr. Riddle further stated that Georgetown continues to have problems with the spring on a daily basis. The most recent problem that we have had is with some waste water plants (package plants) in Scott County. We didn't realize until the couple of months ago that there has been a discharge in our water which has resulted in new testing measuring for human viruses. Georgetown has had to deal with not only the drying up of the spring, but the problem with spills. Mr. Riddle wanted to compliment FPB's Staff for helping out. We don't have a reservoir yet and not really sure if we ever will. Georgetown also needs money this year as well to keep up with the same costs that FPB mentioned. The City Council did not want to raise rates so they raised our connection fees instead. The connection fee went from \$700 per residential unit to \$1500 per residential unit. This took the rate hike off the consumers and put it more on new development. Mr. Riddle stated he didn't have anything positive or negative on the proposed rate increase. He understood that FPB needs money to run its business. We expect this. Again, Georgetown is very appreciative of the relationship it has with FPB.

There being no further comments, Mrs. Burton closed the Public Hearing.

 Informational Item – Presentation of the Water Treatment & Distribution System Upgrade Feasibility Expansion Study by GRW: (David Billings and GRW will discuss)

The Executive Digest of the Board Package provided the following Management commendation and Comments:

RW will present the results of the Water Treatment & Distribution System Upgrade reasibility Expansion Study conducted for the Bluegrass Water Supply Commission. (Detail will be handed out at the Board Meeting)"

Mr. Smith advised that this item will be deferred until next month. (Death of a family member with GRW)

Informational Item – Review of Existing FPB Refund Policies and Proposed Implementation of Impact Fees to Recover Refunds : (Herbbie Bannister will discuss)

The Executive Digest of the Board Package provided the following Management Recommendation and Comments:

- "The Board directed Staff at the July Board Meeting to review the existing refund policies and make recommendations. Each Department will present a brief summary of their department's refund policies. Staff will also discuss sister utility refund policies and advise the Board of recommendations regarding future refund procedures. (Detail will be provided prior to or at the Board Meeting)"
- Mr. Smith asked for comments. Mr. Bannister stated that his presentation will cover a view of FPB's policy for extension of utilities to service Subdivision Developments id associated refund that we provide to developers when they develop a subdivision.

Mr. Bannister highlighted the following:

#### WHY REVIEW EXTENSION/REFUND POLICY?

- 1. Discussions with sister utilities have revealed FPB refunds are more generous (specifically in water).
- 2. 2006 Water Cost of Service Study noted "the current reimbursement policy is harmful to the financial stability of FEWPB and should be reviewed and revised..." This policy is not in accord with general practice throughout the water utility industry..."
- 3. FPB Board Chairman requested review of refund procedure in all three utility services.

#### WATER

Water extensions to subdivisions and industrial/commercial developments

- 1. Developer required to advance the total estimated cost of construction.
- Total cost of construction includes both offsite and onsite line extensions.
   FPB will refund to the Developer the cost of 50' of installed pipe for every
- lot that develops (certificate of occupancy).
  4. Costs for fire protection (fire hydrants) is a non-refundable cost of an extension.
- 5. In recent water contracts to subdivisions, the average non-refundable fire protection costs were approximately 13.5% of the actual construction costs.

The Regular Monthly Board Meeting of the Frankfort Electric and Water Plant Board of the City of Frankfort, Kentucky was held at the Plant Board's Clubhouse located at 98 Tanglewood Drive on Tuesday, September 19, 2006 at 5 p.m.

## INDIVIDUALS ATTENDING

Joseph Smith, Chairman Sheila Burton, Vice Chairman Michael Dudgeon, Secretary/Treasurer Ann Wingrove, Board Member Bennie Maffet, Board Member James Liebman, Board Attorney Warner J. Caines, General Manager Hance Price, Staff Attorney Ann Bohannon, Executive Assistant Karl Pitzer, IT Director Mike Perry, Assistant Water Superintendent **David Billings, Water Engineer Dianne Schneider. HR Director** Leigh Ann Disponett, Purchasing Agent Mark Redmon, Support Service Superintendent David Carpenter, Electric Engineer Chris Riddle, Water Plant Superintendent **Rodney Simpson, Electric Superintendent** Carl Mitchell, Manager of Cable Engineering/Construction Kim Watson, Safety Director Dana Goodlett, Manager of Cable Installation Ed Hancock, Manager of Telecommunications John Higginbotham, Cable Superintendent **Russ Colwell, Customer Service Director** Shannon Taylor, Finance Director **Bob Smallwood, GRW** Joe Henry, GRW Michael Davenport, Developer Paul Glasser, State Journal Paul Looney, Customer

#### AGENDA

The Agenda for the Regular Board Meeting of September 19, 2006 was received and entered into the Minutes Book as follows:

- 1. Approve Minutes of Regular Board Meeting of August 22, 2006.
- 2. Approve Electric, Water & Cable Financial & Statistical Reports Including Due and Just Bills and Transfers for the Month of August, 2006.
- 3. Informational Item Departmental Reports.
- 4. Approve Proposed 11.4% Water Rate Increase for All Wholesale Water Customers Effective with the Bill Due and Payable December 15, 2006.
- 5. Informational Item Presentation of the Water Treatment & Distribution System Upgrade Feasibility Expansion Study by GRW.
- 6. Approve Resolution Encouraging Kentucky American Water (KAW) to Return to the Regional Public/Private Partnership Concept Endorsed by the Bluegrass Water Supply Commission (BWSC).
- 7. Informational Item Budgetary Impact of Implementing Impact Fees for Electric and Water.
- 8. Informational Item Consider New Terms for the Five FSN Notes.
- 9. Approve Revision to the Frankfort Electric and Water Plant Board Employee Guidelines Governing Employment – Section XXVII – Harassment and the Addition of an EEO Complaint Process.
- 10. Approve Addition of Universal HD to HD Tier Line Up.
- 11. Approve Routine Cable/Telecommunications Line Extension Agreement for Whiskey Ridge Estates Associated with Work Order 10070C (\$9,459.75).

