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Need Study For Electrical Power Plant 2005 – 2006

APPENDICES F - O

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Appendix F

FPL's Forecast of Peak Demand, Net Energy for Load (NEL) and Results of Summer Peak and Winter Peak Runs

| Year | Annual Peaks | | NEL Annual |
|------|-----------------|-----------------|---------------|
| | Jan (Winter) | Aug (Summer) | |
| 2001 | 18,199 | 18,754 | 99,162,438 |
| 2002 | 18,968 | 19,131 | 100,158,029 |
| 2003 | 19,551 | 19,765 | 104,413,713 |
| 2004 | 19,976 | 20,226 | 108,042,500 |
| 2005 | 20,418 | 20,719 | 111,772,244 |
| 2006 | 20,854 | 21,186 | 115,602,075 |
| 2007 | 21,204 | 21,556 | 118,157,253 |
| 2008 | 21,538 | 21,870 | 120,549,022 |
| 2009 | 21,966 | 22,271 | 122,922,491 |
| 2010 | 22,366 | 22,687 | 125,448,019 |
| 2011 | 22,785 | 23,106 | 127,512,390 |
| 2012 | 23,188 | 23,495 | 128,965,087 |
| 2013 | 23,592 | 23,887 | 130,434,281 |
| 2014 | 24,018 | 24,294 | 132,014,330 |
| 2015 | 24,428 | 24,696 | 133,571,234 |
| 2016 | 24,862 | 25,110 | 135,222,711 |
| 2017 | 25,256 | 25,489 | 136,989,493 |
| 2018 | 25,699 | 25,890 | 138,628,629 |
| 2019 | 26,100 | 26,267 | 140,152,858 |
| 2020 | 26,554 | 26,680 | 141,532,815 |
| 2021 | 27,016 | 27,100 | 142,926,360 |

SUMMER PEAK MODEL: DEPENDENT VARIABLE SUMMER PEAK PER CUSTOMER

| Variable | Coefficient | StdErr | T-Stat | P-Value | Definition |
|----------|-------------|------------|--------|---------|--|
| CONST | 0.292 | 1.198 | 0.244 | 80.92% | Constant term |
| RPRICE | -0.137 | 0.055 | -2.479 | 1.92% | Real Price |
| RFLINC | 0.00000017 | 0.00000018 | 0.924 | 36.29% | Real FL Income (Income divided by CPI) |
| MAXTMP | 0.050 | 0.011 | 4.463 | 0.01% | Max Summer Temp |
| AR(1) | 0.813 | 0.076 | 10.763 | 0.00% | Auto-regressive term |

Estimation Period: 1965 - 2001

| Year | Summer Peak Customer | Pred | RPRICE | RFLINC | MAXTMP | Customers |
|------|----------------------|------|--------|-----------|--------|-----------|
| 1965 | 2.66 | | 6.53 | 472,150 | 89.00 | 949,591 |
| 1966 | 2.83 | 3.05 | 6.07 | 505,821 | 90.80 | 1,000,020 |
| 1967 | 3.01 | 3.10 | 5.58 | 543,566 | 90.30 | 1,051,335 |
| 1968 | 3.61 | 3.34 | 5.25 | 600,512 | 91.80 | 1,050,200 |
| 1969 | 3.68 | 3.85 | 4.93 | 662,051 | 93.30 | 1,177,347 |
| 1970 | 3.99 | 3.86 | 4.64 | 706,685 | 93.50 | 1,253,124 |
| 1971 | 4.01 | 4.03 | 4.63 | 758,050 | 92.60 | 1,340,416 |
| 1972 | 4.16 | 3.95 | 4.70 | 846,054 | 89.90 | 1,446,114 |
| 1973 | 4.40 | 4.22 | 4.92 | 934,565 | 91.10 | 1,567,638 |
| 1974 | 4.32 | 4.23 | 5.82 | 947,514 | 90.50 | 1,676,022 |
| 1975 | 4.07 | 4.18 | 6.36 | 935,931 | 90.00 | 1,738,071 |
| 1976 | 4.23 | 4.27 | 5.90 | 974,305 | 92.70 | 1,795,793 |
| 1977 | 4.18 | 4.14 | 6.36 | 1,028,202 | 92.00 | 1,875,821 |
| 1978 | 4.24 | 4.16 | 6.17 | 1,109,389 | 90.80 | 1,967,352 |
| 1979 | 4.17 | 4.27 | 6.25 | 1,158,316 | 91.90 | 2,074,327 |
| 1980 | 4.40 | 4.32 | 6.30 | 1,200,022 | 94.80 | 2,184,974 |
| 1981 | 4.26 | 4.32 | 7.18 | 1,255,330 | 95.70 | 2,285,187 |
| 1982 | 4.18 | 4.17 | 6.71 | 1,279,278 | 92.50 | 2,358,167 |
| 1983 | 4.39 | 4.37 | 6.64 | 1,363,880 | 95.90 | 2,429,688 |
| 1984 | 4.07 | 4.16 | 7.63 | 1,462,479 | 93.60 | 2,520,523 |
| 1985 | 4.07 | 4.14 | 7.67 | 1,551,294 | 94.50 | 2,617,556 |
| 1986 | 4.05 | 4.16 | 6.84 | 1,641,895 | 93.20 | 2,723,555 |
| 1987 | 4.36 | 4.27 | 6.55 | 1,733,620 | 95.80 | 2,840,207 |
| 1988 | 4.19 | 4.29 | 6.47 | 1,830,131 | 93.50 | 2,953,663 |
| 1989 | 4.38 | 4.41 | 5.94 | 1,941,022 | 95.40 | 3,064,436 |
| 1990 | 4.35 | 4.44 | 5.63 | 1,977,651 | 95.00 | 3,158,817 |
| 1991 | 4.38 | 4.30 | 5.56 | 1,969,928 | 92.90 | 3,226,455 |
| 1992 | 4.47 | 4.57 | 5.22 | 1,988,798 | 95.40 | 3,281,238 |
| 1993 | 4.55 | 4.47 | 5.11 | 2,054,861 | 94.30 | 3,355,794 |
| 1994 | 4.44 | 4.50 | 4.62 | 2,104,648 | 91.60 | 3,422,187 |
| 1995 | 4.64 | 4.61 | 4.57 | 2,188,487 | 94.20 | 3,488,796 |
| 1996 | 4.52 | 4.50 | 4.71 | 2,263,453 | 91.30 | 3,550,747 |
| 1997 | 4.59 | 4.61 | 4.72 | 2,353,104 | 92.60 | 3,615,485 |
| 1998 | 4.86 | 4.78 | 4.37 | 2,463,120 | 94.94 | 3,680,470 |
| 1999 | 4.80 | 4.87 | 4.10 | 2,519,811 | 94.31 | 3,756,009 |
| 2000 | 4.70 | 4.74 | 3.97 | 2,612,175 | 92.30 | 3,848,401 |
| 2001 | 4.77 | 4.68 | 4.59 | 2,715,132 | 93.00 | 3,935,007 |
| 2002 | | 4.76 | 4.39 | 2,753,517 | 92.00 | 4,004,161 |
| 2003 | | 4.83 | 3.96 | 2,787,453 | 92.00 | 4,079,038 |
| 2004 | | 4.85 | 3.78 | 2,831,349 | 92.00 | 4,151,237 |
| 2005 | | 4.89 | 3.58 | 2,877,091 | 92.00 | 4,225,960 |
| 2006 | | 4.91 | 3.44 | 2,927,345 | 92.00 | 4,299,491 |
| 2007 | | 4.92 | 3.34 | 2,928,905 | 92.00 | 4,365,095 |
| 2008 | | 4.94 | 3.28 | 2,996,594 | 92.00 | 4,428,309 |
| 2009 | | 4.96 | 3.21 | 3,084,096 | 92.00 | 4,490,271 |
| 2010 | | 4.98 | 3.11 | 3,159,105 | 92.00 | 4,551,096 |
| 2011 | | 5.01 | 3.03 | 3,252,581 | 92.00 | 4,610,993 |
| 2012 | | 5.03 | 2.97 | 3,332,159 | 92.00 | 4,670,075 |
| 2013 | | 5.05 | 2.91 | 3,413,645 | 92.00 | 4,728,447 |
| 2014 | | 5.08 | 2.85 | 3,514,652 | 92.00 | 4,786,202 |
| 2015 | | 5.10 | 2.79 | 3,600,471 | 92.00 | 4,843,426 |
| 2016 | | 5.12 | 2.73 | 3,707,075 | 92.00 | 4,900,198 |
| 2017 | | 5.14 | 2.68 | 3,778,252 | 92.00 | 4,956,589 |
| 2018 | | 5.17 | 2.65 | 3,890,118 | 92.00 | 5,012,663 |
| 2019 | | 5.18 | 2.61 | 3,964,368 | 92.00 | 5,068,480 |
| 2020 | | 5.21 | 2.57 | 4,081,690 | 92.00 | 5,124,093 |

| Year | Summer Peak | TotCust | ELECPRI | MAXTMP | FLNONAG | FLINC | CPI | Dummy |
|------|-------------|-----------|---------|--------|---------|---------------|--------|-------|
| 1965 | 2,529 | 949,591 | 2.06 | 89.0 | 1,619.1 | 14,872,711 | 31.5 | 0 |
| 1966 | 2,827 | 1,000,020 | 1.97 | 90.8 | 1,726.8 | 16,388,588 | 32.4 | 0 |
| 1967 | 3,160 | 1,051,335 | 1.87 | 90.3 | 1,816.4 | 18,155,097 | 33.4 | 0 |
| 1968 | 3,789 | 1,050,200 | 1.83 | 91.8 | 1,932.3 | 20,897,819 | 34.8 | 0 |
| 1969 | 4,329 | 1,177,347 | 1.81 | 93.3 | 2,069.9 | 24,297,276 | 36.7 | 0 |
| 1970 | 5,001 | 1,253,124 | 1.80 | 93.5 | 2,152.1 | 27,419,366 | 38.8 | 0 |
| 1971 | 5,378 | 1,340,416 | 1.88 | 92.6 | 2,276.4 | 30,701,044 | 40.5 | 0 |
| 1972 | 6,011 | 1,446,114 | 1.96 | 89.9 | 2,513.1 | 35,365,052 | 41.8 | 0 |
| 1973 | 6,894 | 1,567,638 | 2.18 | 91.1 | 2,778.6 | 41,494,668 | 44.4 | 0 |
| 1974 | 7,235 | 1,676,022 | 2.87 | 90.5 | 2,863.8 | 46,712,426 | 49.3 | 0 |
| 1975 | 7,076 | 1,738,071 | 3.42 | 90.0 | 2,746.4 | 50,353,108 | 53.8 | 1 |
| 1976 | 7,598 | 1,795,793 | 3.36 | 92.7 | 2,784.3 | 55,437,981 | 56.9 | 1 |
| 1977 | 7,841 | 1,875,821 | 3.86 | 92.0 | 2,933.2 | 62,309,059 | 60.6 | 1 |
| 1978 | 8,345 | 1,967,352 | 4.02 | 90.8 | 3,180.6 | 72,332,145 | 65.2 | 1 |
| 1979 | 8,650 | 2,074,327 | 4.54 | 91.9 | 3,381.2 | 84,093,751 | 72.6 | 1 |
| 1980 | 9,623 | 2,184,974 | 5.19 | 94.8 | 3,576.2 | 98,881,848 | 82.4 | 1 |
| 1981 | 9,738 | 2,285,187 | 6.53 | 95.7 | 3,736.0 | 114,109,540 | 90.9 | 1 |
| 1982 | 9,862 | 2,358,167 | 6.48 | 92.5 | 3,761.9 | 123,450,308 | 96.5 | 1 |
| 1983 | 10,676 | 2,429,688 | 6.62 | 95.9 | 3,905.4 | 135,842,481 | 99.6 | 1 |
| 1984 | 10,270 | 2,520,523 | 7.93 | 93.6 | 4,204.2 | 151,951,597 | 103.9 | 1 |
| 1985 | 10,654 | 2,617,556 | 8.25 | 94.5 | 4,410.0 | 166,919,255 | 107.6 | 1 |
| 1986 | 11,022 | 2,723,555 | 7.50 | 93.2 | 4,599.4 | 179,951,679 | 109.6 | 1 |
| 1987 | 12,394 | 2,840,207 | 7.44 | 95.8 | 4,848.1 | 196,939,232 | 113.6 | 1 |
| 1988 | 12,382 | 2,953,663 | 7.66 | 93.5 | 5,066.6 | 216,504,523 | 118.3 | 1 |
| 1989 | 13,425 | 3,064,436 | 7.36 | 95.4 | 5,260.9 | 240,686,677 | 124.0 | 1 |
| 1990 | 13,754 | 3,158,817 | 7.36 | 95.0 | 5,387.4 | 258,479,049 | 130.7 | 1 |
| 1991 | 14,123 | 3,226,455 | 7.57 | 92.9 | 5,294.3 | 268,304,176 | 136.2 | 1 |
| 1992 | 14,661 | 3,281,238 | 7.32 | 95.4 | 5,358.7 | 279,028,337 | 140.3 | 1 |
| 1993 | 15,266 | 3,355,794 | 7.38 | 94.3 | 5,571.4 | 296,927,420 | 144.5 | 1 |
| 1994 | 15,179 | 3,422,187 | 6.85 | 91.6 | 5,799.4 | 311,908,852 | 148.2 | 1 |
| 1995 | 16,172 | 3,488,796 | 6.96 | 94.2 | 5,996.1 | 333,525,354 | 152.4 | 1 |
| 1996 | 16,064 | 3,550,747 | 7.39 | 91.3 | 6,183.3 | 355,135,853 | 156.9 | 1 |
| 1997 | 16,613 | 3,615,485 | 7.57 | 92.6 | 6,414.4 | 377,673,158 | 160.5 | 1 |
| 1998 | 17,897 | 3,680,470 | 7.12 | 94.9 | 6,636.5 | 401,488,554 | 163.0 | 1 |
| 1999 | 18,040 | 3,756,009 | 6.83 | 94.3 | 6,827.0 | 419,800,453 | 166.6 | 1 |
| 2000 | 18,086 | 3,848,401 | 6.84 | 92.3 | 7,076.4 | 449,816,610 | 172.2 | 1 |
| 2001 | 18,755 | 3,935,007 | 8.13 | 93.0 | 7,266 | 480,605,551 | 177.01 | 1 |
| 2002 | | 4,004,161 | 7.96 | 92.0 | 7,431 | 499,515,489 | 181.41 | 1 |
| 2003 | | 4,079,038 | 7.39 | 92.0 | 7,573 | 519,804,294 | 186.48 | 1 |
| 2004 | | 4,151,237 | 7.25 | 92.0 | 7,710 | 542,826,291 | 191.72 | 1 |
| 2005 | | 4,225,960 | 7.05 | 92.0 | 7,839 | 566,700,563 | 196.97 | 1 |
| 2006 | | 4,299,491 | 6.94 | 92.0 | 7,962 | 591,616,338 | 202.10 | 1 |
| 2007 | | 4,365,095 | 6.92 | 92.0 | 8,083 | 607,191,303 | 207.31 | 1 |
| 2008 | | 4,428,309 | 6.96 | 92.0 | 8,207 | 637,135,849 | 212.62 | 1 |
| 2009 | | 4,490,271 | 7.01 | 92.0 | 8,336 | 672,394,561 | 218.02 | 1 |
| 2010 | | 4,551,096 | 6.96 | 92.0 | 8,468 | 706,091,576 | 223.51 | 1 |
| 2011 | | 4,610,993 | 6.93 | 92.0 | 8,602 | 745,166,257 | 229.10 | 1 |
| 2012 | | 4,670,075 | 6.98 | 92.0 | 8,738 | 782,490,853 | 234.83 | 1 |
| 2013 | | 4,728,447 | 7.01 | 92.0 | 8,876 | 821,664,457 | 240.70 | 1 |
| 2014 | | 4,786,202 | 7.04 | 92.0 | 9,016 | 867,134,871 | 246.72 | 1 |
| 2015 | | 4,843,426 | 7.05 | 92.0 | 9,158 | 910,522,989 | 252.89 | 1 |
| 2016 | | 4,900,198 | 7.07 | 92.0 | 9,303 | 960,910,781 | 259.21 | 1 |
| 2017 | | 4,956,589 | 7.12 | 92.0 | 9,450 | 1,003,843,700 | 265.69 | 1 |
| 2018 | | 5,012,663 | 7.21 | 92.0 | 9,599 | 1,059,395,803 | 272.33 | 1 |
| 2019 | | 5,068,480 | 7.29 | 92.0 | 9,753 | 1,106,613,737 | 279.14 | 1 |
| 2020 | | 5,124,093 | 7.36 | 92.0 | 9,909 | 1,167,853,073 | 286.12 | 1 |

Regression Statistics

| | |
|---------------------------|---------|
| Iterations | 55 |
| Adjusted Observations | 36 |
| Deg. of Freedom for Error | 31 |
| R-Squared | 0.937 |
| Adjusted R-Squared | 0.928 |
| Durbin-Watson Statistic | 2.327 |
| Durbin-H Statistic | #NA |
| AIC | -4.211 |
| BIC | -3.991 |
| F-Statistic | 114.539 |
| Prob (F-Statistic) | 0 |
| Log-Likelihood | 29.72 |
| Model Sum of Squares | 6 |
| Sum of Squared Errors | 0 |
| Mean Squared Error | 0.01 |
| Std. Error of Regression | 0.11 |
| Mean Abs. Dev. (MAD) | 0.09 |
| Mean Abs. % Err. (MAPE) | 2.20% |
| Ljung-Box Statistic | 3.78 |
| Prob (Ljung-Box) | 0.581 |

DEPENDENT VARIABLE: SUMMER PEAK PER CUSTOMER

ELASTICITIES

| Variable | Coefficient | Mean | Elast | |
|----------|-------------|-------------|--------|--|
| RPRICE | -0.137 | 5.654 | -0.185 | Real Price |
| RFLINC | 0.000 | 1,477,110.0 | 0.059 | Real FL Income (Income divided by CPI) |
| MAXTMP | 0.050 | 92.891 | 1.099 | Max Summer Temp |

| Year | Summer Peak Customer | Actual | Pred | TotCust | SPKUN | DIFF | % | | | | | | | | | | | |
|------|----------------------|--------|-------|-----------|--------|-----------|------|------|--------|-----------|-----|------|--|--|--|--|--|------------|
| 1965 | 2.66 | 2,663 | | 949,591 | | | | | | | | | | | | | | |
| 1966 | 2.83 | 2,827 | 3,050 | 1,000,020 | | | | | | | | | | | | | | |
| 1967 | 3.01 | 3,006 | 3,103 | 1,051,335 | | | | | | | | | | | | | | |
| 1968 | 3.61 | 3,608 | 3,340 | 1,050,200 | | | | | | | | | | | | | | |
| 1969 | 3.68 | 3,677 | 3,851 | 1,177,347 | | | | | | | | | | | | | | |
| 1970 | 3.99 | 3,991 | 3,861 | 1,253,124 | | | | | | | | | | | | | | |
| 1971 | 4.01 | 4,012 | 4,034 | 1,340,416 | | | | | | | | | | | | | | |
| 1972 | 4.16 | 4,157 | 3,952 | 1,446,114 | | | | | | | | | | | | | | |
| 1973 | 4.40 | 4,398 | 4,217 | 1,567,636 | | | | | | | | | | | | | | |
| 1974 | 4.32 | 4,317 | 4,227 | 1,676,022 | | | | | | | | | | | | | | |
| 1975 | 4.07 | 4,071 | 4,182 | 1,738,071 | | | | | | | | | | | | | | |
| 1976 | 4.23 | 4,231 | 4,268 | 1,795,793 | | | | | | | | | | | | | | |
| 1977 | 4.18 | 4,180 | 4,144 | 1,875,821 | | | | | | | | | | | | | | |
| 1978 | 4.24 | 4,242 | 4,155 | 1,967,352 | | | | | | | | | | | | | | |
| 1979 | 4.17 | 4,170 | 4,274 | 2,074,327 | | | | | | | | | | | | | | |
| 1980 | 4.40 | 4,404 | 4,317 | 2,184,974 | | | | | | | | | | | | | | |
| 1981 | 4.26 | 4,261 | 4,323 | 2,285,187 | | | | | | | | | | | | | | |
| 1982 | 4.18 | 4,182 | 4,171 | 2,358,167 | | | | | | | | | | | | | | |
| 1983 | 4.39 | 4,394 | 4,372 | 2,429,688 | | | | | | | | | | | | | | |
| 1984 | 4.07 | 4,075 | 4,156 | 2,520,523 | | | | | | | | | | | | | | |
| 1985 | 4.07 | 4,070 | 4,140 | 2,617,556 | | | | | | | | | | | | | | |
| 1986 | 4.05 | 4,047 | 4,156 | 2,723,555 | | | | | | | | | | | | | | |
| 1987 | 4.36 | 4,364 | 4,269 | 2,840,207 | | | | | | | | | | | | | | |
| 1988 | 4.19 | 4,192 | 4,290 | 2,953,663 | | | | | | | | | | | | | | |
| 1989 | 4.38 | 4,381 | 4,407 | 3,064,436 | | | | | | | | | | | | | | |
| 1990 | 4.35 | 4,354 | 4,438 | 3,158,817 | | | | | | | | | | | | | | |
| 1991 | 4.38 | 4,377 | 4,298 | 3,228,455 | | | | | | | | | | | | | | |
| 1992 | 4.47 | 4,468 | 4,568 | 3,281,238 | | | | | | | | | | | | | | 92 Degrees |
| 1993 | 4.55 | 4,549 | 4,472 | 3,355,794 | | | | | | | | | | | | | | |
| 1994 | 4.44 | 4,435 | 4,502 | 3,422,187 | | | | | | | | | | | | | | |
| 1995 | 4.84 | 4,835 | 4,807 | 3,488,796 | SPKUN | DIFF | % | FMPA | SPEAK | DIFF | % | | | | | | | |
| 1996 | 4.52 | 4,524 | 4,498 | 3,550,747 | | | | | | | | | | | | | | |
| 1997 | 4.59 | 4,595 | 4,608 | 3,615,485 | | | | | | | | | | | | | | |
| 1998 | 4.86 | 4,863 | 4,784 | 3,680,470 | | | | | | | | | | | | | | |
| 1999 | 4.80 | 4,803 | 4,869 | 3,756,009 | | | | | | | | | | | | | | |
| 2000 | 4.70 | 4,700 | 4,741 | 3,848,401 | | | | | | | | | | | | | | |
| 2001 | 4.77 | 4,766 | 4,676 | 3,936,007 | 18,754 | << Actual | | | 18,754 | << Actual | | | | | | | | |
| 2002 | | | 4,759 | 4,004,161 | 19,056 | 302 | 1.6% | | 75 | 19,131 | 377 | 2.0% | | | | | | |
| 2003 | | | 4,827 | 4,079,038 | 19,690 | 634 | 3.3% | | 75 | 19,765 | 634 | 3.3% | | | | | | |
| 2004 | | | 4,854 | 4,151,237 | 20,151 | 462 | 2.3% | | 75 | 20,226 | 462 | 2.3% | | | | | | |
| 2005 | | | 4,885 | 4,225,660 | 20,644 | 493 | 2.4% | | 75 | 20,719 | 493 | 2.4% | | | | | | |
| 2006 | | | 4,910 | 4,289,491 | 21,111 | 467 | 2.3% | | 75 | 21,186 | 467 | 2.3% | | | | | | |
| 2007 | | | 4,921 | 4,385,095 | 21,481 | 370 | 1.8% | | 75 | 21,556 | 370 | 1.7% | | | | | | |
| 2008 | | | 4,939 | 4,426,309 | 21,870 | 389 | 1.8% | | | 21,870 | 314 | 1.5% | | | | | | |
| 2009 | | | 4,960 | 4,490,271 | 22,271 | 401 | 1.8% | | | 22,271 | 401 | 1.8% | | | | | | |
| 2010 | | | 4,985 | 4,551,096 | 22,687 | 415 | 1.9% | | | 22,687 | 415 | 1.9% | | | | | | |
| 2011 | | | 5,011 | 4,610,693 | 23,106 | 420 | 1.8% | | | 23,106 | 420 | 1.8% | | | | | | |
| 2012 | | | 5,031 | 4,670,075 | 23,495 | 389 | 1.7% | | | 23,495 | 389 | 1.7% | | | | | | |
| 2013 | | | 5,052 | 4,728,447 | 23,887 | 392 | 1.7% | | | 23,887 | 392 | 1.7% | | | | | | |
| 2014 | | | 5,076 | 4,786,202 | 24,294 | 408 | 1.7% | | | 24,294 | 408 | 1.7% | | | | | | |
| 2015 | | | 5,099 | 4,843,426 | 24,696 | 401 | 1.7% | | | 24,696 | 401 | 1.7% | | | | | | |
| 2016 | | | 5,124 | 4,900,186 | 25,110 | 415 | 1.7% | | | 25,110 | 415 | 1.7% | | | | | | |
| 2017 | | | 5,142 | 4,956,589 | 25,489 | 378 | 1.5% | | | 25,489 | 378 | 1.5% | | | | | | |
| 2018 | | | 5,165 | 5,012,863 | 25,690 | 402 | 1.6% | | | 25,690 | 402 | 1.6% | | | | | | |
| 2019 | | | 5,182 | 5,068,480 | 26,267 | 377 | 1.5% | | | 26,267 | 377 | 1.5% | | | | | | |
| 2020 | | | 5,207 | 5,124,093 | 26,680 | 413 | 1.6% | | | 26,680 | 413 | 1.6% | | | | | | |

WINTER PEAK MODEL: DEPENDENT VARIABLE WINTER PEAK PER CUSTOMER

| Variable | Coefficient | StdErr | T-Stat | P-Value | |
|----------|-------------|----------|--------|---------|-------------------------------------|
| CONST | 5.821 | 0.7252 | 8.027 | 0.00% | Constant |
| RFLINC | 0.00024 | 0.000245 | 0.974 | 34.08% | Real FL income |
| INWDTMP2 | -0.086 | 0.0300 | -2.878 | 0.87% | Min Winter Peak Day Temp |
| SATEMP2 | 0.0003 | 0.0004 | 0.881 | 38.76% | Heat Saturation * Temp |
| PRIORAM | 0.001 | 0.0004 | 2.320 | 3.00% | HDD Prior day until 9AM day of Peak |
| UMTMP36 | -0.009 | 0.0075 | -1.168 | 25.54% | Dummy * Temp |
| SAR(1) | 0.186 | 0.1956 | 0.952 | 35.12% | Auto-Regressive term |

Estimation period: 1970 - 2001

| Year | Winter Peak | Total Customers | Winter Peak Customer | Winter Peak Customer Pred | RFLINC | MINWDTMP2 | HSATEMP2 | PRIORAM | DUMTMP36 |
|------|-------------|-----------------|----------------------|---------------------------|--------|-----------|----------|---------|----------|
| 1970 | 4,716 | 1,253,124 | 3.76 | | 707 | 36 | 1,520.16 | 812.37 | 0 |
| 1971 | 5,059 | 1,340,416 | 3.77 | 3.99 | 758 | 33 | 1,517.40 | 458.64 | 0 |
| 1972 | 4,816 | 1,446,114 | 3.33 | 3.41 | 646 | 43 | 2,090.81 | 535.66 | 0 |
| 1973 | 5,853 | 1,567,638 | 3.73 | 3.59 | 935 | 40 | 2,048.35 | 407.05 | 0 |
| 1974 | 6,258 | 1,676,022 | 3.73 | 3.66 | 948 | 42 | 2,260.37 | 568.65 | 0 |
| 1975 | 5,807 | 1,738,071 | 3.34 | 3.42 | 936 | 46 | 2,565.37 | 535.64 | 0 |
| 1976 | 7,287 | 1,795,793 | 4.06 | 4.01 | 974 | 40 | 2,305.15 | 711.13 | 0 |
| 1977 | 8,723 | 1,875,821 | 4.65 | 4.53 | 1,028 | 33 | 2,009.25 | 755.01 | 0 |
| 1978 | 8,617 | 1,967,352 | 4.38 | 4.41 | 1,109 | 35 | 2,205.33 | 674.82 | 0 |
| 1979 | 8,791 | 2,074,327 | 4.24 | 4.18 | 1,158 | 39 | 2,539.66 | 675.59 | 0 |
| 1980 | 9,732 | 2,184,974 | 4.45 | 4.30 | 1,200 | 31 | 2,105.45 | 489.64 | 31 |
| 1981 | 11,360 | 2,285,167 | 4.97 | 4.69 | 1,255 | 31 | 2,149.58 | 855.00 | 31 |
| 1982 | 11,345 | 2,358,167 | 4.81 | 4.66 | 1,279 | 31 | 2,224.94 | 778.89 | 31 |
| 1983 | 9,280 | 2,429,688 | 3.82 | 3.78 | 1,364 | 40 | 2,972.21 | 460.66 | 40 |
| 1984 | 11,050 | 2,520,523 | 4.38 | 4.89 | 1,462 | 30 | 2,274.11 | 939.30 | 30 |
| 1985 | 12,533 | 2,617,556 | 4.79 | 4.90 | 1,551 | 29 | 2,228.60 | 926.82 | 29 |
| 1986 | 12,139 | 2,723,555 | 4.46 | 4.47 | 1,642 | 33 | 2,591.97 | 615.55 | 33 |
| 1987 | 10,779 | 2,840,207 | 3.80 | 3.98 | 1,734 | 40 | 3,248.55 | 525.61 | 40 |
| 1988 | 12,372 | 2,953,663 | 4.19 | 3.89 | 1,830 | 42 | 3,485.26 | 599.65 | 42 |
| 1989 | 12,876 | 3,064,436 | 4.20 | 4.59 | 1,941 | 35 | 2,907.76 | 737.67 | 35 |
| 1990 | 16,046 | 3,158,817 | 5.08 | 4.99 | 1,978 | 28 | 2,358.89 | 789.66 | 28 |
| 1991 | 11,868 | 3,226,455 | 3.68 | 4.01 | 1,970 | 39 | 3,271.34 | 300.24 | 39 |
| 1992 | 13,319 | 3,281,238 | 4.06 | 3.92 | 1,989 | 43 | 3,700.12 | 557.77 | 43 |
| 1993 | 12,932 | 3,355,794 | 3.85 | 4.18 | 2,055 | 41 | 3,551.36 | 601.13 | 41 |
| 1994 | 12,594 | 3,422,187 | 3.68 | 3.52 | 2,105 | 48 | 4,220.51 | 445.27 | 48 |
| 1995 | 16,563 | 3,488,796 | 4.75 | 4.46 | 2,188 | 36 | 3,165.77 | 503.51 | 36 |
| 1996 | 18,252 | 3,550,747 | 5.14 | 4.82 | 2,263 | 33 | 2,954.60 | 869.67 | 33 |
| 1997 | 17,298 | 3,615,485 | 4.78 | 4.80 | 2,353 | 35 | 3,120.32 | 742.88 | 35 |
| 1998 | 13,060 | 3,680,470 | 3.55 | 3.68 | 2,463 | 48 | 4,277.01 | 425.17 | 48 |
| 1999 | 16,802 | 3,756,009 | 4.47 | 4.39 | 2,520 | 40 | 3,556.00 | 674.00 | 40 |
| 2000 | 17,057 | 3,848,401 | 4.43 | 4.39 | 2,612 | 39 | 3,457.08 | 512.00 | 39 |
| 2001 | 18,199 | 3,916,667 | 4.62 | 4.70 | 2,715 | 36 | 3,216.80 | 641.64 | 36 |
| 2002 | | 4,004,101 | | 4.74 | 2,754 | 30 | 3,211.20 | 684.21 | 36 |
| 2003 | | 4,079,038 | | 4.77 | 2,787 | 36 | 3,240.00 | 684.21 | 36 |
| 2004 | | 4,151,237 | | 4.79 | 2,831 | 36 | 3,281.60 | 684.21 | 36 |
| 2005 | | 4,225,960 | | 4.81 | 2,877 | 36 | 3,286.80 | 684.21 | 36 |
| 2006 | | 4,299,491 | | 4.83 | 2,927 | 36 | 3,308.40 | 684.21 | 36 |
| 2007 | | 4,365,095 | | 4.84 | 2,929 | 36 | 3,330.00 | 684.21 | 36 |
| 2008 | | 4,428,309 | | 4.86 | 2,997 | 36 | 3,351.60 | 684.21 | 36 |
| 2009 | | 4,480,271 | | 4.89 | 3,064 | 36 | 3,373.20 | 684.21 | 36 |
| 2010 | | 4,551,096 | | 4.91 | 3,159 | 36 | 3,387.60 | 684.21 | 36 |
| 2011 | | 4,610,993 | | 4.94 | 3,253 | 36 | 3,402.00 | 684.21 | 36 |
| 2012 | | 4,670,075 | | 4.97 | 3,332 | 36 | 3,418.40 | 684.21 | 36 |
| 2013 | | 4,728,447 | | 4.99 | 3,414 | 36 | 3,430.80 | 684.21 | 36 |
| 2014 | | 4,786,202 | | 5.02 | 3,515 | 36 | 3,445.20 | 684.21 | 36 |
| 2015 | | 4,843,426 | | 5.04 | 3,600 | 36 | 3,459.60 | 684.21 | 36 |
| 2016 | | 4,900,198 | | 5.07 | 3,707 | 36 | 3,474.00 | 684.21 | 36 |
| 2017 | | 4,956,569 | | 5.10 | 3,778 | 36 | 3,488.40 | 684.21 | 36 |
| 2018 | | 5,012,863 | | 5.13 | 3,890 | 36 | 3,502.80 | 684.21 | 36 |
| 2019 | | 5,068,480 | | 5.15 | 3,964 | 36 | 3,517.20 | 684.21 | 36 |
| 2020 | | 5,124,093 | | 5.18 | 4,082 | 36 | 3,531.60 | 684.21 | 36 |

Regression Statistics

| | |
|---------------------------|--------|
| Iterations | 15 |
| Adjusted Observations | 31 |
| Deg. of Freedom for Error | 24 |
| R-Squared | 0.837 |
| Adjusted R-Squared | 0.797 |
| Durbin-Watson Statistic | 2.123 |
| Durbin-H Statistic | #NA |
| AIC | -2.74 |
| BIC | -2.417 |
| F-Statistic | 20.609 |
| Prob (F-Statistic) | 0 |
| Log-Likelihood | 5.31 |
| Model Sum of Squares | 7 |
| Sum of Squared Errors | 1 |
| Mean Squared Error | 0.05 |
| Std. Error of Regression | 0.23 |
| Mean Abs. Dev. (MAD) | 0.16 |
| Mean Abs. % Err. (MAPE) | 3.84% |
| Ljung-Box Statistic | 4.73 |
| Prob (Ljung-Box) | 0.449 |

DEPENDENT VARIABLE: WINTER PEAK PER CUSTOMER**ELASTICITIES**

| Variable | Coefficient | Mean | Elast. | |
|-----------|-------------|-----------|--------|-------------------------------------|
| RFLINC | 0.000 | 1,620.9 | 0.092 | Real FL income |
| MINWDTMP2 | -0.086 | 37.365 | -0.764 | Min Winter Peak Day Temp |
| HSATEMP2 | 0.000 | 2,752.500 | 0.227 | Heat Saturation * Temp |
| PRIORAM | 0.001 | 622.721 | 0.120 | HDD Prior day until 9AM day of Peak |
| DUMTMP36 | -0.009 | 25.3 | -0.052 | Dummy * Temp |

| Year | Actual | Pred | TotCust | WINPEAK | | | | | | |
|------|--------|-------|-----------|---------|----------|------|----|---------|----------|------|
| 1970 | 3,763 | | 1,253,124 | | | | | | | |
| 1971 | 3,774 | 3,992 | 1,340,416 | | | | | | | |
| 1972 | 3,330 | 3,411 | 1,446,114 | | | | | | | |
| 1973 | 3,734 | 3,588 | 1,567,638 | | | | | | | |
| 1974 | 3,734 | 3,660 | 1,676,022 | | | | | | | |
| 1975 | 3,341 | 3,424 | 1,738,071 | | | | | | | |
| 1976 | 4,058 | 4,008 | 1,795,793 | | | | | | | |
| 1977 | 4,650 | 4,528 | 1,875,821 | | | | | | | |
| 1978 | 4,380 | 4,408 | 1,967,352 | | | | | | | |
| 1979 | 4,238 | 4,182 | 2,074,327 | | | | | | | |
| 1980 | 4,454 | 4,302 | 2,184,974 | | | | | | | |
| 1981 | 4,971 | 4,692 | 2,285,187 | | | | | | | |
| 1982 | 4,811 | 4,662 | 2,358,167 | | | | | | | |
| 1983 | 3,819 | 3,776 | 2,429,688 | | | | | | | |
| 1984 | 4,384 | 4,889 | 2,520,523 | | | | | | | |
| 1985 | 4,788 | 4,900 | 2,617,556 | | | | | | | |
| 1986 | 4,457 | 4,473 | 2,723,555 | | | | | | | |
| 1987 | 3,795 | 3,978 | 2,840,207 | | | | | | | |
| 1988 | 4,189 | 3,891 | 2,953,663 | | | | | | | |
| 1989 | 4,202 | 4,595 | 3,064,436 | | | | | | | |
| 1990 | 5,080 | 4,995 | 3,158,817 | | | | | | | |
| 1991 | 3,678 | 4,015 | 3,226,455 | | | | | | | |
| 1992 | 4,059 | 3,919 | 3,281,238 | | | | | | | |
| 1993 | 3,854 | 4,180 | 3,355,794 | | | | | | | |
| 1994 | 3,680 | 3,517 | 3,422,187 | | | | | | | |
| 1995 | 4,747 | 4,455 | 3,488,796 | | | | | | | |
| 1996 | 5,140 | 4,816 | 3,550,747 | WPKUN | | | | WINPEAK | | |
| 1997 | 4,784 | 4,797 | 3,615,485 | | | | | | | |
| 1998 | 3,548 | 3,676 | 3,680,470 | | | FMPA | | | | |
| 1999 | 4,473 | 4,389 | 3,756,009 | | | | | | | |
| 2000 | 4,432 | 4,392 | 3,848,401 | | | | | | | |
| 2001 | 4,625 | 4,702 | 3,935,007 | 18,199 | <<Actual | | | 18,199 | <<Actual | |
| 2002 | 4,737 | 4,737 | 4,004,161 | 18,968 | 769 | 4.2% | | 18,968 | 769 | 4.2% |
| 2003 | 4,775 | 4,775 | 4,079,038 | 19,476 | 507 | 2.7% | 75 | 19,551 | 582 | 3.1% |
| 2004 | 4,794 | 4,794 | 4,151,237 | 19,901 | 426 | 2.2% | 75 | 19,976 | 426 | 2.2% |
| 2005 | 4,814 | 4,814 | 4,225,960 | 20,343 | 441 | 2.2% | 75 | 20,418 | 441 | 2.2% |
| 2006 | 4,833 | 4,833 | 4,299,491 | 20,779 | 436 | 2.1% | 75 | 20,854 | 436 | 2.1% |
| 2007 | 4,840 | 4,840 | 4,365,095 | 21,129 | 350 | 1.7% | 75 | 21,204 | 350 | 1.7% |
| 2008 | 4,864 | 4,864 | 4,428,309 | 21,538 | 409 | 1.9% | | 21,538 | 334 | 1.6% |
| 2009 | 4,892 | 4,892 | 4,490,271 | 21,966 | 427 | 2.0% | | 21,966 | 427 | 2.0% |
| 2010 | 4,914 | 4,914 | 4,551,096 | 22,366 | 400 | 1.8% | | 22,366 | 400 | 1.8% |
| 2011 | 4,941 | 4,941 | 4,610,993 | 22,785 | 419 | 1.9% | | 22,785 | 419 | 1.9% |
| 2012 | 4,965 | 4,965 | 4,670,075 | 23,188 | 403 | 1.8% | | 23,188 | 403 | 1.8% |
| 2013 | 4,989 | 4,989 | 4,728,447 | 23,592 | 404 | 1.7% | | 23,592 | 404 | 1.7% |
| 2014 | 5,018 | 5,018 | 4,786,202 | 24,018 | 426 | 1.8% | | 24,018 | 426 | 1.8% |
| 2015 | 5,043 | 5,043 | 4,843,426 | 24,428 | 409 | 1.7% | | 24,428 | 409 | 1.7% |
| 2016 | 5,074 | 5,074 | 4,900,198 | 24,862 | 434 | 1.8% | | 24,862 | 434 | 1.8% |
| 2017 | 5,095 | 5,095 | 4,956,589 | 25,256 | 394 | 1.6% | | 25,256 | 394 | 1.6% |
| 2018 | 5,127 | 5,127 | 5,012,663 | 25,699 | 443 | 1.8% | | 25,699 | 443 | 1.8% |
| 2019 | 5,149 | 5,149 | 5,068,480 | 26,100 | 400 | 1.6% | | 26,100 | 400 | 1.6% |
| 2020 | 5,182 | 5,182 | 5,124,093 | 26,554 | 454 | 1.7% | | 26,554 | 454 | 1.7% |