<u>Water Treatment Plant</u> - During the Month of August, the Water Treatment Plant withdrew approximately 296 million gallons of raw water with an average daily withdrawal rate of 9.50 million gallons. During this same time frame last year, this system averaged 11.6 million gallons. The maximum daily demand occurred on August 7<sup>th</sup> with 11.8 mgd being produced on this date. Compliance with all Federal and State Water Quality Standards were maintained. *(Chris Riddle will discuss)* 

<u>Safety</u> – There were 0 OSHA recordable accidents and 0 vehicle accidents during the Month of August. (*Kim Watson will discuss*)

<u>Customer Service</u> – During the Month of August, approximately <u>15,586</u> incoming calls were received on our main number 352-4372. This was <u>672</u> fewer calls received than last month which had <u>22</u> days of call reporting and this month has <u>23</u> days of call reporting. The daily average of calls were <u>678</u>, with 4 billing representatives and <u>8</u> CSRs available for calls. The average calls per representative, per day would be <u>57</u>. These statistics do not include walk-in customers, direct dialed calls to the representatives two phone lines or any internal calls or after hours and weekend calls. (*Russ Colwell will discuss*)"

Mr. Smith asked for comments. Each Department Head reiterated their department's outages.

- 4. <u>Approve Proposed 11.4% Water Rate Increase for All Wholesale Water Customers Effective</u> with the Bill Due and Payable December 15, 2006: (Shannon Taylor will discuss)
- The Executive Digest of the Board Package provided the following Management Recommendation and Comments:

"A Public Hearing was conducted on August 22<sup>nd</sup> for the purpose of receiving oral or written comments on a proposed 11.4% water rate increase for all wholesale water customers. Mr. Bob Riddle, Manager of the Georgetown Water Company spoke but had no negative comments on the proposed rate increase. There were no written comments received. Therefore, Staff recommends that the Board approve the proposed 11.4% water rate increase for all wholesale water customers effective with the bill due and payable December 15, 2006."

Mr. Smith asked for comments. Ms. Taylor reiterated the Executive Digest.

There being no discussion, a motion was made by Mr. Dudgeon to approve the proposed 11.4% water rate increase for al wholesale water customers effective with the bill due and payable December 15, 2006. The motion was seconded by Ms. Wingrove and unanimously approved.

5. <u>Presentation of the Water Treatment & Distribution System Upgrade Feasibility Expansion</u> Study by GRW: (David Billings and GRW will discuss)

The Executive Digest of the Board Package provided the following Management Recommendation and Comments:

<sup>n</sup><sup>ζ</sup> "GRW will present the results of the Water Treatment & Distribution System Upgrade Feasibility Expansion Study conducted for the Bluegrass Water Supply Commission. (Detail will be handed out at the Board Meeting)"

Mr. Smith asked for comments. Mr. Billings introduced Mr. Bob Smallwood and Mr. Joe Henry of GRW who will be making the presentation.

Mr. Billings stated that the Frankfort Plant Board has been requested by the Bluegrass Water Supply Commission (BWSC) to evaluate the availability of existing water supply and the cost of required water supply improvements to provide treated water supply for their demands. As a result of this request, GRW was selected to perform a feasibility study on the Water Treatment & Distribution System. The Commission also agreed to pay a majority of the cost associated with this study. GRW's presentation will provide an evaluation of FPB water treatment and distribution system and also summarizes proposed improvements and costs to provide 5 MGD to 18 MGD of reliable-treated water supply to the BWSC. The Regular Monthly Board Meeting of the Frankfort Electric and Water Plant Board of the City of Frankfort, Kentucky was held at the Plant Board's Clubhouse located at 98 Tanglewood Drive on Tuesday, February 19, 2008.

#### INDIVIDUALS ATTENDING

Joseph Smith, Chairman Michael Dudgeon, Secretary/Treasurer Ann Wingrove, Board Member Bennie Maffet, Board Member James Liebman, Board Attorney Warner J. Caines, General Manager Hance Price, Staff Attorney Herbbie Bannister, Assistant General Manager/Opr. Ann Bohannon, Executive Assistant Mark Redmon, Support Service Superintendent Kim Watson, Safety Director David Billings, Chief Water Engineer Vent Foster, Chief Electric Engineer Chris Riddle, Water Treatment Superintendent **Russ Colwell, Customer Service Director** Shannon Taylor, Finance Director Carl Mitchell, Manager-Cable Construction Ed Hancock, Manager-Telecommunications Leigh Ann Darnaby, Purchasing Agent **Connie Heppenstall, Gannett Fleming** Paul Herbert, Gannett Fleming Patricia Lynch, Customer Paul Glasser, State Journal

## AGENDA

The Agenda for the Regular Board Meeting of February 19, 2008 was received and entered into the Minute Book as follows:

- 1. Approve Minutes of Regular Board Meeting of January 15, 2008.
- 2. Approve Electric, Water & Cable Financial & Statistical Reports Including Due and Just Bills and Transfers for the Month of January, 2008.
- 3. Informational Item Departmental Reports.
- 4. Consider Non-Renewal of RFD-TV on Digital Cable.
- 5. Discuss and Approve Water Cost-of-Service Study by Consultant Gannett Fleming, Inc. (Cost-of-Service Study will be provided under separate cover).
- 6. Approve Notice of Public Hearing for a Proposed Water Rate Increase for Water Customers as recommended in the Cost-of-Service Study by Consultant Gannett Fleming, Inc.
- 7. Informational Item Update of Louisville Water Co. Pipeline Project.
- 8. Approve Acceptance of the Kentucky Infrastructure Authority (KIA) Letter of Commitment for a Loan for the Chemical Feed Facility/Onsite Generation Project at the Water Treatment Plant.
- 9. Other New and Old Business:
  - A. Approve Award of Bid Invitation #1432 (Ten Ton Electric Hoist) to Herrick Company, Inc. for \$59,660).
  - B. Reschedule Time for March Board Meeting.
- 10. Request Permission to have Chairman Call a Closed Door Session in Accordance With KRS 61.810(1)(F) in the Event it's Necessary to Discuss Pending Litigation.
- 11. Closed Door Session.

## BOARD ACTION

#### 1. Approve Minutes of Regular Board Meeting of January 15, 2008

Mr. Smith called for a motion to approve the Minutes for the Regular Board Meeting of January 15, 2008. A motion to approve the January 15, 2008 Minutes was made by Mr. Dudgeon, seconded by Ms. Wingrove and unanimously approved.

## 2. <u>Approve Electric, Water & Cable Financial & Statistical Reports Including Due and</u> <u>Just Bills and Transfers for the Month of January, 2008</u>

Mr. Smith asked for comments. Ms. Taylor highlighted the Variance Report, Income & Expense Schedule and the Reserve Levels for all-lines-of business.

There being no discussion, a motion to approve the Financial & Statistical Reports was made by Ms. Wingrove, seconded by Mr. Maffet and unanimously approved.

## IMPREST FUND DISBURSEMENTS

DATE	CK #	PAYEE	AMOUNT	DESCRIPTION
12/26/2007	1	FARMERS BANK	\$183.56	CHECK ORDER
12/17/2007	2	FARMERS BANK	\$263.75	DEC ACH FEE
1/8/2008	3	FARMERS BANK	\$20.00	STOP PAYMENT FEE
1/14/2008	4	FARMERS BANK	\$20.00	STOP PAYMENT FEE
1/15/2008	5	FARMERS BANK	\$263.75	ACH FEE
1/22/2008	6	FARMERS BANK	\$3,162.52	RETURNED DRAFTS
1/18/2008	7	FARMERS BANK	\$872.89	RETURNED DRAFTS
1/23/2008	8	FARMERS BANK	\$200.72	RETURNED DRAFT
1/23/2008	9	CARDMEMBER SERVICE	\$1,352.32	COMPANY VISA
1/25/2008	10	CARDMEMBER SERVICE	\$1,421.90	COMPANY VISA
1/25/2008	11	FARMERS BANK	-	RETURNED DRAFT
1/25/2008	79428	CRAWFORD-KEECH, AMY		REISSUE REFUND
12/28/2007	80630	WHITAKER BANK		RETURNED CHECKS
12/28/2007	80631	TEMPLETON, ASHLEY		REISSUE REFUND
12/28/2007	80632	SULLIVAN, ANDREW		TRAVEL - SECURITY LEVEL 1
12/28/2007	80633	THE SENTINEL NEWS		SPECIAL BD MEETING NOTICE
12/28/2007	80634	CURRIN ENERGY PAGE	+	SUBSCRIPTION - LEGAL
12/28/2007	80635	THE COURIER JOURNAL		SUBSCRIPTION
12/28/2007	80636	ССНА		BAD DEBT COLLECTIONS
12/28/2007	80637	AWWA	•	CHEMISTRY OF WTR TREATMENT
12/28/2007	80638	AWWA		DUES - 1 WD EMP
12/28/2007	80639	STOUT, JOSEPH		REISSUE REFUNDS
1/2/2008	80640	EVILSIZOR'S FRAMING		FRAMING
1/2/2008	80641	SHRED-IT		OFFICE PAPER SHREDDING
1/2/2008	80642	THE STATE JOURNAL		6 MO SUBSCRIPTION
1/2/2008	80643	BLUE GRASS ENERGY		UTILITIES
1/2/2008	80644	STRONG, KEVIN		REISSUE REFUND
1/3/2008	80645	WHITAKER BANK		RETURNED CHECKS
1/3/2008	80646	FPB	•	IMPREST REFUND
1/3/2008	80647	O'NAN, JERRY	-	SAFETY SHOES
1/3/2008	80648	WILSON, ROXANNE		SAFETY SHOES
1/3/2008	80649	MERCURIO, GARY		REIMBURSE INTERNET
1/3/2008	80650	RIDDLE, CHRIS		TRAVEL - CHEMICAL FEED PROJECT
1/3/2008	80651	DUTTA, SHARMISTA		TRAVEL - CHEMICAL FEED PROJECT
1/3/2008	80652	BILLINGS, DAVID		TRAVEL - CHEMICAL FEED PROJECT
1/3/2008	80652	CHAPTER 13 TRUSTEE		GARNISHMENT
1/3/2008	80655	CHAPTER 13 TRUSTEE		GARNISHMENT
1/3/2008	80655	AT&T ADVERTISING		ADVERTISING
1/3/2008	80655	FRANKLIN CO HEALTH DEPT		VACCINATIONS
1/3/2008	80657	WILLIAMS, JOHN		MILEAGE
1/3/2008	80658	PIKE, DAVE		MILEAGE
1/3/2008	80659	GOLDSTEIN, GLENN		MILEAGE
1/3/2008	80659	COUCH, HARVEY		MILEAGE
	80660	CARMACK, DWIGHT		MILEAGE
1/3/2008		SWAIM, JILL		
1/3/2008 1/4/2008	80662 80663	•		MILEAGE TO FUND ON DEMAND CKS FOR P/R
	80663	FPB		COMPANY CELL PHONES
1/4/2008	80664	AT&T MOBILITY	a2,377.79	REFUND CABLE DEPOSISHEET 12 OF
1/4/2008	80665	GIVIDEN, CHARLES	\$180.00	KERUND CABLE DEPOSIDINCLI IZ OF

The correspondence from RFD-TV in introducing their direct agreement, requests the same 50% license fee increase in 2008. RFD-TV reasons the newly expanded programming added in the past year, Don Imus, Ralph Emery and Crook & Chase, warrants the significant increase.

From Staff's perspective, the new programming doesn't warrant the significant license fee increase. Further, direct agreements require extra administrative time in reviewing agreements and the reoccurring documentation and remittance of payments to RFD-TV will require additional work from the Accounting Department. The Advisory Committee agreed with Staff that the renewal wasn't advisable.

If approved, Staff will notify RFD-TV of the Board's decision and remove the channel by March 1, 2008."

Mr. Smith asked for comments. Mr. Price reiterated the Executive Digest.

Ms. Wingrove asked what kind of channel this was? Mr. Price stated this channel covers rural lifestyles (tractor, horse shows, etc.).

There being no further discussion, a motion was made by Mr. Dudgeon for non-renewal of the RFD-TV agreement. The motion was seconded by Mr. Maffet and unanimously approved.

5. <u>Discuss and Approve Water Cost-of-Service Study by Consultant Gannett Fleming, Inc.</u> (Shannon Taylor will discuss)

The Executive Digest of the Board Package provided the following Management Recommendation and Comments:

"Ms. Connie Heppenstall and Paul Herbert with Gannett Fleming, Inc. will present the FY07 Cost-of-Service Study for the Water Department. (Cost-of-Service Study will be provided under separate cover)"

Mr. Smith asked for comments. Ms. Connie Heppenstall and Mr. Paul Herbert of Gannett Fleming presented the Cost-of-Service Study (a summary was handed out to the Board). The Study basically recommends a water rate increase for residential, commercial, public, non-water producers (water districts), water producers, public and private fire services. Rates for the increase in water was discussed for each service. The County customers pay a higher rate for the minimum 2000 gallons than the City customers. It was decided to leave the county rate the same for the minimum rate until the City catches up. For resale water producers (Georgetown), we eliminated the second block because we felt it was not necessary. Gratis rate stayed the same and the water loading rate was changed to what a residential customer would pay at their home. Fire services for both public and private went up for each block.

Ms. Wingrove asked how many people do we actually sell water to? Mr. Colwell stated that once someone pays us for the water, we have no way of tracking what they do with the water. Do we sell a lot of water that way? Ms. Taylor stated that its probably just a couple of hundred dollars a month.

There being no further discussion or questions, Mr. Smith thanked Ms. Heppenstall for the presentation.

6. <u>Approve Notice of Public Hearing for a Proposed Water Rate Increase for Water</u> <u>Customers as Recommended in the FY 07 Cost-of-Service by Consultant Gannett Fleming,</u> <u>Inc. (Shannon Taylor will discuss)</u>

The Executive Digest of the Board Package provided the following Management Recommendation and Comments:

"Staff recommends that the Board approve a Notice of Public Hearing for a proposed water rate increase for water customers as recommended in the FY07 Cost-of-Service Study by Gannett Fleming, Inc."

Mr. Smith advised that this item will be deferred until next month to give the Board more time to evaluate the Cost-of-Service Study.

- 9. Other New and Old Business:
- A. <u>Approve Award of Bid Invitation #1432 (Ten Ton Electric Hoist) to Herrick</u> <u>Company, Inc for \$59,660: (Leigh Ann Darnaby will discuss)</u>

The Board Package provided the following Management Recommendation and Comments:

"On February 1, 2008, Invitations to Bid were sent out to 7 different area contractors. The only bid received on February 15, 2008 was from the Herrick Company, Inc. in the amount of \$59,660.

The scope of this project involves replacement of the existing hoist and trolley, and the lifting portion of the overhead crane in the low service pump station at the Water Treatment Plant.

The Water Treatment Department budgeted \$50,000 (Section 5, Page 6, line #4) this year for the work. There will be monies available from another project that will be put on hold until next year that will cover the additional cost.

The Herrick Company has successfully performed work for us in the past, and all references checked resulted in favorable recommendations. Upon receipt of the required bonds and proof of insurance, contract documents will be forwarded to the Staff Attorney for his review and approval prior to execution by the Board. Therefore, Staff recommends that the Board award Bid Invitation #1432 to Herrick Company in the amount of \$59,660 contingent upon the above documents being acceptable to the Staff Attorney."

Mr. Smith asked for comments. Ms. Darnaby reiterated the Board Package.

There being no discussion, the motion as recommended by Staff was made by Mr. Dudgeon, seconded by Mr. Maffet and unanimously approved.

B. Reschedule Time for March Board Meeting

The Board rescheduled the time of the March Board Meeting to 10 a.m.

Mr. Dudgeon stated that he had received nothing but good comments about FPB employees' performance during the recent storms and complimented Staff.

10.<u>Request Permission to have Chairman Call a Closed Door Session in Accordance with</u> KRS 61.810(1)(F) In the Event it's Necessary to Discuss Pending Litigation

Mr. Smith called for a motion for a closed door session pursuant to KRS 61.810(1)(M) in the event it's necessary to discuss pending litigation. A motion was made by Mr. Dudgeon, seconded by Ms. Wingrove and unanimously approved.