FPL 2001 FPL 2001 THROUGH 2030 MOST LIKELY NATURAL GAS PRICE AND AVAILABILITY FORECAST

SEPTEMBER
ANNUAL

NATURAL GAS PRICE FORECAST FOR NON-FIRM TRANSPORTATION THROUGH PHASE VI

**NATURAL GAS PRICE FORECAST
FIRM PHASE VI TRANSPORTATION**

| MONTH/ YEAR | SYSTEM WEIGHTED AVERAGE TOTAL (NON-FIRM & FIRM) NATURAL GAS PRICE | | VARIABLE (DISPATCH) COST FOR GAS MOVING UNDER NON-FIRM TRANSPORTATION | | VARIABLE (DISPATCH) COST FOR GAS MOVING UNDER FIRM TRANSPORTATION | | DEMAND (SUNK) COST FOR GAS MOVING UNDER FIRM TRANSPORTATION | | TOTAL COST FOR GAS MOVING UNDER FIRM TRANSPORTATION | | DELIVERED PRICE | VARIABLE DISPATCH PRICE | DEMAND (SUNK) COST |
|----------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|---------------------|-------------------------------|--------------------------|
| | NOMINAL \$/MMBTU | NOMINAL MM\$ | NOMINAL \$/MMBTU | NOMINAL MM\$ | NOMINAL \$/MMBTU | NOMINAL MM\$ | NOMINAL \$/MMBTU | NOMINAL MM\$ | NOMINAL \$/MMBTU | NOMINAL MM\$ | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU |
| 2000 | \$4.56 | \$1,133.78 | \$4.43 | \$209.06 | \$4.01 | \$809.18 | \$0.58 | \$116 | \$4.59 | \$924.72 | \$4.76 | \$4.76 | \$0.00 |
| 2001 | \$4.91 | \$2,311.37 | \$4.79 | \$1,123.97 | \$4.39 | \$1,035.84 | \$0.61 | \$151.56 | \$5.00 | \$1,187.40 | \$5.14 | \$4.38 | \$0.76 |
| 2002 | \$3.76 | \$1,820.35 | \$3.61 | \$665.40 | \$3.23 | \$967.99 | \$0.62 | \$186.96 | \$3.85 | \$1,154.95 | \$3.98 | \$3.22 | \$0.76 |
| 2003 | \$3.97 | \$1,512.11 | \$3.78 | \$294.58 | \$3.40 | \$1,029.07 | \$0.62 | \$188.46 | \$4.02 | \$1,217.53 | \$4.15 | \$3.39 | \$0.76 |
| 2004 | \$3.99 | \$1,334.51 | \$3.78 | \$113.62 | \$3.39 | \$1,032.30 | \$0.62 | \$188.60 | \$4.01 | \$1,220.89 | \$4.14 | \$3.38 | \$0.76 |
| 2005 | \$4.01 | \$1,334.20 | \$3.81 | \$108.44 | \$3.41 | \$1,038.37 | \$0.62 | \$187.39 | \$4.03 | \$1,225.76 | \$4.17 | \$3.41 | \$0.76 |
| 2006 | \$4.05 | \$1,322.62 | \$3.85 | \$107.15 | \$3.45 | \$1,030.93 | \$0.62 | \$184.54 | \$4.08 | \$1,215.47 | \$4.21 | \$3.45 | \$0.76 |
| 2007 | \$4.09 | \$1,332.46 | \$3.90 | \$105.12 | \$3.50 | \$1,043.38 | \$0.62 | \$183.95 | \$4.11 | \$1,227.34 | \$4.25 | \$3.49 | \$0.76 |
| 2008 | \$4.19 | \$1,363.14 | \$4.00 | \$105.72 | \$3.59 | \$1,073.57 | \$0.62 | \$183.85 | \$4.21 | \$1,257.42 | \$4.34 | \$3.58 | \$0.76 |
| 2009 | \$4.29 | \$1,389.42 | \$4.10 | \$104.59 | \$3.69 | \$1,102.05 | \$0.61 | \$182.78 | \$4.31 | \$1,284.83 | \$4.45 | \$3.69 | \$0.76 |
| 2010 | \$4.39 | \$1,418.36 | \$4.22 | \$104.48 | \$3.80 | \$1,133.96 | \$0.61 | \$179.93 | \$4.41 | \$1,313.88 | \$4.55 | \$3.79 | \$0.76 |
| 2011 | \$4.51 | \$1,452.92 | \$4.34 | \$104.13 | \$3.92 | \$1,169.36 | \$0.60 | \$179.42 | \$4.52 | \$1,348.78 | \$4.67 | \$3.91 | \$0.76 |
| 2012 | \$4.63 | \$1,491.87 | \$4.47 | \$104.62 | \$4.04 | \$1,207.36 | \$0.60 | \$179.89 | \$4.64 | \$1,387.25 | \$4.79 | \$4.03 | \$0.76 |
| 2013 | \$4.75 | \$1,524.97 | \$4.60 | \$103.43 | \$4.16 | \$1,242.13 | \$0.60 | \$179.42 | \$4.77 | \$1,421.54 | \$4.92 | \$4.15 | \$0.76 |
| 2014 | \$4.88 | \$1,562.68 | \$4.73 | \$103.03 | \$4.29 | \$1,280.24 | \$0.60 | \$179.42 | \$4.89 | \$1,459.66 | \$5.04 | \$4.28 | \$0.76 |
| 2015 | \$5.01 | \$1,601.69 | \$4.87 | \$102.32 | \$4.64 | \$1,385.18 | \$0.39 | \$114.19 | \$5.03 | \$1,499.37 | \$5.18 | \$4.42 | \$0.76 |
| 2016 | \$5.15 | \$1,645.66 | \$5.02 | \$102.32 | \$4.89 | \$1,464.06 | \$0.27 | \$79.28 | \$5.16 | \$1,543.34 | \$5.31 | \$4.55 | \$0.76 |
| 2017 | \$5.29 | \$1,682.83 | \$5.17 | \$100.72 | \$5.04 | \$1,503.06 | \$0.27 | \$79.06 | \$5.30 | \$1,582.11 | \$5.45 | \$4.69 | \$0.76 |
| 2018 | \$5.44 | \$1,725.11 | \$5.32 | \$99.77 | \$5.18 | \$1,546.29 | \$0.27 | \$79.06 | \$5.45 | \$1,625.35 | \$5.60 | \$4.84 | \$0.76 |
| 2019 | \$5.59 | \$1,768.96 | \$5.48 | \$98.58 | \$5.33 | \$1,591.32 | \$0.27 | \$79.06 | \$5.60 | \$1,670.38 | \$5.75 | \$4.99 | \$0.76 |
| 2020 | \$5.75 | \$1,818.40 | \$5.64 | \$97.99 | \$5.49 | \$1,641.13 | \$0.27 | \$79.28 | \$5.76 | \$1,720.41 | \$5.90 | \$5.14 | \$0.76 |
| 2021 | \$5.91 | \$1,860.43 | \$5.81 | \$95.85 | \$5.65 | \$1,685.53 | \$0.27 | \$79.06 | \$5.92 | \$1,764.58 | \$6.07 | \$5.30 | \$0.76 |
| 2022 | \$6.07 | \$1,908.15 | \$5.98 | \$94.26 | \$6.01 | \$1,793.65 | \$0.07 | \$20.23 | \$6.08 | \$1,813.88 | \$6.23 | \$5.47 | \$0.76 |
| 2023 | \$6.25 | \$1,957.55 | \$6.16 | \$92.45 | \$6.25 | \$1,865.10 | \$0.00 | \$0.00 | \$6.25 | \$1,865.10 | \$6.40 | \$5.64 | \$0.76 |
| 2024 | \$6.42 | \$2,013.24 | \$6.35 | \$91.13 | \$6.43 | \$1,922.11 | \$0.00 | \$0.00 | \$6.43 | \$1,922.11 | \$6.58 | \$5.82 | \$0.76 |
| 2025 | \$6.61 | \$2,060.92 | \$6.54 | \$88.31 | \$6.61 | \$1,972.61 | \$0.00 | \$0.00 | \$6.61 | \$1,972.61 | \$6.76 | \$6.00 | \$0.76 |
| 2026 | \$6.80 | \$2,114.94 | \$6.74 | \$85.96 | \$6.80 | \$2,028.98 | \$0.00 | \$0.00 | \$6.80 | \$2,028.98 | \$6.95 | \$6.19 | \$0.76 |
| 2027 | \$6.99 | \$2,170.61 | \$6.94 | \$83.34 | \$7.00 | \$2,087.27 | \$0.00 | \$0.00 | \$7.00 | \$2,087.27 | \$7.15 | \$6.38 | \$0.76 |
| 2028 | \$7.20 | \$2,233.21 | \$7.16 | \$81.11 | \$7.20 | \$2,152.10 | \$0.00 | \$0.00 | \$7.20 | \$2,152.10 | \$7.35 | \$6.59 | \$0.76 |
| 2029 | \$7.40 | \$2,286.73 | \$7.37 | \$77.43 | \$7.41 | \$2,209.30 | \$0.00 | \$0.00 | \$7.41 | \$2,209.30 | \$7.56 | \$6.79 | \$0.76 |
| 2030 | \$7.62 | \$2,347.82 | \$7.60 | \$74.64 | \$7.62 | \$2,273.19 | \$0.00 | \$0.00 | \$7.62 | \$2,273.19 | \$7.77 | \$7.01 | \$0.76 |

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FPL 200FPL 2001 THROUGH 2030 HIGH PRICE NATURAL GAS AND AVAILABILITY FORECAST

SEPTEMBER
ANNUAL

REVENUE COSTS OF FIRM GAS PRODUCTION FIRM AND NON-FIRM GAS TRANSPORTATION NON-FIRM GAS PRODUCTION COSTS

NATURAL GAS PRICE FORECAST
FIRM PHASE VI TRANSPORTATION

| MONTH/ YEAR | SYSTEM WEIGHTED AVERAGE TOTAL (NON-FIRM & FIRM) NATURAL GAS PRICE | | VARIABLE (DISPATCH) COST FOR GAS MOVING UNDER NON-FIRM TRANSPORTATION | | VARIABLE (DISPATCH) COST FOR GAS MOVING UNDER FIRM TRANSPORTATION | | DEMAND (SUNK) COST FOR GAS MOVING UNDER FIRM TRANSPORTATION | | TOTAL COST FOR GAS MOVING UNDER FIRM TRANSPORTATION | | DELIVERED PRICE | VARIABLE DISPATCH PRICE | DEMAND (SUNK) COST |
|----------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|---------------------|-------------------------------|--------------------------|
| | NOMINAL \$/MMBTU | NOMINAL MM\$ | NOMINAL \$/MMBTU | NOMINAL MM\$ | NOMINAL \$/MMBTU | NOMINAL MM\$ | NOMINAL \$/MMBTU | NOMINAL MM\$ | NOMINAL \$/MMBTU | NOMINAL MM\$ | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU |
| 2001 | \$5.55 | \$2,584.32 | \$5.44 | \$1,224.56 | \$5.03 | \$1,208.21 | \$0.61 | \$151.56 | \$5.63 | \$1,359.77 | \$5.78 | \$5.02 | \$0.76 |
| 2002 | \$4.85 | \$2,345.83 | \$4.71 | \$868.31 | \$4.30 | \$1,290.56 | \$0.62 | \$186.96 | \$4.93 | \$1,477.52 | \$5.06 | \$4.30 | \$0.76 |
| 2003 | \$5.10 | \$1,944.21 | \$4.94 | \$384.83 | \$4.52 | \$1,370.92 | \$0.62 | \$188.46 | \$5.15 | \$1,559.38 | \$5.28 | \$4.52 | \$0.76 |
| 2004 | \$5.11 | \$1,710.82 | \$4.92 | \$148.07 | \$4.51 | \$1,374.16 | \$0.62 | \$188.60 | \$5.13 | \$1,562.76 | \$5.26 | \$4.50 | \$0.76 |
| 2005 | \$5.14 | \$1,709.80 | \$4.96 | \$141.20 | \$4.54 | \$1,381.22 | \$0.62 | \$187.39 | \$5.16 | \$1,568.60 | \$5.30 | \$4.53 | \$0.76 |
| 2006 | \$5.19 | \$1,694.31 | \$5.01 | \$139.43 | \$4.59 | \$1,370.34 | \$0.62 | \$184.54 | \$5.21 | \$1,554.88 | \$5.35 | \$4.58 | \$0.76 |
| 2007 | \$5.25 | \$1,707.66 | \$5.07 | \$136.79 | \$4.65 | \$1,386.92 | \$0.62 | \$183.95 | \$5.27 | \$1,570.87 | \$5.40 | \$4.64 | \$0.76 |
| 2008 | \$5.37 | \$1,748.59 | \$5.20 | \$137.62 | \$4.77 | \$1,427.13 | \$0.62 | \$183.85 | \$5.39 | \$1,610.97 | \$5.53 | \$4.76 | \$0.76 |
| 2009 | \$5.51 | \$1,784.06 | \$5.35 | \$136.20 | \$4.91 | \$1,465.09 | \$0.61 | \$182.78 | \$5.52 | \$1,647.87 | \$5.66 | \$4.90 | \$0.76 |
| 2010 | \$5.64 | \$1,823.62 | \$5.50 | \$136.11 | \$5.05 | \$1,507.59 | \$0.61 | \$179.93 | \$5.66 | \$1,687.52 | \$5.81 | \$5.04 | \$0.76 |
| 2011 | \$5.80 | \$1,869.89 | \$5.66 | \$135.71 | \$5.21 | \$1,554.76 | \$0.60 | \$179.42 | \$5.81 | \$1,734.18 | \$5.96 | \$5.20 | \$0.76 |
| 2012 | \$5.96 | \$1,921.65 | \$5.83 | \$136.40 | \$5.37 | \$1,605.37 | \$0.60 | \$179.89 | \$5.97 | \$1,785.26 | \$6.12 | \$5.36 | \$0.76 |
| 2013 | \$6.13 | \$1,966.01 | \$6.00 | \$134.89 | \$5.53 | \$1,651.70 | \$0.60 | \$179.42 | \$6.14 | \$1,831.12 | \$6.29 | \$5.53 | \$0.76 |
| 2014 | \$6.30 | \$2,016.31 | \$6.18 | \$134.41 | \$5.71 | \$1,702.48 | \$0.60 | \$179.42 | \$6.31 | \$1,881.90 | \$6.46 | \$5.70 | \$0.76 |
| 2015 | \$6.48 | \$2,068.34 | \$6.36 | \$133.54 | \$6.10 | \$1,820.61 | \$0.39 | \$114.19 | \$6.49 | \$1,934.80 | \$6.64 | \$5.87 | \$0.76 |
| 2016 | \$6.66 | \$2,126.79 | \$6.55 | \$133.58 | \$6.40 | \$1,913.93 | \$0.27 | \$79.28 | \$6.67 | \$1,993.22 | \$6.82 | \$6.06 | \$0.76 |
| 2017 | \$6.85 | \$2,176.58 | \$6.75 | \$131.54 | \$6.59 | \$1,965.99 | \$0.27 | \$79.06 | \$6.86 | \$2,045.04 | \$7.01 | \$6.24 | \$0.76 |
| 2018 | \$7.04 | \$2,232.97 | \$6.95 | \$130.33 | \$6.78 | \$2,023.58 | \$0.27 | \$79.06 | \$7.05 | \$2,102.64 | \$7.20 | \$6.44 | \$0.76 |
| 2019 | \$7.24 | \$2,291.47 | \$7.16 | \$128.83 | \$6.98 | \$2,083.58 | \$0.27 | \$79.06 | \$7.25 | \$2,162.64 | \$7.40 | \$6.64 | \$0.76 |
| 2020 | \$7.45 | \$2,357.21 | \$7.38 | \$128.08 | \$7.19 | \$2,149.85 | \$0.27 | \$79.28 | \$7.46 | \$2,229.13 | \$7.61 | \$6.84 | \$0.76 |
| 2021 | \$7.67 | \$2,413.48 | \$7.60 | \$125.33 | \$7.40 | \$2,209.09 | \$0.27 | \$79.06 | \$7.67 | \$2,288.15 | \$7.82 | \$7.06 | \$0.76 |
| 2022 | \$7.89 | \$2,477.12 | \$7.83 | \$123.29 | \$7.82 | \$2,333.60 | \$0.07 | \$20.23 | \$7.89 | \$2,353.83 | \$8.04 | \$7.28 | \$0.76 |
| 2023 | \$8.12 | \$2,543.02 | \$8.07 | \$120.95 | \$8.12 | \$2,422.07 | \$0.00 | \$0.00 | \$8.12 | \$2,422.07 | \$8.27 | \$7.51 | \$0.76 |
| 2024 | \$8.35 | \$2,617.11 | \$8.32 | \$119.25 | \$8.36 | \$2,497.86 | \$0.00 | \$0.00 | \$8.36 | \$2,497.86 | \$8.50 | \$7.74 | \$0.76 |
| 2025 | \$8.60 | \$2,680.91 | \$8.57 | \$115.60 | \$8.60 | \$2,565.31 | \$0.00 | \$0.00 | \$8.60 | \$2,565.31 | \$8.75 | \$7.99 | \$0.76 |
| 2026 | \$8.85 | \$2,752.97 | \$8.83 | \$112.55 | \$8.85 | \$2,640.42 | \$0.00 | \$0.00 | \$8.85 | \$2,640.42 | \$9.00 | \$8.24 | \$0.76 |
| 2027 | \$9.11 | \$2,827.22 | \$9.11 | \$109.15 | \$9.11 | \$2,718.07 | \$0.00 | \$0.00 | \$9.11 | \$2,718.07 | \$9.26 | \$8.50 | \$0.76 |
| 2028 | \$9.38 | \$2,910.53 | \$9.39 | \$106.24 | \$9.38 | \$2,804.28 | \$0.00 | \$0.00 | \$9.38 | \$2,804.28 | \$9.53 | \$8.77 | \$0.76 |
| 2029 | \$9.66 | \$2,982.11 | \$9.67 | \$101.44 | \$9.66 | \$2,880.66 | \$0.00 | \$0.00 | \$9.66 | \$2,880.66 | \$9.81 | \$9.04 | \$0.76 |
| 2030 | \$9.94 | \$3,063.60 | \$9.97 | \$97.81 | \$9.94 | \$2,965.79 | \$0.00 | \$0.00 | \$9.94 | \$2,965.79 | \$10.09 | \$9.33 | \$0.76 |

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989000

FPL 2001 THROUGH 2030 MOST LIKELY COAL AND PETROLEUM COKE PRICE FORECAST

JUNE 8, 2001 - EUGENE UNGAR

DELIVERED ST. JOHNS RIVER POWER PARK FUEL PRICES (INCLUDES VARIABLE O & M COSTS)

| MONTH/ YEAR | PLANT SCHERER UNIT 4 | | MARTIN PLANT: 1.0% SULFUR COAL | | | | PETROLEUM COKE | | WEIGHTED AVERAGE | | | | WEIGHTED AVERAGE | | | | DISPATCH PRICE OF | | | |
|----------------|----------------------|---------------------|--------------------------------|---------------------|-------------------|---------------------|----------------------|---------------------|---------------------|---------------------|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|---|---------------------|
| | WEIGHTED AVERAGE | SPOT PRICE | SPOT PRICE | | WEIGHTED AVERAGE | | DELIVERED TO FLORIDA | | CONTRACT COAL PRICE | | SPOT COAL PRICE | | COAL PRICE | | PETROLEUM COKE | | FUEL PRICE | | FUEL AT SJRPP (85% SPOT COAL; 15% PETROLEUM COKE) | |
| | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/TON | NOMINAL \$/MMBTU | NOMINAL \$/TON | NOMINAL \$/MMBTU | NOMINAL \$/TON | NOMINAL \$/MMBTU | NOMINAL \$/TON | NOMINAL \$/MMBTU | NOMINAL \$/TON | NOMINAL \$/MMBTU | NOMINAL \$/TON | NOMINAL \$/MMBTU | NOMINAL \$/TON | NOMINAL \$/MMBTU | NOMINAL \$/TON | NOMINAL \$/MMBTU | NOMINAL \$/TON | NOMINAL \$/MMBTU |
| 2001 | \$1.72 | \$1.53 | \$37.62 | \$1.59 | \$37.62 | \$1.59 | \$23.18 | \$0.83 | \$40.17 | \$1.64 | \$36.37 | \$1.44 | \$39.62 | \$1.61 | \$14.59 | \$0.52 | \$35.88 | \$1.45 | \$33.10 | \$1.30 |
| 2002 | \$1.78 | \$1.57 | \$37.92 | \$1.61 | \$37.92 | \$1.61 | \$22.24 | \$0.79 | \$40.82 | \$1.66 | \$36.65 | \$1.55 | \$40.56 | \$1.66 | \$20.93 | \$0.75 | \$37.33 | \$1.51 | \$34.29 | \$1.43 |
| 2003 | \$1.94 | \$1.78 | \$39.71 | \$1.68 | \$39.71 | \$1.68 | \$21.92 | \$0.78 | \$40.25 | \$1.65 | \$38.42 | \$1.63 | \$40.07 | \$1.65 | \$20.88 | \$0.75 | \$36.83 | \$1.49 | \$35.79 | \$1.49 |
| 2004 | \$1.65 | \$1.63 | \$40.84 | \$1.73 | \$40.84 | \$1.73 | \$21.36 | \$0.76 | \$40.78 | \$1.67 | \$39.53 | \$1.65 | \$40.67 | \$1.67 | \$21.36 | \$0.76 | \$37.41 | \$1.51 | \$36.80 | \$1.51 |
| 2005 | \$1.87 | \$1.65 | \$41.32 | \$1.75 | \$41.32 | \$1.75 | \$21.18 | \$0.76 | \$41.69 | \$1.71 | \$40.00 | \$1.67 | \$41.53 | \$1.70 | \$21.18 | \$0.76 | \$38.09 | \$1.54 | \$37.17 | \$1.53 |
| 2006 | \$1.69 | \$1.67 | \$41.84 | \$1.77 | \$41.84 | \$1.77 | \$21.26 | \$0.76 | \$44.52 | \$1.73 | \$40.49 | \$1.69 | \$41.88 | \$1.70 | \$21.26 | \$0.76 | \$38.40 | \$1.54 | \$37.61 | \$1.55 |
| 2007 | \$1.72 | \$1.69 | \$42.41 | \$1.80 | \$42.41 | \$1.80 | \$21.57 | \$0.77 | \$44.96 | \$1.75 | \$41.04 | \$1.71 | \$42.38 | \$1.72 | \$21.57 | \$0.77 | \$38.87 | \$1.56 | \$38.12 | \$1.57 |
| 2008 | \$1.72 | \$1.71 | \$43.01 | \$1.82 | \$43.01 | \$1.82 | \$21.59 | \$0.77 | | | \$41.61 | \$1.73 | \$41.61 | \$1.73 | \$21.59 | \$0.77 | \$38.23 | \$1.57 | \$38.61 | \$1.59 |
| 2009 | \$1.74 | \$1.74 | \$43.64 | \$1.85 | \$43.64 | \$1.85 | \$21.88 | \$0.78 | | | \$42.22 | \$1.76 | \$42.22 | \$1.76 | \$21.88 | \$0.78 | \$38.78 | \$1.59 | \$39.16 | \$1.61 |
| 2010 | \$1.77 | \$1.77 | \$44.32 | \$1.88 | \$44.32 | \$1.88 | \$22.13 | \$0.79 | | | \$42.87 | \$1.79 | \$42.87 | \$1.79 | \$22.13 | \$0.79 | \$39.37 | \$1.62 | \$39.76 | \$1.64 |
| 2011 | \$1.79 | \$1.79 | \$45.07 | \$1.91 | \$45.07 | \$1.91 | \$22.30 | \$0.80 | | | \$43.59 | \$1.82 | \$43.59 | \$1.82 | \$22.30 | \$0.80 | \$39.99 | \$1.64 | \$40.40 | \$1.66 |
| 2012 | \$1.82 | \$1.82 | \$45.82 | \$1.94 | \$45.82 | \$1.94 | \$22.74 | \$0.81 | | | \$44.31 | \$1.85 | \$44.31 | \$1.85 | \$22.74 | \$0.81 | \$40.67 | \$1.67 | \$41.07 | \$1.69 |
| 2013 | \$1.85 | \$1.85 | \$46.59 | \$1.97 | \$46.59 | \$1.97 | \$23.24 | \$0.83 | | | \$45.05 | \$1.88 | \$45.05 | \$1.88 | \$23.24 | \$0.83 | \$41.36 | \$1.70 | \$41.77 | \$1.72 |
| 2014 | \$1.88 | \$1.88 | \$47.38 | \$2.01 | \$47.38 | \$2.01 | \$23.63 | \$0.84 | | | \$45.80 | \$1.91 | \$45.80 | \$1.91 | \$23.63 | \$0.84 | \$42.06 | \$1.73 | \$42.48 | \$1.75 |
| 2015 | \$1.91 | \$1.91 | \$48.17 | \$2.04 | \$48.17 | \$2.04 | \$23.94 | \$0.86 | | | \$46.57 | \$1.94 | \$46.57 | \$1.94 | \$23.94 | \$0.86 | \$42.75 | \$1.76 | \$43.17 | \$1.78 |
| 2016 | \$1.94 | \$1.94 | \$48.99 | \$2.07 | \$48.99 | \$2.07 | \$24.31 | \$0.87 | | | \$47.34 | \$1.97 | \$47.34 | \$1.97 | \$24.31 | \$0.87 | \$43.46 | \$1.79 | \$43.89 | \$1.81 |
| 2017 | \$1.97 | \$1.97 | \$49.81 | \$2.11 | \$49.81 | \$2.11 | \$24.78 | \$0.88 | | | \$48.14 | \$2.01 | \$48.14 | \$2.01 | \$24.78 | \$0.88 | \$44.19 | \$1.82 | \$44.63 | \$1.84 |
| 2018 | \$2.01 | \$2.01 | \$50.65 | \$2.14 | \$50.65 | \$2.14 | \$25.27 | \$0.90 | | | \$48.94 | \$2.04 | \$48.94 | \$2.04 | \$25.27 | \$0.90 | \$44.95 | \$1.85 | \$45.39 | \$1.87 |
| 2019 | \$2.04 | \$2.04 | \$51.51 | \$2.18 | \$51.51 | \$2.18 | \$25.77 | \$0.92 | | | \$49.77 | \$2.07 | \$49.77 | \$2.07 | \$25.77 | \$0.92 | \$45.72 | \$1.88 | \$46.17 | \$1.90 |
| 2020 | \$2.07 | \$2.07 | \$52.39 | \$2.22 | \$52.39 | \$2.22 | \$26.27 | \$0.94 | | | \$50.61 | \$2.11 | \$50.61 | \$2.11 | \$26.27 | \$0.94 | \$46.50 | \$1.91 | \$46.96 | \$1.93 |
| 2021 | \$2.11 | \$2.11 | \$53.28 | \$2.26 | \$53.28 | \$2.26 | \$26.83 | \$0.96 | | | \$51.46 | \$2.14 | \$51.46 | \$2.14 | \$26.83 | \$0.96 | \$47.30 | \$1.94 | \$47.77 | \$1.97 |
| 2022 | \$2.14 | \$2.14 | \$54.19 | \$2.29 | \$54.19 | \$2.29 | \$27.40 | \$0.98 | | | \$52.33 | \$2.18 | \$52.33 | \$2.18 | \$27.40 | \$0.98 | \$48.12 | \$1.98 | \$48.59 | \$2.00 |
| 2023 | \$2.18 | \$2.18 | \$55.12 | \$2.33 | \$55.12 | \$2.33 | \$27.98 | \$1.00 | | | \$53.22 | \$2.22 | \$53.22 | \$2.22 | \$27.98 | \$1.00 | \$48.96 | \$2.01 | \$49.44 | \$2.03 |
| 2024 | \$2.21 | \$2.21 | \$56.07 | \$2.37 | \$56.07 | \$2.37 | \$28.57 | \$1.02 | | | \$54.13 | \$2.26 | \$54.13 | \$2.26 | \$28.57 | \$1.02 | \$49.82 | \$2.05 | \$50.30 | \$2.07 |
| 2025 | \$2.25 | \$2.25 | \$57.04 | \$2.41 | \$57.04 | \$2.41 | \$29.19 | \$1.04 | | | \$55.06 | \$2.29 | \$55.06 | \$2.29 | \$29.19 | \$1.04 | \$50.69 | \$2.08 | \$51.18 | \$2.11 |
| 2026 | \$2.29 | \$2.29 | \$58.03 | \$2.46 | \$58.03 | \$2.46 | \$29.81 | \$1.06 | | | \$56.00 | \$2.33 | \$56.00 | \$2.33 | \$29.81 | \$1.06 | \$51.58 | \$2.12 | \$52.08 | \$2.14 |
| 2027 | \$2.32 | \$2.32 | \$59.03 | \$2.50 | \$59.03 | \$2.50 | \$30.45 | \$1.09 | | | \$56.97 | \$2.37 | \$56.97 | \$2.37 | \$30.45 | \$1.09 | \$52.49 | \$2.16 | \$52.99 | \$2.18 |
| 2028 | \$2.36 | \$2.36 | \$60.05 | \$2.54 | \$60.05 | \$2.54 | \$31.11 | \$1.11 | | | \$57.94 | \$2.41 | \$57.94 | \$2.41 | \$31.11 | \$1.11 | \$53.41 | \$2.19 | \$53.92 | \$2.22 |
| 2029 | \$2.40 | \$2.40 | \$61.09 | \$2.59 | \$61.09 | \$2.59 | \$31.77 | \$1.13 | | | \$58.94 | \$2.46 | \$58.94 | \$2.46 | \$31.77 | \$1.13 | \$54.35 | \$2.23 | \$54.86 | \$2.26 |
| 2030 | \$2.44 | \$2.44 | \$62.15 | \$2.63 | \$62.15 | \$2.63 | \$32.45 | \$1.16 | | | \$59.95 | \$2.50 | \$59.95 | \$2.50 | \$32.45 | \$1.16 | \$55.31 | \$2.27 | \$55.82 | \$2.30 |

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000687

FPL 2001 THROUGH 2030 MOST LIKELY OIL PRICE FORECAST

SEPTEMBER 10, 2001 - EUGENE UNGAR

- CO-FIRE: (1) REQUIRED CO-FIRE RATIO: 70% RESIDUAL FUEL OIL, 30% NATURAL GAS
 (2) REQUIRED CO-FIRE RATIO: 45% RESIDUAL FUEL OIL, 55% NATURAL GAS
 (3) REQUIRED CO-FIRE RATIO: 65% RESIDUAL FUEL OIL, 35% NATURAL GAS
 (4) REQUIRED CO-FIRE RATIO: 60% RESIDUAL FUEL OIL, 40% NATURAL GAS

= BASE CASE QUALITY RESIDUAL FUEL OIL

| MONTH/ | MEXICO | | MEXICO | | MEXICO | | MEXICO | | MEXICO | | MEXICO | | MEXICO | | MEXICO | | MEXICO | | MEXICO | | MEXICO | | MEXICO | |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| YEAR | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL | NOMINAL |
| | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU | \$/MMBTU |
| 2001 | \$6.09 | \$6.09 | \$6.13 | \$5.91 | \$6.09 | \$6.18 | \$3.94 | \$3.76 | \$3.73 | \$3.89 | \$3.78 | \$3.74 | \$3.75 | \$3.76 | \$3.89 | \$3.46 | \$3.36 | \$3.39 | \$3.32 | \$3.31 | \$3.01 | \$3.00 | \$3.02 | |
| 2002 | \$5.79 | \$5.79 | \$5.84 | \$5.81 | \$5.79 | \$5.87 | \$3.87 | \$3.89 | \$3.86 | \$3.82 | \$3.89 | \$3.67 | \$3.68 | \$3.89 | \$3.81 | \$3.39 | \$3.29 | \$3.32 | \$3.25 | \$3.25 | \$2.95 | \$2.94 | \$2.98 | |
| 2003 | \$5.41 | \$5.41 | \$5.46 | \$5.22 | \$5.41 | \$5.48 | \$3.82 | \$3.43 | \$3.40 | \$3.36 | \$3.43 | \$3.41 | \$3.43 | \$3.43 | \$3.36 | \$3.11 | \$3.01 | \$3.04 | \$2.96 | \$2.96 | \$2.64 | \$2.63 | \$2.65 | |
| 2004 | \$5.29 | \$5.29 | \$5.34 | \$5.11 | \$5.29 | \$5.37 | \$3.56 | \$3.38 | \$3.32 | \$3.29 | \$3.36 | \$3.34 | \$3.35 | \$3.36 | \$3.28 | \$3.02 | \$2.90 | \$2.94 | \$2.86 | \$2.85 | \$2.51 | \$2.50 | \$2.52 | |
| 2005 | \$5.28 | \$5.28 | \$5.32 | \$5.10 | \$5.28 | \$5.36 | \$3.57 | \$3.35 | \$3.32 | \$3.28 | \$3.36 | \$3.34 | \$3.35 | \$3.35 | \$3.28 | \$2.99 | \$2.87 | \$2.91 | \$2.83 | \$2.82 | \$2.45 | \$2.44 | \$2.46 | |
| 2006 | \$5.32 | \$5.32 | \$5.35 | \$5.13 | \$5.32 | \$5.40 | \$3.61 | \$3.38 | \$3.35 | \$3.31 | \$3.38 | \$3.37 | \$3.38 | \$3.38 | \$3.31 | \$3.00 | \$2.87 | \$2.91 | \$2.83 | \$2.81 | \$2.43 | \$2.41 | \$2.43 | |
| 2007 | \$5.46 | \$5.46 | \$5.49 | \$5.27 | \$5.46 | \$5.54 | \$3.70 | \$3.46 | \$3.43 | \$3.39 | \$3.47 | \$3.45 | \$3.46 | \$3.46 | \$3.39 | \$3.07 | \$2.94 | \$2.97 | \$2.90 | \$2.87 | \$2.48 | \$2.46 | \$2.48 | |
| 2008 | \$5.60 | \$5.60 | \$5.62 | \$5.41 | \$5.60 | \$5.68 | \$3.80 | \$3.55 | \$3.51 | \$3.48 | \$3.55 | \$3.53 | \$3.54 | \$3.55 | \$3.47 | \$3.13 | \$3.00 | \$3.04 | \$2.96 | \$2.94 | \$2.52 | \$2.51 | \$2.53 | |
| 2009 | \$5.75 | \$5.75 | \$5.78 | \$5.56 | \$5.75 | \$5.83 | \$3.90 | \$3.64 | \$3.60 | \$3.56 | \$3.64 | \$3.62 | \$3.63 | \$3.64 | \$3.56 | \$3.21 | \$3.07 | \$3.11 | \$3.03 | \$3.00 | \$2.58 | \$2.56 | \$2.58 | |
| 2010 | \$5.91 | \$5.91 | \$5.92 | \$5.71 | \$5.91 | \$5.99 | \$4.01 | \$3.73 | \$3.69 | \$3.66 | \$3.73 | \$3.71 | \$3.72 | \$3.73 | \$3.65 | \$3.29 | \$3.15 | \$3.18 | \$3.10 | \$3.07 | \$2.63 | \$2.62 | \$2.64 | |
| 2011 | \$6.08 | \$6.08 | \$6.08 | \$5.88 | \$6.08 | \$6.18 | \$4.13 | \$3.83 | \$3.80 | \$3.76 | \$3.83 | \$3.81 | \$3.83 | \$3.83 | \$3.75 | \$3.37 | \$3.23 | \$3.27 | \$3.18 | \$3.15 | \$2.69 | \$2.68 | \$2.70 | |
| 2012 | \$6.28 | \$6.28 | \$6.25 | \$6.06 | \$6.28 | \$6.34 | \$4.25 | \$3.94 | \$3.90 | \$3.86 | \$3.94 | \$3.92 | \$3.93 | \$3.94 | \$3.86 | \$3.46 | \$3.31 | \$3.35 | \$3.27 | \$3.23 | \$2.75 | \$2.74 | \$2.78 | |
| 2013 | \$6.44 | \$6.44 | \$6.43 | \$6.24 | \$6.44 | \$6.53 | \$4.37 | \$4.05 | \$4.01 | \$3.97 | \$4.05 | \$4.03 | \$4.04 | \$4.05 | \$3.96 | \$3.55 | \$3.40 | \$3.43 | \$3.35 | \$3.31 | \$2.81 | \$2.80 | \$2.82 | |
| 2014 | \$6.63 | \$6.63 | \$6.61 | \$6.43 | \$6.63 | \$6.72 | \$4.50 | \$4.18 | \$4.12 | \$4.08 | \$4.16 | \$4.14 | \$4.15 | \$4.16 | \$4.07 | \$3.64 | \$3.48 | \$3.52 | \$3.44 | \$3.39 | \$2.88 | \$2.86 | \$2.88 | |
| 2015 | \$6.83 | \$6.83 | \$6.80 | \$6.62 | \$6.83 | \$6.91 | \$4.64 | \$4.27 | \$4.23 | \$4.20 | \$4.27 | \$4.25 | \$4.27 | \$4.27 | \$4.19 | \$3.74 | \$3.57 | \$3.61 | \$3.53 | \$3.48 | \$2.94 | \$2.93 | \$2.95 | |
| 2016 | \$7.03 | \$7.03 | \$6.99 | \$6.82 | \$7.03 | \$7.12 | \$4.77 | \$4.39 | \$4.35 | \$4.31 | \$4.39 | \$4.37 | \$4.38 | \$4.39 | \$4.30 | \$3.83 | \$3.66 | \$3.70 | \$3.62 | \$3.56 | \$3.01 | \$3.00 | \$3.01 | |
| 2017 | \$7.24 | \$7.24 | \$7.19 | \$7.03 | \$7.24 | \$7.32 | \$4.92 | \$4.51 | \$4.47 | \$4.43 | \$4.51 | \$4.49 | \$4.50 | \$4.51 | \$4.42 | \$3.93 | \$3.76 | \$3.80 | \$3.71 | \$3.65 | \$3.08 | \$3.06 | \$3.08 | |
| 2018 | \$7.45 | \$7.45 | \$7.40 | \$7.24 | \$7.45 | \$7.54 | \$5.07 | \$4.64 | \$4.60 | \$4.56 | \$4.64 | \$4.62 | \$4.63 | \$4.64 | \$4.55 | \$4.04 | \$3.85 | \$3.90 | \$3.81 | \$3.75 | \$3.15 | \$3.13 | \$3.15 | |
| 2019 | \$7.66 | \$7.66 | \$7.60 | \$7.45 | \$7.66 | \$7.75 | \$5.21 | \$4.78 | \$4.72 | \$4.68 | \$4.78 | \$4.74 | \$4.75 | \$4.76 | \$4.67 | \$4.13 | \$3.95 | \$3.99 | \$3.90 | \$3.83 | \$3.21 | \$3.19 | \$3.21 | |
| 2020 | \$7.89 | \$7.89 | \$7.82 | \$7.67 | \$7.89 | \$7.98 | \$5.37 | \$4.89 | \$4.85 | \$4.81 | \$4.89 | \$4.87 | \$4.88 | \$4.89 | \$4.80 | \$4.24 | \$4.05 | \$4.09 | \$4.00 | \$3.93 | \$3.28 | \$3.26 | \$3.28 | |
| 2021 | \$8.13 | \$8.13 | \$8.05 | \$7.91 | \$8.13 | \$8.22 | \$5.54 | \$5.03 | \$4.99 | \$4.95 | \$5.03 | \$5.01 | \$5.02 | \$5.03 | \$4.94 | \$4.35 | \$4.15 | \$4.20 | \$4.10 | \$4.03 | \$3.35 | \$3.34 | \$3.36 | |
| 2022 | \$8.37 | \$8.37 | \$8.28 | \$8.15 | \$8.37 | \$8.47 | \$5.71 | \$5.17 | \$5.13 | \$5.09 | \$5.17 | \$5.15 | \$5.16 | \$5.17 | \$5.08 | \$4.47 | \$4.26 | \$4.30 | \$4.21 | \$4.13 | \$3.43 | \$3.41 | \$3.43 | |
| 2023 | \$8.63 | \$8.63 | \$8.52 | \$8.40 | \$8.63 | \$8.72 | \$5.88 | \$5.31 | \$5.27 | \$5.23 | \$5.32 | \$5.29 | \$5.31 | \$5.31 | \$5.22 | \$4.59 | \$4.37 | \$4.41 | \$4.32 | \$4.23 | \$3.51 | \$3.49 | \$3.51 | |
| 2024 | \$8.89 | \$8.89 | \$8.77 | \$8.66 | \$8.89 | \$8.99 | \$6.06 | \$5.46 | \$5.42 | \$5.38 | \$5.46 | \$5.44 | \$5.46 | \$5.46 | \$5.37 | \$4.71 | \$4.48 | \$4.53 | \$4.43 | \$4.34 | \$3.58 | \$3.57 | \$3.59 | |
| 2025 | \$9.16 | \$9.16 | \$9.03 | \$8.93 | \$9.16 | \$9.26 | \$6.25 | \$5.62 | \$5.57 | \$5.53 | \$5.62 | \$5.60 | \$5.61 | \$5.62 | \$5.52 | \$4.83 | \$4.60 | \$4.65 | \$4.55 | \$4.45 | \$3.67 | \$3.65 | \$3.67 | |
| 2026 | \$9.44 | \$9.44 | \$9.30 | \$9.21 | \$9.44 | \$9.54 | \$6.45 | \$5.78 | \$5.73 | \$5.69 | \$5.78 | \$5.75 | \$5.77 | \$5.78 | \$5.68 | \$4.96 | \$4.72 | \$4.77 | \$4.67 | \$4.56 | \$3.75 | \$3.73 | \$3.76 | |
| 2027 | \$9.73 | \$9.73 | \$9.57 | \$9.49 | \$9.73 | \$9.83 | \$6.65 | \$5.94 | \$5.90 | \$5.85 | \$5.94 | \$5.92 | \$5.93 | \$5.94 | \$5.84 | \$5.09 | \$4.85 | \$4.89 | \$4.79 | \$4.68 | \$3.83 | \$3.82 | \$3.84 | |
| 2028 | \$10.03 | \$10.03 | \$9.86 | \$9.79 | \$10.03 | \$10.13 | \$6.86 | \$6.11 | \$6.06 | \$6.02 | \$6.11 | \$6.09 | \$6.10 | \$6.11 | \$6.01 | \$5.23 | \$4.97 | \$5.02 | \$4.92 | \$4.80 | \$3.92 | \$3.90 | \$3.93 | |
| 2029 | \$10.34 | \$10.34 | \$10.15 | \$10.09 | \$10.34 | \$10.44 | \$7.08 | \$6.28 | \$6.24 | \$6.19 | \$6.28 | \$6.26 | \$6.28 | \$6.28 | \$6.18 | \$5.53 | \$5.10 | \$5.15 | \$5.05 | \$4.92 | \$4.01 | \$3.99 | \$4.01 | |
| 2030 | \$10.67 | \$10.67 | \$10.46 | \$10.42 | \$10.67 | \$10.77 | \$7.31 | \$6.47 | \$6.42 | \$6.38 | \$6.47 | \$6.45 | \$6.46 | \$6.47 | \$6.37 | \$5.52 | \$5.25 | \$5.30 | \$5.19 | \$5.06 | \$4.11 | \$4.09 | \$4.12 | |