11.Closed Door Session

No closed door session was needed.

ATTEST:

The Regular Monthly Board Meeting of the Frankfort Electric and Water Plant Board of the City of Frankfort, Kentucky was held at the Plant Board Clubhouse, located at 98 Tanglewood Drive on April 15, 2008 at 5 p.m.

#### INDIVIDUALS ATTENDING

Joseph Smith, Chairman Michael Dudgeon, Secretary/Treasurer Ann Wingrove, Board Member **Bennie Maffet, Board Member** James Liebman, Board Attorney Warner J. Caines, General Manager Hance Price, Staff Attorney Herbbie Bannister, Assistant General Manager/Oprs. Ann Bohannon, Executive Assistant **Shannon Taylor, Finance Director** Mark Redmon, Support Service Superintendent Kim Watson, Safety Director **David Billings, Chief Water Engineer** John Higginbotham, Cable Superintendent Leigh Ann Darnaby, Purchasing Agent Jimmy Allen, Water Superintendent Karl Pitzer, IT Director **Carl Mitchell, Cable Construction Manager Gary Grider, Media Services** Sharmista Dutta, Water Engineering Dana Goodlett. Cable Installation Manager **Russ Colwell, Customer Service Director** 

## **AGENDA**

The Agenda for the Regular Board Meeting of April 15, 2008 was received and entered into the Minute Book as follows:

- 1. Approve Minutes of Regular Board Meeting of March 27, 2008.
- 2. Approve Electric, Water & Cable Financial & Statistical Reports Including Due and Just Bills and Transfers for the Month of March, 2008.
- 3. Informational Item Departmental Reports.
- 4. Conduct a Public Hearing to Consider a Proposed Water Rate Increase for all Customer Classes.
- Approve Notice of Public Hearing covering (1) Increasing Rates for Bulk Cable 1 and 2 Services, (2) Increasing Premium Cable Services, (3) Increasing Price for Cable Card Device and (4) Increasing, Establishing and Eliminating Rates for Residential and Business Cable Modem.
- 6. Approve Release of Water Utility Easement.
- 7. Approve Routine Electric Line Extension Agreement for Kendallwood Subdivision, W.O. 10482 (\$36,11.12).
- 8. Approve Routine Cable/Telecommunications Line Extension Agreement for Kendallwood Subdivision, W.O. 10482 (\$36,11.12).
- 9. Approve Increasing Insurance Property Deductible for Building and Contents.
- 10. Consider Request from Buffalo Trace Distillery to Waive Late Fees (\$2,702.26).
- 11. Informational Item Shelby-Franklin Water Management Group Update.
- 12. Other New and Old Business:
  - A. Approve Award of Bid Invitation #1435 (Bill Printing Service).
  - B. Approve Renewal of Contract for Fire Hydrants, Valves & Tapping Sleeves.
  - C. Schedule Work Session Prior to May Board Meeting.
- 13. Request Permission to have Chairman Call a Closed Door Session in Accordance With KRS 61.810(1)(F) in the Event it's Necessary to Discuss Pending Litigation.
- 14. Closed Door Session.

<u>Safety</u> – There were 2 OSHA recordable accidents and 1 vehicle accident during the Month of March. *(Kim Watson will discuss)* 

- A security electric employee caught his thumb while working in a security box resulting in a thumb fracture and restricted duty.
- An electric employee was sent to the emergency room with a mild concussion following a motor vehicle accident (see below). He had one day lost time.
- Three FPB vehicles were involved in an accident when a water department dump truck rear-ended an electric pick-up that was stopped on Myrtle Avenue for a stoplight. The pick-up truck was pushed forward into the vehicle ahead of it which was a water department service truck with a trailer. The electric truck was totaled. The other vehicles sustained moderate to heavy damage.

<u>Customer Service</u> – The following statistics for the Month of March do not include walk-in customers, direct dialed calls to the representatives' two phone lines or any internal calls or after hours and weekend calls. These call numbers do include any calls received at our main number that were transferred to the Cable, Electric and Water Departments. *(Russ Colwell will discuss)* 

Total Calls	Days Reporting	Average Per Day	Average Per CSR
10,000 (March 08)	21	476	40
12,160 (March 07)	22	614	51"

Mr. Smith asked for comments. Each Department Head reiterated their department's outages.

Mr. Higginbotham advised that he has been receiving positive comments regarding the new TV Guide Schedule on Channel 75.

Mr. Bannister advised that a pump from our high service pump station is in Cleveland, Ohio awaiting a scope-of-study for routine maintenance and the Chlorine Disinfection Project is on schedule.

Mr. Colwell presented a plaque to the Plant Board for the United Way Community Impact Award. The employees were also involved in the "Bowl for Kids" and the March for Babies. The Board thanked the employees for their involvement in these projects.

4. <u>Conduct a Public Hearing to Consider a Proposed Water Rate Increase for all Customer</u> <u>Classes</u>

This Hearing will come to order. My name is Michael Dudgeon, I have been requested by the Board to conduct this Hearing. With me today are the Board Members and Staff of the Frankfort Electric and Water Plant Board. We are here to receive comments regarding a Proposed Water Rate Increase for all Customer Classes. This Public Hearing was advertised in accordance with the Regulations for Public Notification and printed on April 13, 2008 by the State Journal, April 10, 2008 by the Woodford Sun, April 9, 2008 by the Sentinel News and April 9, 2008 by The Anderson News.

We have ask that you register if you request to speak. If you have not already done so, please register with the Secretary so that we will have a record of those in attendance and wishing to speak today.

A brief further statement about the conduct of this Public Hearing is in order. This Hearing will be conducted informally. This Hearing is being conducted voluntarily by the Frankfort Electric & Water Plant Board in order to accept comments on the above item. Formal rules of evidence will not apply. Both oral and written comments will be accepted. Any and all persons present who wish to make a statement will be afforded an opportunity to do so. If you have a written statement to accompany your oral presentation, a copy of the written statement should be provided to me prior to your presentation. If you have a lengthy statement, I ask that you summarize your comments. Oral presentations should be limited to no more than 3 minutes. If necessary, I will interrupt and request the presentation to be completed due to this time limit. I may ask questions of any person presenting oral comments where it is necessary to clarify the nature or substance of the comments.

The reasons for conducting the Hearing by these rules are so that we can collect information, especially information that the Board has not previously considered, and take it under review.

The Board may not answer questions because we do not want to make hasty judgments on specific issues that are brought out if technical in nature. This is especially true since different points of view may come up during the course of the day from different speakers. It is the job of the Board to fairly consider these points of view and information as part of the setting. We do want public input and involvement and I hope you do not find our standard procedures restrictive.

The oral comment period for this Hearing will end at the close of business on April 15, 2008. Written comments received on or before April 15, 2008 will be accepted and considered.

Before we open the floor for comments, Ms. Shannon Taylor will highlight the proposed water rates as submitted below:

SERVICE	EXISTING	PROPOSED
SECTION IV. – WATER SERVICE L. RATES AND CHARGES		
1. Water Service to Residential, Commercial, or Industrial Customers		
(a) Rates within City Limits - Minimum 2,000 Gallons Up to 5,000 Gallons Next 20,000 Gallons Next 175,000 Gallons Next 800,000 Gallons Over 1,000,000 Gallons	<ul> <li>\$ 8.69 per month</li> <li>\$ 4.34 per month</li> <li>\$ 3.56 per month</li> <li>\$ 2.93 per month</li> <li>\$ 2.21 per month</li> <li>\$ 1.74 per month</li> </ul>	<ul> <li>8.94 per month</li> <li>4.47 per month</li> <li>3.66 per month</li> <li>3.02 per month</li> <li>2.27 per month</li> <li>1.79 per month</li> </ul>
(b) Rates outside City Limits - Minimum 2,000 Gallons Up to 5,000 Gallons Next 20,000 Gallons Next 175,000 Gallons Next 800,000 Gallons Over 1,000,000 Gallons	<ul> <li>\$ 12.60 per month</li> <li>\$ 6.29 per month</li> <li>\$ 3.56 per month</li> <li>\$ 2.93 per month</li> <li>\$ 2.21 per month</li> <li>\$ 1.74 per month</li> </ul>	<ul> <li>\$ 12.60 per month (No change)</li> <li>\$ 6.29 per month (No change)</li> <li>\$ 3.66 per month</li> <li>\$ 3.02 per month</li> <li>\$ 2.27 per month</li> <li>\$ 1.79 per month</li> </ul>
3. Fire - Public Hydrants Private Hydrants	<ul><li>\$ 11.01 per month</li><li>\$ 11.01 per month</li></ul>	<ul><li>\$ 12.11 per month</li><li>\$ 12.11 per month</li></ul>
4. Lines – 2" Line 3" Line 4" Line 6" Line 8" Line 10" Line Fire Sales per 1,000 Gallons	<ul> <li>\$ 5.51 per month</li> <li>\$ 11.01 per month</li> <li>\$ 20.60 per month</li> <li>\$ 41.19 per month</li> <li>\$ 54.91 per month</li> <li>\$ 68.65 per month</li> <li>\$ 4.12 per 1,000 Gallons</li> </ul>	<ul> <li>6.06 per month</li> <li>12.11 per month</li> <li>22.66 per month</li> <li>45.31 per month</li> <li>60.40 per month</li> <li>75.52 per month</li> <li>4.53 per 1,000 Gallons</li> </ul>
5. Resale – Non-Water Producers (Water Districts)	\$ 1.539 per 1,000 gallons	\$ 1.822 per 1,000 gallons
<ol> <li>Resale – Other Water Producers (Georgetown Water Co.)</li> </ol>		
First 15 Million Gallons Over 15 Million Gallons	\$ 1.599 per 1,000 gallons \$ 1,406 per 1,000 gallons	\$ 1.919 per 1,000 gallons \$ 1.919 per 1,000 gallons
Gratis	\$.63	\$ .63 (No change)

Mr. Smith asked for comments. Ms. Darnaby reiterated the Board Package.

Following a brief discussion on last year's cost which Staff will provide at the next Board Meeting, a motion was made by Mr. Dudgeon, seconded Mr. Maffet and unanimously approved.

C. Schedule Work Session Prior to Board Meeting

Mr. Smith stated that he would like to have a work session prior to the May Board Meeting to discuss "green issues" for the company. After checking schedules, a work session was scheduled prior to the regular board meeting at 3:30 p.m. to discuss this issue.

## 13.<u>Request Permission to have Chairman Call a Closed Door Session in Accordance with</u> KRS 61.810(1)(F) In the Event it's Necessary to Discuss Pending Litigation

Mr. Smith called for a motion to have the Chairman call a Closed Door Session in accordance with KRS 61.810(1)(F) in the event it's necessary to discuss pending litigation. A motion was made by Ms. Wingrove, seconded by Mr. Dudgeon and unanimously approved.

## 14.Closed Door Session

No Closed Door Session was necessary.