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000688

FPL 2001 FPL 2001 THROUGH 2030 HIGH PRICE OIL FORECAST

SEPTEMBER 10, 2001 - EUGENE UNGAR

ANNUAL PRICES ARE BELOW MONTHLY PRICES

- CO-FIRE: (1) REQUIRED CO-FIRE RATIO: 70% RESIDUAL FUEL OIL, 30% NATURAL GAS
- (2) REQUIRED CO-FIRE RATIO: 45% RESIDUAL FUEL OIL, 55% NATURAL GAS
- (3) REQUIRED CO-FIRE RATIO: 65% RESIDUAL FUEL OIL, 35% NATURAL GAS
- (4) REQUIRED CO-FIRE RATIO: 60% RESIDUAL FUEL OIL, 40% NATURAL GAS

| MONTH/ YEAR | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU | NOMINAL \$/MMBTU |
|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 2000 | \$6.73 | \$6.13 | \$5.97 | \$6.20 | \$6.13 | \$6.17 | \$4.48 | \$4.28 | \$4.22 | \$4.20 | \$4.29 | \$4.24 | \$1.27 | \$4.26 | \$4.20 | \$3.79 | \$3.86 | \$3.76 | #REF! | \$3.75 | \$3.41 | \$3.38 | \$3.40 | \$3.40 | \$3.40 |
| 2001 | \$8.11 | \$8.11 | \$8.17 | \$7.88 | \$8.11 | \$8.22 | \$5.25 | \$5.01 | \$4.97 | \$4.92 | \$5.01 | \$4.99 | \$8.00 | \$5.01 | \$4.91 | \$4.81 | \$4.47 | \$4.52 | \$4.42 | \$4.42 | \$4.02 | \$4.00 | \$4.00 | \$4.02 | \$4.02 |
| 2002 | \$7.72 | \$7.72 | \$7.79 | \$7.48 | \$7.72 | \$7.82 | \$5.15 | \$4.92 | \$4.87 | \$4.83 | \$4.92 | \$4.89 | \$4.91 | \$4.92 | \$4.82 | \$4.52 | \$4.38 | \$4.43 | \$4.33 | \$4.33 | \$3.93 | \$3.92 | \$3.94 | \$3.94 | \$3.94 |
| 2003 | \$7.21 | \$7.21 | \$7.27 | \$6.96 | \$7.21 | \$7.31 | \$4.83 | \$4.57 | \$4.53 | \$4.48 | \$4.58 | \$4.55 | \$4.57 | \$4.57 | \$4.47 | \$4.15 | \$4.01 | \$4.05 | \$3.95 | \$3.95 | \$3.52 | \$3.51 | \$3.51 | \$3.53 | \$3.53 |
| 2004 | \$7.06 | \$7.06 | \$7.12 | \$6.81 | \$7.06 | \$7.16 | \$4.74 | \$4.47 | \$4.43 | \$4.38 | \$4.48 | \$4.45 | \$4.47 | \$4.47 | \$4.37 | \$4.02 | \$3.87 | \$3.92 | \$3.81 | \$3.80 | \$3.35 | \$3.33 | \$3.33 | \$3.36 | \$3.36 |
| 2005 | \$7.04 | \$7.04 | \$7.09 | \$6.79 | \$7.04 | \$7.15 | \$4.75 | \$4.47 | \$4.42 | \$4.38 | \$4.48 | \$4.45 | \$4.47 | \$4.47 | \$4.37 | \$4.02 | \$3.87 | \$3.92 | \$3.81 | \$3.80 | \$3.35 | \$3.33 | \$3.33 | \$3.36 | \$3.36 |
| 2006 | \$7.09 | \$7.09 | \$7.14 | \$6.84 | \$7.09 | \$7.20 | \$4.81 | \$4.51 | \$4.46 | \$4.42 | \$4.51 | \$4.49 | \$4.50 | \$4.51 | \$4.41 | \$3.99 | \$3.83 | \$3.88 | \$3.77 | \$3.78 | \$3.27 | \$3.26 | \$3.26 | \$3.28 | \$3.28 |
| 2007 | \$7.27 | \$7.27 | \$7.31 | \$7.02 | \$7.27 | \$7.38 | \$4.93 | \$4.62 | \$4.57 | \$4.53 | \$4.62 | \$4.59 | \$4.61 | \$4.61 | \$4.51 | \$3.99 | \$3.83 | \$3.88 | \$3.77 | \$3.75 | \$3.23 | \$3.22 | \$3.22 | \$3.24 | \$3.24 |
| 2008 | \$7.48 | \$7.48 | \$7.49 | \$7.21 | \$7.48 | \$7.57 | \$5.08 | \$4.73 | \$4.68 | \$4.63 | \$4.73 | \$4.70 | \$4.72 | \$4.73 | \$4.62 | \$4.09 | \$3.92 | \$3.96 | \$3.86 | \$3.83 | \$3.30 | \$3.28 | \$3.28 | \$3.31 | \$3.31 |
| 2009 | \$7.68 | \$7.68 | \$7.68 | \$7.41 | \$7.66 | \$7.77 | \$5.20 | \$4.85 | \$4.80 | \$4.75 | \$4.85 | \$4.82 | \$4.84 | \$4.85 | \$4.74 | \$4.18 | \$4.00 | \$4.05 | \$3.94 | \$3.91 | \$3.36 | \$3.35 | \$3.35 | \$3.37 | \$3.37 |
| 2010 | \$7.87 | \$7.87 | \$7.89 | \$7.62 | \$7.87 | \$7.98 | \$5.34 | \$4.97 | \$4.92 | \$4.88 | \$4.97 | \$4.95 | \$4.96 | \$4.97 | \$4.87 | \$4.28 | \$4.10 | \$4.15 | \$4.04 | \$4.00 | \$3.43 | \$3.42 | \$3.42 | \$3.44 | \$3.44 |
| 2011 | \$8.10 | \$8.10 | \$8.11 | \$7.84 | \$8.10 | \$8.22 | \$5.50 | \$5.11 | \$5.06 | \$5.01 | \$5.11 | \$5.09 | \$5.10 | \$5.11 | \$5.00 | \$4.50 | \$4.30 | \$4.35 | \$4.24 | \$4.20 | \$3.59 | \$3.57 | \$3.57 | \$3.59 | \$3.59 |
| 2012 | \$8.34 | \$8.34 | \$8.34 | \$8.08 | \$8.34 | \$8.45 | \$5.66 | \$5.25 | \$5.20 | \$5.15 | \$5.25 | \$5.22 | \$5.24 | \$5.25 | \$5.14 | \$4.81 | \$4.41 | \$4.46 | \$4.35 | \$4.30 | \$3.67 | \$3.65 | \$3.65 | \$3.67 | \$3.67 |
| 2013 | \$8.58 | \$8.58 | \$8.57 | \$8.32 | \$8.58 | \$8.70 | \$5.83 | \$5.39 | \$5.34 | \$5.29 | \$5.39 | \$5.37 | \$5.38 | \$5.39 | \$5.28 | \$4.73 | \$4.53 | \$4.58 | \$4.47 | \$4.41 | \$3.75 | \$3.73 | \$3.73 | \$3.76 | \$3.76 |
| 2014 | \$8.84 | \$8.84 | \$8.81 | \$8.57 | \$8.84 | \$8.95 | \$6.00 | \$5.54 | \$5.49 | \$5.44 | \$5.54 | \$5.52 | \$5.53 | \$5.54 | \$5.43 | \$4.85 | \$4.64 | \$4.69 | \$4.58 | \$4.52 | \$3.83 | \$3.82 | \$3.82 | \$3.84 | \$3.84 |
| 2015 | \$9.10 | \$9.10 | \$9.07 | \$8.83 | \$9.10 | \$9.21 | \$6.18 | \$5.69 | \$5.64 | \$5.59 | \$5.70 | \$5.67 | \$5.68 | \$5.69 | \$5.58 | \$4.98 | \$4.76 | \$4.81 | \$4.70 | \$4.64 | \$3.92 | \$3.91 | \$3.91 | \$3.93 | \$3.93 |
| 2016 | \$9.37 | \$9.37 | \$9.32 | \$9.09 | \$9.37 | \$9.48 | \$6.36 | \$5.85 | \$5.80 | \$5.75 | \$5.85 | \$5.82 | \$5.84 | \$5.85 | \$5.74 | \$5.11 | \$4.88 | \$4.94 | \$4.82 | \$4.75 | \$4.01 | \$3.99 | \$3.99 | \$4.02 | \$4.02 |
| 2017 | \$9.64 | \$9.64 | \$9.59 | \$9.37 | \$9.64 | \$9.78 | \$6.56 | \$6.01 | \$5.96 | \$5.91 | \$6.02 | \$5.99 | \$6.00 | \$6.01 | \$5.90 | \$5.24 | \$5.01 | \$5.06 | \$4.95 | \$4.87 | \$4.10 | \$4.08 | \$4.08 | \$4.11 | \$4.11 |
| 2018 | \$9.93 | \$9.93 | \$9.86 | \$9.65 | \$9.93 | \$10.05 | \$6.75 | \$6.18 | \$6.13 | \$6.07 | \$6.18 | \$6.15 | \$6.17 | \$6.18 | \$6.06 | \$5.38 | \$5.14 | \$5.19 | \$5.07 | \$4.99 | \$4.19 | \$4.18 | \$4.18 | \$4.20 | \$4.20 |
| 2019 | \$10.21 | \$10.21 | \$10.13 | \$9.93 | \$10.21 | \$10.34 | \$6.95 | \$6.34 | \$6.29 | \$6.24 | \$6.34 | \$6.32 | \$6.33 | \$6.34 | \$6.22 | \$5.51 | \$5.26 | \$5.31 | \$5.19 | \$5.11 | \$4.27 | \$4.26 | \$4.26 | \$4.28 | \$4.28 |
| 2020 | \$10.52 | \$10.52 | \$10.43 | \$10.23 | \$10.52 | \$10.64 | \$7.18 | \$6.52 | \$6.46 | \$6.41 | \$6.52 | \$6.49 | \$6.51 | \$6.52 | \$6.40 | \$5.85 | \$5.59 | \$5.64 | \$5.53 | \$5.45 | \$4.37 | \$4.35 | \$4.35 | \$4.38 | \$4.38 |
| 2021 | \$10.84 | \$10.84 | \$10.73 | \$10.54 | \$10.84 | \$10.96 | \$7.38 | \$6.70 | \$6.65 | \$6.59 | \$6.70 | \$6.67 | \$6.68 | \$6.69 | \$6.58 | \$6.11 | \$5.83 | \$5.88 | \$5.76 | \$5.64 | \$4.47 | \$4.45 | \$4.45 | \$4.48 | \$4.48 |
| 2022 | \$11.18 | \$11.18 | \$11.04 | \$10.87 | \$11.16 | \$11.29 | \$7.61 | \$6.89 | \$6.83 | \$6.78 | \$6.89 | \$6.86 | \$6.88 | \$6.89 | \$6.77 | \$6.24 | \$5.96 | \$6.01 | \$5.89 | \$5.77 | \$4.57 | \$4.55 | \$4.55 | \$4.58 | \$4.58 |
| 2023 | \$11.50 | \$11.50 | \$11.38 | \$11.20 | \$11.50 | \$11.63 | \$7.84 | \$7.08 | \$7.03 | \$6.97 | \$7.09 | \$7.05 | \$7.07 | \$7.08 | \$6.96 | \$6.51 | \$6.23 | \$6.28 | \$6.16 | \$6.04 | \$4.77 | \$4.76 | \$4.76 | \$4.79 | \$4.79 |
| 2024 | \$11.85 | \$11.85 | \$11.89 | \$11.54 | \$11.85 | \$11.98 | \$8.08 | \$7.28 | \$7.23 | \$7.17 | \$7.28 | \$7.25 | \$7.27 | \$7.28 | \$7.16 | \$6.82 | \$6.53 | \$6.58 | \$6.46 | \$6.34 | \$4.89 | \$4.87 | \$4.87 | \$4.90 | \$4.90 |
| 2025 | \$12.21 | \$12.21 | \$12.04 | \$11.90 | \$12.21 | \$12.34 | \$8.34 | \$7.49 | \$7.43 | \$7.37 | \$7.49 | \$7.48 | \$7.48 | \$7.49 | \$7.36 | \$7.11 | \$6.82 | \$6.87 | \$6.75 | \$6.63 | \$4.99 | \$4.98 | \$4.98 | \$5.01 | \$5.01 |
| 2026 | \$12.58 | \$12.58 | \$12.39 | \$12.27 | \$12.58 | \$12.72 | \$8.60 | \$7.70 | \$7.64 | \$7.58 | \$7.70 | \$7.67 | \$7.68 | \$7.69 | \$7.57 | \$7.36 | \$7.07 | \$7.12 | \$7.00 | \$6.88 | \$5.00 | \$4.98 | \$4.98 | \$5.01 | \$5.01 |
| 2027 | \$12.97 | \$12.97 | \$12.78 | \$12.65 | \$12.97 | \$13.11 | \$8.87 | \$7.92 | \$7.86 | \$7.80 | \$7.92 | \$7.89 | \$7.91 | \$7.92 | \$7.79 | \$7.57 | \$7.28 | \$7.33 | \$7.21 | \$7.09 | \$5.11 | \$5.09 | \$5.09 | \$5.12 | \$5.12 |
| 2028 | \$13.37 | \$13.37 | \$13.14 | \$13.05 | \$13.37 | \$13.50 | \$9.14 | \$8.14 | \$8.08 | \$8.02 | \$8.15 | \$8.11 | \$8.13 | \$8.14 | \$8.01 | \$7.81 | \$7.50 | \$7.55 | \$7.43 | \$7.31 | \$5.22 | \$5.20 | \$5.20 | \$5.23 | \$5.23 |
| 2029 | \$13.78 | \$13.78 | \$13.53 | \$13.45 | \$13.78 | \$13.92 | \$9.43 | \$8.37 | \$8.31 | \$8.25 | \$8.38 | \$8.34 | \$8.37 | \$8.37 | \$8.24 | \$8.01 | \$7.70 | \$7.75 | \$7.63 | \$7.51 | \$5.34 | \$5.32 | \$5.32 | \$5.35 | \$5.35 |

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000689

FPL 2001 THROUGH 2030 MOST LIKELY NATURAL GAS PRICE AND AVAILABILITY

SEPTEMBER 10, 2001 - EUGENE UNGAR

ANNUAL VOLUMES AND PRICES ARE BELOW MONTHLY VOLUMES AND PRICES

NATURAL GAS TRANSPORTATION/AVAILABILITY ASSUMPTIONS

| MONTH/ YEAR | ASSUMED | ASSUMED | FIRM | TOTAL FIRM TRANSPORT | TOTAL AVAILABILITY | HENRY HUB NATURAL GAS PRICE NOMINAL \$/MMBTU | |
|----------------|----------------------------|--|--|-------------------------|-----------------------|--|--------|
| | FIRM THROUGH 7/31/15 | FIRM THROUGH 2/28/15; 4/30/21; & 3/31/22 | FIRM TRANSPORT THROUGH 12/31/05 | | | | |
| | NON-FIRM AVAILABILITY | FIRM TRANSPORTATION | | | | | |
| | MMCFPD | FTS-1 PHASE II MMCFPD | FTS-2 PHASE II MMCFPD | FTS-1 NUI MMCFPD | MMCFPD | MMCFPD | |
| 2000 | 131 | 332 | 205 | 7 | 544 | 675 | \$3.91 |
| 2001 | 569 | 332 | 335 | 16 | 682 | 1251 | \$4.41 |
| 2002 | 505 | 332 | 474 | 16 | 822 | 1328 | \$3.16 |
| 2003 | 209 | 332 | 484 | 16 | 832 | 1041 | \$3.31 |
| 2004 | 85 | 332 | 484 | 16 | 832 | 917 | \$3.29 |
| 2005 | 81 | 332 | 484 | 0 | 832 | 913 | \$3.31 |
| 2006 | 79 | 332 | 484 | 0 | 817 | 895 | \$3.34 |
| 2007 | 77 | 332 | 484 | 0 | 817 | 893 | \$3.38 |
| 2008 | 75 | 332 | 484 | 0 | 817 | 891 | \$3.47 |
| 2009 | 73 | 332 | 484 | 0 | 817 | 889 | \$3.57 |
| 2010 | 71 | 332 | 484 | 0 | 817 | 887 | \$3.68 |
| 2011 | 68 | 332 | 484 | 0 | 817 | 885 | \$3.79 |
| 2012 | 66 | 332 | 484 | 0 | 817 | 883 | \$3.91 |
| 2013 | 64 | 332 | 484 | 0 | 817 | 881 | \$4.03 |
| 2014 | 62 | 332 | 484 | 0 | 817 | 879 | \$4.15 |
| 2015 | 60 | 332 | 484 | 0 | 817 | 877 | \$4.28 |
| 2016 | 58 | 332 | 484 | 0 | 817 | 875 | \$4.42 |
| 2017 | 56 | 332 | 484 | 0 | 817 | 872 | \$4.55 |
| 2018 | 54 | 332 | 484 | 0 | 817 | 870 | \$4.70 |
| 2019 | 52 | 332 | 484 | 0 | 817 | 868 | \$4.84 |
| 2020 | 50 | 332 | 484 | 0 | 817 | 866 | \$4.99 |
| 2021 | 48 | 332 | 484 | 0 | 817 | 864 | \$5.15 |
| 2022 | 46 | 332 | 484 | 0 | 817 | 862 | \$5.31 |
| 2023 | 43 | 332 | 484 | 0 | 817 | 860 | \$5.48 |
| 2024 | 41 | 332 | 484 | 0 | 817 | 858 | \$5.65 |
| 2025 | 39 | 332 | 484 | 0 | 817 | 856 | \$5.83 |
| 2026 | 37 | 332 | 484 | 0 | 817 | 854 | \$6.02 |
| 2027 | 35 | 332 | 484 | 0 | 817 | 852 | \$6.21 |
| 2028 | 33 | 332 | 484 | 0 | 817 | 850 | \$6.40 |
| 2029 | 31 | 332 | 484 | 0 | 817 | 847 | \$6.61 |
| 2030 | 29 | 332 | 484 | 0 | 817 | 846 | \$6.81 |

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000690

FPL 2001 THROUGH 2030 LOW PRICE NATURAL GAS AND AVAILABILITY FORECAST

SEPTEMBER 10, 2001 - EUGENE UNGAR

ANNUAL VOLUMES AND PRICES ARE BELOW MONTHLY VOLUMES AND PRICES

NATURAL GAS TRANSPORTATION/AVAILABILITY ASSUMPTIONS

ASSUMED ASSUMED FIRM
 FIRM FIRM TRANSPORT
 THROUGH THROUGH THROUGH
 7/31/15 2/28/15; 12/31/05
 4/30/21; &
 3/31/22

FIRM TRANSPORTATION

| MONTH/ YEAR | NON-FIRM | FTS-1 | FTS-2 | FTS-1 | TOTAL FIRM | TOTAL | HENRY HUB NATURAL GAS PRICE NOMINAL \$/MMBTU |
|----------------|--------------|----------|----------|--------|------------|--------------|--|
| | AVAILABILITY | PHASE II | PHASE II | NUI | TRANSPORT | AVAILABILITY | |
| | MMCFPD | MMCFPD | MMCFPD | MMCFPD | MMCFPD | MMCFPD | |
| 2001 | 569 | 332 | 335 | 16 | 682 | 1251 | \$3.84 |
| 2002 | 505 | 332 | 474 | 16 | 822 | 1328 | \$2.11 |
| 2003 | 209 | 332 | 484 | 16 | 832 | 1041 | \$2.21 |
| 2004 | 85 | 332 | 484 | 16 | 832 | 917 | \$2.20 |
| 2005 | 81 | 332 | 484 | 0 | 832 | 913 | \$2.21 |
| 2006 | 79 | 332 | 484 | 0 | 817 | 895 | \$2.23 |
| 2007 | 77 | 332 | 484 | 0 | 817 | 893 | \$2.25 |
| 2008 | 75 | 332 | 484 | 0 | 817 | 891 | \$2.32 |
| 2009 | 73 | 332 | 484 | 0 | 817 | 889 | \$2.38 |
| 2010 | 71 | 332 | 484 | 0 | 817 | 887 | \$2.45 |
| 2011 | 68 | 332 | 484 | 0 | 817 | 885 | \$2.53 |
| 2012 | 66 | 332 | 484 | 0 | 817 | 883 | \$2.61 |
| 2013 | 64 | 332 | 484 | 0 | 817 | 881 | \$2.69 |
| 2014 | 62 | 332 | 484 | 0 | 817 | 879 | \$2.77 |
| 2015 | 60 | 332 | 484 | 0 | 817 | 877 | \$2.86 |
| 2016 | 58 | 332 | 484 | 0 | 817 | 875 | \$2.95 |
| 2017 | 56 | 332 | 484 | 0 | 817 | 872 | \$3.04 |
| 2018 | 54 | 332 | 484 | 0 | 817 | 870 | \$3.13 |
| 2019 | 52 | 332 | 484 | 0 | 817 | 868 | \$3.23 |
| 2020 | 50 | 332 | 484 | 0 | 817 | 866 | \$3.33 |
| 2021 | 48 | 332 | 484 | 0 | 817 | 864 | \$3.44 |
| 2022 | 46 | 332 | 484 | 0 | 817 | 862 | \$3.54 |
| 2023 | 43 | 332 | 484 | 0 | 817 | 860 | \$3.65 |
| 2024 | 41 | 332 | 484 | 0 | 817 | 858 | \$3.77 |
| 2025 | 39 | 332 | 484 | 0 | 817 | 856 | \$3.89 |
| 2026 | 37 | 332 | 484 | 0 | 817 | 854 | \$4.01 |
| 2027 | 35 | 332 | 484 | 0 | 817 | 852 | \$4.14 |
| 2028 | 33 | 332 | 484 | 0 | 817 | 850 | \$4.27 |
| 2029 | 31 | 332 | 484 | 0 | 817 | 847 | \$4.41 |
| 2030 | 29 | 332 | 484 | 0 | 817 | 846 | \$4.55 |

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000691

FPL 2001 THROUGH 2030 HIGH PRICE NATURAL GAS AND AVAILABILITY FORECAST

SEPTEMBER 10, 2001 - EUGENE UNGAR

ANNUAL VOLUMES AND PRICES ARE BELOW MONTHLY VOLUMES AND PRICES

NATURAL GAS TRANSPORTATION/AVAILABILITY ASSUMPTIONS

ASSUMED ASSUMED FIRM
 FIRM FIRM TRANSPORT
 THROUGH THROUGH THROUGH
 7/31/15 2/28/15; 12/31/05
 4/30/21; &
 3/31/22

FIRM TRANSPORTATION

| MONTH/ YEAR | NON-FIRM | FTS-1 | | FTS-2 | FTS-1 | TOTAL FIRM | TOTAL |
|----------------|--------------|----------|----------|----------|--------|------------|--------------|
| | AVAILABILITY | PHASE II | PHASE II | PHASE II | NUI | TRANSPORT | AVAILABILITY |
| | MMCFPD | MMCFPD | MMCFPD | MMCFPD | MMCFPD | MMCFPD | MMCFPD |
| 2001 | 569 | 332 | 335 | 16 | 682 | 1251 | \$4.98 |
| 2002 | 505 | 332 | 474 | 16 | 822 | 1328 | \$4.21 |
| 2003 | 209 | 332 | 484 | 16 | 832 | 1041 | \$4.41 |
| 2004 | 85 | 332 | 484 | 16 | 832 | 917 | \$4.39 |
| 2005 | 81 | 332 | 484 | 0 | 832 | 913 | \$4.41 |
| 2006 | 79 | 332 | 484 | 0 | 817 | 895 | \$4.45 |
| 2007 | 77 | 332 | 484 | 0 | 817 | 893 | \$4.50 |
| 2008 | 75 | 332 | 484 | 0 | 817 | 891 | \$4.63 |
| 2009 | 73 | 332 | 484 | 0 | 817 | 889 | \$4.76 |
| 2010 | 71 | 332 | 484 | 0 | 817 | 887 | \$4.90 |
| 2011 | 68 | 332 | 484 | 0 | 817 | 885 | \$5.05 |
| 2012 | 66 | 332 | 484 | 0 | 817 | 883 | \$5.21 |
| 2013 | 64 | 332 | 484 | 0 | 817 | 881 | \$5.37 |
| 2014 | 62 | 332 | 484 | 0 | 817 | 879 | \$5.54 |
| 2015 | 60 | 332 | 484 | 0 | 817 | 877 | \$5.71 |
| 2016 | 58 | 332 | 484 | 0 | 817 | 875 | \$5.89 |
| 2017 | 56 | 332 | 484 | 0 | 817 | 872 | \$6.07 |
| 2018 | 54 | 332 | 484 | 0 | 817 | 870 | \$6.26 |
| 2019 | 52 | 332 | 484 | 0 | 817 | 868 | \$6.46 |
| 2020 | 50 | 332 | 484 | 0 | 817 | 866 | \$6.66 |
| 2021 | 48 | 332 | 484 | 0 | 817 | 864 | \$6.87 |
| 2022 | 46 | 332 | 484 | 0 | 817 | 862 | \$7.08 |
| 2023 | 43 | 332 | 484 | 0 | 817 | 860 | \$7.30 |
| 2024 | 41 | 332 | 484 | 0 | 817 | 858 | \$7.53 |
| 2025 | 39 | 332 | 484 | 0 | 817 | 856 | \$7.77 |
| 2026 | 37 | 332 | 484 | 0 | 817 | 854 | \$8.02 |
| 2027 | 35 | 332 | 484 | 0 | 817 | 852 | \$8.27 |
| 2028 | 33 | 332 | 484 | 0 | 817 | 850 | \$8.53 |
| 2029 | 31 | 332 | 484 | 0 | 817 | 847 | \$8.81 |
| 2030 | 29 | 332 | 484 | 0 | 817 | 846 | \$9.08 |

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Appendix H

Summary of Financial and Economic Assumptions

| | | |
|--|---|---|
| <u>Projected Capitalization Ratios</u> Debt = 45% Preferred = 0% Equity = 55% | <u>Projected Cost of Capital</u> Debt = 7.4% Preferred = 0% Equity = 11.7% | Discount Rate = 8.5% AFUDC Rate = 9.8% |
|--|---|---|

| | |
|---|---|
| Tax Assumptions | |
| <u>Rates:</u> Composite Income Tax = 38.575% (Includes Federal and State Tax) | <u>Book Life</u> Combustion Turbines = 25 Years Combined Cycle = 25 Years |
| Tax Depreciation Life = 20 Years | |

| Annual Escalation Assumptions (In Percent) | | | |
|---|--------------------------|--------------------------------|-----------------------------------|
| Year | <u>Generator Capital</u> | <u>Generator Fixed O&M</u> | <u>Generator Variable O&M</u> |
| 2001 | 1.70% | 4.90% | 2.70% |
| 2002 | 1.70% | 3.80% | 2.50% |
| 2003 | 1.70% | 4.40% | 2.80% |
| 2004 | 1.70% | 3.80% | 2.80% |
| 2005 | 1.70% | 3.40% | 2.70% |
| 2006 | 1.70% | 3.40% | 2.60% |
| 2007 | 1.70% | 3.60% | 2.60% |
| 2008 | 1.70% | 3.80% | 2.60% |
| 2009 | 1.70% | 4.00% | 2.50% |
| 2010 | 1.70% | 4.20% | 2.50% |
| 2011 | 1.70% | 4.50% | 2.50% |
| 2012 | 1.70% | 4.50% | 2.50% |
| 2013 | 1.70% | 4.50% | 2.50% |
| 2014 | 1.70% | 4.50% | 2.50% |
| 2015 | 1.70% | 4.50% | 2.50% |
| 2016 | 1.70% | 4.50% | 2.50% |
| 2017 | 1.70% | 4.50% | 2.50% |
| 2018 | 1.70% | 4.50% | 2.50% |
| 2019 | 1.70% | 4.50% | 2.50% |
| 2020 | 1.70% | 4.50% | 2.50% |
| 2021 | 1.70% | 4.50% | 2.50% |
| 2022 | 1.70% | 4.50% | 2.50% |
| 2023 | 1.70% | 4.50% | 2.50% |
| 2024 | 1.70% | 4.50% | 2.50% |
| 2025 | 1.70% | 4.50% | 2.50% |
| 2026 | 1.70% | 4.50% | 2.50% |
| 2027 | 1.70% | 4.50% | 2.50% |
| 2028 | 1.70% | 4.50% | 2.50% |
| 2029 | 1.70% | 4.50% | 2.50% |

Request for Proposals

Florida Power & Light Company (FPL) is soliciting proposals for: (a) a supply of up to 1,750 megawatts of firm capacity and energy to FPL starting in 2005 and 2006, and (b) new renewable energy sources that could be made available to FPL customers starting in 2003.

The 1,750 megawatt solicitation is for firm capacity and energy projects that could be more economical than FPL's next planned capacity additions for 2005 and 2006. FPL's projects, as described in its 2001 Ten-Year Power Plant Site Plan, are as follows:

For 2005: Two combustion turbines (CT's) are planned for conversion into a combined cycle (CC) unit at FPL's Martin site. A similar conversion of two CT's into a CC unit is also planned at FPL's Fort Myers site. Each conversion adds 249 MW (summer) and will be natural gas-fired. Two new CC units are planned, one at FPL's Martin site, and one at FPL's Midway site. Each CC unit adds 547 MW (summer) and will be natural gas-fired. All of these capacity additions are projected to be in-service by June 1, 2005.

For 2006: A new CC unit is planned for FPL's Martin site. It will add 547 MW (summer), will be natural gas-fired and is projected to be in-service by June 1, 2006.

The solicitation for energy from new renewable energy sources is separate from proposals related to firm capacity. FPL is seeking renewable energy projects that would potentially serve FPL customers by 2003.


Parties interested in submitting proposals for parts (a) and/or (b) of this solicitation need to send a non-refundable check for \$500 payable to Florida Power & Light Company in order to receive the Request for Proposals (RFP) document and to be eligible for the Pre-Bid Workshop. The RFP document is scheduled for release on August 13, 2001, and the Pre-Bid Workshop will be held in Miami on August 24, 2001. Please address your request for the RFP document, with the enclosed check, to: Steve R. Sim, RFP Contact Person, Florida Power & Light Company, Resource Assessment and Planning Dept., P.O. Box 029100, Miami, FL 33102-9100, (305) 552-2246.

A Notice of Intent to Respond to the Solicitation Form from all parties wishing to bid must be received by FPL by August 31, 2001, and all proposals must be received by FPL by September 14, 2001. Initial evaluation of proposals is projected to be completed in November 2001 at which time a short list of proposals will be announced and contract negotiations initiated. The final announcement of the selected bid(s) is projected for some time in March 2002.

FPL reserves the right to reject all proposals, to modify or cancel the RFP, or to match or beat any/all proposal(s) with FPL's own resource option.



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Monday, September 10, 2001

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Questions and Answers relating to FPL's Request for Proposals for Capacity and Energy

[Due Date Extension \(8/26/01\)](#) | [Purpose of RFP FAQ \(8/22/01\)](#) | [What are FPL's street and mailing addresses? \(8/22/01\)](#) | [What specific risks is FPL seeking to mitigate by terminating or shortening negotiated contracts upon deregulation of Florida's electric utility industry? What are their concerns? \(8/26/01\)](#) | [Why did FPL limit its option to shorten contracts by half? What flexibility is FPL seeking in a contract to respond to deregulation? \(8/26/01\)](#) | [Does FPL have a preference for a 3-year, 10-year or a longer-term contract? If so, why? \(8/26/01\)](#) | [Do projects need to submit their application for the FPL's queue for generation interconnection prior to September 14? \(8/26/01\)](#) | [Please answer the following questions on FPL's "Next Planned Generating Units" as outlined in the RFP Tables VI: \(8/26/01\)](#) | [In the "Notice of Intent to Respond to the Solicitation" \(NOI\), if more than one proposal is being considered does it need to be listed in the NOI? \(8/26/01\)](#) | [Will FPL issue a written list of all questions and answers? \(8/26/01\)](#) | [Does FPL require projects with a secondary fuel supply or a minimum storage of the primary fuel? \(8/26/01\)](#) | [Will FPL give any indication of the relative value of projects connecting at various points in the system? \(8/26/01\)](#) | [Will FPL accept proposals for contract extensions from parties with existing contracts? \(8/26/01\)](#) | [Is there any specific weighting or scoring system of pricing and non-pricing factors? \(8/26/01\)](#) | [Please clarify the intent of item 8 of Minimum Requirements for Proposals, are LDs required upon the Proposal or upon execution of the contract? \(8/26/01\)](#) | [Will the provision in Section II.C.3 be mutual, i.e. the bidder will have the same options to terminate or shorten the contract? \(8/26/01\)](#) | [Will there be additional opportunities to ask questions at a later date? \(8/26/01\)](#) | [Can you clarify the intent of Section 9? It can be interpreted that these proposals must come from existing power plants. Can proposals be made from proposed power plants? \(8/26/01\)](#) | [Do proposals require site control? \(8/26/01\)](#) | [Why such a short time line for submitting the proposals? \(8/26/01\)](#) | [Will FPL also extend the NOI deadline? \(8/28/01\)](#) | [Will one \\$500 NOI check cover all NOI financial obligations for all companies under the same corporate umbrella? \(8/28/01\)](#) | [Will one \\$500 check from a company cover all NOI financial obligations for the company if different groups/departments of the same company wish to submit separate bids? \(8/28/01\)](#) | [In the evaluation of its self-build option will FPL give its self build credit for wholesale power sales because those units \(directly or because they created available wholesale capacity on other FPL resources\) generate wholesale income? \(8/29/01\)](#) | [Will the same treatment/evaluation be given to the RFP proposals? \(8/29/01\)](#) | [If FPL run-hours cause a facility to perform maintenance during the December to September time period will the down time cause a reduction to the capacity payment due to the Seller? \(8/29/01\)](#) | [How does FPL define force majeure as it relates to both power and gas? \(8/29/01\)](#) | [The RFP provides FPL with an option to extend existing purchase contracts. Does FPL have existing purchase contracts set to expire within the time frames outlined in the RFP? \(8/29/01\)](#) | [If so, approximately how many MW are represented by these contracts? \(8/29/01\)](#) | [Is FPL considering expansion of their Ft. Everglades and Lauderdale Plants? If so, how much more output? \(8/29/01\)](#) | [Will FPL provide a copy of the type of "regulatory Out" clause\(s\) that it has used in past contracts \(post on the web site\)? \(8/29/01\)](#) | [Will the 390 day requirement be terminated once a bidder fails to make the short list? \(8/29/01\)](#) | [If not, may the bidder be able to sell a portion of the MW's bid? \(8/29/01\)](#) | [Is the fuel price used in the FPL self-build assumptions an existing FPL contract price or is it based on an index? If it is based on an index, and if so, what is the index? If the fuel price is index-based, what is the](#)

escalation rate used during the life of FPL's self-build option? (8/29/01) | Since the results of transmission (i.e. Oasis) studies take a few months to get, the proposal may come to FPL with the status of transmission being unknown. How does FPL propose that bidders address this issue in their bid(s)? (8/29/01) | Will the bids be kept confidential? If not, will there be an opportunity for bidder to review competing bids? (8/29/01) | Page 15 of the RFP, 3rd full paragraph speaks to emission allowances or credits. Is FPL aware of any requirements for a Florida based facility to secure such allowances or credits? (8/29/01) | Is there a renewable or DSM program available outside of this RFP? If yes, who do we contact? (8/29/01) | Where can we find the formula to determine a deferred or avoided cost? (8/29/01) | Could you please comment on the need for the bid to remain open for 390 days? (8/29/01) | Will FPL entertain a renewable proposal (landfill gas generation) that contemplates a block of renewable generation delivered from multiple sites within the 2003 to 2005 window? (8/29/01) | Are costs associated with existing infrastructure at FPL facilities (i.e. existing combustion turbines) being evaluated and included as part of FPL's self-build options? If so, what are the cost assumptions being used for this existing infrastructure? (8/29/01) | What type of dispatch model will be used? Will all details be revealed to the short list for use during negotiations? (8/29/01) | If FPL decides to allocate its low-cost gas supply (fuel and/or transportation capacity) to the FPL self-build option, would FPL have to purchase additional fuel at market prices for use at other existing FPL facilities? In other words, has FPL used its lowest cost existing fuel supplies as the assumption for its self-build option? (8/29/01) | If a capacity proposal would not otherwise require a public notice under Rule 25.22-082 FL Administrative Code will FPL still require a public notice? (8/29/01) | How is FPL going to evaluate the proposals it receives? Will the same factors, standards, and weights be used to evaluate the proposals submitted in response to the RFP as will be used to evaluate the FPL self-build options? What are the factors, standards, and weights that will be used to evaluate the proposals? (8/29/01) | Why is landfill gas considered renewable if MSW combustion is not? (8/29/01) | Would FPL be interested in a structure pursuant to which they contributed turbines to the project? (8/29/01) | Given the short response time, by what date does FPL expect to have the Q&A from pre-bid meeting posted on the website? (8/29/01) | The PSC is reviewing the interconnection and net-metering of small DG technologies. It is expected to make a ruling on these issues later this year or the beginning of next. Will FPL consider net-metering as part of this proposal? (8/29/01) | Concerning the newspaper announcement-when is any announcement to be made? After bid award? (8/29/01) | A number of items made in the assumptions by FPL are beyond the control of any individual Bidder or FPL and will impact all bidders and FPL self-build options equally (i.e. natural gas prices, inflation, labor costs) will FPL make uniform assumptions from the bidders responses and its self-build option? If FPL changes the assumptions they are making for its self-build options, will FPL make | With respect to Renewable Projects, (Energy Only), will FPL require a corporate guarantee (Form # 4), Financial information). Or can the developer consider limited recourse financing? (8/29/01) | Since the FPL Green Power Program is not yet clearly defined will you consider proposals separate from this RFP? If so, do you have a specific group that is coordinating this effort? (8/29/01) | Describe conditions of regulatory out; will FPL assume any regulatory risk? (8/30/01) | If the FPSC allows recovery of less than 100% of the winning bidder's contract cost, what steps would FPL expect to take? Would the contract be reopened and renegotiated? Will the bidder be able to withdraw its proposal if the modifications required are not attractive? (8/30/01) | Page 28 and 29 of the bid document addressing Form # 6B states "... (with the transmission interconnection price component also separately identified)* then states "transmission integration cost with FPL system will be addressed at a later date after identification of a short list of bidders". These two statements seem somewhat inconsistent. Please explain what is expected regarding transmission interconnection price and transmission integration costs with | The RFP contains language regarding liquidated damages. Why did FPL decide to include a liquidated damages provision as compared to having the market price establish FPL's anticipated damages. (8/30/01) | Since one delivery option is to deliver to FPL's interface with another control area, if the transmission service and ancillary service costs change as a result of an RTO regime (e.g. load pays for RTO transmission costs) will the bidder and FPL share the cost increases or decreases or will the bidder always be exposed to the increased costs and the benefit of decreased costs? | What would be the advantage to FPL of an offer for capacity that would not require a need determination i.e. the

merchant plan provides less than 75 MW of steam based generation and would you shorten the 390 days requirement? (8/30/01) | For FPL's self-build options that involve conversion of existing resources, are the conversion costs considered? If so, how are they considered and what are these costs? (8/31/01) | Page 17 of the RFP appears to address a "legislative out" clause if the 75 MW limitation contained in the Power Plant Siting is changed. This clause imposes a great deal of risk on a potential bidder. What is FPL's position as to whether the 75 MW limitation on steam fired power should be changed. If FPL favors a change, what change would it seek? | Would pricing for different terms be considered separate bids? (i.e. 3yr, 5yrs 10yr.)? (8/31/01) | Since we are competing with a self-build, how does FPL plan to monetize the options to terminate upon wholesale power legislative change? If you self-build, you will not have this option. How will you credit IPP's for offering this? (8/31/01) | On Form 5A, what is a turnaround rate? MW/minute (8/31/01) | Is FPL's request for an evaluation fee a typical purchasing practice? If not, why is this purchase being charged a fee? Justify why this practice does not harm least cost buying practice? (8/31/01) | When will further details of FPL "Green Program" be available? (8/31/01) | Will FPL consider a bid from an existing biomass plant EWG, non-QF, less than 50 MW and located 300 miles outside the Miami metropolitan area? If so, is there any expectation of a favorable consideration? (8/31/01) | Does FPL have a Green Pricing tariff? If not, does it plan to seek such a tariff? If yes, approximately when will it seek such a tariff? (8/31/01) | Just another request for more time. Two week extension would help a lot, especially with the performance security issues. (8/31/01) | Does restart of a presently mothballed biomass facility qualify as "new"? (8/31/01) | Firm capacity is defined as? >89% Avail >90% avail >93% Avail >98% Avail (8/31/01) | FPL states that no maintenance can be scheduled during Jan, Feb, Jun - Sept and Dec. Since FPL wants full dispatchability and since many of the turbine (and other component) maintenance are run-hour dependent, how would FPL treat a seller who must do maintenance during these months because of FPL run-hours? (8/31/01) | What, specifically, are the operational requirements listed in the "Minimum requirements for Proposal" section, item number 7? Will these be made available to the bidders? When? (8/31/01) | Would FPL consider proposals for peak mitigation (load shedding) using renewables or storage as part of the RFP. (8/31/01) | Can we get information on dispatching of existing FPL units and purchase contracts? (8/31/01) | What is the expected dispatch and capacity utilization of capacity submitted under this bid? (8/31/01) | Is there any GWH load forecast that can be used to analyze the optimum configuration of generation (i.e. simple cycle vs ccgt)? (8/31/01) | For the renewables, what surveys were done? Is this information available? What will customers pay? (8/31/01) | You stated a \$9,000 fee is applicable to firm capacity and energy proposals. Thus, is it correct that this fee is not applicable to renewable or turnkey proposals? (8/31/01) | Will you supply a list of the Brownfields (Greenfields) locations and their conditions? (8/31/01) | Will FPL consider an existing plant that generates power using biomass as a renewable energy source or does the plant have to be new-that is coming on-line at the beginning of the FPL RFP term? (8/31/01) | What are the interconnection requirements for the renewables (D.G. technologies)? (8/31/01) | If capacity is included with a renewable bid, is \$9,000 required? (8/31/01) | What preference does FPL have for getting capacity on-line prior to the dates set forth in the RFP? Is this weighed into the evaluation of the proposals? If so, how? (8/31/01) | I noticed that FPL wants bidders to submit their own fuel supply forecast. Does this imply that FPL will not entertain a proposal that incorporates fuel tolling? If FPL will entertain fuel-tolling proposals, how does FPL propose that fuel tolling bids be submitted? (8/31/01) | Within the preferred 3 to 10 year term, is there any preferred length? (8/31/01) | For a capacity bid using a renewable energy source, can the bid start in 2003 or does it have to start in 2005? (8/31/01) | What constitutes another proposal that requires another \$9,000? How much optionality can be provided in a single response? (i.e. nominate up to x MW in 2005 and Y MW in 2006). (8/31/01) | Is the option to modify permit application only applicable in the option to buy scenario? When would FPL expect to enter into actual power purchase agreements? (8/31/01) | Will alternative pricing structure be considered separate bids? What is FPL's definition of QF and is it consistent with PURPA? (8/31/01) | Does FPL prefer fuel type (pipeline, LNG, oil, etc) or source? (8/31/01) | Will bids that take exception to the 390 day open period specified in item K on page 31 of the RFP be disqualified? (8/31/01) | Will proposals with a term that is longer than ten (10) years be rewarded or penalized? (8/31/01) | Does the Rule 25-22.082, Florida Administrative Code, requirement apply to existing unit(s) or to unit(s) that have already been

announced? (8/31/01) | Will FPL consider signing a 20 year PPA that remains in effect even if the FPSC repeals the statutory barrier to merchant combined cycle plants? (8/31/01) | What is meant by "new" renewable sources? Are renewables exempt from project cancellation due to deregulation? (8/31/01) | How does FPL propose to address transmission credits associated with a Bidder's "system upgrades" resulting from a Bidder's GIS request? (8/31/01) | What is the value of deferral formula? (8/31/01) | Question from August, 24th Workshop -What is included in the levelized revenue recovery amounts? Is it based upon a rate recovery methodology and include all O&M, depreciation, interest, rate of return, capital recovery, fuel, etc? What are the number of MWhs associated with the revenue recovery amounts? (8/31/01) | Question from August, 24th Workshop - Is the direct cost detailed in the back of the RFP the total cost that FPL will seek for recovery in rates, or is there additional indirect cost that will be included? (8/31/01) | Question from August, 24th Workshop - The direct construction costs of \$363/kW for the FPL self-build option at Midway seems very low. Experience in the industry has shown the actual price should be closer to \$500/kW. What is the basis for the price estimate for the FPL self-build option for Midway? What is included, specifically, in this price estimate number? (8/31/01) | Question from August, 24th Workshop - What are your capacity factor assumptions used to arrive at variable O&M? What number of starts are assumed in each? (8/31/01) | Question from August, 24th Workshop - For FPL's self-build options that involve conversion of existing resources, are the conversion costs considered? If so, how are they considered and what are those costs? (8/31/01) | Question from August, 24th Workshop - Can FPL provide the value of deferral for years beyond the first year of deferral? (8/31/01) | Question from August, 24th Workshop - Is the fuel price used in the FPL self-build assumptions an existing FPL contract price or is it based on an index? If it is based on an index, what is the index? If the fuel price is index-based what is the escalation rate used during the life of FPL's self-build option? (8/31/01) | Question from Pre-Bid Workshop- Does additional capacity expansion at an existing biomass site qualify as new? (8/31/01) | Question from Pre-Bid Workshop- Will the short list be announced? If a proposal is not short-listed, does the 390 days firm still apply? How will a proposal know it is not under consideration? (8/31/01) | Question from Pre-Bid Workshop- When FPL goes before the FPSC in May, 2002, what is FPL attempting to achieve at that time? Is the awarding of a winning bid and FPL's going before the FPSC a guarantee that FPL will activate the winning bid given that the Seller holds up his responsibilities? (In other words, is there a potential for someone to spend dollars or | Question from Pre-Bid Workshop- Would you consider a waste-to-energy facility as a renewable resource? (8/31/01) | Which is the Docket number where goals for DSM and renewables were set? (9/04/01) | Please briefly describe FPL's "cogeneration program under which it [FPL] could contract with QFs for renewable energy"? Is there a contact person ? (9/04/01) | What is FPL's schedule for seeking recovery of costs from the PSC? If the PSC denies recovery one year into the contract, does FPL want immediate termination? (That would not be nice.) (9/05/01) | Will FPL clarify the meaning of and consider modifications to, the first paragraph on page 17 of the RFP regarding termination of contract due to failure to obtain costs recovery from the PSC? (9/06/01) | What quantity of firm transportation (MMBtu per day) will FPL use in its planning assumptions for each of its self-build options? (9/06/01) | What annual fixed transportation costs will FPL use in its planning assumptions for each of its self-build options? (9/06/01) | How much incremental firm pipeline transportation (MMBtu per day) will FPL purchase for each of its self-build options? (9/06/01) | Will FPL incur any incremental annual fixed transportation cost for its self-build options? If so, how much? (9/06/01) | What maximum daily quantity will each plant proposed by FPL subscribe for on a firm basis on FGT? (9/06/01) | For each year, what capacity factor does FPL assume for each plant? For each year, how many starts per year are assumed? (9/06/01) | What construction index is used to escalate total direct costs? If more than one index applies, what are the appropriate weightings? What is the value of the index in the base year? How is the index applied? To the start of construction? Through construction? (9/06/01) | As a "Renewable, Energy Only" respondent under the RFP, I am concerned that a significantly larger percentage of contract cost (as compared to conventional generation) under a PPA could be disallowed by Florida Public Service Commission, or other jurisdictional entities. The resultant downward pricing adjustment could have far greater financial impact on proposed renewable projects (and their sponsor companies) than on conventional fossil fuel generation. | Is it FPL's intent that there be identical treatment for energy-only renewables under this

provision of the RFP, or can the cost recovery be tied to a different standard, such as FPL customer demand for renewable energy, renewable market maturity and liquidity in FPL and adjacent service territories, and/or other indices responsive to the renewable market? | It may be FPL's desire to address this level of detail through specific negotiation on a renewable PPA, however the recovery provision as stated seems to create a significantly greater barrier to entry for renewable developers in Florida's "Pre-Deregulation" environment. (9/12/01) | For the purposes of the performance, what relative humidity would you like us to use? (9/13/01) | We would like some direction on what constitutes multiple proposals, thus, requiring multiple evaluation fees. By way of specific example:a) If the proposer submits one Base-load and One peaking proposal from four separate facilities (two base-load and two peaking facilities) would this example be considered two or four separate proposals?b) To further complicate question a) above, if FPL is given the option to pick and | In our NOI filing, we indicated that our bid would be for a nominal amount of a specific technology at a particular location. Can we modify that without penalty or (9/14/01) | Developer A has submitted one or more NOI forms by the August 31st deadline and, therefore, is eligible to submit the same number of proposals in response to FPL's RFP. Developer B did not make the deadline for submitting an NOI and is not eligible to submit a bid, but wants to participate in the RFP. | Developer B has proposed the following approach to Developer A: | Developer A submits one more bid than A otherwise would submit (e.g., if A had submitted NOI forms for four proposals and A subsequently decided to submit only three proposals, A would now submit its three proposals plus an "extra" bid for Developer B.). This bid is the proposal that B wants to have submitted. | If this bid is short listed, then A will drop out of the picture and allow B to step in as sponsor/owner of the bid and enter contract negotiations with FPL. | What is FPL's view of this proposed approach? (9/14/01) | Form #5A requests that firm capacity be stated at 95 degrees for summer capability and 35 degrees for winter capability. Will FPL accept a winter rating at 45 degrees rather than 35 degrees? Also, can the heat rate guarantee be submitted at a temperature of 70 degrees rather than 75 degrees as listed on Form #5A? (9/19/01) | Important Notice (9/20/01)

Due Date Extension (8/26/01)

As we discussed in the bidder's conference and based on further review, we will extend the due date for proposals from September 14 to September 28th.

Questions should be submitted to us no later than September 21.

Purpose of RFP FAQ (8/22/01)

This space on Florida Power & Light's (FPL) Web site is dedicated to providing answers to relevant questions related to FPL's Request for Proposals (RFP) for Capacity and Energy.

All questions concerning the RFP are to be submitted to FPL's RFP Contact Person in writing (preferably by e-mail). These questions, and FPL's answers to these questions, will then be posted in this space so that all potential Bidders will have access to the same information in preparing their Bids.

FPL's intent is to regularly update this list of RFP Questions and Answers (as long as new questions are submitted) until the Proposal Due Date is reached. FPL will answer questions in the order they were submitted. New questions, and the answers to them, will simply be added to the

bottom of the previous listing.

What are FPL's street and mailing addresses? (8/22/01)

All overnight or express type mailing should be sent to FPL's street address to the attention of Steve Sim. FPL's street address is 9250 West Flagler Street, Miami, FL 33174.

All normal correspondence can be sent to FPL's mailing address which is P.O. Box 029100, Miami, FL 33102-9100. This correspondence should also be sent to Mr. Sim's attention.

What specific risks is FPL seeking to mitigate by terminating or shortening negotiated contracts upon deregulation of Florida's electric utility industry? What are their concerns? (8/26/01)

FPL may face a number of risks upon the advent of deregulation (e.g., loss of load, potential divestiture, overpayment, etc.). Because "deregulation" may take many forms it is impossible at this stage to ascertain the form and level of risks that may be faced by FPL. Accordingly, FPL is giving itself an option that allows it to mitigate some of those risks, once known.

Why did FPL limit its option to shorten contracts by half? What flexibility is FPL seeking in a contract to respond to deregulation? (8/26/01)

Because FPL may still have an obligation to serve in a deregulated scenario, FPL wanted an option that would allow it to reduce its contracted obligation, if necessary to meet its needs, without having to resort to full contract termination when such termination was not necessary.

Does FPL have a preference for a 3-year, 10-year or a longer-term contract? If so, why? (8/26/01)

FPL interprets this question to refer to power purchase proposals only. At this time, FPL prefers power purchase proposals with a 3 - to - 10 year time frame but will consider longer - term proposals. The 3 - to - 10 year time frame is currently preferred largely due to uncertainty in the Florida electric utility industry.

Do projects need to submit their application for the FPL's queue for generation interconnection prior to September 14? (8/26/01)

FPL does not require that a project submit a GIS application by any

specific date. However, FPL will look at a project's interconnection and/or transmission service request status to evaluate the likelihood that a project can meet FPL's needs on the required dates. Also as described in Section IIB of the RFP, all costs associated with the design, construction, operation and maintenance of the transmission interconnection facilities associated with the delivery of firm capacity and/or energy to FPL are the responsibility of the Bidder.

Please answer the following questions on FPL's "Next Planned Generating Units" as outlined in the RFP Tables VI: (8/26/01)

Are these projects wet cooled?

- All of FPL's "Next Planned Generating Units" are wet cooled. The cooling method for Martin No. 5, Martin No. 6, and the conversion of 2 Martin CT's to 1 CC unit is by cooling pond while the conversion of 2 Fort Myers CT's to 1 CC is by cooling tower. The cooling method for the Midway Combined Cycle is grey water or groundwater.

Are SCR's included in price and at what emissions level?

- SCR costs are included in the prices for all projects. The emissions level is 3.5 ppm for Nox.

What are the components of "total direct cost"? Does it include, for example, interest during construction, or transmission interconnection and upgrades? How were the costs arrived at and can a copy of the transmission study be provided?

- The components of "total direct cost" did not include interest. The costs did include gas expansion cost as well as estimates of transmission interconnection and upgrades/costs.
- A text listing the transmission work required to integrate each FPL project (transmission and substation) are shown in Section III.E - Transmission Plan - in FPL's 2001 Ten Year Site Plan (Site Plan). FPL did not receive a transmission study report detailing these costs; only cost value estimates were provided. The transmission line upgrades/work is also listed in Schedule 10 of the Site Plan and includes the associated costs. However, the cost for the associated transmission substation and fuel expansion cost work is not shown in the Site Plan.

Does FPL plan to share the expected transmission upgrade costs with the other developers upgrade costs that are in FPL's queue?

- FPL is not clear as to what is being asked. The transmission costs included for each project in Table VI are estimates only and are not based on formal requests for GIS or transmission service. FPL is also not aware what other developers are being referred to or what their upgrade cost may be.

Are costs included for land acquisition for the new CCGT facilities?

- The land costs for the new CCGT facilities are not included since FPL already owns the land.

Are the planning numbers provided the most current numbers that FPL are using internally? If no, will FPL provide up-to-date numbers?

- The planning numbers shown in the RFP are 2000-vintage numbers (as stated in the RFP). New planning numbers are still being developed by FPL and, once developed, will be used in the proposal evaluation. FPL may use current numbers that may become available at any time and is not prepared to provide these up-to-date numbers.

Has FPL placed orders for the gas turbines?

- FPL has ordered and committed gas turbines for the two CT - to - CC conversion projects listed on the RFP. Although FPL has not yet committed gas turbines for the three remaining projects shown in the RFP, FPL Group has ordered a sufficient number of gas turbines to cover these units as needed.

Will the FPL projects be required to meet all of the RFP requirements including the cost overruns and Completion Security Agreement?

- No

Will FPL have an independent consultant review all the RFP proposals including the FPL's projects?

- FPL has no plans at this time to have an independent consultant but reserves the right to bring one in at a later date.

Is the 7150 heat rate the guarantee point?, average?, degraded average? At what site conditions?

- The 7,150 Btu/kWh is the conceptual heat rate point for the FPL projects. This value is based on the following

site conditions: a 95-degree F. summer day, at 100% load, duct - fired with foggers.

Is the estimated annual levelized revenue requirement escalated over 25 years? If so is it escalated at the general escalation rate?

- The capital cost is escalated in the calculation of annual revenue requirements. The escalation rate varies by plant based on the cost percentages between labor and material for the particular plant.
- The annual levelized revenue requirement is then computed assuming a plant life of 25 years.

What is the meaning of "the annual value of deferral"?

- Value of deferral is a pricing mechanism designed to calculate the value of deferring a capital investment. This mechanism is typically used for determining capacity payments for projects which defer an "avoided unit" for a time period less than the plant life of the avoided unit. The value of deferral methodology calculates the capacity revenue stream in comparison to what the utility's cost would be if it constructed the avoided unit and added it to rate base.
- The year-by-years value of deferral of an avoided unit is the difference in revenue requirements associated with deferring the avoided unit one more year. The "annual value of deferral" specified on Table VI # 7 of the RFP for FPL's "Next Planned Generating Units" is the value of deferring that unit for the first year in-service.
- The VOD formula and a detailed explanation can be found in the Commission Rules Chapter 25-17.0832 (page 17-27).

What is the escalation rate used in calculating the annual value of deferral in (2005\$)? What would the values be in 2000\$?

- The annual escalation rate for plant cost used in the value of deferral calculation was 1.0%. A 2000\$ value would represent an early capacity payment. (Please see the response to the previous part of this question.) Such a calculation would be meaningless since the year 2000 has passed.

Does the estimated fixed O&M expense include estimated property taxes?

- The fixed O&M expense does not include property taxes. Property taxes are calculated based on the total capital cost and are included in the calculation of total revenue requirements for the plant.

Are overhaul expenses included in fixed or variable O&M estimates?

- The overhaul expenses are included in the fixed O&M.

Are start costs included in fixed or variable O&M estimates?

- No.

What is FPL's fixed forecast for natural gas in nominal \$ and 2000\$?

- FPL will use the then current forecast at the time the proposals are evaluated.

How does FPL calculate the fixed transportation rate for natural gas?

- FPL's fixed transportation rate for natural gas is based on several existing contracts with Florida Gas Transmission.

In the "Notice of Intent to Respond to the Solicitation" (NOI), if more than one proposal is being considered does it need to be listed in the NOI? (8/26/01)

Yes. A separate NOI form should be submitted for each proposal being considered. (Note that additional \$500 checks are not required for notice of additional proposals submitted by one potential Bidder. One \$500 check "covers" all NOI forms submitted by a specific Bidder. However, each actual proposal for firm capacity will require a separate \$9,000 evaluation fee.)

Will FPL issue a written list of all questions and answers? (8/26/01)

Yes. FPL will post all relevant questions, and the answers to them, on FPL's website. Instructions will be given at the 8/24/01 Pre-Bid Workshop as to how to locate these Q & A's on the website.

Does FPL require projects with a secondary fuel supply or a minimum storage of the primary fuel? (8/26/01)

No. Neither a secondary fuel supply nor a minimum storage of the primary fuel is an absolute requirement for a proposal. However, FPL will consider the security/availability of a proposal's fuel supply in evaluating proposals.

Will FPL give any indication of the relative value of projects connecting at various points in the system? (8/26/01)

FPL will not quantitatively evaluate proposed project locations, but recognizes that, in general, projects located close to FPL's Southeastern Florida load centers are preferred.

Will FPL accept proposals for contract extensions from parties with existing contracts? (8/26/01)

FPL will consider proposals for contract extensions from parties with existing contracts with FPL as long as such proposed extensions supply additional firm capacity starting by either June, 2005 or June, 2006.

Is there any specific weighting or scoring system of pricing and non-pricing factors? (8/26/01)

FPL does not have a pre-determined weighting or scoring system of pricing and non-pricing factors.

Please clarify the intent of item 8 of Minimum Requirements for Proposals, are LDs required upon the Proposal or upon execution of the contract? (8/26/01)

A Completion Security Agreement would be entered into upon execution of a contract. A Bidder must indicate on part (2) of Form # 7 whether the Bidder agrees or disagrees with the Completion Security Agreement provisions set forth in section IV.H. (2) of the RFP. If the Bidder disagrees, Form #7 requests the Bidder to present revised language concerning a Completion Security Agreement.

Will the provision in Section II.C.3 be mutual, i.e. the bidder will have the same options to terminate or shorten the contract? (8/26/01)

No. Because FPL is trying to protect itself against some currently unknown risks, it has proposed an option that may allow it to mitigate those risks when known. To allow a Bidder to exercise that same option could increase, rather than decrease, FPL's risks.

Will there be additional opportunities to ask questions at a later date? (8/26/01)

Yes. Questions may be asked in person at the Pre-Bid Workshop on 8/24/01. Additionally, questions may also be sent via e-mail (addressed to steve_r_sim@fpl.com) until three (3) days before the proposals are due. All relevant questions, and the answers to these questions, will be posted on the FPL website.

Can you clarify the intent of Section 9? It can be interpreted

**that these proposals must come from existing power plants.
Can proposals be made from proposed power plants?
(8/26/01)**

(FPL believes this question refers to "Minimum Requirement" #9, which appears on page 9 of the RFP). Proposals can be made from proposed power plants.

Do proposals require site control? (8/26/01)

FPL has not required that proposals include site control at the time of proposal submission. However, as with other aspects of a proposal, site control may assist in the evaluation of a project's feasibility and deliverability.

**Why such a short time line for submitting the proposals?
(8/26/01)**

FPL believes that one month should be sufficient time considering FPL's use of a simplified proposal format and the fact that numerous developers have announced plans in some detail for new power plants throughout Peninsular Florida.

Will FPL also extend the NOI deadline? (8/28/01)

No. The NOI deadline is unchanged. The deadline for getting the NOI form and \$500 check (made payable to Florida Power & Light Company) to Steve R. Sim at FPL is still at 4:00 p.m. this Friday, August 31, 2001.

**Will one \$500 NOI check cover all NOI financial obligations for all companies under the same corporate umbrella?
(8/28/01)**

No. Each separate company that plans to submit a bid needs to send both a separate NOI form and a separate \$500 check. In other words, one NOI form and check from one company does not "cover" any other company under the same corporate umbrella.

**Will one \$500 check from a company cover all NOI financial obligations for the company if different groups/departments of the same company wish to submit separate bids?
(8/28/01)**

Yes, as long as the bids will all come from the same company, and not from a separate but affiliated company, then one \$500 NOI check will suffice. However, a separate NOI form should be submitted for each separate proposal that is being considered by this company.

In the evaluation of its self-build option will FPL give its self build credit for wholesales power sales because those units (directly or because they created available wholesale capacity on other FPL resources) generate wholesale income? (8/29/01)

No. FPL will evaluate any self-build option as an option to serve FPL's native load.

Will the same treatment/evaluation be given to the RFP proposals? (8/29/01)

Yes. All options will be evaluated as an option to serve FPL's native load.

If FPL run-hours cause a facility to perform maintenance during the December to September time period will the down time cause a reduction to the capacity payment due to the Seller? (8/29/01)

This issue will be addressed in the negotiations stage. However, based on the use of a formulaic approach it is likely that monthly capacity payments may be impacted if maintenance is performed during either summer or winter peak periods.

How does FPL define force majeure as it relates to both power and gas? (8/29/01)

Force majeure will be defined at the contract negotiation stage

The RFP provides FPL with an option to extend existing purchase contracts. Does FPL have existing purchase contracts set to expire within the time frames outlined in the RFP? (8/29/01)

Yes. FPL has two such contracts.

If so, approximately how many MW are represented by these contracts? (8/29/01)

These two contracts represent approximately 450 MW (Summer).

Is FPL considering expansion of their Pt. Everglades and Lauderdale Plants? If so, how much more output? (8/29/01)

Expansion at these two plant sites is not currently part of FPL's official capacity expansion plan. (Please refer to FPL's 2001 Site Plan).

Will FPL provide a copy of the type of "regulatory Out" clause(s) that it has used in past contracts (post on the web site)? (8/29/01)

FPL plans to post a sample "regulatory out" clause at this web site over the next few days.

Will the 390 day requirement be terminated once a bidder fails to make the short list? (8/29/01)

No. The requirement will not automatically be terminated. However, FPL will consider requests to terminate from Bidders who do not make the short list on case-by-case basis.

If not, may the bidder be able to sell a portion of the MW's bid? (8/29/01)

FPL will consider releasing a block upon specific request by a Bidder. Please see the answer to the previous question.

Is the fuel price used in the FPL self-build assumptions an existing FPL contract price or is it based on an index? If it is based on an index, and if so, what is the index? If the fuel price is index-based, what is the escalation rate used during the life of FPL's self-build option? (8/29/01)

No FPL self-build evaluations have yet been made. Self - build evaluations, and evaluations of all proposals which do not include a guaranteed fuel price, will be based on a fuel forecast to be developed by FPL.

Since the results of transmission (i.e. Oasis) studies take a few months to get, the proposal may come to FPL with the status of transmission being unknown. How does FPL propose that bidders address this issue in their bid(s)? (8/29/01)

Transmission GIS costs are the Bidder's responsibility and these interconnection cost estimates are to be included in the Bid.

Transmission integration costs will be unknown for some, if not all, Bidders. Transmission integration costs will be addressed after a short list of proposals is announced.

Will the bids be kept confidential? If not, will there be an opportunity for bidder to review competing bids? (8/29/01)

All information on bids that is clearly indicated as confidential will be treated as confidential. Please refer to pages 19 & 20 in FPL's RFP.

Page 15 of the RFP, 3rd full paragraph speaks to emission allowances or credits. Is FPL aware of any requirements for a Florida based facility to secure such allowances or credits? (8/29/01)

The statement refers to emission allowance requirements such as the SO₂ allowances required by the federal Clean Air Act. Determining the requirements for a proposed facility is the responsibility of the Bidder. Bid prices must cover the costs of these requirements, if any.

Is there a renewable or DSM program available outside of this RFP? If yes, who do we contact? (8/29/01)

FPL has many DSM programs but it currently has no generally applicable renewable energy programs outside of this RFP. However, FPL has a cogeneration program under which it could sign contracts with Qualifying Facilities for renewable energy.

Where can we find the formula to determine a deferred or avoided cost? (8/29/01)

The Value of deferral (VOD) formula can be found in the Florida Public service Commission's Rules, specifically Rule 25-17.083216), Florida Administrative Code.

FPL will post this formula on this web site at a later date (i.e., after the bulk of these questions have been answered).

Could you please comment on the need for the bid to remain open for 390 days? (8/29/01)

The 390 day period is designed to keep Bids intact and firm through the need/cost recovery hearings, both for the winning bid and bids that may be utilized as backup in case winning bids are rejected by FPSC.

Will FPL entertain a renewable proposal (landfill gas generation) that contemplates a block of renewable generation delivered from multiple sites within the 2003 to 2005 window? (8/29/01)

FPL would consider a proposal for energy (MWH) delivered from new landfill gas facilities at multiple sites within the 2003 to 2005 time frame.

Are costs associated with existing infrastructure at FPL

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facilities (i.e. existing combustion turbines) being evaluated and included as part of FPL's self-build options? If so, what are the cost assumptions being used for this existing infrastructure? (8/29/01)

FPL has not yet evaluated its self-build options. When this evaluation is performed, all incremental costs will be included in the evaluation.

What type of dispatch model will be used? Will all details be revealed to the short list for use during negotiations? (8/29/01)

The EGEAS model from Stone & Webster will be the primary evaluation tool. FPL does not intend to reveal details of other options, including FPL self-build or contract extension options, during negotiations.

If FPL decides to allocate its low-cost gas supply (fuel and/or transportation capacity) to the FPL self-build option, would FPL have to purchase additional fuel at market prices for use at other existing FPL facilities? In other words, has FPL used its lowest cost existing fuel supplies as the assumption for its self-build option? (8/29/01)

FPL has not yet evaluated its self-build options. When such an evaluation is performed, all incremental fuel transportation/delivery costs for fuel needed for new FPL capacity will be "charged" to the self-build options. Additional fuel commodity will also be needed and fuel will be dispatched based on system economics throughout FPL's system. The resulting fuel commodity costs for new FPL capacity will also be "charged" to the self-build options.

If a capacity proposal would not otherwise require a public notice under Rule 25.22-082 FL Administrative Code will FPL still require a public notice? (8/29/01)

No.

How is FPL going to evaluate the proposals it receives? Will the same factors, standards, and weights be used to evaluate the proposals submitted in response to the RFP as will be used to evaluate the FPL self-build options? What are the factors, standards, and weights that will be used to evaluate the proposals? (8/29/01)

The general evaluation approach is described on pages 20 -22 of the RFP. FPL does not plan to use weights or factors in its evaluation. FPL intends to use the same assumptions/forecasts in evaluating the Bids

received, FPL's self-build options, and extension options to existing FPL contracts to the extent applicable.

Why is landfill gas considered renewable if MSW combustion is not? (8/29/01)

The renewable portion of FPL's RFP request is the result of a DSM goals docket stipulation. In this stipulation, landfill gas was considered a renewable source while MSW was not. FPL's RFP follows the language/direction of that stipulation.

Would FPL be interested in a structure pursuant to which they contributed turbines to the project? (8/29/01)

No.

Given the short response time, by what date does FPL expect to have the Q&A from pre-bid meeting posted on the website? (8/29/01)

FPL began posting RFP Q&A's on Tuesday morning, August 28th. Additional Q&A's will be regularly posted. Please note that on Monday August 27th, FPL extended the Proposal Due Date (only) by two weeks to 4:00 p.m. on September 28th.

The PSC is reviewing the interconnection and net-metering of small DG technologies. It is expected to make a ruling on these issues later this year or the beginning of next. Will FPL consider net-metering as part of this proposal? (8/29/01)

No.

Concerning the newspaper announcement-when is any announcement to be made? After bid award? (8/29/01)

The rule states ... "no later than 10 days after the date that proposals are due." FPL understands that the notice is to be provided within ten days of the date responses to the RFP are due. Please note that evidence of these notices is to be forwarded to FPL.

A number of items made in the assumptions by FPL are beyond the control of any individual Bidder or FPL and will impact all bidders and FPL self-build options equally (i.e. natural gas prices, inflation, labor costs) will FPL make uniform assumptions from the bidders responses and its self-build option? If FPL changes the assumptions they are

making for its self-build options, will FPL make uniform changes to the same assumption in the bidder's proposals? Will FPL make the assumptions it is using regarding these items referenced above for its self-build options available to potential bidders? If so, when. (8/29/01)

FPL will use the Bidder's proposed pricing without getting to underlying assumptions such as labor costs, etc. (unless a bid is so low that FPL feels there is a need to review underlying data to test feasibility or viability). FPL will use the Bidder's gas price if guaranteed; otherwise it will use its own fuel forecast (which will also be used for evaluation of FPL's self-build options.). FPL has not yet finalized its assumptions/forecasts and does not intend to make these available to potential Bidders.

With respect to Renewable Projects, (Energy Only), will FPL require a corporate guarantee (Form # 4), Financial information). Or can the developer consider limited recourse financing? (8/29/01)

Some form of guarantee will be needed. FPL wants to avoid signing up customers for a potential Green Power program and then find that it has no renewable-based MWH to provide. If a renewable project Bidder takes exception to this corporate guarantee, it may propose another approach on the Exceptions Form (Form #9)

Since the FPL Green Power Program is not yet clearly defined will you consider proposals separate from this RFP? If so, do you have a specific group that is coordinating this effort? (8/29/01)

Yes, but only after proposals received in response to this RFP are evaluated and, as applicable, utilized. Renewable project developers that are interested in submitting proposals to FPL separate from the RFP may contact Steve Sim after the RFP's Proposal Due Date.

Describe conditions of regulatory out; will FPL assume any regulatory risk? (8/30/01)

FPL has posted a sample regulatory out clause from a prior contract in response to a previous question. Regulatory out issues will be addressed with bidders on the short list during the contract negotiation phase of the RFP. The risk to be assumed by each Party will be addressed then. Note that the final regulatory out language contained in the Purchase Power Agreement may be completely different from the sample posted.

If the FPSC allows recovery of less than 100% of the winning bidder's contract cost, what steps would FPL

expect to take? Would the contract be reopened and renegotiated? Will the bidder be able to withdraw its proposal if the modifications required are not attractive? (8/30/01)

Generally, purchase power contracts are entered into contingent upon FPSC approval without changes or modifications that are unacceptable to the parties. The effect of an FPSC rejection would have to be addressed after such rejection and may be a function of the contract language contained in the Purchase Power Agreement.

Page 28 and 29 of the bid document addressing Form # 6B states "... (with the transmission interconnection price component also separately identified)* then states "transmission integration cost with FPL system will be addressed at a later date after identification of a short list of bidders". These two statements seem somewhat inconsistent. Please explain what is expected regarding transmission interconnection price and transmission integration costs with FPL system. (8/30/01)

The Bid price must include transmission interconnection costs. (FPL wants to see this price separately identified on Form # 6B.) However, the Bid price does not need to address transmission integration within FPL's system (the bidder is still responsible for all cost associated with delivering power to the FPL interface). FPL's integration cost will be addressed later once a short list has been named.

The RFP contains language regarding liquidated damages. Why did FPL decide to include a liquidated damages provision as compared to having the market price establish FPL's anticipated damages. (8/30/01)

The Completion Security is the applicable provision within FPL's RFP. Market prices are difficult to forecast and FPL felt that the Completion Security provision was an appropriate one for inclusion in its RFP.

Since one delivery option is to deliver to FPL's interface with another control area, if the transmission service and ancillary service costs change as a result of an RTO regime (e.g. load pays for RTO transmission costs) will the bidder and FPL share the cost increases or decreases or will the bidder always be exposed to the increased costs and the benefit of decreased costs? Or will FPL absorb all costs and benefits? (8/30/01)

FPL requires that power be delivered to FPL's interface if the power is coming across other systems. All costs to deliver the power to the interface are the Bidder's responsibility and must be included in the Bid. Transmission service within FPL's system will be addressed later.

What would be the advantage to FPL of an offer for capacity that would not require a need determination i.e. the merchant plan provides less than 75 MW of steam based generation and would you shorten the 390 days requirement? (8/30/01)

Of course, without seeing a proposal FPL cannot state what advantages or disadvantages a proposal might offer. It is conceivable that a proposal from a plant that does not require a determination of need might shorten the timeline necessary to bring it in service or allow FPL to avoid costs of being co-applicant, but without more information FPL cannot determine if there would be offsetting concerns or disadvantages.

For FPL's self-build options that involve conversion of existing resources, are the conversion costs considered? If so, how are they considered and what are these costs? (8/31/01)

FPL has not yet evaluated its self-build options. The "next planned generating units" shown in the RFP contain two CT-to-CC conversion options from FPL's 2000 resource planning work. The capital costs listed for these two conversion options are the conversion costs. Each conversion includes the addition of two heat recovery steam generators, one steam turbine, one electric generator, and transmission costs.

Page 17 of the RFP appears to address a "legislative out" clause if the 75 MW limitation contained in the Power Plant Siting is changed. This clause imposes a great deal of risk on a potential bidder. What is FPL's position as to whether the 75 MW limitation on steam fired power should be changed. If FPL favors a change, what change would it seek? (8/31/01)

In regard to this RFP, FPL is not taking a position as to whether this 75 MW limitation should be changed.

Would pricing for different terms be considered separate bids? (i.e. 3yr, 5yrs 10yr.)? (8/31/01)

FPL will consider one or two pricing proposals for the same amount of capacity or the same facility as one bid which requires one \$9,000 evaluation fee. A third pricing proposal for the same amount of capacity or facility will be considered a second bid which requires its own \$9,000

evaluation fee. Each additional pricing proposal would require its own \$9,000 fee.

Since we are competing with a self-build, how does FPL plan to monetize the options to terminate upon wholesale power legislative change? If you self-build, you will not have this option. How will you credit IPP's for offering this? (8/31/01)

FPL currently does not intend to monetize options such as the one mentioned above or options to sell off, fuel switch, etc. any self-build project.

On Form 5A, what is a turnaround rate? MW/minute (8/31/01)

"Turnaround rate" refers to how quickly a generating unit can "reverse direction"; i.e., how quickly it can begin ramping down if it is now ramping up and vice versa. FPL's Form #5A has requested that this information be provided in terms of MW/minute, but FPL will also accept an answer in terms of the number of seconds (or minutes) the turnaround takes.

Is FPL's request for an evaluation fee a typical purchasing practice? If not, why is this purchase being charged a fee? Justify why this practice does not harm least cost buying practice? (8/31/01)

Yes. Proposal evaluation fees for Bids submitted in response to recent RFP's issued by Gulf and FPC were \$8,000 and \$10,000 respectively. FPL's RFP seeks the best proposals while seeking to cover the costs of proposal evaluation and potential negotiations.

When will further details of FPL "Green Program" be available? (8/31/01)

FPL has not yet determined if it will offer a Green Program. This determination will be made after the renewable energy bids are evaluated and the market surveys are completed.

Will FPL consider a bid from an existing biomass plant EWG, non-QF, less than 50 MW and located 300 miles outside the Miami metropolitan area? If so, is there any expectation of a favorable consideration? (8/31/01)

FPL will consider a renewable energy only bid from such a facility, but will not consider a firm capacity bid from the same facility. (Please refer to page 8 of the RFP.) FPL cannot provide a meaningful comment now on how competitive such a bid may be since neither this bid nor competing bids have been received.

Does FPL have a Green Pricing tariff? If not, does it plan to seek such a tariff? If yes, approximately when will it seek such a tariff? (8/31/01)

No such tariff yet exists. If the RFP bids and market surveys show that such a program can be successful, and other programs feasibility issues are resolved, a tariff would be likely be sent for FPSC approval next year (in 2002).

Just another request for more time. Two week extension would help a lot, especially with the performance security issues. (8/31/01)

FPL has already announced that the Proposal Due Date, originally set for September 14th, has been moved back to September 28th. No other due dates - including the August 31st date for notifying FPL of the intent to bid - have been changed.

Does restart of a presently mothballed biomass facility qualify as "new"? (8/31/01)

No.

Firm capacity is defined as? >89% Avail >90% avail >93% Avail >98% Avail (8/31/01)

"Firm capacity" proposals are not defined by an "availability" value. A proposal is deemed a "firm capacity" proposal if the capacity (MW) in the proposal is solely dedicated to FPL and meets other RFP and/or contract requirements.

FPL states that no maintenance can be scheduled during Jan, Feb, Jun - Sept and Dec. Since FPL wants full dispatchability and since many of the turbine (and other component) maintenance are run-hour dependent, how would FPL treat a seller who must do maintenance during these months because of FPL run-hours? (8/31/01)

No planned maintenance may be scheduled during these months. Maintenance outage hours (i.e., unplanned outages) will need to be coordinated with FPL' System Control Center.

What, specifically, are the operational requirements listed in the "Minimum requirements for Proposal" section, item number 7? Will these be made available to the bidders? When? (8/31/01)

FPL's RFP requests that Bidders address seven (7) operational facets of their proposal on part 2 of Form # 5A. These seven (7) operational facets are listed/briefly discussed on pages 25 - 27 of the RFP.

Would FPL consider proposals for peak mitigation (load shedding) using renewables or storage as part of the RFP. (8/31/01)

No, not as part of this RFP. FPL is after energy (MWH) delivered from renewable energy sources. DSM-type proposals (i.e., load shedding) are not being sought by this proposal.

Can we get information on dispatching of existing FPL units and purchase contracts? (8/31/01)

No. A projected dispatch of the FPL system components has not yet been conducted. This will be conducted as part of the economic evaluation of the proposals received in response to the RFP.

What is the expected dispatch and capacity utilization of capacity submitted under this bid? (8/31/01)

The projected dispatch and annual capacity factors for proposals submitted in response to this RFP will be economically driven by the proposals' pricing and operational information. These projections will be made as part of the economic evaluation of the proposals received in response to this RFP.

Is there any GWH load forecast that can be used to analyze the optimum configuration of generation (i.e. simple cycle vs ccgt)? (8/31/01)

FPL will finalize a load forecast for purposes of proposal evaluation at the time proposal evaluation begins.

For the renewables, what surveys were done? Is this information available? What will customers pay? (8/31/01)

FPL has reviewed a number of surveys that have been conducted nationwide and is now conducting surveys that are Florida-specific. This information, including what customers may be willing to pay, is not available.

You stated a \$9,000 fee is applicable to firm capacity and energy proposals. Thus, is it correct that this fee is not applicable to renewable or turnkey proposals? (8/31/01)

The \$9,000 evaluation fee is not applicable to renewable energy only proposals but is applicable to all firm capacity proposals whether power purchase, turnkey, or renewable-energy-based.

Will you supply a list of the Brownfields (Greenfields) locations and their conditions? (8/31/01)

No. Site location is the responsibility of each developer.

Will FPL consider an existing plant that generates power using biomass as a renewable energy source or does the plant have to be new-that is coming on-line at the beginning of the FPL RFP term? (8/31/01)

FPL will not consider a proposal from an existing biomass plant.

What are the interconnection requirements for the renewables (D.G. technologies)? (8/31/01)

This question should be posed to Tom Sanders of FPL's Transmission Operations and Planning department. Mr. Sanders' phone number is (305) 442-5922.

If capacity is included with a renewable bid, is \$9,000 required? (8/31/01)

The \$9,000 evaluation fee for evaluating firm capacity proposals is required if the proposal is bidding for the 1,750 MW of firm capacity needs. This evaluation fee is not required if the proposal is intended to address energy only from renewable sources but the bid included capacity values in the bid for purposes of stating capacity payment price in addition to energy price payments.

What preference does FPL have for getting capacity on-line prior to the dates set forth in the RFP? Is this weighed into the evaluation of the proposals? If so, how? (8/31/01)

FPL does not have a set preference level or weight for firm capacity delivery earlier than the dates set forth in the RFP, but will consider earlier delivery as Bids are evaluated.

I noticed that FPL wants bidders to submit their own fuel supply forecast. Does this imply that FPL will not entertain a proposal that incorporates fuel tolling? If FPL will entertain fuel-tolling proposals, how does FPL propose that fuel tolling bids be submitted? (8/31/01)

FPL does not want Bidders to supply their own fuel forecasts. If a Bidder wishes to guarantee fuel commodity and transportation prices as part of its Bid, then FPL requests that this information be provided on Form # 6A. FPL will not entertain proposals that incorporate fuel tolling.

Within the preferred 3 to 10 year term, is there any preferred length? (8/31/01)

No.

For a capacity bid using a renewable energy source, can the bid start in 2003 or does it have to start in 2005? (8/31/01)

FPL will consider firm capacity bids prior to 2005, whether from renewable or non-renewable energy sources.

What constitutes another proposal that requires another \$9,000? How much optionality can be provided in a single response? (i.e. nominate up to x MW in 2005 and Y MW in 2006). (8/31/01)

FPL will consider as "one bid" a proposal which is based on one specific capacity source/facility and which has one or two pricing offers. For example, offering capacity from a specific facility with one pricing if the capacity delivery starts in 2005, and another pricing if capacity delivery starts in 2006, will be considered as one bid. Each additional facility or source, and each additional pricing offer, will be considered a new and separate bid that will require an additional \$9,000 evaluation fee.

Is the option to modify permit application only applicable in the option to buy scenario? When would FPL expect to enter into actual power purchase agreements? (8/31/01)

Yes, this requirement applies only to turnkey Bids. Whether FPL enters into any power purchase agreements is dependent upon the proposal evaluation results and contract negotiations which may follow. FPL expects that any agreements reached would be reached by approximately March, 2002.

Will alternative pricing structure be considered separate bids? What is FPL's definition of QF and is it consistent with PURPA? (8/31/01)

FPL will consider as "one bid" a proposal which is based on one specific capacity or energy source/facility and which has one or two pricing offers. Additional pricing offers will constitute separate bids that require an additional \$9,000 evaluation fee each.

FPL's definition of a QF is identical to PURPA's definition.

**Does FPL prefer fuel type (pipeline, LNG, oil, etc) or source?
(8/31/01)**

FPL has no predetermined preference as to fuel type or source.

**Will bids that take exception to the 390 day open period specified in item K on page 31 of the RFP be disqualified?
(8/31/01)**

No. Bids that take exception to this period and that propose alternative language will not be disqualified. However, as with all exceptions taken on Form #9A, such an exception will be a consideration in the evaluation of the proposal.

Will proposals with a term that is longer than ten (10) years be rewarded or penalized? (8/31/01)

FPL does not plan to "reward" or "penalize" proposals with terms longer than ten (10) years. FPL has reserved the right to consider or decline to consider such proposals. (Please refer to page 4 of the RFP.)

Does the Rule 25-22.082, Florida Administrative Code, requirement apply to existing units(s) or to unit(s) that have already been announced? (8/31/01)

Rule 25-22.082(5), Florida Administrative Code requires participants in a RFP to publish notice for the "the participants proposed generating facility." Ultimately, it is the Commission, not FPL, that will interpret the scope of this rule, so any reliance upon this answer rather than asking the Florida Public Service Commission is at your risk. FPL reads the notice requirement of Rule 25-22.082(5), Florida Administrative Code as not applying to existing facilities already generating electricity. It is unclear whether units already announced are "proposed generating facilities" within the meaning of the rule. Given that uncertainty, FPL believes a notice should be published even for previously announced units.

Will FPL consider signing a 20 year PPA that remains in effect even if the FPSC repeals the statutory barrier to merchant combined cycle plants? (8/31/01)

FPL has not proposed such an approach in this RFP and has not determined if it would consider such a proposal.

What is meant by "new" renewable sources? Are

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renewables exempt from project cancellation due to deregulation? (8/31/01)

Renewable energy sources include, but are not necessarily limited to, solar, biomass, landfill methane, wind, and low impact hydro. "New" projects mean projects based on new facilities (i.e., facilities not currently existing). The potential impacts of deregulation on FPL purchases of renewable energy only, and FPL's potential response to deregulation, will be addressed in any contract negotiations.

How does FPL propose to address transmission credits associated with a Bidder's "system upgrades" resulting from a Bidder's GIS request? (8/31/01)

As FPL understands this question it refers to credits a generator may receive under existing Open Access Transmission Tariff (OATT) policies towards future transmission service because that generator paid for transmission system upgrades as part of its interconnection. To the extent that FPL enters into a contract with a generator that then becomes an FPL designated network resource and that generator would have received credits towards future transmission service as specified above, but that credit instead is now received by FPL as the transmission customer, FPL will credit the net amount actually received in transmission credits (net of applicable taxes) towards the generator's payments under the contract.

What is the value of deferral formula? (8/31/01)

The following is the value of deferral formula per the Florida Public Service Commission Rule 25-17.0832 (6)(a); Florida Administrative Code:

Calculation of year-by-year value of deferral. The year-by-year value of deferral of an avoided unit shall be the difference in revenue requirements associated with deferring the avoided unit one year and shall be calculated as follows:

$$VAC_m = 1/12[KI_n(1 - R)/(1 - R^L) + O_n]$$

Where, for a one year deferral:

VAC_m = utility's monthly value of avoided capacity, in dollars per kilowatt per month, for each month of year n;

K = present value of carrying charges for one dollar of investment over L years with carrying charges computed using average annual rate base and assumed to be paid at the middle of each year and present value to the middle of the first year;

$$R = (1 + i_p)/(1 + r);$$

I_n = total direct and indirect cost, in mid-year dollars per kilowatt including

AFUDC but excluding CWIP, of the avoided unit with an in-service date of

year n, including all identifiable and quantifiable costs relating to the construction of the avoided unit that would have been paid had the avoided unit been constructed;

O_n = total fixed operation and maintenance expense for the year n, in mid-year dollars per kilowatt per year, of the avoided unit;

i_p = annual escalation rate associated with the plant cost of the avoided unit(s);

i_o = annual escalation rate associated with the operation and maintenance expense of the avoided unit(s);

r = annual discount rate, defined as the utility's incremental after tax cost of

L = expected life of the avoided unit; and

n = year for which the avoided unit is deferred starting with its original anticipated in-service date and ending with the termination of the contract for the purchase of firm energy and capacity.

Question from August, 24th Workshop -What is included in the levelized revenue recovery amounts? Is it based upon a rate recovery methodology and include all O&M, depreciation, interest, rate of return, capital recovery, fuel, etc? What are the number of MWhs associated with the revenue recovery amounts? (8/31/01)

The estimated annual levelized revenue requirement value includes all projected capital costs, interest, AFUDC, depreciation, deferred taxes, property taxes and insurance. It does not include fixed O&M, variable O&M, or fuel costs. There are no MWh associated with the revenue requirement projection since the value is capital cost-based.

Question from August, 24th Workshop - Is the direct cost detailed in the back of the RFP the total cost that FPL will seek for recovery in rates, or is there additional indirect cost that will be included? (8/31/01)

The "next planned generating units", and their associated costs, in the back of the RFP represent the results of FPL's 2000 resource planning work. They do not necessarily represent self-build options which FPL may evaluate versus proposals received in response to this RFP. Only after all proposals, self-build options, and contract extensions are evaluated, and negotiations (as applicable) are completed, will FPL reach decisions regarding cost recovery.

Question from August, 24th Workshop - In the planned unit data, does the annual levelized revenue requirement include fixed O&M, variable O&M, or interconnection costs (gas and transmission)? (8/31/01)

The estimated annual levelized revenue requirement value does not include fixed O&M, variable O&M, or fuel costs. The value is for all capital costs including incremental generation, transmission interconnection, and gas expansion costs.

Question from August, 24th Workshop - The direct construction costs of \$363/kW for the FPL self-build option at Midway seems very low. Experience in the industry has shown the actual price should be closer to \$500/kW. What is the basis for the price estimate for the FPL self-build option for Midway? What is included, specifically, in this price estimate number? (8/31/01)

The \$363/kw value for FPL's projected Midway CC unit referred to in the question appears to be quoted directly from FPL's 2001 Ten Year Power Plant Site Plan (and can also be calculated from the RFP by dividing the direct cost value by the summer capacity rating.) The value represents direct construction costs. The basis for the cost estimate is a two CT-based combined cycle which is duct-fired. The cost estimate includes the combustion turbines, heat recovery steam generators, steam turbine, electric generators, and applicable transmission and gas interconnection costs.

Question from August, 24th Workshop - What are your capacity factor assumptions used to arrive at variable O&M? What number of starts are assumed in each? (8/31/01)

The variable O&M cost estimate is based on a 96% capacity factor and 100 starts per year (although the start costs are a very small contributor to the estimated annual variable O&M costs).

Question from August, 24th Workshop - For FPL's self-build options that involve conversion of existing resources, are

the conversion costs considered? If so, how are they considered and what are those costs? (8/31/01)

FPL has not yet evaluated its self-build options. The projected costs for "next planned generating units" shown in the RFP which involve the conversion of combustion turbines into combined cycle units include all estimated incremental capital costs necessary for the conversion. These costs are from FPL's 2000 resource planning work. These capital costs are for the heat recovery steam generators, steam turbine, electric generator and incremental transmission and gas interconnection costs.

Question from August, 24th Workshop - Can FPL provide the value of deferral for years beyond the first year of deferral? (8/31/01)

The value of deferral (VOD) formula and a detailed explanation can be found in the Commission Rules Chapter 25-17.0832 (page 17-27). FPL is also posting the VOD formula on the website as a separate Q&A.

With the data shown on Table VI of the RFP and Schedule 9 of FPL's 2001 Ten-Year Site Plan (Site Plan), the value of deferral can be calculated by a prospective Bidder for any desired number of years beyond the first year of deferral for each of FPL's "next planned generating units" found in the RFP.

Question from August, 24th Workshop - Is the fuel price used in the FPL self-build assumptions an existing FPL contract price or is it based on an index? If it is based on an index, what is the index? If the fuel price is index-based what is the escalation rate used during the life of FPL's self-build option? (8/31/01)

FPL has not yet evaluated its self-build options. The "next planned generating units" shown in the RFP, and their associated costs, represent the results of FPL's 2000 resource planning work. The fuel cost values shown in the RFP for these "next planned generating units" are from a fuel forecast developed by FPL in 2000 for the 2000 resource planning work.

FPL will use a new fuel forecast for evaluating proposals received in response to this RFP, its self-build options, and extensions to existing contracts. That fuel forecast has not yet been developed and will not be made available.

Question from Pre-Bid Workshop- Does additional capacity expansion at an existing biomass site qualify as new? (8/31/01)

The existing capacity would not qualify. Modifications to the existing facility would also not qualify. New facilities at the same site may or may not qualify. FPL suggests that the party posing this question submit an additional question(s) offering further information to FPL if additional clarification is desired.

Question from Pre-Bid Workshop- Will the short list be announced? If a proposal is not short-listed, does the 390 days firm still apply? How will a proposal know it is not under consideration? (8/31/01)

The short list will be announced. The 390 days still applies for those proposals not short listed, but FPL will consider requests from the Bidder to withdraw/terminate these proposals on a case-by-case basis after the short list is announced. Proposals may also take exception to the 390 days period using Form #9. A Bidder will know that a proposal is not on the short list once the short list announcement has been made. However, some proposals not on the short list may remain under consideration in the event negotiations fail with a Bidder on the shortlist or other complications arise.

Question from Pre-Bid Workshop- When FPL goes before the FPSC in May, 2002, what is FPL attempting to achieve at that time? Is the awarding of a winning bid and FPL's going before the FPSC a guarantee that FPL will activate the winning bid given that the Seller holds up his responsibilities? (In other words, is there a potential for someone to spend dollars or construct new plant to serve FPL and FPL walks away, in whole or in part, from the deal in 2003 or 2005)? (8/31/01)

First, FPL is not guaranteeing that there will be a contract, nor that the contract may not terminate according to its terms. FPL anticipates having a contract before going to the Florida Public Service Commission, but envisions performance under that contract being contingent upon Commission approval. The current schedule shows that FPL may seek either or both a determination of need or approval of cost recovery from the Florida Public Service Commission in May 2002. A determination of need will be required for any new unit falling within the Florida Power Plant Siting Act. If a proposal is from a unit not covered by the Act, no determination of need will be sought or required. For units that require a determination of need, failure to secure a determination of need will be grounds for FPL to "walk way". FPL also may file in May, 2002 petitions for Commission approval of cost recovery for winning proposals other than self-build options. Failure to secure such approvals will be grounds for FPL to terminate such an agreement.

Question from Pre-Bid Workshop- Would you consider a

waste-to-energy facility as a renewable resource? (8/31/01)

For the purposes of this RFP, a new Municipal Solid Waste-to-Energy facility would not be considered a renewable source. However, a "biomass waste"-to-energy facilities (using wood chips, crop residue, etc.) would be considered a renewable source. Note that only new renewable energy facilities are eligible under this RFP.

Which is the Docket number where goals for DSM and renewables were set? (9/04/01)

Numerical DSM Goals were last set for Florida's four largest investor-owned electric utilities by the Florida Public Service Commission (Commission) in docket number 971004 -EG. The Commission approved FPL's DSM Plan to meet these numeric goals in docket number 991788-EG.

These goals are for demand side management (DSM) programs. There are no specific renewable energy-based goals. However, the Commission approved the Joint Motion to Approve a Stipulation by FPL and LEAF (Order No. PSC-99-1412-S-EG in docket number 971004-EG). This Stipulation, in part, stated that FPL agreed to investigate, and, if feasible, develop various energy-efficiency measures including "green" pricing.

Please briefly describe FPL's "cogeneration program under which it [FPL] could contract with QFs for renewable energy"? Is there a contact person ? (9/04/01)

FPL's QF program is not limited to energy from renewables. FPL continues to negotiate with QFs individually in addition to making available, periodically, a Standard Offer Contract to those QFs that meet the requirement for such Standard Offer. The contact person for questions related to this is Delia Perez-Alonso 305-552-3227.

Finally, FPL is also exploring the potential for renewable energy projects to contribute to FPL's energy mix. The information obtained from the RFP will be combined with marketing information related to interest by FPL customers to purchase blocks of energy from renewable resources at an identified price. At this time FPL does not have a program to "contract with QFs for renewable energy". As with all other questions related to the RFP, inquiries related to renewables should be addressed to Steve Sim.

What is FPL's schedule for seeking recovery of costs from the PSC? If the PSC denies recovery one year into the contract, does FPL want immediate termination? (That would not be nice.) (9/05/01)

FPL intends to seek cost recovery and/or need determination in 2002. If cost recovery is obtained from the FPSC, FPL does not envision the FPSC reversing themselves one year into the contract absent serious contract non-compliance or other occurrences which the contract terms and conditions may be designed to address anyway.

Regulatory Out Clause (9/05/01)

The Regulatory Out language being provided should be interpreted as no more than an example. FPL reserves the right to provide language that differs either partially or in its entirety from the example provided during the negotiating phase of the RFP.

SAMPLE LANGUAGE

xxx Notwithstanding anything to the contrary in this Agreement, if FPL, at any time during the term of this Agreement, fails to obtain or is denied the authorization of the FPSC, or the authorization of any other legislative, administrative, judicial or regulatory body which now has, or in the future may have, jurisdiction over FPL's rates and charges, to recover from its customers all of the payments required to be made to the Authority under the terms of this Agreement or any subsequent amendment hereto, FPL may, at its sole option, adjust the payments made under the Agreement to the amount(s) which FPL is authorized to recover from its customers. In the event that FPL so adjusts the payments to which the Authority is entitled under this Agreement, then, without limiting or otherwise affecting any other remedies which the Authority may have hereunder or by law, the Authority may, at its sole option, terminate this Agreement upon xxx xxx xxx written notice to FPL. If such determination of disallowance is ultimately reversed and such payments previously disallowed are found to be recoverable, FPL shall pay all withheld payments, with interest at the rate of xxx per annum. The Authority acknowledges that any amounts initially received by FPL from its ratepayers, but for which recovery is subsequently disallowed and charged back to FPL, may be offset or credited, with interest at the rate of xxx per annum, against subsequent payments to be made by FPL to the Authority under this Agreement.

If, at any time, FPL receives notice that the FPSC or any other legislative, administrative, judicial or regulatory body seeks or will seek to prevent full recovery by FPL from its customers of all payments required to be made under the terms of this Agreement or any subsequent amendments to this Agreement, then FPL shall, within xxx days of such action, give written notice thereof to the Authority. FPL shall use its best efforts to defend and uphold the validity of this Agreement and its right to recover from its customers all payments required to be made by FPL hereunder, and will cooperate in any effort by the Authority to intervene in any proceeding challenging, or to otherwise be allowed to defend, the validity of the Agreement and the right of FPL to recover from its customers all payments to be made by it hereunder.

The Parties do not intend this Section xxx to grant any rights or remedies to any third party(ies) or to any legislative, administrative, judicial or regulatory body; and this Section xxx shall not operate to release any person from any claim or cause of action which the Authority may have relating to, or to preclude the Authority from asserting, the validity or enforceability of any obligation undertaken by FPL under this Agreement.

Will FPL clarify the meaning of and consider modifications to, the first paragraph on page 17 of the RFP regarding termination of contract due to failure to obtain costs recovery from the PSC? (9/06/01)

On page 17 of Florida Power & Light's RFP's, the following paragraph

2) Any negotiated contract for the purchase of capacity and/or energy between FPL and the Bidder will be subject to termination by FPL in the event that the Florida Public Service Commission fails to allow cost recovery of all costs incurred pursuant to the contract.

Is now changed to the following:

2) In the event that the Florida Public Service Commission, or any other legislative, administrative, judicial or regulatory body which now has, or in the future may have, jurisdiction over FPL's rates and charges fails to allow cost recovery of all the costs incurred pursuant to any negotiated contract for the purchase of capacity and/or energy between FPL and the Bidder, the payments required to be made under the contract shall be reduced to the amount which FPL is authorized to recover from its customers. Should the payments be reduced by a significant amount, either Party may, within the notice period provided in the contract, terminate the contract as of a specified future date. The specific terms will be the subject of contract negotiations.

What quantity of firm transportation (MMBtu per day) will FPL use in its planning assumptions for each of its self-build options? (9/06/01)

FPL has not finalized its self-build options. Consequently, FPL does not know the quantity of firm gas transportation that may be needed for its self-build options.

What annual fixed transportation costs will FPL use in its planning assumptions for each of its self-build options? (9/06/01)

FPL has not finalized a fuel cost forecast that it will use in evaluating Bids received in response to the RFP, its self-build options, and extensions to existing contracts. Consequently, the annual fixed

transportation cost FPL will use is not yet finalized..

How much incremental firm pipeline transportation (MMBtu per day) will FPL purchase for each of its self-build options? (9/06/01)

FPL has not finalized its self-build options. Consequently, FPL does not know how much incremental firm pipeline transportation (MMBtu per day) that may be needed for its self-build options.

Will FPL incur any incremental annual fixed transportation cost for its self-build options? If so, how much? (9/06/01)

It is likely that FPL will incur incremental annual fixed gas transportation costs for any self-build option fired by natural gas. However, FPL has not finalized either its self-build options or its fuel cost forecast. Consequently, FPL does not know the projected amount of annual fixed gas transportation costs that will be incurred.

What maximum daily quantity will each plant proposed by FPL subscribe for on a firm basis on FGT? (9/06/01)

FPL understands that this question refers to FPL's self-build options rather than to FPL's "next planned generating units" presented in the RFP. FPL has not finalized its self-build options and, therefore, does not know the projected maximum daily quantity of gas that may be subscribed for each of these self-build options.

For each year, what capacity factor does FPL assume for each plant? For each year, how many starts per year are assumed? (9/06/01)

FPL understands that this question refers to FPL's self-build options rather than to FPL's "next planned generating units" presented in the RFP. FPL has neither finalized its self-build options nor performed economic analyses of them. Consequently, FPL does not have projected annual capacity factors or projected annual starts for these options.

What construction index is used to escalate total direct costs? If more than one index applies, what are the appropriate weightings? What is the value of the index in the base year? How is the index applied? To the start of construction? Through construction? (9/06/01)

FPL understands that this question refers to FPL's self-build options rather than to FPL's "next planned generating units" presented in the RFP. FPL will use the following general formula to escalate direct costs for construction of any self-build options:

Escalation for plant x for year Y =

$$[(\text{labor cost \% of total cost}) * (\text{labor hourly compensation rate escalator})] \\ + [(\text{materials costs \% of total cost}) * (\text{PPI escalator})].$$

However, FPL has finalized neither its self-build options nor the escalation forecasts/indexes it will use in evaluating these options. Consequently, FPL cannot supply more detailed information regarding construction e escalation values.

As a "Renewable, Energy Only" respondent under the RFP, I am concerned that a significantly larger percentage of contract cost (as compared to conventional generation) under a PPA could be disallowed by Florida Public Service Commission, or other jurisdictional entities. The resultant downward pricing adjustment could have far greater financial impact on proposed renewable projects (and their sponsor companies) than on conventional fossil fuel generation.

Is it FPL's intent that there be identical treatment for energy-only renewables under this provision of the RFP, or can the cost recovery be tied to a different standard, such as FPL customer demand for renewable energy, renewable market maturity and liquidity in FPL and adjacent service territories, and/or other indices responsive to the renewable market?

It may be FPL's desire to address this level of detail through specific negotiation on a renewable PPA, however the recovery provision as stated seems to create a significantly greater barrier to entry for renewable developers in Florida's "Pre-Deregulation" environment. (9/12/01)

As previously stated, FPL will compare the prices and MWH amounts proposed in Bids received in response to the RFP with the results of on-going market research designed to determine the number of FPL customers who would like to be served by renewable energy and the costs these customers would be willing to incur for such service. If FPL decides a Green Pricing Program is feasible and determines that specific renewable energy proposals are likely candidates for energy purchases and enters into contracts, FPL would request regulatory approval based on the premise that only participating customers will incur the costs associated with the renewable energy purchased. Non-participating customers would not incur these costs. Consequently, FPL does not

necessarily agree that a significantly larger percentage of contract costs might be subsequently disallowed by the Florida Public Service Commission taking into account its prior review and approval prior to the contract's implementation.

In any case, any Bidder may raise an exception to this facet of the RFP, and propose revised language, on Form #9 of their Bid. FPL will take these (and all other) exceptions into account in evaluating Bids. Bids that obtain short list status will then be discussed in contract negotiations.

For the purposes of the performance, what relative humidity would you like us to use? (9/13/01)

FPL anticipates that it may receive proposals for projects sited in a variety of locations; i.e., inside FPL's service territory, outside of FPL's service territory but within the state of Florida, and outside of Florida. In addition, projects may be based on technologies whose projected performance varies greatly in regard to relative humidity considerations of the intake air itself (i.e., a CT with a fogger "versus" a CT without a fogger). Therefore, for purposes of projecting performance of a generating unit, Developers should use a relative humidity value appropriate to the generating unit's proposed site and technology.

We would like some direction on what constitutes multiple proposals, thus, requiring multiple evaluation fees. By way of specific example:a) If the proposer submits one Base-load and One peaking proposal from four separate facilities (two base-load and two peaking facilities) would this example be considered two or four separate proposals?b) To further complicate question a) above, if FPL is given the option to pick and choose to take partial capacity from the facilities proposed (the two peaking and two base-load facilities proposed in question a), would this option trigger additional proposals?c) Lastly, if a 500 MW base-load proposal is constructed, for example, to provide FPL with capacity split between two facilities (250 MW from facility "A" and 250 MW from facility "B"), would the 500 MW proposal be considered 1) one proposal since it is one 500 MW block of base-load capacity being bid, or 2) two proposals, due to the fact that it comes from two facilities? (9/14/01)

FPL understands this part of the question to mean that only the full output of the two baseload units (for example, 250 MW per unit), and the full output of the two peaking units (for example, 150 MW per unit), would be offered. FPL would consider this as two separate proposals requiring two evaluation fees. One proposal would be a 500 MW

"system" baseload proposal and the second proposal would be a 300 MW "system" peaking proposal. Each proposal would only have one price proposed.

FPL is looking for Bids that propose specific capacity amounts rather than Bids offering a range of MW. So, expanding the answer to part a), if instead of just offering only the combined total output of two 250 MW units (i.e., 500 MW), a Bidder provides another offer of a different, less-than-the-total-of-500-MW (for example, 200 MW), FPL would consider the second offer as a separate proposal requiring a separate evaluation fee.

FPL views this question as essentially similar to that posed in part a). As long as only one specific capacity (MW) amount is being offered, FPL would consider this as one proposal requiring only one evaluation fee.

In our NOI filing, we indicated that our bid would be for a nominal amount of a specific technology at a particular location. Can we modify that without penalty or (9/14/01)

A developer's Bid must "match up" with the information shown on that developer's NOI form which was submitted on/before August 31st. The only allowable exceptions to these are: (1) changes in facility location, (2) (for firm capacity and energy proposals only) relatively small changes in Estimated Firm Capacity Net (MW) Summer and Winter to account for small variations in output of the unit(s)/technology proposed, (3) (for energy from renewable energy source proposals only) relatively small changes in the Estimated Annual Energy (MWH) to FPL, and (4) corrections to phone numbers, address, etc. All other information in the Bid and on the NOI form should match.

In the case of renewable energy proposals, FPL may consider additional proposals received outside of this RFP. However, any such consideration would come after proposals received in response to this RFP are evaluated and, as applicable, utilized. Renewable project developers that are interested in submitting proposals to FPL separate from the RFP may contact Steve Sim after the RFP's Proposal Date (September 28th).

Developer A has submitted one or more NOI forms by the August 31st deadline and, therefore, is eligible to submit the same number of proposals in response to FPL's RFP. Developer B did not make the deadline for submitting an NOI and is not eligible to submit a bid, but wants to participate in the RFP.

Developer B has proposed the following approach to Developer A:

Developer A submits one more bid than A otherwise would submit (e.g., if A had submitted NOI forms for four proposals and A subsequently decided to submit only three proposals, A would now submit its three proposals plus an "extra" bid for Developer B.). This bid is the proposal that B wants to have submitted.

If this bid is short listed, then A will drop out of the picture and allow B to step in as sponsor/owner of the bid and enter contract negotiations with FPL.

What is FPL's view of this proposed approach? (9/14/01)

FPL views this as an "end run" around its RFP process. First, no potential bidder may submit bids beyond those for which it has submitted an NOI form. Second, any bid submitted must comply in form and substance with the submitted NOI form. Third, if FPL enters into any contract negotiations, FPL intends to enter into such negotiations, and to contract if it determines it appropriate, only with the firm that submitted the bid in question (subject to acceptable and legitimate assignment, buyout, or business entity succession).

In the case of renewable energy proposals, FPL may consider additional proposals received outside of this RFP. However, any such consideration would come after proposals received in response to this RFP are evaluated and, as applicable, utilized. Renewable project developers that are interested in submitting proposals to FPL separate from the RFP may contact Steve Sim after the RFP's Proposal Date (September 28th).

Form #5A requests that firm capacity be stated at 95 degrees for summer capability and 35 degrees for winter capability. Will FPL accept a winter rating at 45 degrees rather than 35 degrees? Also, can the heat rate guarantee be submitted at a temperature of 70 degrees rather than 75 degrees as listed on Form #5A? (9/19/01)

FPL wants the guaranteed winter capability rating stated for a 35 degree temperature. (Unit ratings at this temperature "match up" to load forecasts based on the same temperature. This ensures consistency on reserve margin calculations.) FPL also wants the heat rate guarantee submitted for a 75 degree temperature. FPL's analyses will utilize the 35 and 75 degree guaranteed values.

Important Notice (9/20/01)

Bids that are in response to FPL's RFP are due to FPL by 4:00 p.m. on Friday, September 28, 2001. Bids provided by hand delivery must be received by 4:00 p.m. on Friday, September 28, 2001. Another option of

submitting a bid is by courier. Realizing how the events of the last week and a half have affected courier service, FPL will accept any **next day** or **overnight** package sent by courier, even if it does not arrive at FPL until after September 28, as long as there is proof that it was delivered to the courier for **overnight** or **next day** delivery on or before September 27, 2001.

TOP 

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Appendix K

FPL's 13 Self-Build Construction Options

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|---|--------------------------------|--|--|---|--|---|--|---|--|----------------------------------|---|--|--|
| I. CONSTRUCTION (1000) 2005 \$ | | | | | | | | | | | | | |
| 2 x 1 CC-F Moderate Duct Fired PFM Expansion | | 3 x 1 CC-F Moderate Duct Fired PMR Expansion | 3 x 1 CC-F Heavy Duct Fired PMR Brownfield | 3 x 1 CC-F Moderate Duct Fired PMR Brownfield | 3 x 1 CC-F Light Duct Fired PMT Brownfield | 3 x 1 CC-F Moderate Duct Fired PMR Brownfield | 2-4 x 1 CC-F Light Duct Fired PPE 3 & 4 Repowering | 4 x 1CC-F Moderate Duct Fired PMR Expansion | 4 x 1CC-F Moderate Duct Fired PMR Brownfield | 2-300 MW Pet Coke PMR Brownfield | 1x0 SC-F Power Aug PSN Peaker & PA PSN4 | 1x0 SC-F Power Aug PSN Peaker & PA PSN 5 | 4 x 1CC-F Moderate Duct Fired PMT Brownfield |
| Permit/Eng/Fab (months) | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Construction Phase (months) | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Project Total (months) | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 |
| Total Direct Cost (EPC) | \$158,317 | \$248,003 | \$349,310 | \$344,885 | \$341,687 | \$348,214 | \$785,188 | \$344,202 | \$423,292 | \$768,000 | \$64,610 | \$64,610 | \$431,317 |
| Total Indirect Cost | \$19,798 | \$20,863 | \$23,803 | \$23,448 | \$23,428 | \$27,545 | \$40,977 | \$23,242 | \$25,252 | \$67,000 | \$6,390 | \$6,390 | \$25,252 |
| Fuel Expansion | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Fuel Backup | \$0 | \$2,800 | \$5,000 | \$5,000 | \$5,000 | \$5,000 | \$18,800 | \$6,000 | \$8,400 | \$0 | \$2,800 | \$2,800 | \$0 |
| Transmission Expansion (excludes integration) | \$1,565 | \$9,987 | \$18,572 | \$18,572 | \$18,572 | \$12,417 | \$12,401 | \$0 | \$27,858 | \$5,000 | \$6,155 | \$6,155 | \$0 |
| Railroad & Cars | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$9,846 | \$0 | \$0 | \$0 | \$0 | \$9,841 |
| Total Other Cost | \$1,565 | \$12,767 | \$24,172 | \$24,172 | \$24,172 | \$18,017 | \$33,201 | \$13,446 | \$30,258 | \$5,000 | \$9,455 | \$9,455 | \$19,241 |
| Grand Total Cost (2005 \$) | \$179,678 | \$281,633 | \$397,285 | \$392,505 | \$389,287 | \$393,776 | \$839,366 | \$380,890 | \$484,803 | \$840,000 | \$80,455 | \$80,455 | \$475,807 |
| II. PLANT CHARACTERISTICS | | | | | | | | | | | | | |
| Net Sum 95FCapability (mw) - Base | 490 | 735 | 731 | 735 | 744 | 735 | 1988 | 984 | 980 | 600 | 214 | 214 | 984 |
| Net Win 35F Capability (mw) - Base | 543 | 814.5 | 810 | 814.5 | 817 | 814.5 | 2188 | 1074 | 1086 | 600 | 181 | 181 | 1074 |
| Heat Rate btu/kwh 75F-100%-Base | 6,780 | 6,800 | 6,860 | 6,800 | 6,730 | 6,800 | 6,730 | 6,850 | 6,800 | 10,000 | 10,450 | 10,450 | 6,850 |
| Duct Firing-Incremental from Base Sum MW 95F | 65 | 98 | 150 | 98 | 19 | 98 | 50 | 98 | 130 | n/a | n/a | n/a | 96 |
| Duct Firing-Incremental from Base Win MW 35F | 61 | 92 | 144 | 92 | 14 | 92 | 38 | 95 | 122 | n/a | n/a | n/a | 95 |
| Duct Firing-Incremental from Base Sum Heat Rate 95F | 8,820 | 8,860 | 8,940 | 8,660 | 8,300 | 8,660 | 8,300 | 8,770 | 8,300 | n/a | n/a | n/a | 8,770 |
| Duct Firing-Incremental from Base Win Heat Rate 35F | 8,810 | 8,860 | 9,250 | 8,860 | 8,800 | 8,860 | 8,800 | 8,800 | 8,600 | n/a | n/a | n/a | 8,800 |
| Peak Firing-Incremental from Base Sum MW 95F | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 27 | n/a | n/a | n/a | n/a | 27 |
| Peak Firing-Incremental from Base Win MW 35F | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 28 | n/a | n/a | n/a | n/a | 28 |
| Peak Firing-Incremental from Base Sum Heat Rate 95F | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 5800 | n/a | n/a | n/a | n/a | 5800 |
| Peak Firing-Incremental from Base Win Heat Rate 35F | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 6000 | n/a | n/a | n/a | n/a | 6000 |
| Note: Peak Firing Limited to 60 Hours/year | | | | | | | | | | | | | |
| Equiv. Avail. % | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 95% | 97% | 97% | 97% |
| Sched Outage (equiv. wks/yr) - 30yr avg | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Equiv Forced Outage | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 3.0% | 1.0% | 1.0% | 1.0% |
| III. OPERATION 2001\$ | | | | | | | | | | | | | |
| Total O&M (mm/yr) | 1.30 | 2.40 | 3.72 | 3.72 | 3.72 | 3.79 | 0.00 | 2.30 | 4.16 | 12.57 | 0.49 | 0.49 | 3.24 |
| Fixed (\$/kw - yr) | 2.05 | 2.80 | 3.95 | 4.18 | 4.56 | 4.26 | 0.00 | 1.87 | 3.47 | 8.90 | 2.00 | 2.00 | 2.71 |
| Variable (excl. fuel) (\$/mwh) | 0.039 | 0.038 | 0.036 | 0.038 | 0.042 | 0.038 | 0.005 | 0.037 | 0.037 | 1.490 | 0.287 | 0.287 | 0.037 |
| Capital Replace (\$mm/yr) | 0.41 | 3.50 | 9.29 | 9.29 | 9.29 | 9.29 | 22.77 | 5.68 | 11.35 | 3.90 | 4.27 | 4.27 | 11.35 |
| Cold Startup Cost (\$/startup) | \$8,000 | \$12,000 | \$12,000 | \$12,000 | \$12,000 | \$12,000 | \$12,000 | \$16,000 | \$16,000 | \$10,000 | \$4,000 | \$6,000 | \$16,000 |
| IV. SPENDING CURVES | | | | | | | | | | | | | |
| Year 6 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Year 5 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Year 4 | \$2,336 | \$3,681 | \$5,184 | \$5,154 | \$5,112 | \$5,119 | \$10,912 | \$9,411 | \$6,302 | \$10,920 | \$1,046 | \$1,046 | \$10,819 |
| Year 3 | \$36,834 | \$82,378 | \$130,309 | \$130,054 | \$128,998 | \$129,159 | \$275,312 | \$114,803 | \$159,015 | \$275,520 | \$26,389 | \$26,389 | \$134,782 |
| Year 2 | \$97,026 | \$152,082 | \$214,534 | \$211,113 | \$209,376 | \$212,839 | \$453,258 | \$200,047 | \$261,794 | \$453,600 | \$43,446 | \$43,446 | \$237,702 |
| Year 1 | \$21,382 | \$33,514 | \$47,277 | \$46,184 | \$45,801 | \$46,859 | \$99,885 | \$56,629 | \$57,892 | \$99,060 | \$9,574 | \$9,574 | \$92,520 |
| V. NOTES: | | | | | | | | | | | | | |
| Equipment | 7F 7241 Foggers 2CTHRSG&1ST | 7F 7241 Foggers 3CTHRSG&1ST | 7F 7241 Foggers 3CTHRSG&1ST | 7F 7241 Foggers 3CTHRSG&1ST | 7F 7241 Foggers 3CTHRSG&1ST | 7F 7241 Foggers 3CTHRSG&1ST | 7F 7241 Foggers 8CTHRSG&1ST | 7F 7241 Foggers 2CTHRSG&1ST | 7F 7241 Foggers 4CTHRSG&1ST | 2- CFB Pond | 7F 7241 Foggers 1CT Pond | 7F 7241 Foggers 1CT Pond | 7F 7241 Foggers 4CTHRSG&1ST Pond |
| Cooling SCR's | Tower No | Pond Yes | Pond Yes | Pond Yes | Pond Yes | Pond Yes | Once Thru No | Pond Yes | Pond Yes | Yes (SNCR) | Yes | Yes | Yes |

K-1

FPL Options: 2005 in-service date

| Option | Total Start-up Cost (NPV \$(000)) |
|--------------------------------------|-----------------------------------|
| PMR: 4x1 CC-F Expansion Moderate | 982 |
| PMR: 4x1 CC-F Brownfield Moderate | 982 |
| PMR: 3x1 CC-F Expansion Moderate | 736 |
| PMR: 3x1 CC-F Brownfield Heavy | 736 |
| PMR: 3x1 CC-F Brownfield Moderate | 736 |
| PMR: 3x1 CC-F Brownfield Light | 736 |
| PMT: 3x1 CC-F Brownfield Moderate | 736 |
| PPE 3&4: 2-4x1 CC-F Repowering Light | 1,963 |
| PMR: 2-300 MW Brownfield | 614 |
| PFM: 2x1 CC-F Expansion Moderate | 491 |
| PSN Peaker & PA: 1x0 SC-F PSN5 | 368 |
| PSN Peaker & PA: 1x0 SC-F PSN4 | 245 |
| CT: Greenfield Site | 4,090 |
| PMT: 4x1 CC-F Brownfield Moderate | 982 |

FPL Options: 2006 in-service date

| Option | Total Start-up Cost (NPV \$(000)) |
|--------------------------------------|-----------------------------------|
| PMR: 4x1 CC-F Expansion Moderate | 912 |
| PMR: 4x1 CC-F Brownfield Moderate | 912 |
| PMR: 3x1 CC-F Expansion Moderate | 684 |
| PMR: 3x1 CC-F Brownfield Heavy | 684 |
| PMR: 3x1 CC-F Brownfield Moderate | 684 |
| PMR: 3x1 CC-F Brownfield Light | 684 |
| PMT: 3x1 CC-F Brownfield Moderate | 684 |
| PPE 3&4: 2-4x1 CC-F Repowering Light | 1,825 |
| PMR: 2-300 MW Brownfield | 570 |
| PFM: 2x1 CC-F Expansion Moderate | 456 |
| PSN Peaker & PA: 1x0 SC-F PSN5 | 342 |
| PSN Peaker & PA: 1x0 SC-F PSN4 | 228 |
| CT: Greenfield Site | 3,802 |
| PMT: 4x1 CC-F Brownfield Moderate | 912 |

Note: CT: Greenfield Site assumed 100 annual start-ups
All CC options assumed 6 annual start-ups.

Outside Options

| Option | Total Start-up Cost (NPV \$(000)) |
|--------|-----------------------------------|
| FC 1 | 0 |
| FC 2 | 196 |
| FC 3 | 2,745 |
| FC 4 | 1,666 |
| FC 5 | 0 |
| FC 6 | 432 |
| FC 7 | 0 |
| FC 8 | No value given |
| FC 9 | Ineligible proposal |
| FC 10 | 0 |
| FC 11 | N/A - System Sale |
| FC 12 | 431 |
| FC 13 | 0 |
| FC 14 | 720 |
| FC 15 | 864 |
| FC 16 | 127 |
| FC 17 | No value given |
| FC 18 | 0 |
| FC 19 | 102 |
| FC 20 | 185 |
| FC 21 | Not available - Turnkey |
| FC 22 | No value given |
| FC 23 | 185 |
| FC 24 | 498 |
| FC 25 | 539 |
| FC 26 | 539 |
| FC 27 | 539 |
| FC 28 | 0 |
| FC 29 | 0 |
| FC 30 | 218 |
| FC 31 | Not available - Turnkey |
| FC 32 | Not available - Turnkey |
| FC 33 | Not available - Turnkey |
| FC 34 | N/A - System Sale |
| FC 35 | N/A - System Sale |
| FC 36 | N/A - System Sale |
| FC 37 | N/A - System Sale |
| FC 38 | N/A - System Sale |
| FC 39 | 351 |
| FC 40 | 1,110 |
| FC 41 | 199 |

| Option | Total Start-up Cost (NPV \$(000)) |
|--------|-----------------------------------|
| FC 42 | 190 |
| FC 43 | 299 |
| FC 44 | 526 |
| FC 45 | 597 |
| FC 46 | 1,052 |
| FC 47 | 0 |
| FC 48 | N/A - System Sale |
| FC 49 | N/A - System Sale |
| FC 50 | 398 |
| FC 51 | 1,023 |
| FC 52 | N/A - System Sale |
| FC 53 | 0 |
| FC 54 | 0 |
| FC 55 | To be negotiated |
| FC 56 | 0 |
| FC 57 | 397 |
| FC 58 | 94 |
| FC 59 | 171 |
| FC 60 | 171 |
| FC 61 | N/A - System Sale |
| FC 62 | No value given |
| FC 63 | No value given |
| FC 64 | No value given |
| FC 65 | 2,557 |
| FC 66 | 0 |
| FC 67 | 0 |
| FC 68 | 0 |
| FC 69 | 0 |
| FC 70 | 816 |
| FC 71 | 119 |
| FC 72 | 331 |
| FC 73 | 187 |
| FC 74 | 178 |
| FC 75 | 281 |
| FC 76 | 497 |
| FC 77 | 562 |
| FC 78 | 993 |
| FC 79 | Not available - Turnkey |
| FC 80 | Not available - Turnkey |
| FC 81 | Not available - Turnkey |

Note: FC 3 and FC 65 assumed 6 annual start-ups due to high dispatch costs
All CC options assumed 6 annual start-ups.

Calculation of Plan Start Up Costs

| Year | All FPL Plan | All FPL Start Up Costs | Combination Plan 1 | C. Plan 1 Start Up Costs | Combination Plan 2 | C. Plan 2 Start Up Costs | Combination Plan 3 | C. Plan 3 Start Up Costs | Combination Plan 4 | C. Plan 4 Start Up Costs | Combination Plan 5 | C. Plan 5 Start Up Costs | Combination Plan 6 | C. Plan 6 Start Up Costs | Combination Plan 7 | C. Plan 7 Start Up Costs |
|------|-------------------|------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|-----------------------|--------------------------|
| 2005 | Martin Conversion | 0.982 | Martin Conversion | 0.982 | Martin Conversion | 0.982 | Martin Conversion | 0.982 | Martin Conversion | 0.982 | FC 3, FC 19, FC 38 | 2.847 | FC 3, FC 19, FC 11 | 2.847 | FC 3, FC 8, 17, or 22 | 2.745 |
| | Mamatee CC | 0.982 | FC 3 | 2.745 | FC 3 | 2.745 | FC 19 | 0.102 | FC 38, FC 39 | 0.351 | | | | | | |
| 2006 | | | FC 58 | 0.058 | FC 71, FC 72 | 0.450 | FC 65 | 2.557 | FC 65, FC 71 | 2.676 | Martin Conversion | 0.912 | Martin Conversion | 0.912 | Martin Conversion | 0.912 |
| 2007 | CC | 0.848 | CC | 0.848 | CC | 0.848 | CC | 0.848 | CC | 0.848 | CC | 0.848 | CC | 0.848 | CC | 0.848 |
| 2008 | | 0.000 | | 0.000 | | 0.000 | CC | 0.788 | | 0.000 | CC | 0.788 | CC | 0.788 | | 0.000 |
| 2009 | CC | 0.731 | CC | 0.731 | CC | 0.731 | | 0.000 | CC | 0.731 | | 0.000 | | 0.000 | CC | 0.731 |
| 2010 | CC | 0.677 | 2 CC's | 1.354 | CC | 0.677 | 2 CC's | 1.354 | CC | 0.677 | 2 CC | 1.354 | 2 CC | 1.354 | CC | 0.677 |
| 2011 | CC | 0.626 | | 0.000 | CC | 0.626 | | 0.000 | CC | 0.626 | | 0.000 | | 0.000 | | 0.000 |
| 2012 | | 0.000 | CC | 0.577 | | 0.000 | CC | 0.577 | | 0.000 | CC | 0.577 | CC | 0.577 | CC | 0.577 |
| 2013 | | 0.000 | | 0.000 | CC | 0.531 | | 0.000 | CC | 0.531 | | 0.000 | | 0.000 | | 0.000 |
| 2014 | CC | 0.487 | | 0.000 | | 0.000 | | 0.000 | | 0.000 | | 0.000 | | 0.000 | CC | 0.487 |
| 2015 | | 0.000 | CC | 0.445 | CC | 0.445 | CC | 0.445 | CC | 0.445 | CC | 0.445 | CC | 0.445 | CC | 0.445 |
| 2016 | CC | 0.406 | | 0.000 | | 0.000 | | 0.000 | | 0.000 | | 0.000 | | 0.000 | | 0.000 |
| 2017 | | 0.000 | CC | 0.368 | CC | 0.368 | CC | 0.368 | CC | 0.368 | CC | 0.368 | CC | 0.368 | CC | 0.368 |
| 2018 | CT | 1.243 | | 0.000 | | 0.000 | | 0.000 | | 0.000 | | 0.000 | | 0.000 | | 0.000 |
| 2019 | 2 CT | 2.486 | CT | 1.243 | CT | 1.243 | CT | 1.243 | CT | 1.243 | CT | 1.243 | CT | 1.243 | CT | 1.243 |
| 2020 | 4 CT | 4.433 | 3 CT's | 3.325 | 3 CT's | 3.325 | 3 CT's | 3.325 | 3 CT's | 3.325 | 3 CT's | 3.325 | 3 CT's | 3.325 | 3 CT's | 3.325 |
| | | 14,042 | | 12,676 | | 12,971 | | 12,589 | | 12,803 | | 12,707 | | 12,707 | | 12,358 |

**Startup Cost Calculation for
February Combination Plan**

| Year | Expansion Plan Components | Startup Costs (\$millions) |
|------|---------------------------|----------------------------|
| 2005 | Manatee CC unit | 0.982 |
| | FC 11 | 0.000 |
| 2006 | FC 65 | 2.557 |
| 2007 | Unsited CC | 0.848 |
| 2008 | | 0.000 |
| 2009 | Unsited CC | 0.731 |
| 2010 | Unsited CC | 0.677 |
| 2011 | Unsited CC | 0.626 |
| 2012 | | 0.000 |
| 2013 | Unsited CC | 0.531 |
| 2014 | | 0.000 |
| 2015 | Unsited CC | 0.445 |
| 2016 | | 0.000 |
| 2017 | | 0.000 |
| 2018 | Unsited CC | 0.332 |
| 2019 | | 0.000 |
| 2020 | 2 Unsited CT's | 2.216 |
| | | 9.945 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's in the unit = 4

| Year | Annual Discount Factor 0.085 | PMR: 4 x 1 CC-F Brownfield Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 98 | 60 |
| 2008 | 0.565 | 101 | 57 |
| 2009 | 0.521 | 104 | 54 |
| 2010 | 0.480 | 107 | 51 |
| 2011 | 0.442 | 110 | 49 |
| 2012 | 0.408 | 113 | 46 |
| 2013 | 0.376 | 117 | 44 |
| 2014 | 0.346 | 120 | 42 |
| 2015 | 0.319 | 124 | 40 |
| 2016 | 0.294 | 128 | 38 |
| 2017 | 0.271 | 132 | 36 |
| 2018 | 0.250 | 136 | 34 |
| 2019 | 0.230 | 140 | 32 |
| 2020 | 0.212 | 145 | 31 |
| 2021 | 0.196 | 149 | 29 |
| 2022 | 0.180 | 154 | 28 |
| 2023 | 0.166 | 159 | 26 |
| 2024 | 0.153 | 164 | 25 |
| 2025 | 0.141 | 169 | 24 |
| 2026 | 0.130 | 175 | 23 |
| 2027 | 0.120 | 180 | 22 |
| 2028 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | | 848 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's in the unit = 4

| Year | Annual Discount Factor 0.085 | PMR: 4 x 1 CC-F Brownfield Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 101 | 57 |
| 2009 | 0.521 | 104 | 54 |
| 2010 | 0.480 | 107 | 51 |
| 2011 | 0.442 | 110 | 49 |
| 2012 | 0.408 | 113 | 46 |
| 2013 | 0.376 | 117 | 44 |
| 2014 | 0.346 | 120 | 42 |
| 2015 | 0.319 | 124 | 40 |
| 2016 | 0.294 | 128 | 38 |
| 2017 | 0.271 | 132 | 36 |
| 2018 | 0.250 | 136 | 34 |
| 2019 | 0.230 | 140 | 32 |
| 2020 | 0.212 | 145 | 31 |
| 2021 | 0.196 | 149 | 29 |
| 2022 | 0.180 | 154 | 28 |
| 2023 | 0.166 | 159 | 26 |
| 2024 | 0.153 | 164 | 25 |
| 2025 | 0.141 | 169 | 24 |
| 2026 | 0.130 | 175 | 23 |
| 2027 | 0.120 | 180 | 22 |
| 2028 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | | 788 |

Assumed Number of Annual S 6
 The start-up cost per annual s 4,000
 Number of CT's in the unit = 4

| Year | Annual Discount Factor | | Annual Start-up Costs | |
|------|------------------------|-------|-----------------------|---------------|
| | 0.085 | 0.085 | (Nominal \$ (000)) | (NPV \$(000)) |
| 2001 | 1 | 1 | 0 | 0 |
| 2002 | 0.922 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0.212 | 145 | 31 |
| 2021 | 0.196 | 0.196 | 149 | 29 |
| 2022 | 0.180 | 0.180 | 154 | 28 |
| 2023 | 0.166 | 0.166 | 159 | 26 |
| 2024 | 0.153 | 0.153 | 164 | 25 |
| 2025 | 0.141 | 0.141 | 169 | 24 |
| 2026 | 0.130 | 0.130 | 175 | 23 |
| 2027 | 0.120 | 0.120 | 180 | 22 |
| 2028 | 0.111 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 0.094 | 198 | 19 |
| | | | Sum = | 266 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's in the unit = 4

| Year | Annual Discount Factor | | Annual Start-up Costs | |
|------|------------------------|-------|-----------------------|---------------|
| | 0.085 | 0.085 | (Nominal \$ (000)) | (NPV \$(000)) |
| 2001 | 1 | 1 | 0 | 0 |
| 2002 | 0.922 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0.196 | 149 | 29 |
| 2022 | 0.180 | 0.180 | 154 | 28 |
| 2023 | 0.166 | 0.166 | 159 | 26 |
| 2024 | 0.153 | 0.153 | 164 | 25 |
| 2025 | 0.141 | 0.141 | 169 | 24 |
| 2026 | 0.130 | 0.130 | 175 | 23 |
| 2027 | 0.120 | 0.120 | 180 | 22 |
| 2028 | 0.111 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 0.094 | 198 | 19 |
| | | | Sum = | 235 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's in the unit = 4

| Year | Annual Discount Factor 0.085 | PMR: 4 x 1 CC-F Brownfield Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 154 | 28 |
| 2023 | 0.166 | 159 | 26 |
| 2024 | 0.153 | 164 | 25 |
| 2025 | 0.141 | 169 | 24 |
| 2026 | 0.130 | 175 | 23 |
| 2027 | 0.120 | 180 | 22 |
| 2028 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | | 206 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's in the unit = 4

| Year | Annual Discount Factor 0.085 | PMR: 4 x 1 CC-F Brownfield Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 159 | 26 |
| 2024 | 0.153 | 164 | 25 |
| 2025 | 0.141 | 169 | 24 |
| 2026 | 0.130 | 175 | 23 |
| 2027 | 0.120 | 180 | 22 |
| 2028 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | | 178 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's in the unit = 4

| Year | Annual Discount Factor 0.085 | PMR: 4 x 1 CC-F Brownfield Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 164 | 25 |
| 2025 | 0.141 | 169 | 24 |
| 2026 | 0.130 | 175 | 23 |
| 2027 | 0.120 | 180 | 22 |
| 2028 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | | 152 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's in the unit = 4

| Year | Annual Discount Factor 0.085 | PMR: 4 x 1 CC-F Brownfield Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 169 | 24 |
| 2026 | 0.130 | 175 | 23 |
| 2027 | 0.120 | 180 | 22 |
| 2028 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | | 127 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's in the unit = 4

| Year | Annual Discount Factor 0.085 | PMR: 4 x 1 CC-F Brownfield Moderate | |
|-------|------------------------------|--|-------------------------------------|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 175 | 23 |
| 2027 | 0.120 | 180 | 22 |
| 2028 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | | 103 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's in the unit = 4

| Year | Annual Discount Factor 0.085 | PMR: 4 x 1 CC-F Brownfield Moderate | |
|-------|------------------------------|--|-------------------------------------|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 180 | 22 |
| 2028 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | | 80 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's in the unit = 4

| Year | Annual Discount Factor 0.085 | PMR: 4 x 1 CC-F Brownfield Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | | 59 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's in the unit = 4

| Year | Annual Discount Factor 0.085 | PMR: 4 x 1 CC-F Brownfield Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | | 38 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's in the unit = 4

| Year | Annual Discount Factor 0.085 | PMR: 4 x 1 CC-F Brownfield Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | | 19 |

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4000
 Number of CT's in the unit = 1

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4000
 Number of CT's in the unit = 1

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4000
 Number of CT's in the unit = 1

| Year | CT: Greenfield Site | | |
|------|---------------------------------|---|--|
| | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 408 | 250 |
| 2008 | 0.565 | 419 | 237 |
| 2009 | 0.521 | 431 | 225 |
| 2010 | 0.480 | 445 | 213 |
| 2011 | 0.442 | 458 | 203 |
| 2012 | 0.408 | 473 | 193 |
| 2013 | 0.376 | 487 | 183 |
| 2014 | 0.346 | 502 | 174 |
| 2015 | 0.319 | 517 | 165 |
| 2016 | 0.294 | 534 | 157 |
| 2017 | 0.271 | 550 | 149 |
| 2018 | 0.250 | 568 | 142 |
| 2019 | 0.230 | 585 | 135 |
| 2020 | 0.212 | 603 | 128 |
| 2021 | 0.196 | 622 | 122 |
| 2022 | 0.180 | 642 | 116 |
| 2023 | 0.166 | 662 | 110 |
| 2024 | 0.153 | 683 | 105 |
| 2025 | 0.141 | 705 | 99 |
| 2026 | 0.130 | 727 | 95 |
| 2027 | 0.120 | 750 | 90 |
| 2028 | 0.111 | 773 | 85 |
| 2029 | 0.102 | 799 | 81 |
| 2030 | 0.094 | 823 | 77 |
| | Sum = | | 3,533 |

| Year | CT: Greenfield Site | | |
|------|---------------------------------|---|--|
| | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 419 | 237 |
| 2009 | 0.521 | 431 | 225 |
| 2010 | 0.480 | 445 | 213 |
| 2011 | 0.442 | 458 | 203 |
| 2012 | 0.408 | 473 | 193 |
| 2013 | 0.376 | 487 | 183 |
| 2014 | 0.346 | 502 | 174 |
| 2015 | 0.319 | 517 | 165 |
| 2016 | 0.294 | 534 | 157 |
| 2017 | 0.271 | 550 | 149 |
| 2018 | 0.250 | 568 | 142 |
| 2019 | 0.230 | 585 | 135 |
| 2020 | 0.212 | 603 | 128 |
| 2021 | 0.196 | 622 | 122 |
| 2022 | 0.180 | 642 | 116 |
| 2023 | 0.166 | 662 | 110 |
| 2024 | 0.153 | 683 | 105 |
| 2025 | 0.141 | 705 | 99 |
| 2026 | 0.130 | 727 | 95 |
| 2027 | 0.120 | 750 | 90 |
| 2028 | 0.111 | 773 | 85 |
| 2029 | 0.102 | 799 | 81 |
| 2030 | 0.094 | 823 | 77 |
| | Sum = | | 3,283 |

| Year | CT: Greenfield Site | | | |
|------|---------------------------------|---------------------------------|---|--|
| | Annual Discount Factor 0.085 | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 1 | 0 | 0 |
| 2002 | 0.922 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0.212 | 603 | 128 |
| 2021 | 0.196 | 0.196 | 622 | 122 |
| 2022 | 0.180 | 0.180 | 642 | 116 |
| 2023 | 0.166 | 0.166 | 662 | 110 |
| 2024 | 0.153 | 0.153 | 683 | 105 |
| 2025 | 0.141 | 0.141 | 705 | 99 |
| 2026 | 0.130 | 0.130 | 727 | 95 |
| 2027 | 0.120 | 0.120 | 750 | 90 |
| 2028 | 0.111 | 0.111 | 773 | 85 |
| 2029 | 0.102 | 0.102 | 799 | 81 |
| 2030 | 0.094 | 0.094 | 823 | 77 |
| | | | Sum = | 1,108 |

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4000
 Number of CT's in the unit = 1

| CT: Greenfield Site | | | |
|---------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 622 | 122 |
| 2022 | 0.180 | 642 | 116 |
| 2023 | 0.166 | 662 | 110 |
| 2024 | 0.153 | 683 | 105 |
| 2025 | 0.141 | 705 | 99 |
| 2026 | 0.130 | 727 | 95 |
| 2027 | 0.120 | 750 | 90 |
| 2028 | 0.111 | 773 | 85 |
| 2029 | 0.102 | 799 | 81 |
| 2030 | 0.094 | 823 | 77 |
| Sum = | | | 980 |

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4000
 Number of CT's in the unit = 1

| CT: Greenfield Site | | | |
|---------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 642 | 116 |
| 2023 | 0.166 | 662 | 110 |
| 2024 | 0.153 | 683 | 105 |
| 2025 | 0.141 | 705 | 99 |
| 2026 | 0.130 | 727 | 95 |
| 2027 | 0.120 | 750 | 90 |
| 2028 | 0.111 | 773 | 85 |
| 2029 | 0.102 | 799 | 81 |
| 2030 | 0.094 | 823 | 77 |
| Sum = | | | 858 |

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4000
 Number of CT's in the unit = 1

| CT: Greenfield Site | | | |
|---------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 662 | 110 |
| 2024 | 0.153 | 683 | 105 |
| 2025 | 0.141 | 705 | 99 |
| 2026 | 0.130 | 727 | 95 |
| 2027 | 0.120 | 750 | 90 |
| 2028 | 0.111 | 773 | 85 |
| 2029 | 0.102 | 799 | 81 |
| 2030 | 0.094 | 823 | 77 |
| Sum = | | | 743 |

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4000
 Number of CT's in the unit = 1

| CT: Greenfield Site | | | |
|---------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 683 | 105 |
| 2025 | 0.141 | 705 | 99 |
| 2026 | 0.130 | 727 | 95 |
| 2027 | 0.120 | 750 | 90 |
| 2028 | 0.111 | 773 | 85 |
| 2029 | 0.102 | 799 | 81 |
| 2030 | 0.094 | 823 | 77 |
| Sum = | | | 633 |

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4000
 Number of CT's in the unit = 1

| CT: Greenfield Site | | | |
|---------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 705 | 99 |
| 2026 | 0.130 | 727 | 95 |
| 2027 | 0.120 | 750 | 90 |
| 2028 | 0.111 | 773 | 85 |
| 2029 | 0.102 | 799 | 81 |
| 2030 | 0.094 | 823 | 77 |
| Sum = | | | 528 |

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4000
 Number of CT's in the unit = 1

| CT: Greenfield Site | | | |
|---------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 727 | 95 |
| 2027 | 0.120 | 750 | 90 |
| 2028 | 0.111 | 773 | 85 |
| 2029 | 0.102 | 799 | 81 |
| 2030 | 0.094 | 823 | 77 |
| Sum = | | | 429 |

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4000
 Number of CT's in the unit = 1

| CT: Greenfield Site | | | |
|---------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 750 | 90 |
| 2028 | 0.111 | 773 | 85 |
| 2029 | 0.102 | 799 | 81 |
| 2030 | 0.094 | 823 | 77 |
| Sum = | | | 334 |

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4000
 Number of CT's in the unit = 1

| CT: Greenfield Site | | | |
|---------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 773 | 85 |
| 2029 | 0.102 | 799 | 81 |
| 2030 | 0.094 | 823 | 77 |
| Sum = | | | 244 |

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4000
 Number of CT's in the unit = 1

| CT: Greenfield Site | | | |
|---------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 799 | 81 |
| 2030 | 0.094 | 823 | 77 |
| Sum = | | | 159 |

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4000
 Number of CT's in the unit = 1

| Year | Annual Discount Factor 0.085 | CT: Greenfield Site | |
|------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 823 | 77 |
| | | Sum = | 77 |

Filler Units Summary:

PMR: 4x1 CC-F Brownfield Moderate
6 Annual Starts are assumed

| If Start Year is: | NPV Total Starting Cost (000) is: |
|-------------------|-----------------------------------|
| 2007 | 848 |
| 2008 | 788 |
| 2009 | 731 |
| 2010 | 677 |
| 2011 | 626 |
| 2012 | 577 |
| 2013 | 531 |
| 2014 | 487 |
| 2015 | 445 |
| 2016 | 406 |
| 2017 | 368 |
| 2018 | 332 |
| 2019 | 298 |
| 2020 | 266 |
| 2021 | 235 |
| 2022 | 206 |
| 2023 | 178 |
| 2024 | 152 |
| 2025 | 127 |
| 2026 | 103 |
| 2027 | 80 |
| 2028 | 59 |
| 2029 | 38 |
| 2030 | 19 |

CT: Greenfield Site
100 Annual Starts are assumed

| If Start Year is: | NPV Total Starting Cost (000) is: |
|-------------------|-----------------------------------|
| 2007 | 3,533 |
| 2008 | 3,283 |
| 2009 | 3,046 |
| 2010 | 2,821 |
| 2011 | 2,608 |
| 2012 | 2,405 |
| 2013 | 2,213 |
| 2014 | 2,030 |
| 2015 | 1,856 |
| 2016 | 1,691 |
| 2017 | 1,534 |
| 2018 | 1,385 |
| 2019 | 1,243 |
| 2020 | 1,108 |
| 2021 | 980 |
| 2022 | 858 |
| 2023 | 743 |
| 2024 | 633 |
| 2025 | 528 |
| 2026 | 429 |
| 2027 | 334 |
| 2028 | 244 |
| 2029 | 159 |
| 2030 | 77 |

FPL Options: 2005 Start Year

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 2

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 3

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 3

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| PFM: 2 x 1 CC-F Expansion Moderate | | | |
|------------------------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 48 | 35 |
| 2006 | 0.665 | 48 | 32 |
| 2007 | 0.613 | 49 | 30 |
| 2008 | 0.565 | 50 | 28 |
| 2009 | 0.521 | 52 | 27 |
| 2010 | 0.480 | 53 | 26 |
| 2011 | 0.442 | 55 | 24 |
| 2012 | 0.408 | 57 | 23 |
| 2013 | 0.376 | 58 | 22 |
| 2014 | 0.346 | 60 | 21 |
| 2015 | 0.319 | 62 | 20 |
| 2016 | 0.294 | 64 | 19 |
| 2017 | 0.271 | 66 | 18 |
| 2018 | 0.250 | 68 | 17 |
| 2019 | 0.230 | 70 | 16 |
| 2020 | 0.212 | 72 | 15 |
| 2021 | 0.196 | 75 | 15 |
| 2022 | 0.180 | 77 | 14 |
| 2023 | 0.166 | 79 | 13 |
| 2024 | 0.153 | 82 | 13 |
| 2025 | 0.141 | 85 | 12 |
| 2026 | 0.130 | 87 | 11 |
| 2027 | 0.120 | 90 | 11 |
| 2028 | 0.111 | 93 | 10 |
| 2029 | 0.102 | 96 | 10 |
| 2030 | 0.094 | 99 | 9 |
| Sum = | | | 491 |

| PMR: 3 x 1 CC-F Expansion Moderate | | | |
|------------------------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 72 | 52 |
| 2006 | 0.665 | 73 | 48 |
| 2007 | 0.613 | 74 | 45 |
| 2008 | 0.565 | 75 | 43 |
| 2009 | 0.521 | 78 | 40 |
| 2010 | 0.480 | 80 | 38 |
| 2011 | 0.442 | 82 | 36 |
| 2012 | 0.408 | 85 | 35 |
| 2013 | 0.376 | 88 | 33 |
| 2014 | 0.346 | 90 | 31 |
| 2015 | 0.319 | 93 | 30 |
| 2016 | 0.294 | 96 | 28 |
| 2017 | 0.271 | 99 | 27 |
| 2018 | 0.250 | 102 | 26 |
| 2019 | 0.230 | 105 | 24 |
| 2020 | 0.212 | 109 | 23 |
| 2021 | 0.196 | 112 | 22 |
| 2022 | 0.180 | 116 | 21 |
| 2023 | 0.166 | 119 | 20 |
| 2024 | 0.153 | 123 | 19 |
| 2025 | 0.141 | 127 | 18 |
| 2026 | 0.130 | 131 | 17 |
| 2027 | 0.120 | 135 | 16 |
| 2028 | 0.111 | 139 | 15 |
| 2029 | 0.102 | 144 | 15 |
| 2030 | 0.094 | 148 | 14 |
| Sum = | | | 736 |

| PMR: 3 x 1 CC-F Brownfield Heavy | | | |
|----------------------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 72 | 52 |
| 2006 | 0.665 | 73 | 48 |
| 2007 | 0.613 | 74 | 45 |
| 2008 | 0.565 | 75 | 43 |
| 2009 | 0.521 | 78 | 40 |
| 2010 | 0.480 | 80 | 38 |
| 2011 | 0.442 | 82 | 36 |
| 2012 | 0.408 | 85 | 35 |
| 2013 | 0.376 | 88 | 33 |
| 2014 | 0.346 | 90 | 31 |
| 2015 | 0.319 | 93 | 30 |
| 2016 | 0.294 | 96 | 28 |
| 2017 | 0.271 | 99 | 27 |
| 2018 | 0.250 | 102 | 26 |
| 2019 | 0.230 | 105 | 24 |
| 2020 | 0.212 | 109 | 23 |
| 2021 | 0.196 | 112 | 22 |
| 2022 | 0.180 | 116 | 21 |
| 2023 | 0.166 | 119 | 20 |
| 2024 | 0.153 | 123 | 19 |
| 2025 | 0.141 | 127 | 18 |
| 2026 | 0.130 | 131 | 17 |
| 2027 | 0.120 | 135 | 16 |
| 2028 | 0.111 | 139 | 15 |
| 2029 | 0.102 | 144 | 15 |
| 2030 | 0.094 | 148 | 14 |
| Sum = | | | 736 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 3

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 3

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 3

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| PMR: 3 x 1 CC-F Brownfield Moderate | | | |
|-------------------------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 72 | 52 |
| 2006 | 0.665 | 73 | 48 |
| 2007 | 0.613 | 74 | 45 |
| 2008 | 0.565 | 75 | 43 |
| 2009 | 0.521 | 78 | 40 |
| 2010 | 0.480 | 80 | 38 |
| 2011 | 0.442 | 82 | 36 |
| 2012 | 0.408 | 85 | 35 |
| 2013 | 0.376 | 88 | 33 |
| 2014 | 0.346 | 90 | 31 |
| 2015 | 0.319 | 93 | 30 |
| 2016 | 0.294 | 96 | 28 |
| 2017 | 0.271 | 99 | 27 |
| 2018 | 0.250 | 102 | 26 |
| 2019 | 0.230 | 105 | 24 |
| 2020 | 0.212 | 109 | 23 |
| 2021 | 0.196 | 112 | 22 |
| 2022 | 0.180 | 116 | 21 |
| 2023 | 0.166 | 119 | 20 |
| 2024 | 0.153 | 123 | 19 |
| 2025 | 0.141 | 127 | 18 |
| 2026 | 0.130 | 131 | 17 |
| 2027 | 0.120 | 135 | 16 |
| 2028 | 0.111 | 139 | 15 |
| 2029 | 0.102 | 144 | 15 |
| 2030 | 0.094 | 148 | 14 |
| Sum = | | | 736 |

| PMR: 3 x 1 CC-F Brownfield Light | | | |
|----------------------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 72 | 52 |
| 2006 | 0.665 | 73 | 48 |
| 2007 | 0.613 | 74 | 45 |
| 2008 | 0.565 | 75 | 43 |
| 2009 | 0.521 | 78 | 40 |
| 2010 | 0.480 | 80 | 38 |
| 2011 | 0.442 | 82 | 36 |
| 2012 | 0.408 | 85 | 35 |
| 2013 | 0.376 | 88 | 33 |
| 2014 | 0.346 | 90 | 31 |
| 2015 | 0.319 | 93 | 30 |
| 2016 | 0.294 | 96 | 28 |
| 2017 | 0.271 | 99 | 27 |
| 2018 | 0.250 | 102 | 26 |
| 2019 | 0.230 | 105 | 24 |
| 2020 | 0.212 | 109 | 23 |
| 2021 | 0.196 | 112 | 22 |
| 2022 | 0.180 | 116 | 21 |
| 2023 | 0.166 | 119 | 20 |
| 2024 | 0.153 | 123 | 19 |
| 2025 | 0.141 | 127 | 18 |
| 2026 | 0.130 | 131 | 17 |
| 2027 | 0.120 | 135 | 16 |
| 2028 | 0.111 | 139 | 15 |
| 2029 | 0.102 | 144 | 15 |
| 2030 | 0.094 | 148 | 14 |
| Sum = | | | 736 |

| PMT: 3 x 1 CC-F Brownfield Moderate | | | |
|-------------------------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 72 | 52 |
| 2006 | 0.665 | 73 | 48 |
| 2007 | 0.613 | 74 | 45 |
| 2008 | 0.565 | 75 | 43 |
| 2009 | 0.521 | 78 | 40 |
| 2010 | 0.480 | 80 | 38 |
| 2011 | 0.442 | 82 | 36 |
| 2012 | 0.408 | 85 | 35 |
| 2013 | 0.376 | 88 | 33 |
| 2014 | 0.346 | 90 | 31 |
| 2015 | 0.319 | 93 | 30 |
| 2016 | 0.294 | 96 | 28 |
| 2017 | 0.271 | 99 | 27 |
| 2018 | 0.250 | 102 | 26 |
| 2019 | 0.230 | 105 | 24 |
| 2020 | 0.212 | 109 | 23 |
| 2021 | 0.196 | 112 | 22 |
| 2022 | 0.180 | 116 | 21 |
| 2023 | 0.166 | 119 | 20 |
| 2024 | 0.153 | 123 | 19 |
| 2025 | 0.141 | 127 | 18 |
| 2026 | 0.130 | 131 | 17 |
| 2027 | 0.120 | 135 | 16 |
| 2028 | 0.111 | 139 | 15 |
| 2029 | 0.102 | 144 | 15 |
| 2030 | 0.094 | 148 | 14 |
| Sum = | | | 736 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 8

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 4

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 4

| Year | Annual Discount Factor 0.085 | PPE 3&4: 2-4 x 1 CC-F Repowering Light | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 192 | 139 |
| 2006 | 0.665 | 194 | 129 |
| 2007 | 0.613 | 196 | 120 |
| 2008 | 0.565 | 201 | 114 |
| 2009 | 0.521 | 207 | 108 |
| 2010 | 0.480 | 213 | 102 |
| 2011 | 0.442 | 220 | 97 |
| 2012 | 0.408 | 227 | 92 |
| 2013 | 0.376 | 234 | 88 |
| 2014 | 0.346 | 241 | 83 |
| 2015 | 0.319 | 248 | 79 |
| 2016 | 0.294 | 256 | 75 |
| 2017 | 0.271 | 264 | 72 |
| 2018 | 0.250 | 273 | 68 |
| 2019 | 0.230 | 281 | 65 |
| 2020 | 0.212 | 289 | 61 |
| 2021 | 0.196 | 299 | 58 |
| 2022 | 0.180 | 308 | 56 |
| 2023 | 0.166 | 318 | 53 |
| 2024 | 0.153 | 328 | 50 |
| 2025 | 0.141 | 338 | 48 |
| 2026 | 0.130 | 349 | 45 |
| 2027 | 0.120 | 360 | 43 |
| 2028 | 0.111 | 371 | 41 |
| 2029 | 0.102 | 383 | 39 |
| 2030 | 0.094 | 395 | 37 |
| Sum = | | 1,963 | |

| Year | Annual Discount Factor 0.085 | PMR: 4 x 1 CC-F Expansion Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 96 | 69 |
| 2006 | 0.665 | 97 | 64 |
| 2007 | 0.613 | 98 | 60 |
| 2008 | 0.565 | 101 | 57 |
| 2009 | 0.521 | 104 | 54 |
| 2010 | 0.480 | 107 | 51 |
| 2011 | 0.442 | 110 | 49 |
| 2012 | 0.408 | 113 | 46 |
| 2013 | 0.376 | 117 | 44 |
| 2014 | 0.346 | 120 | 42 |
| 2015 | 0.319 | 124 | 40 |
| 2016 | 0.294 | 128 | 38 |
| 2017 | 0.271 | 132 | 36 |
| 2018 | 0.250 | 136 | 34 |
| 2019 | 0.230 | 140 | 32 |
| 2020 | 0.212 | 145 | 31 |
| 2021 | 0.196 | 149 | 29 |
| 2022 | 0.180 | 154 | 28 |
| 2023 | 0.166 | 159 | 26 |
| 2024 | 0.153 | 164 | 25 |
| 2025 | 0.141 | 169 | 24 |
| 2026 | 0.130 | 175 | 23 |
| 2027 | 0.120 | 180 | 22 |
| 2028 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | 982 | |

| Year | Annual Discount Factor 0.085 | PMR: 4 x 1 CC-F Brownfield Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 96 | 69 |
| 2006 | 0.665 | 97 | 64 |
| 2007 | 0.613 | 98 | 60 |
| 2008 | 0.565 | 101 | 57 |
| 2009 | 0.521 | 104 | 54 |
| 2010 | 0.480 | 107 | 51 |
| 2011 | 0.442 | 110 | 49 |
| 2012 | 0.408 | 113 | 46 |
| 2013 | 0.376 | 117 | 44 |
| 2014 | 0.346 | 120 | 42 |
| 2015 | 0.319 | 124 | 40 |
| 2016 | 0.294 | 128 | 38 |
| 2017 | 0.271 | 132 | 36 |
| 2018 | 0.250 | 136 | 34 |
| 2019 | 0.230 | 140 | 32 |
| 2020 | 0.212 | 145 | 31 |
| 2021 | 0.196 | 149 | 29 |
| 2022 | 0.180 | 154 | 28 |
| 2023 | 0.166 | 159 | 26 |
| 2024 | 0.153 | 164 | 25 |
| 2025 | 0.141 | 169 | 24 |
| 2026 | 0.130 | 175 | 23 |
| 2027 | 0.120 | 180 | 22 |
| 2028 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | 982 | |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 5,000
 Number of units = 2

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 1

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 6,000
 Number of CT's = 1

| Year | Annual Discount Factor 0.085 | PMR: 2-300 MW Brownfield | |
|------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 60 | 43 |
| 2006 | 0.665 | 61 | 40 |
| 2007 | 0.613 | 61 | 38 |
| 2008 | 0.565 | 63 | 36 |
| 2009 | 0.521 | 65 | 34 |
| 2010 | 0.480 | 67 | 32 |
| 2011 | 0.442 | 69 | 30 |
| 2012 | 0.408 | 71 | 29 |
| 2013 | 0.376 | 73 | 27 |
| 2014 | 0.346 | 75 | 26 |
| 2015 | 0.319 | 78 | 25 |
| 2016 | 0.294 | 80 | 24 |
| 2017 | 0.271 | 82 | 22 |
| 2018 | 0.250 | 85 | 21 |
| 2019 | 0.230 | 88 | 20 |
| 2020 | 0.212 | 90 | 19 |
| 2021 | 0.196 | 93 | 18 |
| 2022 | 0.180 | 96 | 17 |
| 2023 | 0.166 | 99 | 17 |
| 2024 | 0.153 | 102 | 16 |
| 2025 | 0.141 | 106 | 15 |
| 2026 | 0.130 | 109 | 14 |
| 2027 | 0.120 | 113 | 13 |
| 2028 | 0.111 | 116 | 13 |
| 2029 | 0.102 | 120 | 12 |
| 2030 | 0.094 | 123 | 12 |
| | | Sum = | 614 |

| Year | Annual Discount Factor 0.085 | PSN Peaker & PA: 1 x 0 SC-F PSN4 | |
|------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 24 | 17 |
| 2006 | 0.665 | 24 | 16 |
| 2007 | 0.613 | 25 | 15 |
| 2008 | 0.565 | 25 | 14 |
| 2009 | 0.521 | 26 | 13 |
| 2010 | 0.480 | 27 | 13 |
| 2011 | 0.442 | 27 | 12 |
| 2012 | 0.408 | 28 | 12 |
| 2013 | 0.376 | 29 | 11 |
| 2014 | 0.346 | 30 | 10 |
| 2015 | 0.319 | 31 | 10 |
| 2016 | 0.294 | 32 | 9 |
| 2017 | 0.271 | 33 | 9 |
| 2018 | 0.250 | 34 | 9 |
| 2019 | 0.230 | 35 | 8 |
| 2020 | 0.212 | 36 | 8 |
| 2021 | 0.196 | 37 | 7 |
| 2022 | 0.180 | 39 | 7 |
| 2023 | 0.166 | 40 | 7 |
| 2024 | 0.153 | 41 | 6 |
| 2025 | 0.141 | 42 | 6 |
| 2026 | 0.130 | 44 | 6 |
| 2027 | 0.120 | 45 | 5 |
| 2028 | 0.111 | 46 | 5 |
| 2029 | 0.102 | 48 | 5 |
| 2030 | 0.094 | 49 | 5 |
| | | Sum = | 245 |

| Year | Annual Discount Factor 0.085 | PSN Peaker & PA: 1 x 0 SC-F PSN5 | |
|------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 36 | 26 |
| 2006 | 0.665 | 36 | 24 |
| 2007 | 0.613 | 37 | 23 |
| 2008 | 0.565 | 38 | 21 |
| 2009 | 0.521 | 39 | 20 |
| 2010 | 0.480 | 40 | 19 |
| 2011 | 0.442 | 41 | 18 |
| 2012 | 0.408 | 43 | 17 |
| 2013 | 0.376 | 44 | 16 |
| 2014 | 0.346 | 45 | 16 |
| 2015 | 0.319 | 47 | 15 |
| 2016 | 0.294 | 48 | 14 |
| 2017 | 0.271 | 49 | 13 |
| 2018 | 0.250 | 51 | 13 |
| 2019 | 0.230 | 53 | 12 |
| 2020 | 0.212 | 54 | 12 |
| 2021 | 0.196 | 56 | 11 |
| 2022 | 0.180 | 58 | 10 |
| 2023 | 0.166 | 60 | 10 |
| 2024 | 0.153 | 61 | 9 |
| 2025 | 0.141 | 63 | 9 |
| 2026 | 0.130 | 65 | 9 |
| 2027 | 0.120 | 68 | 8 |
| 2028 | 0.111 | 70 | 8 |
| 2029 | 0.102 | 72 | 7 |
| 2030 | 0.094 | 74 | 7 |
| | | Sum = | 368 |

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 1

CT: Greenfield Site

| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
|-------|---------------------------------|---|--|
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 400 | 289 |
| 2006 | 0.665 | 404 | 268 |
| 2007 | 0.613 | 408 | 250 |
| 2008 | 0.565 | 419 | 237 |
| 2009 | 0.521 | 431 | 225 |
| 2010 | 0.480 | 445 | 213 |
| 2011 | 0.442 | 458 | 203 |
| 2012 | 0.408 | 473 | 193 |
| 2013 | 0.376 | 487 | 183 |
| 2014 | 0.346 | 502 | 174 |
| 2015 | 0.319 | 517 | 165 |
| 2016 | 0.294 | 534 | 157 |
| 2017 | 0.271 | 550 | 149 |
| 2018 | 0.250 | 568 | 142 |
| 2019 | 0.230 | 585 | 135 |
| 2020 | 0.212 | 603 | 128 |
| 2021 | 0.196 | 622 | 122 |
| 2022 | 0.180 | 642 | 116 |
| 2023 | 0.166 | 662 | 110 |
| 2024 | 0.153 | 683 | 105 |
| 2025 | 0.141 | 705 | 99 |
| 2026 | 0.130 | 727 | 95 |
| 2027 | 0.120 | 750 | 90 |
| 2028 | 0.111 | 773 | 85 |
| 2029 | 0.102 | 799 | 81 |
| 2030 | 0.094 | 823 | 77 |
| Sum = | | | 4,090 |

FPL Options: 2006 Start Year

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 2

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 3

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 3

| Year | Annual Discount Factor 0.085 | PFM: 2 x 1 CC-F Expansion Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 48 | 32 |
| 2007 | 0.613 | 49 | 30 |
| 2008 | 0.565 | 50 | 28 |
| 2009 | 0.521 | 52 | 27 |
| 2010 | 0.480 | 53 | 26 |
| 2011 | 0.442 | 55 | 24 |
| 2012 | 0.408 | 57 | 23 |
| 2013 | 0.376 | 58 | 22 |
| 2014 | 0.346 | 60 | 21 |
| 2015 | 0.319 | 62 | 20 |
| 2016 | 0.294 | 64 | 19 |
| 2017 | 0.271 | 66 | 18 |
| 2018 | 0.250 | 68 | 17 |
| 2019 | 0.230 | 70 | 16 |
| 2020 | 0.212 | 72 | 15 |
| 2021 | 0.196 | 75 | 15 |
| 2022 | 0.180 | 77 | 14 |
| 2023 | 0.166 | 79 | 13 |
| 2024 | 0.153 | 82 | 13 |
| 2025 | 0.141 | 85 | 12 |
| 2026 | 0.130 | 87 | 11 |
| 2027 | 0.120 | 90 | 11 |
| 2028 | 0.111 | 93 | 10 |
| 2029 | 0.102 | 96 | 10 |
| 2030 | 0.094 | 99 | 9 |
| Sum = | | | 456 |

| Year | Annual Discount Factor 0.085 | PMR: 3 x 1 CC-F Expansion Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 73 | 48 |
| 2007 | 0.613 | 74 | 45 |
| 2008 | 0.565 | 75 | 43 |
| 2009 | 0.521 | 78 | 40 |
| 2010 | 0.480 | 80 | 38 |
| 2011 | 0.442 | 82 | 36 |
| 2012 | 0.408 | 85 | 35 |
| 2013 | 0.376 | 88 | 33 |
| 2014 | 0.346 | 90 | 31 |
| 2015 | 0.319 | 93 | 30 |
| 2016 | 0.294 | 96 | 28 |
| 2017 | 0.271 | 99 | 27 |
| 2018 | 0.250 | 102 | 26 |
| 2019 | 0.230 | 105 | 24 |
| 2020 | 0.212 | 109 | 23 |
| 2021 | 0.196 | 112 | 22 |
| 2022 | 0.180 | 116 | 21 |
| 2023 | 0.166 | 119 | 20 |
| 2024 | 0.153 | 123 | 19 |
| 2025 | 0.141 | 127 | 18 |
| 2026 | 0.130 | 131 | 17 |
| 2027 | 0.120 | 135 | 16 |
| 2028 | 0.111 | 139 | 15 |
| 2029 | 0.102 | 144 | 15 |
| 2030 | 0.094 | 148 | 14 |
| Sum = | | | 684 |

| Year | Annual Discount Factor 0.085 | PMR: 3 x 1 CC-F Brownfield Heavy | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 73 | 48 |
| 2007 | 0.613 | 74 | 45 |
| 2008 | 0.565 | 75 | 43 |
| 2009 | 0.521 | 78 | 40 |
| 2010 | 0.480 | 80 | 38 |
| 2011 | 0.442 | 82 | 36 |
| 2012 | 0.408 | 85 | 35 |
| 2013 | 0.376 | 88 | 33 |
| 2014 | 0.346 | 90 | 31 |
| 2015 | 0.319 | 93 | 30 |
| 2016 | 0.294 | 96 | 28 |
| 2017 | 0.271 | 99 | 27 |
| 2018 | 0.250 | 102 | 26 |
| 2019 | 0.230 | 105 | 24 |
| 2020 | 0.212 | 109 | 23 |
| 2021 | 0.196 | 112 | 22 |
| 2022 | 0.180 | 116 | 21 |
| 2023 | 0.166 | 119 | 20 |
| 2024 | 0.153 | 123 | 19 |
| 2025 | 0.141 | 127 | 18 |
| 2026 | 0.130 | 131 | 17 |
| 2027 | 0.120 | 135 | 16 |
| 2028 | 0.111 | 139 | 15 |
| 2029 | 0.102 | 144 | 15 |
| 2030 | 0.094 | 148 | 14 |
| Sum = | | | 684 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 3

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 3

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 3

| Year | Annual Discount Factor 0.085 | PMR: 3 x 1 CC-F Brownfield Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 73 | 48 |
| 2007 | 0.613 | 74 | 45 |
| 2008 | 0.565 | 75 | 43 |
| 2009 | 0.521 | 78 | 40 |
| 2010 | 0.480 | 80 | 38 |
| 2011 | 0.442 | 82 | 36 |
| 2012 | 0.408 | 85 | 35 |
| 2013 | 0.376 | 88 | 33 |
| 2014 | 0.346 | 90 | 31 |
| 2015 | 0.319 | 93 | 30 |
| 2016 | 0.294 | 96 | 28 |
| 2017 | 0.271 | 99 | 27 |
| 2018 | 0.250 | 102 | 26 |
| 2019 | 0.230 | 105 | 24 |
| 2020 | 0.212 | 109 | 23 |
| 2021 | 0.196 | 112 | 22 |
| 2022 | 0.180 | 116 | 21 |
| 2023 | 0.166 | 119 | 20 |
| 2024 | 0.153 | 123 | 19 |
| 2025 | 0.141 | 127 | 18 |
| 2026 | 0.130 | 131 | 17 |
| 2027 | 0.120 | 135 | 16 |
| 2028 | 0.111 | 139 | 15 |
| 2029 | 0.102 | 144 | 15 |
| 2030 | 0.094 | 148 | 14 |
| Sum = | | 684 | |

| Year | Annual Discount Factor 0.085 | PMR: 3 x 1 CC-F Brownfield Light | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 73 | 48 |
| 2007 | 0.613 | 74 | 45 |
| 2008 | 0.565 | 75 | 43 |
| 2009 | 0.521 | 78 | 40 |
| 2010 | 0.480 | 80 | 38 |
| 2011 | 0.442 | 82 | 36 |
| 2012 | 0.408 | 85 | 35 |
| 2013 | 0.376 | 88 | 33 |
| 2014 | 0.346 | 90 | 31 |
| 2015 | 0.319 | 93 | 30 |
| 2016 | 0.294 | 96 | 28 |
| 2017 | 0.271 | 99 | 27 |
| 2018 | 0.250 | 102 | 26 |
| 2019 | 0.230 | 105 | 24 |
| 2020 | 0.212 | 109 | 23 |
| 2021 | 0.196 | 112 | 22 |
| 2022 | 0.180 | 116 | 21 |
| 2023 | 0.166 | 119 | 20 |
| 2024 | 0.153 | 123 | 19 |
| 2025 | 0.141 | 127 | 18 |
| 2026 | 0.130 | 131 | 17 |
| 2027 | 0.120 | 135 | 16 |
| 2028 | 0.111 | 139 | 15 |
| 2029 | 0.102 | 144 | 15 |
| 2030 | 0.094 | 148 | 14 |
| Sum = | | 684 | |

| Year | Annual Discount Factor 0.085 | PMT: 3 x 1 CC-F Brownfield Moderate | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 73 | 48 |
| 2007 | 0.613 | 74 | 45 |
| 2008 | 0.565 | 75 | 43 |
| 2009 | 0.521 | 78 | 40 |
| 2010 | 0.480 | 80 | 38 |
| 2011 | 0.442 | 82 | 36 |
| 2012 | 0.408 | 85 | 35 |
| 2013 | 0.376 | 88 | 33 |
| 2014 | 0.346 | 90 | 31 |
| 2015 | 0.319 | 93 | 30 |
| 2016 | 0.294 | 96 | 28 |
| 2017 | 0.271 | 99 | 27 |
| 2018 | 0.250 | 102 | 26 |
| 2019 | 0.230 | 105 | 24 |
| 2020 | 0.212 | 109 | 23 |
| 2021 | 0.196 | 112 | 22 |
| 2022 | 0.180 | 116 | 21 |
| 2023 | 0.166 | 119 | 20 |
| 2024 | 0.153 | 123 | 19 |
| 2025 | 0.141 | 127 | 18 |
| 2026 | 0.130 | 131 | 17 |
| 2027 | 0.120 | 135 | 16 |
| 2028 | 0.111 | 139 | 15 |
| 2029 | 0.102 | 144 | 15 |
| 2030 | 0.094 | 148 | 14 |
| Sum = | | 684 | |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 8

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 4

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 4

| PPE 3&4: 2-4 x 1 CC-F Repowering Light | | | |
|--|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 194 | 129 |
| 2007 | 0.613 | 196 | 120 |
| 2008 | 0.565 | 201 | 114 |
| 2009 | 0.521 | 207 | 108 |
| 2010 | 0.480 | 213 | 102 |
| 2011 | 0.442 | 220 | 97 |
| 2012 | 0.408 | 227 | 92 |
| 2013 | 0.376 | 234 | 88 |
| 2014 | 0.346 | 241 | 83 |
| 2015 | 0.319 | 248 | 79 |
| 2016 | 0.294 | 256 | 75 |
| 2017 | 0.271 | 264 | 72 |
| 2018 | 0.250 | 273 | 68 |
| 2019 | 0.230 | 281 | 65 |
| 2020 | 0.212 | 289 | 61 |
| 2021 | 0.196 | 299 | 58 |
| 2022 | 0.180 | 308 | 56 |
| 2023 | 0.166 | 318 | 53 |
| 2024 | 0.153 | 328 | 50 |
| 2025 | 0.141 | 338 | 48 |
| 2026 | 0.130 | 349 | 45 |
| 2027 | 0.120 | 360 | 43 |
| 2028 | 0.111 | 371 | 41 |
| 2029 | 0.102 | 383 | 39 |
| 2030 | 0.094 | 395 | 37 |
| Sum = | | | 1,825 |

| PMR: 4 x 1 CC-F Expansion Moderate | | | |
|------------------------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 97 | 64 |
| 2007 | 0.613 | 98 | 60 |
| 2008 | 0.565 | 101 | 57 |
| 2009 | 0.521 | 104 | 54 |
| 2010 | 0.480 | 107 | 51 |
| 2011 | 0.442 | 110 | 49 |
| 2012 | 0.408 | 113 | 46 |
| 2013 | 0.376 | 117 | 44 |
| 2014 | 0.346 | 120 | 42 |
| 2015 | 0.319 | 124 | 40 |
| 2016 | 0.294 | 128 | 38 |
| 2017 | 0.271 | 132 | 36 |
| 2018 | 0.250 | 136 | 34 |
| 2019 | 0.230 | 140 | 32 |
| 2020 | 0.212 | 145 | 31 |
| 2021 | 0.196 | 149 | 29 |
| 2022 | 0.180 | 154 | 28 |
| 2023 | 0.166 | 159 | 26 |
| 2024 | 0.153 | 164 | 25 |
| 2025 | 0.141 | 169 | 24 |
| 2026 | 0.130 | 175 | 23 |
| 2027 | 0.120 | 180 | 22 |
| 2028 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | | 912 |

| PMR: 4 x 1 CC-F Brownfield Moderate | | | |
|-------------------------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 97 | 64 |
| 2007 | 0.613 | 98 | 60 |
| 2008 | 0.565 | 101 | 57 |
| 2009 | 0.521 | 104 | 54 |
| 2010 | 0.480 | 107 | 51 |
| 2011 | 0.442 | 110 | 49 |
| 2012 | 0.408 | 113 | 46 |
| 2013 | 0.376 | 117 | 44 |
| 2014 | 0.346 | 120 | 42 |
| 2015 | 0.319 | 124 | 40 |
| 2016 | 0.294 | 128 | 38 |
| 2017 | 0.271 | 132 | 36 |
| 2018 | 0.250 | 136 | 34 |
| 2019 | 0.230 | 140 | 32 |
| 2020 | 0.212 | 145 | 31 |
| 2021 | 0.196 | 149 | 29 |
| 2022 | 0.180 | 154 | 28 |
| 2023 | 0.166 | 159 | 26 |
| 2024 | 0.153 | 164 | 25 |
| 2025 | 0.141 | 169 | 24 |
| 2026 | 0.130 | 175 | 23 |
| 2027 | 0.120 | 180 | 22 |
| 2028 | 0.111 | 186 | 21 |
| 2029 | 0.102 | 192 | 20 |
| 2030 | 0.094 | 198 | 19 |
| Sum = | | | 912 |

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 5,000
 Number of units = 2

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 1

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 6,000
 Number of CT's = 1

| Year | Annual Discount Factor 0.085 | PMR: 2-300 MW Brownfield | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 61 | 40 |
| 2007 | 0.613 | 61 | 38 |
| 2008 | 0.565 | 63 | 36 |
| 2009 | 0.521 | 65 | 34 |
| 2010 | 0.480 | 67 | 32 |
| 2011 | 0.442 | 69 | 30 |
| 2012 | 0.408 | 71 | 29 |
| 2013 | 0.376 | 73 | 27 |
| 2014 | 0.346 | 75 | 26 |
| 2015 | 0.319 | 78 | 25 |
| 2016 | 0.294 | 80 | 24 |
| 2017 | 0.271 | 82 | 22 |
| 2018 | 0.250 | 85 | 21 |
| 2019 | 0.230 | 88 | 20 |
| 2020 | 0.212 | 90 | 19 |
| 2021 | 0.196 | 93 | 18 |
| 2022 | 0.180 | 96 | 17 |
| 2023 | 0.166 | 99 | 17 |
| 2024 | 0.153 | 102 | 16 |
| 2025 | 0.141 | 106 | 15 |
| 2026 | 0.130 | 109 | 14 |
| 2027 | 0.120 | 113 | 13 |
| 2028 | 0.111 | 116 | 13 |
| 2029 | 0.102 | 120 | 12 |
| 2030 | 0.094 | 123 | 12 |
| Sum = | | | 570 |

| Year | Annual Discount Factor 0.085 | PSN Peaker & PA: 1 x 0 SC-F PSN4 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 24 | 16 |
| 2007 | 0.613 | 25 | 15 |
| 2008 | 0.565 | 25 | 14 |
| 2009 | 0.521 | 26 | 13 |
| 2010 | 0.480 | 27 | 13 |
| 2011 | 0.442 | 27 | 12 |
| 2012 | 0.408 | 28 | 12 |
| 2013 | 0.376 | 29 | 11 |
| 2014 | 0.346 | 30 | 10 |
| 2015 | 0.319 | 31 | 10 |
| 2016 | 0.294 | 32 | 9 |
| 2017 | 0.271 | 33 | 9 |
| 2018 | 0.250 | 34 | 9 |
| 2019 | 0.230 | 35 | 8 |
| 2020 | 0.212 | 36 | 8 |
| 2021 | 0.196 | 37 | 7 |
| 2022 | 0.180 | 39 | 7 |
| 2023 | 0.166 | 40 | 7 |
| 2024 | 0.153 | 41 | 6 |
| 2025 | 0.141 | 42 | 6 |
| 2026 | 0.130 | 44 | 6 |
| 2027 | 0.120 | 45 | 5 |
| 2028 | 0.111 | 46 | 5 |
| 2029 | 0.102 | 48 | 5 |
| 2030 | 0.094 | 49 | 5 |
| Sum = | | | 228 |

| Year | Annual Discount Factor 0.085 | PSN Peaker & PA: 1 x 0 SC-F PSN5 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 36 | 24 |
| 2007 | 0.613 | 37 | 23 |
| 2008 | 0.565 | 38 | 21 |
| 2009 | 0.521 | 39 | 20 |
| 2010 | 0.480 | 40 | 19 |
| 2011 | 0.442 | 41 | 18 |
| 2012 | 0.408 | 43 | 17 |
| 2013 | 0.376 | 44 | 16 |
| 2014 | 0.346 | 45 | 16 |
| 2015 | 0.319 | 47 | 15 |
| 2016 | 0.294 | 48 | 14 |
| 2017 | 0.271 | 49 | 13 |
| 2018 | 0.250 | 51 | 13 |
| 2019 | 0.230 | 53 | 12 |
| 2020 | 0.212 | 54 | 12 |
| 2021 | 0.196 | 56 | 11 |
| 2022 | 0.180 | 58 | 10 |
| 2023 | 0.166 | 60 | 10 |
| 2024 | 0.153 | 61 | 9 |
| 2025 | 0.141 | 63 | 9 |
| 2026 | 0.130 | 65 | 9 |
| 2027 | 0.120 | 68 | 8 |
| 2028 | 0.111 | 70 | 8 |
| 2029 | 0.102 | 72 | 7 |
| 2030 | 0.094 | 74 | 7 |
| Sum = | | | 342 |

Assumed Number of Annual Start-ups = 100
 The start-up cost per annual start-up is = 4,000
 Number of CT's = 1

| CT: Greenfield Site | | | |
|---------------------|---------------------------------|---|--|
| Year | Annual Discount Factor 0.085 | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 404 | 268 |
| 2007 | 0.613 | 408 | 250 |
| 2008 | 0.565 | 419 | 237 |
| 2009 | 0.521 | 431 | 225 |
| 2010 | 0.480 | 445 | 213 |
| 2011 | 0.442 | 458 | 203 |
| 2012 | 0.408 | 473 | 193 |
| 2013 | 0.376 | 487 | 183 |
| 2014 | 0.346 | 502 | 174 |
| 2015 | 0.319 | 517 | 165 |
| 2016 | 0.294 | 534 | 157 |
| 2017 | 0.271 | 550 | 149 |
| 2018 | 0.250 | 568 | 142 |
| 2019 | 0.230 | 585 | 135 |
| 2020 | 0.212 | 603 | 128 |
| 2021 | 0.196 | 622 | 122 |
| 2022 | 0.180 | 642 | 116 |
| 2023 | 0.166 | 662 | 110 |
| 2024 | 0.153 | 683 | 105 |
| 2025 | 0.141 | 705 | 99 |
| 2026 | 0.130 | 727 | 95 |
| 2027 | 0.120 | 750 | 90 |
| 2028 | 0.111 | 773 | 85 |
| 2029 | 0.102 | 799 | 81 |
| 2030 | 0.094 | 823 | 77 |
| Sum = | | | 3,802 |

In-service year = 2005-2014

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

First 100 starts per year are included in the pricing.

| Year | Annual Discount Factor 0.085 | FC 1 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2011

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 7,600

Start-up cost is escalated at CPI

| Year | Annual Discount Factor 0.085 | FC 2 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 46 | 33 |
| 2006 | 0.665 | 47 | 31 |
| 2007 | 0.613 | 48 | 29 |
| 2008 | 0.565 | 49 | 28 |
| 2009 | 0.521 | 50 | 26 |
| 2010 | 0.480 | 52 | 25 |
| 2011 | 0.442 | 53 | 23 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 196 |

In-service year = 2005-2029

Assumed Number of Annual Start-ups = 6 due to high dispatch cost

The start-up cost per annual start-up is = 17,500

1-100 starts/year per unit

Multiply by 3 because there are 3 units 3

| Year | Annual Discount Factor 0.085 | FC 3 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 315 | 227 |
| 2006 | 0.665 | 318 | 211 |
| 2007 | 0.613 | 321 | 197 |
| 2008 | 0.565 | 324 | 183 |
| 2009 | 0.521 | 327 | 170 |
| 2010 | 0.480 | 330 | 158 |
| 2011 | 0.442 | 334 | 148 |
| 2012 | 0.408 | 337 | 138 |
| 2013 | 0.376 | 341 | 128 |
| 2014 | 0.346 | 345 | 119 |
| 2015 | 0.319 | 349 | 111 |
| 2016 | 0.294 | 352 | 104 |
| 2017 | 0.271 | 356 | 97 |
| 2018 | 0.250 | 360 | 90 |
| 2019 | 0.230 | 364 | 84 |
| 2020 | 0.212 | 368 | 78 |
| 2021 | 0.196 | 372 | 73 |
| 2022 | 0.180 | 376 | 68 |
| 2023 | 0.166 | 381 | 63 |
| 2024 | 0.153 | 385 | 59 |
| 2025 | 0.141 | 389 | 55 |
| 2026 | 0.130 | 393 | 51 |
| 2027 | 0.120 | 398 | 48 |
| 2028 | 0.111 | 402 | 44 |
| 2029 | 0.102 | 406 | 41 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 2,745 |

In-service year = 2006-2025
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 8,586
 Firm transportation cost = 0.65

| Year | Annual Discount Factor 0.085 | FC 4 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 206 | 137 |
| 2007 | 0.613 | 208 | 127 |
| 2008 | 0.565 | 212 | 120 |
| 2009 | 0.521 | 217 | 113 |
| 2010 | 0.480 | 223 | 107 |
| 2011 | 0.442 | 229 | 101 |
| 2012 | 0.408 | 235 | 96 |
| 2013 | 0.376 | 241 | 91 |
| 2014 | 0.346 | 247 | 86 |
| 2015 | 0.319 | 254 | 81 |
| 2016 | 0.294 | 261 | 77 |
| 2017 | 0.271 | 268 | 73 |
| 2018 | 0.250 | 276 | 69 |
| 2019 | 0.230 | 283 | 65 |
| 2020 | 0.212 | 291 | 62 |
| 2021 | 0.196 | 299 | 58 |
| 2022 | 0.180 | 307 | 55 |
| 2023 | 0.166 | 316 | 52 |
| 2024 | 0.153 | 325 | 50 |
| 2025 | 0.141 | 334 | 47 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 1,666 |

In-service year = 2006-2011

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

| Year | Annual Discount Factor 0.085 | FC 5 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2007

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

36,000

| Year | Annual Discount Factor 0.085 | FC 6 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 216 | 156 |
| 2006 | 0.665 | 216 | 144 |
| 2007 | 0.613 | 216 | 132 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 432 |

In-service year = 2004-2013

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

Proposal states: 50 free starts per year. Above that, costs to be negotiated for hot, warm, or cold startups.

| Year | Annual Discount Factor 0.085 | FC 7 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2014

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

No value given

| Year | Annual Discount Factor 0.085 | FC 8 | |
|-------|------------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | No value given | No value given |
| 2006 | 0.665 | No value given | No value given |
| 2007 | 0.613 | No value given | No value given |
| 2008 | 0.565 | No value given | No value given |
| 2009 | 0.521 | No value given | No value given |
| 2010 | 0.480 | No value given | No value given |
| 2011 | 0.442 | No value given | No value given |
| 2012 | 0.408 | No value given | No value given |
| 2013 | 0.376 | No value given | No value given |
| 2014 | 0.346 | No value given | No value given |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = ?

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

Ineligible Proposal

| Year | Annual Discount Factor 0.085 | FC 9 | |
|------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | Ineligible Proposal | Ineligible Proposal |
| 2002 | 0.922 | Ineligible Proposal | Ineligible Proposal |
| 2003 | 0.849 | Ineligible Proposal | Ineligible Proposal |
| 2004 | 0.783 | Ineligible Proposal | Ineligible Proposal |
| 2005 | 0.722 | Ineligible Proposal | Ineligible Proposal |
| 2006 | 0.665 | Ineligible Proposal | Ineligible Proposal |
| 2007 | 0.613 | Ineligible Proposal | Ineligible Proposal |
| 2008 | 0.565 | Ineligible Proposal | Ineligible Proposal |
| 2009 | 0.521 | Ineligible Proposal | Ineligible Proposal |
| 2010 | 0.480 | Ineligible Proposal | Ineligible Proposal |
| 2011 | 0.442 | Ineligible Proposal | Ineligible Proposal |
| 2012 | 0.408 | Ineligible Proposal | Ineligible Proposal |
| 2013 | 0.376 | Ineligible Proposal | Ineligible Proposal |
| 2014 | 0.346 | Ineligible Proposal | Ineligible Proposal |
| 2015 | 0.319 | Ineligible Proposal | Ineligible Proposal |
| 2016 | 0.294 | Ineligible Proposal | Ineligible Proposal |
| 2017 | 0.271 | Ineligible Proposal | Ineligible Proposal |
| 2018 | 0.250 | Ineligible Proposal | Ineligible Proposal |
| 2019 | 0.230 | Ineligible Proposal | Ineligible Proposal |
| 2020 | 0.212 | Ineligible Proposal | Ineligible Proposal |
| 2021 | 0.196 | Ineligible Proposal | Ineligible Proposal |
| 2022 | 0.180 | Ineligible Proposal | Ineligible Proposal |
| 2023 | 0.166 | Ineligible Proposal | Ineligible Proposal |
| 2024 | 0.153 | Ineligible Proposal | Ineligible Proposal |
| 2025 | 0.141 | Ineligible Proposal | Ineligible Proposal |
| 2026 | 0.130 | Ineligible Proposal | Ineligible Proposal |
| 2027 | 0.120 | Ineligible Proposal | Ineligible Proposal |
| 2028 | 0.111 | Ineligible Proposal | Ineligible Proposal |
| 2029 | 0.102 | Ineligible Proposal | Ineligible Proposal |
| 2030 | 0.094 | Ineligible Proposal | Ineligible Proposal |
| | | Sum = | Ineligible Proposal |

In-service year = 2005-2014

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

| Year | Annual Discount Factor 0.085 | FC 10 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2009

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

N/A - System Sale

| Year | Annual Discount Factor 0.085 | FC 11 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | N/A - System Sale | N/A - System Sale |
| 2006 | 0.665 | N/A - System Sale | N/A - System Sale |
| 2007 | 0.613 | N/A - System Sale | N/A - System Sale |
| 2008 | 0.565 | N/A - System Sale | N/A - System Sale |
| 2009 | 0.521 | N/A - System Sale | N/A - System Sale |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2013

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

15,000

| Year | Annual Discount Factor 0.085 | FC 12 | |
|------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 90 | 65 |
| 2006 | 0.665 | 90 | 60 |
| 2007 | 0.613 | 90 | 55 |
| 2008 | 0.565 | 90 | 51 |
| 2009 | 0.521 | 90 | 47 |
| 2010 | 0.480 | 90 | 43 |
| 2011 | 0.442 | 90 | 40 |
| 2012 | 0.408 | 90 | 37 |
| 2013 | 0.376 | 90 | 34 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| | | Sum = | 431 |

In-service year = 2004-2013

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

Proposal states: 50 free starts per year. Above that, costs to be negotiated for hot, warm, or cold startups.

| Year | Annual Discount Factor 0.085 | FC 13 | |
|------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| | | Sum = | 0 |

In-service year = 2006-2015
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 23000
 A 2.5% annual escalation applies = 1.025

| Year | Annual Discount Factor 0.085 | FC 14 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 138 | 92 |
| 2007 | 0.613 | 141 | 87 |
| 2008 | 0.565 | 145 | 82 |
| 2009 | 0.521 | 149 | 77 |
| 2010 | 0.480 | 152 | 73 |
| 2011 | 0.442 | 156 | 69 |
| 2012 | 0.408 | 160 | 65 |
| 2013 | 0.376 | 164 | 62 |
| 2014 | 0.346 | 168 | 58 |
| 2015 | 0.319 | 172 | 55 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 720 |

In-service year = 2005-2024

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,293
 Firm transportation cost = 0.55

| Year | Annual Discount Factor 0.085 | FC 15 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 99 | 72 |
| 2006 | 0.665 | 100 | 67 |
| 2007 | 0.613 | 101 | 62 |
| 2008 | 0.565 | 104 | 58 |
| 2009 | 0.521 | 106 | 55 |
| 2010 | 0.480 | 109 | 52 |
| 2011 | 0.442 | 112 | 49 |
| 2012 | 0.408 | 115 | 47 |
| 2013 | 0.376 | 118 | 44 |
| 2014 | 0.346 | 121 | 42 |
| 2015 | 0.319 | 124 | 40 |
| 2016 | 0.294 | 128 | 38 |
| 2017 | 0.271 | 131 | 36 |
| 2018 | 0.250 | 135 | 34 |
| 2019 | 0.230 | 139 | 32 |
| 2020 | 0.212 | 143 | 30 |
| 2021 | 0.196 | 147 | 29 |
| 2022 | 0.180 | 151 | 27 |
| 2023 | 0.166 | 155 | 26 |
| 2024 | 0.153 | 160 | 24 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 864 |

In-service year = 2005-2007

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 1,580

Multiply by FPL Gas Forecast to get start-up price

Multiply by 2 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 16 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 63 | 45 |
| 2006 | 0.665 | 63 | 42 |
| 2007 | 0.613 | 64 | 39 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 127 |

Note: Plus Start Charges

A. For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.

B. For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2005-2014

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

No value given

| Year | Annual Discount Factor 0.085 | FC 17 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | No value given | No value given |
| 2006 | 0.665 | No value given | No value given |
| 2007 | 0.613 | No value given | No value given |
| 2008 | 0.565 | No value given | No value given |
| 2009 | 0.521 | No value given | No value given |
| 2010 | 0.480 | No value given | No value given |
| 2011 | 0.442 | No value given | No value given |
| 2012 | 0.408 | No value given | No value given |
| 2013 | 0.376 | No value given | No value given |
| 2014 | 0.346 | No value given | No value given |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2029

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

| Year | Annual Discount Factor 0.085 | FC 18 | |
|-------|------------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2007

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 8,500

| Year | Annual Discount Factor 0.085 | FC 19 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 51 | 37 |
| 2006 | 0.665 | 51 | 34 |
| 2007 | 0.613 | 51 | 31 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 102 |

In-service year = 2005-2009
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 10,000
 Assumes 75% load factor

| Year | Annual Discount Factor 0.085 | FC 20 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 60 | 43 |
| 2006 | 0.665 | 60 | 40 |
| 2007 | 0.613 | 60 | 37 |
| 2008 | 0.565 | 60 | 34 |
| 2009 | 0.521 | 60 | 31 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 185 |

In-service year = ?

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

Not available - Turnkey

| Year | Annual Discount Factor 0.085 | FC 21 | |
|------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | Not available - Turnkey | Not available - Turnkey |
| 2002 | 0.922 | Not available - Turnkey | Not available - Turnkey |
| 2003 | 0.849 | Not available - Turnkey | Not available - Turnkey |
| 2004 | 0.783 | Not available - Turnkey | Not available - Turnkey |
| 2005 | 0.722 | Not available - Turnkey | Not available - Turnkey |
| 2006 | 0.665 | Not available - Turnkey | Not available - Turnkey |
| 2007 | 0.613 | Not available - Turnkey | Not available - Turnkey |
| 2008 | 0.565 | Not available - Turnkey | Not available - Turnkey |
| 2009 | 0.521 | Not available - Turnkey | Not available - Turnkey |
| 2010 | 0.480 | Not available - Turnkey | Not available - Turnkey |
| 2011 | 0.442 | Not available - Turnkey | Not available - Turnkey |
| 2012 | 0.408 | Not available - Turnkey | Not available - Turnkey |
| 2013 | 0.376 | Not available - Turnkey | Not available - Turnkey |
| 2014 | 0.346 | Not available - Turnkey | Not available - Turnkey |
| 2015 | 0.319 | Not available - Turnkey | Not available - Turnkey |
| 2016 | 0.294 | Not available - Turnkey | Not available - Turnkey |
| 2017 | 0.271 | Not available - Turnkey | Not available - Turnkey |
| 2018 | 0.250 | Not available - Turnkey | Not available - Turnkey |
| 2019 | 0.230 | Not available - Turnkey | Not available - Turnkey |
| 2020 | 0.212 | Not available - Turnkey | Not available - Turnkey |
| 2021 | 0.196 | Not available - Turnkey | Not available - Turnkey |
| 2022 | 0.180 | Not available - Turnkey | Not available - Turnkey |
| 2023 | 0.166 | Not available - Turnkey | Not available - Turnkey |
| 2024 | 0.153 | Not available - Turnkey | Not available - Turnkey |
| 2025 | 0.141 | Not available - Turnkey | Not available - Turnkey |
| 2026 | 0.130 | Not available - Turnkey | Not available - Turnkey |
| 2027 | 0.120 | Not available - Turnkey | Not available - Turnkey |
| 2028 | 0.111 | Not available - Turnkey | Not available - Turnkey |
| 2029 | 0.102 | Not available - Turnkey | Not available - Turnkey |
| 2030 | 0.094 | Not available - Turnkey | Not available - Turnkey |
| | | Sum = | Not available - Turnkey |

In-service year = 2005-2014

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

No value given

| Year | Annual Discount Factor 0.085 | FC 22 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | No value given | No value given |
| 2006 | 0.665 | No value given | No value given |
| 2007 | 0.613 | No value given | No value given |
| 2008 | 0.565 | No value given | No value given |
| 2009 | 0.521 | No value given | No value given |
| 2010 | 0.480 | No value given | No value given |
| 2011 | 0.442 | No value given | No value given |
| 2012 | 0.408 | No value given | No value given |
| 2013 | 0.376 | No value given | No value given |
| 2014 | 0.346 | No value given | No value given |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2009
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 10,000
 Assumes 75% load factor

| Year | Annual Discount Factor 0.085 | FC 23 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 60 | 43 |
| 2006 | 0.665 | 60 | 40 |
| 2007 | 0.613 | 60 | 37 |
| 2008 | 0.565 | 60 | 34 |
| 2009 | 0.521 | 60 | 31 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 185 |

In-service year = 2006-2015
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 2,330
 Number of Units = 3

| Year | Annual Discount Factor 0.085 | FC 24 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 102 | 68 |
| 2007 | 0.613 | 102 | 63 |
| 2008 | 0.565 | 103 | 58 |
| 2009 | 0.521 | 104 | 54 |
| 2010 | 0.480 | 105 | 50 |
| 2011 | 0.442 | 106 | 47 |
| 2012 | 0.408 | 107 | 44 |
| 2013 | 0.376 | 108 | 41 |
| 2014 | 0.346 | 109 | 38 |
| 2015 | 0.319 | 110 | 35 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 498 |

Note: Cost estimate includes fixed costs per startup only
 Fuel cost not included. (" Fuel cost/start/unit = \$3,317
 fuel cost will escalate at actual Henry Hub prices for
 natural gas divided by \$2.50/mmbtu.")

In-service year = 2005-2014
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 2,330
 Number of Units = 3

| Year | Annual Discount Factor 0.085 | FC 25 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 102 | 73 |
| 2006 | 0.665 | 102 | 68 |
| 2007 | 0.613 | 103 | 63 |
| 2008 | 0.565 | 104 | 59 |
| 2009 | 0.521 | 105 | 55 |
| 2010 | 0.480 | 106 | 51 |
| 2011 | 0.442 | 107 | 47 |
| 2012 | 0.408 | 108 | 44 |
| 2013 | 0.376 | 109 | 41 |
| 2014 | 0.346 | 110 | 38 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 539 |

Note: Cost estimate includes fixed costs per startup only
 Fuel cost not included. (" Fuel cost/start/unit = \$3,317
 fuel cost will escalate at actual Henry Hub prices for
 natural gas divided by \$2.50/mmbtu.")

In-service year = 2005-2014

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 2,330
 Number of Units = 3

| Year | Annual Discount Factor 0.085 | FC 26 | |
|------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 102 | 73 |
| 2006 | 0.665 | 102 | 68 |
| 2007 | 0.613 | 103 | 63 |
| 2008 | 0.565 | 104 | 59 |
| 2009 | 0.521 | 105 | 55 |
| 2010 | 0.480 | 106 | 51 |
| 2011 | 0.442 | 107 | 47 |
| 2012 | 0.408 | 108 | 44 |
| 2013 | 0.376 | 109 | 41 |
| 2014 | 0.346 | 110 | 38 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| | | Sum = | 539 |

Note: Cost estimate includes fixed costs per startup only
 Fuel cost not included. (" Fuel cost/start/unit = \$3,317
 fuel cost will escalate at actual Henry Hub prices for
 natural gas divided by \$2.50/mmbtu.")

In-service year = 2005-2014

Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 2,330
 Number of Units = 3

| Year | Annual Discount Factor 0.085 | FC 27 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 42 | 30 |
| 2006 | 0.665 | 42 | 28 |
| 2007 | 0.613 | 42 | 26 |
| 2008 | 0.565 | 42 | 24 |
| 2009 | 0.521 | 42 | 22 |
| 2010 | 0.480 | 42 | 20 |
| 2011 | 0.442 | 42 | 19 |
| 2012 | 0.408 | 42 | 17 |
| 2013 | 0.376 | 42 | 16 |
| 2014 | 0.346 | 42 | 15 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 215 |

Note: Cost estimate includes fixed costs per startup only
 Fuel cost not included. (" Fuel cost/start/unit = \$3,317
 fuel cost will escalate at actual Henry Hub prices for
 natural gas divided by \$2.50/mmbtu.")

In-service year = 2005-2014

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

| Year | Annual Discount Factor 0.085 | FC 28 | |
|-------|------------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2029

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

| Year | Annual Discount Factor 0.085 | FC 29 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2006-2012

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 7,600

Start-up cost is escalated at CPI

| Year | Annual Discount Factor 0.085 | FC 30 | |
|-------|------------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 46 | 33 |
| 2006 | 0.665 | 47 | 31 |
| 2007 | 0.613 | 48 | 29 |
| 2008 | 0.565 | 49 | 28 |
| 2009 | 0.521 | 50 | 26 |
| 2010 | 0.480 | 52 | 25 |
| 2011 | 0.442 | 53 | 23 |
| 2012 | 0.408 | 54 | 22 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 218 |

In-service year = ?

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

Not available - Turnkey

| Year | Annual Discount Factor 0.085 | FC 31 | |
|------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | Not available - Turnkey | Not available - Turnkey |
| 2002 | 0.922 | Not available - Turnkey | Not available - Turnkey |
| 2003 | 0.849 | Not available - Turnkey | Not available - Turnkey |
| 2004 | 0.783 | Not available - Turnkey | Not available - Turnkey |
| 2005 | 0.722 | Not available - Turnkey | Not available - Turnkey |
| 2006 | 0.665 | Not available - Turnkey | Not available - Turnkey |
| 2007 | 0.613 | Not available - Turnkey | Not available - Turnkey |
| 2008 | 0.565 | Not available - Turnkey | Not available - Turnkey |
| 2009 | 0.521 | Not available - Turnkey | Not available - Turnkey |
| 2010 | 0.480 | Not available - Turnkey | Not available - Turnkey |
| 2011 | 0.442 | Not available - Turnkey | Not available - Turnkey |
| 2012 | 0.408 | Not available - Turnkey | Not available - Turnkey |
| 2013 | 0.376 | Not available - Turnkey | Not available - Turnkey |
| 2014 | 0.346 | Not available - Turnkey | Not available - Turnkey |
| 2015 | 0.319 | Not available - Turnkey | Not available - Turnkey |
| 2016 | 0.294 | Not available - Turnkey | Not available - Turnkey |
| 2017 | 0.271 | Not available - Turnkey | Not available - Turnkey |
| 2018 | 0.250 | Not available - Turnkey | Not available - Turnkey |
| 2019 | 0.230 | Not available - Turnkey | Not available - Turnkey |
| 2020 | 0.212 | Not available - Turnkey | Not available - Turnkey |
| 2021 | 0.196 | Not available - Turnkey | Not available - Turnkey |
| 2022 | 0.180 | Not available - Turnkey | Not available - Turnkey |
| 2023 | 0.166 | Not available - Turnkey | Not available - Turnkey |
| 2024 | 0.153 | Not available - Turnkey | Not available - Turnkey |
| 2025 | 0.141 | Not available - Turnkey | Not available - Turnkey |
| 2026 | 0.130 | Not available - Turnkey | Not available - Turnkey |
| 2027 | 0.120 | Not available - Turnkey | Not available - Turnkey |
| 2028 | 0.111 | Not available - Turnkey | Not available - Turnkey |
| 2029 | 0.102 | Not available - Turnkey | Not available - Turnkey |
| 2030 | 0.094 | Not available - Turnkey | Not available - Turnkey |
| | | Sum = | Not available - Turnkey |

In-service year = ?

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

Not available - Turnkey

| Year | Annual Discount Factor 0.085 | FC 32 | |
|------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | Not available - Turnkey | Not available - Turnkey |
| 2002 | 0.922 | Not available - Turnkey | Not available - Turnkey |
| 2003 | 0.849 | Not available - Turnkey | Not available - Turnkey |
| 2004 | 0.783 | Not available - Turnkey | Not available - Turnkey |
| 2005 | 0.722 | Not available - Turnkey | Not available - Turnkey |
| 2006 | 0.665 | Not available - Turnkey | Not available - Turnkey |
| 2007 | 0.613 | Not available - Turnkey | Not available - Turnkey |
| 2008 | 0.565 | Not available - Turnkey | Not available - Turnkey |
| 2009 | 0.521 | Not available - Turnkey | Not available - Turnkey |
| 2010 | 0.480 | Not available - Turnkey | Not available - Turnkey |
| 2011 | 0.442 | Not available - Turnkey | Not available - Turnkey |
| 2012 | 0.408 | Not available - Turnkey | Not available - Turnkey |
| 2013 | 0.376 | Not available - Turnkey | Not available - Turnkey |
| 2014 | 0.346 | Not available - Turnkey | Not available - Turnkey |
| 2015 | 0.319 | Not available - Turnkey | Not available - Turnkey |
| 2016 | 0.294 | Not available - Turnkey | Not available - Turnkey |
| 2017 | 0.271 | Not available - Turnkey | Not available - Turnkey |
| 2018 | 0.250 | Not available - Turnkey | Not available - Turnkey |
| 2019 | 0.230 | Not available - Turnkey | Not available - Turnkey |
| 2020 | 0.212 | Not available - Turnkey | Not available - Turnkey |
| 2021 | 0.196 | Not available - Turnkey | Not available - Turnkey |
| 2022 | 0.180 | Not available - Turnkey | Not available - Turnkey |
| 2023 | 0.166 | Not available - Turnkey | Not available - Turnkey |
| 2024 | 0.153 | Not available - Turnkey | Not available - Turnkey |
| 2025 | 0.141 | Not available - Turnkey | Not available - Turnkey |
| 2026 | 0.130 | Not available - Turnkey | Not available - Turnkey |
| 2027 | 0.120 | Not available - Turnkey | Not available - Turnkey |
| 2028 | 0.111 | Not available - Turnkey | Not available - Turnkey |
| 2029 | 0.102 | Not available - Turnkey | Not available - Turnkey |
| 2030 | 0.094 | Not available - Turnkey | Not available - Turnkey |
| | | Sum = | Not available - Turnkey |

In-service year = ?

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

Not available - Turnkey

| Year | Annual Discount Factor 0.085 | FC 33 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | Not available - Turnkey | Not available - Turnkey |
| 2002 | 0.922 | Not available - Turnkey | Not available - Turnkey |
| 2003 | 0.849 | Not available - Turnkey | Not available - Turnkey |
| 2004 | 0.783 | Not available - Turnkey | Not available - Turnkey |
| 2005 | 0.722 | Not available - Turnkey | Not available - Turnkey |
| 2006 | 0.665 | Not available - Turnkey | Not available - Turnkey |
| 2007 | 0.613 | Not available - Turnkey | Not available - Turnkey |
| 2008 | 0.565 | Not available - Turnkey | Not available - Turnkey |
| 2009 | 0.521 | Not available - Turnkey | Not available - Turnkey |
| 2010 | 0.480 | Not available - Turnkey | Not available - Turnkey |
| 2011 | 0.442 | Not available - Turnkey | Not available - Turnkey |
| 2012 | 0.408 | Not available - Turnkey | Not available - Turnkey |
| 2013 | 0.376 | Not available - Turnkey | Not available - Turnkey |
| 2014 | 0.346 | Not available - Turnkey | Not available - Turnkey |
| 2015 | 0.319 | Not available - Turnkey | Not available - Turnkey |
| 2016 | 0.294 | Not available - Turnkey | Not available - Turnkey |
| 2017 | 0.271 | Not available - Turnkey | Not available - Turnkey |
| 2018 | 0.250 | Not available - Turnkey | Not available - Turnkey |
| 2019 | 0.230 | Not available - Turnkey | Not available - Turnkey |
| 2020 | 0.212 | Not available - Turnkey | Not available - Turnkey |
| 2021 | 0.196 | Not available - Turnkey | Not available - Turnkey |
| 2022 | 0.180 | Not available - Turnkey | Not available - Turnkey |
| 2023 | 0.166 | Not available - Turnkey | Not available - Turnkey |
| 2024 | 0.153 | Not available - Turnkey | Not available - Turnkey |
| 2025 | 0.141 | Not available - Turnkey | Not available - Turnkey |
| 2026 | 0.130 | Not available - Turnkey | Not available - Turnkey |
| 2027 | 0.120 | Not available - Turnkey | Not available - Turnkey |
| 2028 | 0.111 | Not available - Turnkey | Not available - Turnkey |
| 2029 | 0.102 | Not available - Turnkey | Not available - Turnkey |
| 2030 | 0.094 | Not available - Turnkey | Not available - Turnkey |
| Sum = | | | Not available - Turnkey |

In-service year = 2003-2011

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

N/A - System Sale

| Year | Annual Discount Factor 0.085 | FC 34 | |
|-------|------------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | N/A - System Sale | N/A - System Sale |
| 2004 | 0.783 | N/A - System Sale | N/A - System Sale |
| 2005 | 0.722 | N/A - System Sale | N/A - System Sale |
| 2006 | 0.665 | N/A - System Sale | N/A - System Sale |
| 2007 | 0.613 | N/A - System Sale | N/A - System Sale |
| 2008 | 0.565 | N/A - System Sale | N/A - System Sale |
| 2009 | 0.521 | N/A - System Sale | N/A - System Sale |
| 2010 | 0.480 | N/A - System Sale | N/A - System Sale |
| 2011 | 0.442 | N/A - System Sale | N/A - System Sale |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2003-2011

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

N/A - System Sale

| Year | Annual Discount Factor 0.085 | FC 35 | |
|------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | N/A - System Sale | N/A - System Sale |
| 2004 | 0.783 | N/A - System Sale | N/A - System Sale |
| 2005 | 0.722 | N/A - System Sale | N/A - System Sale |
| 2006 | 0.665 | N/A - System Sale | N/A - System Sale |
| 2007 | 0.613 | N/A - System Sale | N/A - System Sale |
| 2008 | 0.565 | N/A - System Sale | N/A - System Sale |
| 2009 | 0.521 | N/A - System Sale | N/A - System Sale |
| 2010 | 0.480 | N/A - System Sale | N/A - System Sale |
| 2011 | 0.442 | N/A - System Sale | N/A - System Sale |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| | | Sum = | 0 |

In-service year = 2004-2011

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

N/A - System Sale

| Year | Annual Discount Factor 0.085 | FC 36 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | N/A - System Sale | N/A - System Sale |
| 2005 | 0.722 | N/A - System Sale | N/A - System Sale |
| 2006 | 0.665 | N/A - System Sale | N/A - System Sale |
| 2007 | 0.613 | N/A - System Sale | N/A - System Sale |
| 2008 | 0.565 | N/A - System Sale | N/A - System Sale |
| 2009 | 0.521 | N/A - System Sale | N/A - System Sale |
| 2010 | 0.480 | N/A - System Sale | N/A - System Sale |
| 2011 | 0.442 | N/A - System Sale | N/A - System Sale |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2004-2011

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

N/A - System Sale

| Year | Annual Discount Factor 0.085 | FC 37 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | N/A - System Sale | N/A - System Sale |
| 2005 | 0.722 | N/A - System Sale | N/A - System Sale |
| 2006 | 0.665 | N/A - System Sale | N/A - System Sale |
| 2007 | 0.613 | N/A - System Sale | N/A - System Sale |
| 2008 | 0.565 | N/A - System Sale | N/A - System Sale |
| 2009 | 0.521 | N/A - System Sale | N/A - System Sale |
| 2010 | 0.480 | N/A - System Sale | N/A - System Sale |
| 2011 | 0.442 | N/A - System Sale | N/A - System Sale |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2009

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

N/A - System Sale

| Year | Annual Discount Factor 0.085 | FC 38 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | N/A - System Sale | N/A - System Sale |
| 2006 | 0.665 | N/A - System Sale | N/A - System Sale |
| 2007 | 0.613 | N/A - System Sale | N/A - System Sale |
| 2008 | 0.565 | N/A - System Sale | N/A - System Sale |
| 2009 | 0.521 | N/A - System Sale | N/A - System Sale |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2014

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 1,580

Multiply by FPL Gas Forecast to get start-up price

Multiply by 2 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 39 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 63 | 45 |
| 2006 | 0.665 | 63 | 42 |
| 2007 | 0.613 | 64 | 39 |
| 2008 | 0.565 | 66 | 37 |
| 2009 | 0.521 | 68 | 35 |
| 2010 | 0.480 | 70 | 33 |
| 2011 | 0.442 | 72 | 32 |
| 2012 | 0.408 | 74 | 30 |
| 2013 | 0.376 | 76 | 29 |
| 2014 | 0.346 | 79 | 27 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 351 |

Note: Plus Start Charges

A. For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.

B. For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2005-2014

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 36,000

| Year | Annual Discount Factor 0.085 | FC 40 | |
|-------|------------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 216 | 156 |
| 2006 | 0.665 | 216 | 144 |
| 2007 | 0.613 | 216 | 132 |
| 2008 | 0.565 | 216 | 122 |
| 2009 | 0.521 | 216 | 112 |
| 2010 | 0.480 | 216 | 104 |
| 2011 | 0.442 | 216 | 96 |
| 2012 | 0.408 | 216 | 88 |
| 2013 | 0.376 | 216 | 81 |
| 2014 | 0.346 | 216 | 75 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 1,110 |

In-service year = 2005-2009

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 1,580

Multiply by FPL Gas Forecast to get start-up price

Multiply by 2 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 41 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 63 | 45 |
| 2006 | 0.665 | 63 | 42 |
| 2007 | 0.613 | 64 | 39 |
| 2008 | 0.565 | 66 | 37 |
| 2009 | 0.521 | 68 | 35 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 199 |

Note: Plus Start Charges

A. For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.

B. For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2005-2007

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 1,580

Multiply by FPL Gas Forecast to get start-up price

Multiply by 3 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 42 | |
|-------|------------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 94 | 68 |
| 2006 | 0.665 | 95 | 63 |
| 2007 | 0.613 | 96 | 59 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 190 |

Note: Plus Start Charges

A. For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.

B. For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2005-2009

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 1,580

Multiply by FPL Gas Forecast to get start-up price

Multiply by 3 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 43 | |
|-------|------------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 94 | 68 |
| 2006 | 0.665 | 95 | 63 |
| 2007 | 0.613 | 96 | 59 |
| 2008 | 0.565 | 99 | 56 |
| 2009 | 0.521 | 102 | 53 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 299 |

Note: Plus Start Charges

A. For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.

B. For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2005-2014
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 1,580
 Multiply by FPL Gas Forecast to get start-up price
 Multiply by 3 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 44 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 94 | 68 |
| 2006 | 0.665 | 95 | 63 |
| 2007 | 0.613 | 96 | 59 |
| 2008 | 0.565 | 99 | 56 |
| 2009 | 0.521 | 102 | 53 |
| 2010 | 0.480 | 105 | 50 |
| 2011 | 0.442 | 108 | 48 |
| 2012 | 0.408 | 111 | 45 |
| 2013 | 0.376 | 115 | 43 |
| 2014 | 0.346 | 118 | 41 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 526 |

Note: Plus Start Charges

A. For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.

B. For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2005-2009
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 1,580
 Multiply by FPL Gas Forecast to get start-up price
 Multiply by 6 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 45 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 188 | 136 |
| 2006 | 0.665 | 190 | 126 |
| 2007 | 0.613 | 192 | 118 |
| 2008 | 0.565 | 197 | 112 |
| 2009 | 0.521 | 203 | 106 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 597 |

Note: Plus Start Charges

- A.** For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.
- B.** For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2005-2014
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 1,580
 Multiply by FPL Gas Forecast to get start-up price
 Multiply by 6 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 46 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 188 | 136 |
| 2006 | 0.665 | 190 | 126 |
| 2007 | 0.613 | 192 | 118 |
| 2008 | 0.565 | 197 | 112 |
| 2009 | 0.521 | 203 | 106 |
| 2010 | 0.480 | 209 | 100 |
| 2011 | 0.442 | 216 | 95 |
| 2012 | 0.408 | 222 | 91 |
| 2013 | 0.376 | 229 | 86 |
| 2014 | 0.346 | 236 | 82 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 1,052 |

Note: Plus Start Charges

- A. For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.
- B. For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2006-2015

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

First 100 starts per year are included in the pricing.

| Year | Annual Discount Factor 0.085 | FC 47 | |
|-------|------------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2009

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

N/A - System Sale

| Year | Annual Discount Factor 0.085 | FC 48 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | N/A - System Sale | N/A - System Sale |
| 2006 | 0.665 | N/A - System Sale | N/A - System Sale |
| 2007 | 0.613 | N/A - System Sale | N/A - System Sale |
| 2008 | 0.565 | N/A - System Sale | N/A - System Sale |
| 2009 | 0.521 | N/A - System Sale | N/A - System Sale |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2009

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

N/A - System Sale

| Year | Annual Discount Factor 0.085 | FC 49 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | N/A - System Sale | N/A - System Sale |
| 2006 | 0.665 | N/A - System Sale | N/A - System Sale |
| 2007 | 0.613 | N/A - System Sale | N/A - System Sale |
| 2008 | 0.565 | N/A - System Sale | N/A - System Sale |
| 2009 | 0.521 | N/A - System Sale | N/A - System Sale |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2006-2008

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 36,000

| Year | Annual Discount Factor 0.085 | FC 50 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 216 | 144 |
| 2007 | 0.613 | 216 | 132 |
| 2008 | 0.565 | 216 | 122 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 398 |

Inservice year = 2006-2015

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 36,000

| Year | Annual Discount Factor 0.085 | FC 51 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 216 | 144 |
| 2007 | 0.613 | 216 | 132 |
| 2008 | 0.565 | 216 | 122 |
| 2009 | 0.521 | 216 | 112 |
| 2010 | 0.480 | 216 | 104 |
| 2011 | 0.442 | 216 | 96 |
| 2012 | 0.408 | 216 | 88 |
| 2013 | 0.376 | 216 | 81 |
| 2014 | 0.346 | 216 | 75 |
| 2015 | 0.319 | 216 | 69 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 1,023 |

In-service year = 2003-2011

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

N/A - System Sale

| Year | Annual Discount Factor 0.085 | FC 52 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | N/A - System Sale | N/A - System Sale |
| 2004 | 0.783 | N/A - System Sale | N/A - System Sale |
| 2005 | 0.722 | N/A - System Sale | N/A - System Sale |
| 2006 | 0.665 | N/A - System Sale | N/A - System Sale |
| 2007 | 0.613 | N/A - System Sale | N/A - System Sale |
| 2008 | 0.565 | N/A - System Sale | N/A - System Sale |
| 2009 | 0.521 | N/A - System Sale | N/A - System Sale |
| 2010 | 0.480 | N/A - System Sale | N/A - System Sale |
| 2011 | 0.442 | N/A - System Sale | N/A - System Sale |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2014

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

Proposal states: 50 free starts per year. Above that, costs to be negotiated for hot, warm, or cold startups.

| Year | Annual Discount Factor 0.085 | FC 53 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2014

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

Proposal states: 50 free starts per year. Above that, costs to be negotiated for hot, warm, or cold startups.

| Year | Annual Discount Factor 0.085 | FC 54 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2006-2015
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 0
 Proposal states: 50 free starts per year. Above that, costs
 to be negotiated for hot, warm, or cold startups.

| Year | Annual Discount Factor 0.085 | FC 55 | |
|-------|------------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2006-2015

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

Proposal states: 50 free starts per year. Above that, costs to be negotiated for hot, warm, or cold startups.

| Year | Annual Discount Factor 0.085 | FC 56 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2006-2014

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

15,000

| Year | Annual Discount Factor 0.085 | FC 57 | |
|-------|------------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 90 | 60 |
| 2007 | 0.613 | 90 | 55 |
| 2008 | 0.565 | 90 | 51 |
| 2009 | 0.521 | 90 | 47 |
| 2010 | 0.480 | 90 | 43 |
| 2011 | 0.442 | 90 | 40 |
| 2012 | 0.408 | 90 | 37 |
| 2013 | 0.376 | 90 | 34 |
| 2014 | 0.346 | 90 | 31 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 397 |

In-service year = 2006-2008

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 8,500

| Year | Annual Discount Factor 0.085 | FC 58 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 51 | 34 |
| 2007 | 0.613 | 51 | 31 |
| 2008 | 0.565 | 51 | 29 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 94 |

In-service year = 2006-2010

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

10,000

Assumes 75% load factor

| Year | Annual Discount Factor 0.085 | FC 59 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 60 | 40 |
| 2007 | 0.613 | 60 | 37 |
| 2008 | 0.565 | 60 | 34 |
| 2009 | 0.521 | 60 | 31 |
| 2010 | 0.480 | 60 | 29 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 171 |

In-service year = 2006-2010
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 10,000
 Assumes 75% load factor

| Year | Annual Discount Factor 0.085 | FC 60 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 60 | 40 |
| 2007 | 0.613 | 60 | 37 |
| 2008 | 0.565 | 60 | 34 |
| 2009 | 0.521 | 60 | 31 |
| 2010 | 0.480 | 60 | 29 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 171 |

In-service year = 2006-2008

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

N/A - System Sale

| Year | Annual Discount Factor 0.085 | FC 61 | |
|-------|------------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | N/A - System Sale | N/A - System Sale |
| 2007 | 0.613 | N/A - System Sale | N/A - System Sale |
| 2008 | 0.565 | N/A - System Sale | N/A - System Sale |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2014

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

No value given

| Year | Annual Discount Factor 0.085 | FC 62 | |
|-------|------------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | No value given | No value given |
| 2006 | 0.665 | No value given | No value given |
| 2007 | 0.613 | No value given | No value given |
| 2008 | 0.565 | No value given | No value given |
| 2009 | 0.521 | No value given | No value given |
| 2010 | 0.480 | No value given | No value given |
| 2011 | 0.442 | No value given | No value given |
| 2012 | 0.408 | No value given | No value given |
| 2013 | 0.376 | No value given | No value given |
| 2014 | 0.346 | No value given | No value given |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2014

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

No value given

| Year | Annual Discount Factor 0.085 | FC 63 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | No value given | No value given |
| 2006 | 0.665 | No value given | No value given |
| 2007 | 0.613 | No value given | No value given |
| 2008 | 0.565 | No value given | No value given |
| 2009 | 0.521 | No value given | No value given |
| 2010 | 0.480 | No value given | No value given |
| 2011 | 0.442 | No value given | No value given |
| 2012 | 0.408 | No value given | No value given |
| 2013 | 0.376 | No value given | No value given |
| 2014 | 0.346 | No value given | No value given |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2005-2014

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

No value given

| Year | Annual Discount Factor 0.085 | FC 64 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | No value given | No value given |
| 2006 | 0.665 | No value given | No value given |
| 2007 | 0.613 | No value given | No value given |
| 2008 | 0.565 | No value given | No value given |
| 2009 | 0.521 | No value given | No value given |
| 2010 | 0.480 | No value given | No value given |
| 2011 | 0.442 | No value given | No value given |
| 2012 | 0.408 | No value given | No value given |
| 2013 | 0.376 | No value given | No value given |
| 2014 | 0.346 | No value given | No value given |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2006-2030

Assumed Number of Annual Start-ups = 6 due to high dispatch costs

The start-up cost per annual start-up is = 17,500

1-100 starts/year per unit

Multiply by 3 because there are 3 units 3

| Year | Annual Discount Factor 0.085 | FC 65 | |
|------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 318 | 211 |
| 2007 | 0.613 | 321 | 197 |
| 2008 | 0.565 | 324 | 183 |
| 2009 | 0.521 | 327 | 170 |
| 2010 | 0.480 | 330 | 158 |
| 2011 | 0.442 | 334 | 148 |
| 2012 | 0.408 | 337 | 138 |
| 2013 | 0.376 | 341 | 128 |
| 2014 | 0.346 | 345 | 119 |
| 2015 | 0.319 | 349 | 111 |
| 2016 | 0.294 | 352 | 104 |
| 2017 | 0.271 | 356 | 97 |
| 2018 | 0.250 | 360 | 90 |
| 2019 | 0.230 | 364 | 84 |
| 2020 | 0.212 | 368 | 78 |
| 2021 | 0.196 | 372 | 73 |
| 2022 | 0.180 | 376 | 68 |
| 2023 | 0.166 | 381 | 63 |
| 2024 | 0.153 | 385 | 59 |
| 2025 | 0.141 | 389 | 55 |
| 2026 | 0.130 | 393 | 51 |
| 2027 | 0.120 | 398 | 48 |
| 2028 | 0.111 | 402 | 44 |
| 2029 | 0.102 | 406 | 41 |
| 2030 | 0.094 | 411 | 39 |
| | | Sum = | 2,557 |

In-service year = 2006-2015

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

| Year | Annual Discount Factor 0.085 | FC 66 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2006-2030
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 0

| Year | Annual Discount Factor 0.085 | FC 67 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2006-2030

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

| Year | Annual Discount Factor 0.085 | FC 68 | |
|-------|------------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2006-2015

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 0

| Year | Annual Discount Factor 0.085 | FC 69 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 0 | 0 |
| 2007 | 0.613 | 0 | 0 |
| 2008 | 0.565 | 0 | 0 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 0 |

In-service year = 2006-2025
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 4,293
 Firm Transportation cost = 0.55

| Year | Annual Discount Factor 0.085 | FC 70 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 100 | 67 |
| 2007 | 0.613 | 101 | 62 |
| 2008 | 0.565 | 104 | 58 |
| 2009 | 0.521 | 106 | 55 |
| 2010 | 0.480 | 109 | 52 |
| 2011 | 0.442 | 112 | 49 |
| 2012 | 0.408 | 115 | 47 |
| 2013 | 0.376 | 118 | 44 |
| 2014 | 0.346 | 121 | 42 |
| 2015 | 0.319 | 124 | 40 |
| 2016 | 0.294 | 128 | 38 |
| 2017 | 0.271 | 131 | 36 |
| 2018 | 0.250 | 135 | 34 |
| 2019 | 0.230 | 139 | 32 |
| 2020 | 0.212 | 143 | 30 |
| 2021 | 0.196 | 147 | 29 |
| 2022 | 0.180 | 151 | 27 |
| 2023 | 0.166 | 155 | 26 |
| 2024 | 0.153 | 160 | 24 |
| 2025 | 0.141 | 164 | 23 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 816 |

In-service year = 2006-2008
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 1,580
 Multiply by FPL Gas Forecast to get start-up price
 Multiply by 2 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 71 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 63 | 42 |
| 2007 | 0.613 | 64 | 39 |
| 2008 | 0.565 | 66 | 37 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 119 |

Note: Plus Start Charges

- A.** For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.
- B.** For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2006-2015

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 1,580

Multiply by FPL Gas Forecast to get start-up price

Multiply by 2 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 72 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 63 | 42 |
| 2007 | 0.613 | 64 | 39 |
| 2008 | 0.565 | 66 | 37 |
| 2009 | 0.521 | 68 | 35 |
| 2010 | 0.480 | 70 | 33 |
| 2011 | 0.442 | 72 | 32 |
| 2012 | 0.408 | 74 | 30 |
| 2013 | 0.376 | 76 | 29 |
| 2014 | 0.346 | 79 | 27 |
| 2015 | 0.319 | 81 | 26 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 331 |

Note: Plus Start Charges

A. For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.

B. For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2006-2010

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 1,580

Multiply by FPL Gas Forecast to get start-up price

Multiply by 2 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 73 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 63 | 42 |
| 2007 | 0.613 | 64 | 39 |
| 2008 | 0.565 | 66 | 37 |
| 2009 | 0.521 | 68 | 35 |
| 2010 | 0.480 | 70 | 33 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 187 |

Note: Plus Start Charges

A. For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.

B. For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2006-2008
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 1,580
 Multiply by FPL Gas Forecast to get start-up price
 Multiply by 3 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 74 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 95 | 63 |
| 2007 | 0.613 | 96 | 59 |
| 2008 | 0.565 | 99 | 56 |
| 2009 | 0.521 | 0 | 0 |
| 2010 | 0.480 | 0 | 0 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 178 |

Note: Plus Start Charges

A. For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.

B. For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2006-2010

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is (MMBTU) = 1,580

Multiply by FPL Gas Forecast to get start-up price

Multiply by 3 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 75 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 95 | 63 |
| 2007 | 0.613 | 96 | 59 |
| 2008 | 0.565 | 99 | 56 |
| 2009 | 0.521 | 102 | 53 |
| 2010 | 0.480 | 105 | 50 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 281 |

Note: Plus Start Charges

A. For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.

B. For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2006-2015
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 1,580
 Multiply by FPL Gas Forecast to get start-up price
 Multiply by 3 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 76 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 95 | 63 |
| 2007 | 0.613 | 96 | 59 |
| 2008 | 0.565 | 99 | 56 |
| 2009 | 0.521 | 102 | 53 |
| 2010 | 0.480 | 105 | 50 |
| 2011 | 0.442 | 108 | 48 |
| 2012 | 0.408 | 111 | 45 |
| 2013 | 0.376 | 115 | 43 |
| 2014 | 0.346 | 118 | 41 |
| 2015 | 0.319 | 122 | 39 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 497 |

Note: Plus Start Charges

- A. For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.
- B. For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2006-2010

Assumed Number of Annual Start-ups = 6

The start-up cost per annual start-up is = 1,580

Multiply by FPL Gas Forecast to get start-up price

Multiply by 6 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 77 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 190 | 126 |
| 2007 | 0.613 | 192 | 118 |
| 2008 | 0.565 | 197 | 112 |
| 2009 | 0.521 | 203 | 106 |
| 2010 | 0.480 | 209 | 100 |
| 2011 | 0.442 | 0 | 0 |
| 2012 | 0.408 | 0 | 0 |
| 2013 | 0.376 | 0 | 0 |
| 2014 | 0.346 | 0 | 0 |
| 2015 | 0.319 | 0 | 0 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 562 |

Note: Plus Start Charges

A. For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.

B. For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = 2006-2015
 Assumed Number of Annual Start-ups = 6
 The start-up cost per annual start-up is = 1,580
 Multiply by FPL Gas Forecast to get start-up price
 Multiply by 6 because it is a per combustion turbine scenario

| Year | Annual Discount Factor 0.085 | FC 78 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | 0 | 0 |
| 2002 | 0.922 | 0 | 0 |
| 2003 | 0.849 | 0 | 0 |
| 2004 | 0.783 | 0 | 0 |
| 2005 | 0.722 | 0 | 0 |
| 2006 | 0.665 | 190 | 126 |
| 2007 | 0.613 | 192 | 118 |
| 2008 | 0.565 | 197 | 112 |
| 2009 | 0.521 | 203 | 106 |
| 2010 | 0.480 | 209 | 100 |
| 2011 | 0.442 | 216 | 95 |
| 2012 | 0.408 | 222 | 91 |
| 2013 | 0.376 | 229 | 86 |
| 2014 | 0.346 | 236 | 82 |
| 2015 | 0.319 | 243 | 78 |
| 2016 | 0.294 | 0 | 0 |
| 2017 | 0.271 | 0 | 0 |
| 2018 | 0.250 | 0 | 0 |
| 2019 | 0.230 | 0 | 0 |
| 2020 | 0.212 | 0 | 0 |
| 2021 | 0.196 | 0 | 0 |
| 2022 | 0.180 | 0 | 0 |
| 2023 | 0.166 | 0 | 0 |
| 2024 | 0.153 | 0 | 0 |
| 2025 | 0.141 | 0 | 0 |
| 2026 | 0.130 | 0 | 0 |
| 2027 | 0.120 | 0 | 0 |
| 2028 | 0.111 | 0 | 0 |
| 2029 | 0.102 | 0 | 0 |
| 2030 | 0.094 | 0 | 0 |
| Sum = | | | 993 |

Note: Plus Start Charges

- A. For dispatch greater than or equal to 30 hours; add \$10,000 per actual start after 50 starts/combustion turbine.
- B. For dispatch less than 30 hours; add \$15,000 per actual start after 50 starts/combustion turbine.

In-service year = ?

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

Not available - Turnkey

| Year | Annual Discount Factor 0.085 | FC 79 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | Not available - Turnkey | Not available - Turnkey |
| 2002 | 0.922 | Not available - Turnkey | Not available - Turnkey |
| 2003 | 0.849 | Not available - Turnkey | Not available - Turnkey |
| 2004 | 0.783 | Not available - Turnkey | Not available - Turnkey |
| 2005 | 0.722 | Not available - Turnkey | Not available - Turnkey |
| 2006 | 0.665 | Not available - Turnkey | Not available - Turnkey |
| 2007 | 0.613 | Not available - Turnkey | Not available - Turnkey |
| 2008 | 0.565 | Not available - Turnkey | Not available - Turnkey |
| 2009 | 0.521 | Not available - Turnkey | Not available - Turnkey |
| 2010 | 0.480 | Not available - Turnkey | Not available - Turnkey |
| 2011 | 0.442 | Not available - Turnkey | Not available - Turnkey |
| 2012 | 0.408 | Not available - Turnkey | Not available - Turnkey |
| 2013 | 0.376 | Not available - Turnkey | Not available - Turnkey |
| 2014 | 0.346 | Not available - Turnkey | Not available - Turnkey |
| 2015 | 0.319 | Not available - Turnkey | Not available - Turnkey |
| 2016 | 0.294 | Not available - Turnkey | Not available - Turnkey |
| 2017 | 0.271 | Not available - Turnkey | Not available - Turnkey |
| 2018 | 0.250 | Not available - Turnkey | Not available - Turnkey |
| 2019 | 0.230 | Not available - Turnkey | Not available - Turnkey |
| 2020 | 0.212 | Not available - Turnkey | Not available - Turnkey |
| 2021 | 0.196 | Not available - Turnkey | Not available - Turnkey |
| 2022 | 0.180 | Not available - Turnkey | Not available - Turnkey |
| 2023 | 0.166 | Not available - Turnkey | Not available - Turnkey |
| 2024 | 0.153 | Not available - Turnkey | Not available - Turnkey |
| 2025 | 0.141 | Not available - Turnkey | Not available - Turnkey |
| 2026 | 0.130 | Not available - Turnkey | Not available - Turnkey |
| 2027 | 0.120 | Not available - Turnkey | Not available - Turnkey |
| 2028 | 0.111 | Not available - Turnkey | Not available - Turnkey |
| 2029 | 0.102 | Not available - Turnkey | Not available - Turnkey |
| 2030 | 0.094 | Not available - Turnkey | Not available - Turnkey |
| Sum = | | | Not available - Turnkey |

In-service year = ?

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

Not available - Turnkey

| Year | Annual Discount Factor 0.085 | FC 80 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | Not available - Turnkey | Not available - Turnkey |
| 2002 | 0.922 | Not available - Turnkey | Not available - Turnkey |
| 2003 | 0.849 | Not available - Turnkey | Not available - Turnkey |
| 2004 | 0.783 | Not available - Turnkey | Not available - Turnkey |
| 2005 | 0.722 | Not available - Turnkey | Not available - Turnkey |
| 2006 | 0.665 | Not available - Turnkey | Not available - Turnkey |
| 2007 | 0.613 | Not available - Turnkey | Not available - Turnkey |
| 2008 | 0.565 | Not available - Turnkey | Not available - Turnkey |
| 2009 | 0.521 | Not available - Turnkey | Not available - Turnkey |
| 2010 | 0.480 | Not available - Turnkey | Not available - Turnkey |
| 2011 | 0.442 | Not available - Turnkey | Not available - Turnkey |
| 2012 | 0.408 | Not available - Turnkey | Not available - Turnkey |
| 2013 | 0.376 | Not available - Turnkey | Not available - Turnkey |
| 2014 | 0.346 | Not available - Turnkey | Not available - Turnkey |
| 2015 | 0.319 | Not available - Turnkey | Not available - Turnkey |
| 2016 | 0.294 | Not available - Turnkey | Not available - Turnkey |
| 2017 | 0.271 | Not available - Turnkey | Not available - Turnkey |
| 2018 | 0.250 | Not available - Turnkey | Not available - Turnkey |
| 2019 | 0.230 | Not available - Turnkey | Not available - Turnkey |
| 2020 | 0.212 | Not available - Turnkey | Not available - Turnkey |
| 2021 | 0.196 | Not available - Turnkey | Not available - Turnkey |
| 2022 | 0.180 | Not available - Turnkey | Not available - Turnkey |
| 2023 | 0.166 | Not available - Turnkey | Not available - Turnkey |
| 2024 | 0.153 | Not available - Turnkey | Not available - Turnkey |
| 2025 | 0.141 | Not available - Turnkey | Not available - Turnkey |
| 2026 | 0.130 | Not available - Turnkey | Not available - Turnkey |
| 2027 | 0.120 | Not available - Turnkey | Not available - Turnkey |
| 2028 | 0.111 | Not available - Turnkey | Not available - Turnkey |
| 2029 | 0.102 | Not available - Turnkey | Not available - Turnkey |
| 2030 | 0.094 | Not available - Turnkey | Not available - Turnkey |
| Sum = | | Not available - Turnkey | |

In-service year = ?

Assumed Number of Annual Start-ups =

6

The start-up cost per annual start-up is =

Not available - Turnkey

| Year | Annual Discount Factor 0.085 | FC 81 | |
|-------|---------------------------------|---|--|
| | | Annual Start-up Costs (Nominal \$ (000)) | Annual Start-up Costs (NPV \$(000)) |
| 2001 | 1 | Not available - Turnkey | Not available - Turnkey |
| 2002 | 0.922 | Not available - Turnkey | Not available - Turnkey |
| 2003 | 0.849 | Not available - Turnkey | Not available - Turnkey |
| 2004 | 0.783 | Not available - Turnkey | Not available - Turnkey |
| 2005 | 0.722 | Not available - Turnkey | Not available - Turnkey |
| 2006 | 0.665 | Not available - Turnkey | Not available - Turnkey |
| 2007 | 0.613 | Not available - Turnkey | Not available - Turnkey |
| 2008 | 0.565 | Not available - Turnkey | Not available - Turnkey |
| 2009 | 0.521 | Not available - Turnkey | Not available - Turnkey |
| 2010 | 0.480 | Not available - Turnkey | Not available - Turnkey |
| 2011 | 0.442 | Not available - Turnkey | Not available - Turnkey |
| 2012 | 0.408 | Not available - Turnkey | Not available - Turnkey |
| 2013 | 0.376 | Not available - Turnkey | Not available - Turnkey |
| 2014 | 0.346 | Not available - Turnkey | Not available - Turnkey |
| 2015 | 0.319 | Not available - Turnkey | Not available - Turnkey |
| 2016 | 0.294 | Not available - Turnkey | Not available - Turnkey |
| 2017 | 0.271 | Not available - Turnkey | Not available - Turnkey |
| 2018 | 0.250 | Not available - Turnkey | Not available - Turnkey |
| 2019 | 0.230 | Not available - Turnkey | Not available - Turnkey |
| 2020 | 0.212 | Not available - Turnkey | Not available - Turnkey |
| 2021 | 0.196 | Not available - Turnkey | Not available - Turnkey |
| 2022 | 0.180 | Not available - Turnkey | Not available - Turnkey |
| 2023 | 0.166 | Not available - Turnkey | Not available - Turnkey |
| 2024 | 0.153 | Not available - Turnkey | Not available - Turnkey |
| 2025 | 0.141 | Not available - Turnkey | Not available - Turnkey |
| 2026 | 0.130 | Not available - Turnkey | Not available - Turnkey |
| 2027 | 0.120 | Not available - Turnkey | Not available - Turnkey |
| 2028 | 0.111 | Not available - Turnkey | Not available - Turnkey |
| 2029 | 0.102 | Not available - Turnkey | Not available - Turnkey |
| 2030 | 0.094 | Not available - Turnkey | Not available - Turnkey |
| Sum = | | | Not available - Turnkey |

| Summer/Winter MW and Plant Type | Interconnection Substation/Transmission Line Location and Attendant Interconnection Facilities AND Costs (in Millions) | | Facilities required for Integration as an FPL Network Resource AND Costs (in Millions) | |
|---|---|---|--|--|
| <p>All FPL Plan</p> <p>Martin CC Conversion of two existing CTs to 4x1 CC = 1072/1163 MW (754/801 MW Incremental) + Manatee 4x1 CC = 1072/1163 MW</p> | <p>Martin CC Conversion (Add 2 CT's and 1 ST unit to existing 2 CT's): ⇒ Connect to new bay via string bus to Martin 230 kV</p> <p>Manatee Project: ⇒ Connect to new bay via string bus to Manatee 230 kV ⇒ Upgrade Breakers (2 cycle Independent Pole breakers)</p> <p>Other Facilities Required: ⇒ Add 5 ohm 230 kV Phase Reactor at Martin</p> | <p>\$2.0M</p> <p>\$9.2M</p> <p>\$3.4M</p> | <p>⇒ New Circuits: Martin-Indiantown #3 230kV Manatee-Johnson #2 230kV Indiantown-Bridge 230kV</p> <p>⇒ Upgrades of existing Circuits: Johnson-JohnsonTp 138 from 615A to 656A Ranch-Marlin 230kV from 1905A to 2052A and Cedar-Marlin 230kV from 1905A to 1965A Charlotte-Ft.Myers230kV from 1009A to 1081A</p> | <p>\$9.4M \$12.7M \$10.3M</p> <p>\$0.05M \$ 9.3M \$0.05M</p> |
| <p>Total 1826/1964 MW (Incremental)</p> | <p>TOTAL INTERCONNECTION COSTS: \$14.6 M</p> | | <p>TOTAL INTEGRATION COSTS: \$41.8 M</p> | |

| Summer/Winter MW and Plant Type | Interconnection Substation/Transmission Line Location and Attendant Interconnection Facilities AND Costs (in Millions) | | Facilities required for Integration as an FPL Network Resource AND Costs (in Millions) | |
|---|---|---|--|---|
| <p>Previous Plan</p> <p>Martin CC Conversion to 4x1 CC = 1072/1163 MW (754/801 MW Incremental)</p> <p>+ Alexander Project 465/535 MW</p> <p>+ 300 MW from 4 Generators at 3 locations: 1 at Midway Project, 2 at Recker Project (TECO system), 1 near Calusa Project</p> <p>+ 150 MW System Sale</p> <p>Total 1669/1786 MW (Incremental)</p> | <p>Martin CC Conversion (Add 2 CT's and 1 ST unit to existing 2 CT's):</p> <p>⇒ Connect to new bay via string bus to Martin 230 kV</p> <p>Alexander Project:</p> <p>⇒ 3-breaker ring bus substation on Plumosus-Bridge 230 kV line</p> <p>⇒ Loop Plumosus-Bridge 230 kV line</p> <p>Midway Project (St.Lucie)</p> <p>⇒ Loop Malabar-Midway 230 kV line</p> <p>Other equipment required for Martin CC Conv., Alexander and /or Midway projects:</p> <p>⇒ Add 10 ohm 230 kV Phase Reactor at Martin</p> <p>⇒ Upgrade four (4) 230 kV breakers and other substation equipment at Midway substation</p> <p>(TECO) Recker Project:</p> <p>⇒ Estimate not available for any facilities required for interconnection on the TECO system.</p> <p>Calusa Project</p> <p>⇒ Double breaker terminal at Calusa substation</p> <p>⇒ Radial line from Generator to Calusa</p> | <p>\$ 2.0M</p> <p>\$ 7.1M</p> <p>\$ 1.9M</p> <p>\$ 6.7M</p> <p>\$ Not Provided</p> <p>\$ 4.0M</p> <p>\$ 21.7M</p> | <p>⇒ Five (5) new circuits</p> <p>Indiantown – Martin 230 kV #3</p> <p>Indiantown - Ranch 230kV</p> <p>Plumosus - Ranch 230 kV</p> <p>Ranch - Cedar 230 kV</p> <p>Ranch - Broward 230kV</p> <p>⇒ Other facilities required at Ranch substation for new circuits. (Substation expansion, terminal equipment, etc.)</p> <p>Note: For Recker project, estimates DO NOT include cost of Transmission Service to FPL and/or incremental facilities on TECO's and/or neighboring systems.</p> <p>Note: For System sale, estimates DO NOT include cost of Transmission Service to FPL and/or incremental facilities on the other system and/or neighboring systems.</p> | <p>\$ 9.4M</p> <p>\$ 21.6M</p> <p>\$ 19.2M</p> <p>\$ 10.8M</p> <p>\$ 20.6M</p> <p>\$ 11.4M</p> <p>Previous Plan Total Integration Costs</p> <p>\$ 93.0M</p> |
| | <p>Previous Plan Total Interconnection Costs</p> | <p>\$ 21.7M</p> | <p>Previous Plan Total Integration Costs</p> | <p>\$ 93.0M</p> |

| Summer/Winter MW and Plant Type | Interconnection Substation/Transmission Line Location and Attendant Interconnection Facilities AND Costs (in Millions) | | Facilities required for Integration as an FPL Network Resource AND Costs (in Millions) | |
|---|---|--|---|---|
| <p style="text-align: center;">New Plan 1</p> <p>Martin CC Conversion to 4x1 CC = 1072/1163 MW (754/801 MW Incremental) + Alexander Project 465/535 MW + Okeechobee Project 526/602 MW on Midway-Sherman line</p> | <p>Martin CC Conversion (Add 2 CT's and 1 ST unit to existing 2 CT's):</p> <ul style="list-style-type: none"> ⇒ Connect to new bay via string bus to Martin 230 kV <p>Alexander Project:</p> <ul style="list-style-type: none"> ⇒ 3-breaker ring bus substation on Plumosus-Bridge 230 kV line ⇒ Loop Plumosus-Bridge 230 kV line <p>Okeechobee Project:</p> <ul style="list-style-type: none"> ⇒ 3-breaker ring bus substation on Midway-Sherman 230 kV line ⇒ Loop Midway-Sherman 230 kV ckt approximately 7.5 miles southeast of Sherman substation <p>Other equipment required for New Plan 1:</p> <ul style="list-style-type: none"> ⇒ Add 10 ohm 230 kV Phase Reactor at Martin ⇒ Upgrade four (4) 230 kV breakers and other substation equipment at Midway substation | <p>\$ 2.0M</p> <p>\$ 7.1M</p> <p>\$ 6.3M</p> <p>\$ 6.7M</p> | <ul style="list-style-type: none"> ⇒ Five (5) new circuits <ul style="list-style-type: none"> Indiantown – Martin 230 kV #3 Indiantown - Ranch 230kV Plumosus - Ranch 230 kV Ranch - Cedar 230 kV Ranch - Broward 230kV ⇒ Upgrade (2) lines <ul style="list-style-type: none"> Cedar-Tartan 230kV from 1598A to 1647A ⇒ Other facilities required at Ranch substation for new circuits. (Substation expansion, terminal equipment, etc.) | <p>\$ 9.4M</p> <p>\$ 21.6M</p> <p>\$ 19.2M</p> <p>\$ 10.8M</p> <p>\$ 20.6M</p> <p>\$ 0.5M</p> <p>\$ 11.4M</p> |
| <p>Total 1745/1938 MW (Incremental)</p> | <p>New Plan 1 Total Interconnection Costs</p> | <p>\$ 22.1M</p> | <p>New Plan 1 Total Integration Costs</p> | <p>\$ 93.5M</p> |

| Summer/Winter MW and Plant Type | Interconnection Substation/Transmission Line Location and Attendant Interconnection Facilities AND Costs (in Millions) | Facilities required for Integration as an FPL Network Resource AND Costs (in Millions) |
|---|--|---|
| <p>New Plan 2 (Identical to New Plan 1)</p> <p>Martin CC Conversion to 4x1 CC = 1072/1163 MW (754/801 MW Incremental) + Alexander Project 465/535 MW + Okeechobee Project 526/602 MW on Midway-Sherman line</p> | <p>Martin CC Conversion (Add 2 CT's and 1 ST unit to existing 2 CT's): ⇒ Connect to new bay via string bus to Martin 230 kV</p> <p>Alexander Project: ⇒ 3-breaker ring bus substation on Plumosus-Bridge 230 kV line ⇒ Loop Plumosus-Bridge 230 kV line</p> <p>Okeechobee Project: ⇒ 3-breaker ring bus substation on Midway-Sherman 230 kV line ⇒ Loop Midway-Sherman 230 kV ckt approximately 7.5 miles southeast of Sherman substation</p> <p>Other equipment required for New Plan 2: ⇒ Add 10 ohm 230 kV Phase Reactor at Martin ⇒ Upgrade four (4) 230 kV breakers and other substation equipment at Midway substation</p> | <p>⇒ Five (5) new circuits Indiantown – Martin 230 kV #3 \$ 9.4M Indiantown - Ranch 230kV \$ 21.6M Plumosus - Ranch 230 kV \$ 19.2M Ranch - Cedar 230 kV \$ 10.8M Ranch - Broward 230kV \$ 20.6M</p> <p>⇒ Upgrade (2) lines Cedar-Tartan 230kV from 1598A to 1647A \$ 0.5M</p> <p>⇒ Other facilities required at Ranch substation for new circuits. (Substation expansion, terminal equipment, etc.) \$ 11.4M</p> |
| <p>Total 1745/1938 MW (Incremental)</p> | <p>New Plan 2 Total Interconnection Costs</p> | <p>New Plan 2 Total Integration Costs</p> |
| | <p>\$ 22.1M</p> | <p>\$ 93.5M</p> |

| Summer/Winter MW and Plant Type | Interconnection Substation/Transmission Line Location and Attendant Interconnection Facilities AND Costs (in Millions) | | Facilities required for Integration as an FPL Network Resource AND Costs (in Millions) | |
|---|---|---|---|---|
| <p>New Plan 3</p> <p>Martin CC Conversion to 4x1 CC = 1072/1163 MW (754/801 MW Incremental)</p> <p>+ Alexander Project 465/535 MW</p> <p>+ Okeechobee Project 526/602 MW on Midway-Sherman line</p> <p>+ 150 MW System Sale</p> | <p>Martin CC Conversion (Add 2 CT's and 1 ST unit to existing 2 CT's):</p> <p>⇒ Connect to new bay via string bus to Martin 230 kV</p> <p>Alexander Project:</p> <p>⇒ 3-breaker ring bus substation on Plumosus-Bridge 230 kV line</p> <p>⇒ Loop Plumosus-Bridge 230 kV line</p> <p>Okeechobee Project:</p> <p>⇒ 3-breaker ring bus substation on Midway-Sherman 230 kV line</p> <p>⇒ Loop Midway-Sherman 230 kV ckt approximately 7.5 miles southeast of Sherman substation</p> <p>Other equipment required for New Plan 2:</p> <p>⇒ Add 10 ohm 230 kV Phase Reactor at Martin</p> <p>⇒ Upgrade four (4) 230 kV breakers and other substation equipment at Midway substation</p> | <p>\$ 2.0M</p> <p>\$ 7.1M</p> <p>\$ 6.3M</p> <p>\$ 6.7M</p> | <p>⇒ Five (5) new circuits</p> <p>Indiantown – Martin 230 kV #3</p> <p>Indiantown - Ranch 230kV</p> <p>Plumosus - Ranch 230 kV</p> <p>Ranch - Cedar 230 kV</p> <p>Ranch - Broward 230kV</p> <p>⇒ Upgrade (1) line</p> <p>Cedar-Tartan 230kV from 1598A to 1647A</p> <p>⇒ Other facilities required at Ranch substation for new circuits. (Substation expansion, terminal equipment, etc.)</p> <p>Note: For System sale, estimates DO NOT include cost of Transmission Service to FPL and/or incremental facilities on the system and/or neighboring systems.</p> | <p>\$ 9.4M</p> <p>\$ 21.6M</p> <p>\$ 19.2M</p> <p>\$ 10.8M</p> <p>\$ 20.6M</p> <p>\$ 0.5M</p> <p>\$ 11.4M</p> |
| <p>Total 1895/2088 MW (Incremental)</p> | <p>New Plan 3 Total Interconnection Costs</p> | <p>\$ 22.1M</p> | <p>New Plan 3 Total Integration Costs</p> | <p>\$ 93.5M</p> |

| Summer/Winter MW and Plant Type | Interconnection Substation/Transmission Line Location and Attendant Interconnection Facilities AND Costs (in Millions) | Facilities required for Integration as an FPL Network Resource AND Costs (in Millions) |
|--|--|---|
| <p>New Plan 4</p> <p>Martin CC Conversion to 4x1 CC = 1072/1163 MW (754/801 MW Incremental)</p> <p>+ Alexander Project 465/535 MW</p> <p>+ 300 MW from 4 Generators at 3 locations: 1 at Midway Project, 2 at Recker Project (TECO system), 1 near Calusa Project</p> <p>+ 300 additional MW from same 4 Generators at 3 locations: 1 at Midway Project, 2 at Recker Project (TECO system), 1 near Calusa Project</p> <p>Total 1819/1936 MW (Incremental)</p> | <p>Martin CC Conversion (Add 2 CT's and 1 ST unit to existing 2 CT's):</p> <p>⇒ Connect to new bay via string bus to Martin 230 kV</p> <p>Alexander Project:</p> <p>⇒ 3-breaker ring bus substation on Plumosus-Bridge 230 kV line</p> <p>⇒ Loop Plumosus-Bridge 230 kV line</p> <p>Midway Project (St.Lucie)</p> <p>⇒ Loop Malabar-Midway 230 kV line</p> <p>Other equipment required for Martin CC Conv., Alexander and /or Midway projects:</p> <p>⇒ Add 10 ohm 230 kV Phase Reactor at Martin</p> <p>⇒ Upgrade four (4) 230 kV breakers and other substation equipment at Midway substation</p> <p>(TECO) Recker Project:</p> <p>⇒ Estimate not available for any facilities required for interconnection on the TECO system.</p> <p>Calusa Project</p> <p>⇒ Double breaker terminal at Calusa substation</p> <p>⇒ Radial line from Generator to Calusa</p> <p>Other facilities required for Recker and/or Calusa projects</p> <p>⇒ O.River-Corbett 230 kV line (POTENTIAL STABILITY LIMITATIONS)</p> <p>⇒ Upgrade one (1) breaker at Ft.Myers</p> <p>New Plan 4 Total Interconnection Costs</p> | <p>\$ 2.0M</p> <p>\$ 7.1M</p> <p>\$ 1.9M</p> <p>\$ 6.7M</p> <p>\$ Not Provided</p> <p>\$ 4.0M</p> <p>\$ 68.9M</p> <p>\$ 90.6M</p> <p>⇒ Five (5) new circuits</p> <p>Indiantown – Martin 230 kV #3</p> <p>Indiantown - Ranch 230kV</p> <p>Plumosus - Ranch 230 kV</p> <p>Ranch - Cedar 230 kV</p> <p>Ranch - Broward 230kV</p> <p>⇒ Other facilities required at Ranch substation for new circuits. (Substation expansion, terminal equipment, etc.)</p> <p>Note: For Recker project, estimates DO NOT include cost of Transmission Service to FPL and/or incremental facilities on TECO's and/or neighboring systems.</p> <p>New Plan 4 Total Integration Costs</p> |
| | | <p>\$ 9.4M</p> <p>\$ 21.6M</p> <p>\$ 19.2M</p> <p>\$ 10.8M</p> <p>\$ 20.6M</p> <p>\$ 11.4M</p> <p>\$ 93.0M</p> |

| Summer/Winter MW and Plant Type | Interconnection Substation/Transmission Line Location and Attendant Interconnection Facilities AND Costs (in Millions) | | Facilities required for Integration as an FPL Network Resource AND Costs (in Millions) | |
|---|---|---|---|---|
| <p>New Plan 5 (Identical to New Plan 3)</p> <p>Martin CC Conversion to 4x1 CC = 1072/1163 MW (754/801 MW Incremental)</p> <p>+ Alexander Project 465/535 MW</p> <p>+ Okeechobee Project 526/602 MW on Midway-Sherman line</p> <p>+ 150 MW System Sale</p> | <p>Martin CC Conversion (Add 2 CT's and 1 ST unit to existing 2 CT's):</p> <p>⇒ Connect to new bay via string bus to Martin 230 kV</p> <p>Alexander Project:</p> <p>⇒ 3-breaker ring bus substation on Plumosus-Bridge 230 kV line</p> <p>⇒ Loop Plumosus-Bridge 230 kV line</p> <p>Okeechobee Project:</p> <p>⇒ 3-breaker ring bus substation on Midway-Sherman 230 kV line</p> <p>⇒ Loop Midway-Sherman 230 kV ckt approximately 7.5 miles southeast of Sherman substation</p> <p>Other equipment required for New Plan 2:</p> <p>⇒ Add 10 ohm 230 kV Phase Reactor at Martin</p> <p>⇒ Upgrade four (4) 230 kV breakers and other substation equipment at Midway substation</p> | <p>\$ 2.0M</p> <p>\$ 7.1M</p> <p>\$ 6.3M</p> <p>\$ 6.7M</p> | <p>⇒ Five (5) new circuits</p> <p>Indiantown – Martin 230 kV #3</p> <p>Indiantown - Ranch 230kV</p> <p>Plumosus - Ranch 230 kV</p> <p>Ranch - Cedar 230 kV</p> <p>Ranch - Broward 230kV</p> <p>⇒ Upgrade (1) line</p> <p>Cedar-Tartan 230kV from 1598A to 1647A</p> <p>⇒ Other facilities required at Ranch substation for new circuits. (Substation expansion, terminal equipment, etc.)</p> <p>Note: For System sale, estimates DO NOT include cost of Transmission Service to FPL and/or incremental facilities on the system and/or neighboring systems.</p> | <p>\$ 9.4M</p> <p>\$ 21.6M</p> <p>\$ 19.2M</p> <p>\$ 10.8M</p> <p>\$ 20.6M</p> <p>\$ 0.5M</p> <p>\$ 11.4M</p> |
| <p>Total 1895/2088 MW (Incremental)</p> | <p>New Plan 5 Total Interconnection Costs</p> | <p>\$ 22.1M</p> | <p>New Plan 5 Total Integration Costs</p> | <p>\$ 93.5M</p> |

| Summer/Winter MW and Plant Type | Interconnection Substation/Transmission Line Location and Attendant Interconnection Facilities AND Costs (in Millions) | | Facilities required for Integration as an FPL Network Resource AND Costs (in Millions) | |
|--|--|---|--|-----------------|
| <p>New Plan 6</p> <p>Martin CC Conversion to 4x1 CC = 1072/1163 MW (754/801 MW Incremental)</p> <p>+ Alexander Project 465/535 MW</p> <p>+ 300 MW from 4 Generators at 3 locations: 1 at Midway Project, 2 at Recker Project (TECO system), 1 near Calusa Project</p> <p>+ 300 additional MW from same 4 Generators at 3 locations: 1 at Midway Project, 2 at Recker Project (TECO system), 1 near Calusa Project</p> <p>+ 150 MW System Sale</p> <p>Total 1969/2086 MW (Incremental)</p> | <p>Martin CC Conversion (Add 2 CT's and 1 ST unit to existing 2 CT's):</p> <p>⇒ Connect to new bay via string bus to Martin 230 kV</p> <p>Alexander Project:</p> <p>⇒ 3-breaker ring bus substation on Plumosos-Bridge 230 kV line</p> <p>⇒ Loop Plumosos-Bridge 230 kV line</p> <p>Midway Project (St.Lucie)</p> <p>⇒ Loop Malabar-Midway 230 kV line</p> <p>Other equipment required for Martin CC Conv., Alexander and /or Midway projects:</p> <p>⇒ Add 10 ohm 230 kV Phase Reactor at Martin</p> <p>⇒ Upgrade four (4) 230 kV breakers and other substation equipment at Midway substation</p> <p>(TECO) Recker Project:</p> <p>⇒ Estimate not available for any facilities required for interconnection on the TECO system.</p> <p>Calusa Project</p> <p>⇒ Double breaker terminal at Calusa substation</p> <p>⇒ Radial line from Generator to Calusa</p> <p>Other facilities required for Recker and/or Calusa projects</p> <p>⇒ O.River-Corbett 230 kV line (POTENTIAL STABILITY LIMITATIONS)</p> <p>⇒ Upgrade one (1) breaker at Ft.Myers</p> <p>New Plan 6</p> <p>Total Interconnection Costs</p> | <p>\$ 2.0M</p> <p>\$ 7.1M</p> <p>\$ 1.9M</p> <p>\$ 6.7M</p> <p>\$ Not Provided</p> <p>\$ 4.0M</p> <p>\$ 68.9M</p> <p>\$ 90.6M</p> | <p>⇒ Five (5) new circuits</p> <p>Indiantown – Martin 230 kV #3 \$ 9.4M</p> <p>Indiantown - Ranch 230kV \$ 21.6M</p> <p>Plumosos - Ranch 230 kV \$ 19.2M</p> <p>Ranch - Cedar 230 kV \$ 10.8M</p> <p>Ranch - Broward 230kV \$ 20.6M</p> <p>⇒ Upgrade (1) line</p> <p>Cedar-Tartan 230kV from 1598A to 1647A \$ 0.5M</p> <p>⇒ Other facilities required at Ranch substation for new circuits. (Substation expansion, terminal equipment, etc.) \$ 11.4M</p> <p>Note: For System sale, estimates DO NOT include cost of Transmission Service to FPL and/or incremental facilities on the system and/or neighboring systems.</p> <p>Note: For Recker project, estimates DO NOT include cost of Transmission Service to FPL and/or incremental facilities on TECO's and/or neighboring systems.</p> <p>New Plan 6</p> <p>Total Integration Costs</p> | <p>\$ 93.5M</p> |

| Summer/Winter MW and Plant Type | Interconnection Substation/Transmission Line Location and Attendant Interconnection Facilities AND Costs (in Millions) | | Facilities required for Integration as an FPL Network Resource AND Costs (in Millions) | |
|---|--|--|--|--|
| <p>New Plan 7</p> <p>Martin CC Conversion to 4x1 CC = 1072/1163 MW (754/801 MW Incremental) + Alexander Project 465/535 MW + 811/836 MW from St Lucie project on Poinsett-Midway 500 kV</p> | <p>Martin CC Conversion (Add 2 CT's and 1 ST unit to existing 2 CT's):</p> <ul style="list-style-type: none"> ⇒ Connect to new bay via string bus to Martin 230 kV <p>Alexander Project:</p> <ul style="list-style-type: none"> ⇒ 3-breaker ring bus substation on Plumosus-Bridge 230 kV line ⇒ Loop Plumosus-Bridge 230 kV line <p>St Lucie Project:</p> <ul style="list-style-type: none"> ⇒ 4-breaker ring bus substation on Midway-Poinsett 500 kV line ⇒ Loop Midway-Poinsett 500 kV line <p>Other equipment required for New Plan 7:</p> <ul style="list-style-type: none"> ⇒ Add 10 ohm 230 kV Phase Reactor at Martin ⇒ Upgrade four (4) 230 kV breakers and other substation equipment at Midway substation | <p>\$ 2.0M</p> <p>\$ 7.1M</p> <p>\$ 14.1M</p> <p>\$ 5.6M</p> | <p>⇒ Five (5) new circuits</p> <ul style="list-style-type: none"> Indiantown – Martin 230 kV #3 Indiantown - Ranch 230kV Plumosus - Ranch 230 kV Ranch - Cedar 230 kV Ranch - Broward 230kV <p>⇒ Other facilities required at Ranch substation for new circuits. (Substation expansion, terminal equipment, etc.)</p> | <p>\$ 9.4M</p> <p>\$ 21.6M</p> <p>\$ 19.2M</p> <p>\$ 10.8M</p> <p>\$ 20.6M</p> <p>\$ 11.4M</p> |
| <p>Total 2030/2172 MW (Incremental)</p> | <p>New Plan 7 Total Interconnection Costs</p> | <p>\$ 28.8M</p> | <p>New Plan 7 Total Integration Costs</p> | <p>\$ 93.0M</p> |

Transmission Cost Expenditure Stream for RFP Plans

| Plan | Summer MW | | \$ Integration TOTAL | \$(Millions) Stream for 2005 Projects | | | TOTAL FOR 2005 Projects | \$(Millions) Stream for 2006 Projects | | | TOTAL \$ FOR 2006 Projects |
|----------|-----------|------|-------------------------|---------------------------------------|-------|-------|----------------------------|---------------------------------------|-------|-------|-------------------------------|
| | 2005 | 2006 | | 2003 | 2004 | 2005 | | 2004 | 2005 | 2006 | |
| All FPL | 1826 | 0 | 41.8 | 10.87 | 15.47 | 15.47 | 41.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| Previous | 1219 | 450 | 93 | 17.66 | 25.13 | 25.13 | 67.93 | 6.52 | 9.28 | 9.28 | 25.07 |
| 1 | 1219 | 526 | 93.5 | 16.98 | 24.17 | 24.17 | 65.32 | 7.33 | 10.43 | 10.43 | 28.18 |
| 2 | 1280 | 465 | 93.5 | 17.83 | 25.38 | 25.38 | 68.58 | 6.48 | 9.22 | 9.22 | 24.92 |
| 3 | 1141 | 754 | 93.5 | 14.64 | 20.83 | 20.83 | 56.30 | 9.67 | 13.76 | 13.76 | 37.20 |
| 4 | 1219 | 600 | 93 | 16.20 | 23.06 | 23.06 | 62.32 | 7.98 | 11.35 | 11.35 | 30.68 |
| 5 | 1141 | 754 | 93.5 | 14.64 | 20.83 | 20.83 | 56.30 | 9.67 | 13.76 | 13.76 | 37.20 |
| 6 | 1204 | 765 | 93.5 | 14.87 | 21.15 | 21.15 | 57.17 | 9.44 | 13.44 | 13.44 | 36.33 |
| 7 | 1276 | 754 | 93 | 15.20 | 21.63 | 21.63 | 58.46 | 8.98 | 12.78 | 12.78 | 34.54 |

INPUT SHEET #1

GENERAL ASSUMPTIONS

PROJECT TITLE:

PROJECT YEAR:

I) COMPOSITE INCOME TAX RATE:
 STATE INCOME TAX RATE:
 FEDERAL INCOME TAX RATE:

II) COST OF CAPITAL AS OF:

| LONG LIVE ASSETS | | | | |
|------------------|---------------|-------|-------------|-------------|
| SOURCE | WEIGHT | COST | WTD COST | AFTER TAX |
| DEBT | 45.0% | 7.4% | 3.3% | 2.0% |
| PREFERRED | 0.0% | 0.0% | 0.0% | 0.0% |
| COMMON | 55.0% | 11.7% | 6.4% | 6.4% |
| TOTAL | 100.0% | | 9.8% | 8.5% |

DISCOUNT RATE:

III) PROPERTY TAXES:

PROPERTY INSURANCE:

IV) TAX DEPRECIATION RATES

| YEAR | 5 | 7 | 10 | 15 | 20 |
|------|---------|---------|---------|---------|---------|
| 1 | 20.00% | 14.29% | 10.00% | 5.00% | 3.750% |
| 2 | 32.00% | 24.49% | 18.00% | 9.50% | 7.219% |
| 3 | 19.20% | 17.49% | 14.40% | 8.55% | 6.677% |
| 4 | 11.52% | 12.49% | 11.52% | 7.70% | 6.177% |
| 5 | 11.52% | 8.93% | 9.22% | 6.93% | 5.713% |
| 6 | 5.76% | 8.92% | 7.37% | 6.23% | 5.285% |
| 7 | | 8.93% | 6.55% | 5.90% | 4.888% |
| 8 | | 4.46% | 6.55% | 5.90% | 4.522% |
| 9 | | | 6.56% | 5.91% | 4.462% |
| 10 | | | 6.55% | 5.90% | 4.461% |
| 11 | | | 3.28% | 5.91% | 4.462% |
| 12 | | | | 5.90% | 4.461% |
| 13 | | | | 5.91% | 4.462% |
| 14 | | | | 5.90% | 4.461% |
| 15 | | | | 5.91% | 4.462% |
| 16 | | | | 2.95% | 4.461% |
| 17 | | | | | 4.462% |
| 18 | | | | | 4.461% |
| 19 | | | | | 4.462% |
| 20 | | | | | 4.461% |
| 21 | | | | | 2.231% |
| | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |

V) INFLATION FORECAST AS OF:

| YEAR | CPI | HLRLY COMP | PPI CAPITAL |
|------|-------|------------|-------------|
| 2001 | 2.72% | 4.89% | 1.39% |
| 2002 | 2.49% | 3.85% | 1.10% |
| 2003 | 2.79% | 4.39% | 1.30% |
| 2004 | 2.81% | 3.84% | 0.72% |
| 2005 | 2.74% | 3.44% | 0.53% |
| 2006 | 2.60% | 3.41% | 0.87% |
| 2007 | 2.58% | 3.62% | 0.91% |
| 2008 | 2.56% | 3.83% | 0.95% |
| 2009 | 2.54% | 4.03% | 1.00% |
| 2010 | 2.52% | 4.24% | 1.04% |
| 2011 | 2.50% | 4.45% | 1.08% |
| 2012 | 2.50% | 4.45% | 1.08% |
| 2013 | 2.50% | 4.45% | 1.08% |
| 2014 | 2.50% | 4.45% | 1.08% |
| 2015 | 2.50% | 4.45% | 1.08% |
| 2016 | 2.50% | 4.45% | 1.08% |
| 2017 | 2.50% | 4.45% | 1.08% |
| 2018 | 2.50% | 4.45% | 1.08% |
| 2019 | 2.50% | 4.45% | 1.08% |
| 2020 | 2.50% | 4.45% | 1.08% |
| 2021 | 2.50% | 4.45% | 1.08% |
| 2022 | 2.50% | 4.46% | 1.08% |
| 2023 | 2.50% | 4.46% | 1.08% |
| 2024 | 2.50% | 4.46% | 1.08% |
| 2025 | 2.50% | 4.46% | 1.08% |
| 2026 | 2.50% | 4.46% | 1.08% |
| 2027 | 2.50% | 4.46% | 1.08% |
| 2028 | 2.50% | 4.46% | 1.08% |
| 2029 | 2.50% | 4.46% | 1.08% |
| 2030 | 2.50% | 4.46% | 1.08% |
| 2031 | 2.50% | 4.46% | 1.08% |
| 2032 | 2.50% | 4.46% | 1.08% |
| 2033 | 2.50% | 4.46% | 1.08% |
| 2034 | 2.50% | 4.46% | 1.08% |
| 2035 | 2.50% | 4.46% | 1.08% |
| 2036 | 2.50% | 4.46% | 1.08% |
| 2037 | 2.50% | 4.46% | 1.08% |
| 2038 | 2.50% | 4.46% | 1.08% |
| 2039 | 2.50% | 4.46% | 1.08% |
| 2040 | 2.50% | 4.46% | 1.08% |
| 2041 | 2.50% | 4.46% | 1.08% |
| 2042 | 2.50% | 4.46% | 1.08% |
| 2043 | 2.50% | 4.46% | 1.08% |
| 2044 | 2.50% | 4.46% | 1.08% |

MR & MT Integration Costs

INPUT SHEET #5 - CAPITAL INVESTMENTS THAT REQUIRE CONSTRUCTION

| | |
|-------------------------|------------|
| TITLE FOR INVESTMENT #1 | Project #1 |
| TITLE FOR INVESTMENT #2 | Project #2 |
| TITLE FOR INVESTMENT #3 | Project #3 |

ASSUMPTIONS:