ATTEST:

The Regular Monthly Board Meeting of the Frankfort Electric and Water Plant Board of the City of Frankfort, Kentucky was held at the Plant Board Clubhouse, located at 98 Tanglewood Drive on May 27, 2008 at 5 p.m.

## INDIVIDUALS ATTENDING

Joseph Smith, Chairman Sheila Burton, Vice Chairman Michael Dudgeon, Secretary-Treasurer Ann Wingrove, Board Member **Bennie Maffet, Board Member** James Liebman, Board Attorney Warner J. Caines, General Manager Hance Price, Staff Attorney Herbbie Bannister, Assistant General Manager/Opr. Ann Bohannon, Executive Assistant Michele Walker. Executive Assistant **Rodney Simpson, Electric Superintendent David Billings, Chief Water Engineer Russ Colwell, Customer Service Director** Mark Redmon, Support Services Superintendent Scott Hudson, Assistant Electric Superintendent Chris Riddle, Water Treatment Superintendent Vent Foster, Chief Electric Engineer Karl Pitzer, IT Director Shannon Taylor, Finance Director **Dianne Schneider, HR Director** John Higginbotham, Cable Superintendent Kim Watson, Safety Director Jim Allen, Water Superintendent Gary Grider, Media Service Director Leigh Ann Darnaby, Purchasing Agent Carl Mitchell, Cable Construction Manager Kim Watson, Safety Director Pat Lynch, Customer Paul Glasser, State Journal Bill May, Mayor Tony Massey, City Manager Eddie Riddle, Customer Andv McDonald, Customer Jim McWilliams, Customer Dean Sorg, Customer Tom Marshall, Attorney

## **AGENDA**

The Agenda for the Regular Board Meeting of May 27, 2008 was received and entered into the Minute Book as follows:

- 1. Approve Minutes of Regular Board Meeting of April 15, 2008.
- 2. Approve Electric, Water & Cable Financial & Statistical Reports Including Due and Just Bills and Transfers for the Month of April, 2008.
- 3. Informational Item Departmental Reports.
- 4. Informational Item Cable Advisory Committee Vacancies.
- 5. Approve Proposed Water Rate Increase for all Customer Classes.
- Conduct a Public Hearing covering (1) Increasing Rates for Bulk Cable 1 and 2 Services, (2) Increasing Premium Cable Services, (3) Increasing Price for Cable Card Device and (4) Increasing, Establishing and Eliminating Rates for Residential and Business Cable Modem.
- 7. Approve Changes in the Job Classification/Pay Compensation Plan-Approve Cost-of-Living Increase and Merit Pool Increase for Eligible Employees.

- Approve Amendments to Job Classification/Pay Compensation Plan –

   (1) Eliminate Water Quality Specialist Job Series and (2) Add an Administrative Assistant.
- 9. Approve Changes to FPB Group Medical, Prescription Drug, Vision, Dental and Short Term Disability Protection Plans.
- 10. Approve Records Management Plan.
- 11. Approve Settlement Agreement with Kentucky Utilities.
- 12. Approve Request to Reallocate Water Capital Funds.
- 13. Approve Service Contract with Central Forms Solution.
- 14. Approve Service Agreement with PSI Data Systems.
- 15. Approve Renewal of Bid Invitation #1417 (Company Uniforms)
- 16. Approve Amendment of Bid Invitation #1426 (Pad Mount Transformers).
- 17. Approve Award of Bid Invitation #1440 (Storage Area Network -SAN).
- 18. Informational Item Update of BWSC and Shelby-Franklin Water Management Group.
- 19. Approve Funding Request for Shelby-Franklin Water Management Group.
- 20. Approve Change Order No. 1 on the Ten Ton Electric Hoist Project at the Water Treatment Plant (\$897).
- 21. Informational Item State Budget Update.
- 22. Informational Item Water Treatment Plant Chemical Feed/OSG Project Update.
- 23. Informational Item Blacktop Access Road to the Pea Ridge Road Water Tank.
- 24. Other New and Old Business.
- 25. Request Permission to have Chairman Call a Closed Door Session in Accordance With KRS 61.810(1)(F) in the Event it's Necessary to Discuss Pending Litigation.
- 26. Closed Door Session.

## **BOARD ACTION**

1. Approve Minutes of Regular Board Meeting of April 15, 2008

Mr. Smith called for a motion to approve the Minutes for the Regular Board Meeting of April 15, 2008. A motion was made by Mr. Dudgeon, seconded by Ms. Wingrove and unanimously approved.

2. <u>Approve Electric, Water & Cable Financial & Statistical Reports Including Due and</u> Just Bills and Transfers for the Month of April, 2008

Mr. Smith asked for comments. Ms. Taylor highlighted the Variance Report, Income and Expense Schedule and the Reserve Levels for each line of business.

A brief discussion ensued on the "unaccounted for" category in the Water Department. The Plant Board is within the Industry Standard in this area.

There being no further discussion, a motion was made by Mr. Dudgeon to approve the Electric, Water and Cable Financial and Statistical Reports Including Due and Just Bills and Transfers for the Month of April, 2008. The motion was seconded by Mr. Maffet and unanimously approved.

DATE	CK #	PAYEE	AMOUNT	DESCRIPTION
4/15/2008	1	FARMERS BANK	\$269.08	APRIL 08 ACH FEES
4/18/2008	2	FARMERS BANK	\$2,755.19	RETURNED BANK DRAFTS
4/21/2008	3	FARMERS BANK	\$2,769.91	RETURNED BANK DRAFTS
4/29/2008	4	CARDMEMBER SERVICE	\$4,101.73	COMPANY VISA
4/29/2008	5	CARDMEMBER SERVICE	\$2,382.09	COMPANY VISA
3/31/2008	81246	FARMERS BANK	\$508.98	RETURNED CHECKS
3/31/2008	81247	SLAYDEN, SCOTT	\$180.00	REF CABLE DEPOSIT
3/31/2008	81248	ALTEC INDUSTRIES	\$1,115.00	TRAINING - GARAGE EMP
3/31/2008	81249	LIBERTY BELL	\$897.00	REPAIR PHONE LINE SHEET 20 OF
3/31/2008	81250	FRANKLIN, CHUCK	\$51.00	REIMBURSE FOR CDL EYE EXAM

## IMPREST FUND DISBURSEMENTS

5. <u>Approve Proposed Water Rate Increase as Recommended in the Cost-of Service Study</u> for all Customer Classes

The Executive Digest of the Board Package provided the following Management Recommendation and Comments:

"The Board approved Notice of a Public Hearing at the March Board Meeting and a Public Hearing was held April 15, 2008. No oral comments or written statements were received. Therefore, Staff recommends that the Board approve the proposed water rate increase as recommended in the Cost-of-Service performed by Gannett Fleming. The existing and recommended rates for adoption are outlined in the detail section."

Mr. Smith asked for comments. Ms. Taylor reiterated the Executive Digest.

There being no discussion, a motion was made by Mr. Dudgeon to approve the proposed water rate increase for all customer classes in accordance with the Cost-of-Service Study. The motion was seconded by Ms. Wingrove and unanimously approved.

6. <u>Conduct a Public Hearing to Covering (1) Increasing Rates for Bulk Cable 1 and 2</u> <u>Services, (2) Increasing Premium Cable Services, (3) Increasing Price for Cable Card</u> <u>Device and (4) Increasing and Establish Rates for Residential and Business Cable Modem</u>

This Hearing will come to order. My name is Sheila Burton, I have been requested by the Board to conduct this Hearing. With me today are the Board Members and Staff of the Frankfort Electric and Water Plant Board. We are here to receive comments regarding a Proposed Water Rate Increase for all Customer Classes. This Public Hearing was advertised in accordance with the Regulations for Public Notification and printed on May 25, 2008 by the State Journal, May 22, 2008 by the Woodford Sun, and May 21, 2008 by the Sentinel News.

We have ask that you register if you request to speak. If you have not already done so, please register with the Secretary so that we will have a record of those in attendance and wishing to speak today.

A brief further statement about the conduct of this Public Hearing is in order. This Hearing will be conducted informally. This Hearing is being conducted voluntarily by the Frankfort Electric & Water Plant Board in order to accept comments on the above item. Formal rules of evidence will not apply. Both oral and written comments will be accepted. Any and all persons present who wish to make a statement will be afforded an opportunity to do so. If you have a written statement to accompany your oral presentation, a copy of the written statement should be provided to me prior to your presentations. If you have a lengthy statement, I ask that you summarize your comments. Oral presentation to be completed due to this time limit. I may ask questions of any person presenting oral comments where it is necessary to clarify the nature or substance of the comments.

The reasons for conducting the Hearing by these rules are so that we can collect information, especially information that the Board has not previously considered, and take it under review.

The Board may not answer questions because we do not want to make hasty judgments on specific issues that are brought out if technical in nature. This is especially true since different points of view may come up during the course of the day from different speakers. It is the job of the Board to fairly consider these points of view and information as part of the setting. We do want public input and involvement and I hope you do not find our standard procedures restrictive.

The oral comment period for this Hearing will end at the close of business on May 27, 2008. Written comments received on or before May 27, 2008 will be accepted and considered.

Before we open the floor for comments, Mr. John Higginbotham will highlight the proposed items listed above.

Mr. Higginbotham briefly highlighted the reasons for the above proposed increases as provided in the April Board Meeting. Ms. Bohannon stated that no one had registered to speak.

There being no further discussion, Ms. Burton closed the Public Hearing.

According to Mr. Joe Henry of GRW Engineers, we are "on tract with our project schedule with the KIA".

Mr. Smith asked for comments. Mr. Billings reiterated the Executive Digest.

No further discussions ensued.

23. Informational Item - Blacktop Access Road to the Pea Ridge Road Water Tank

The Executive Digest of the Board Package provided the following Management Recommendation and Comments:

"Mr. Caines received a request from Mr. Jim Cline for the Plant Board to participate in paving the access road to the Pea Ridge Road Water Tank. Mr. Cline and his daughter have built houses on the access road and were concerned about the dust.

Mr. Cline requested the Plant Board pay half the cost of the paving from Pea Ridge Road to the security gate at the water tank fence."

Mr. Smith asked for comments. Mr. Caines reiterated the Executive Digest.

A brief discussion ensued on who would be responsible for the maintenance of the road. Mr. Caines stated that Mr. Cline was advised that the Plant Board would not be responsible.

## 24. Other New and Old Business:

A. Appoint Committee to discuss Green Policies and Procedures

Mr. Smith stated that he would like to appoint a Committee to provide a directional statement on greening the company. He appointed Mr. Dudgeon to chair the Committee, along with Sheila Burton and Ann Wingrove. The Committee will report back with this information at the June Board Meeting.

25. <u>Request Permission to have Chairman Call a Closed Door Session in Accordance with</u> KRS 61.810(1)(F) In the Event it's Necessary to Discuss Pending Litigation

Mr. Smith called for a motion to have the Chairman call a Closed Door Session in accordance with KRS 61.810(1)(F) in the event it's necessary to discuss pending litigation. A motion was made by Ms. Wingrove, seconded by Mr. Dudgeon and unanimously approved.

## 26. Closed Door Session

No Closed Door Session was necessary.

ATTEST: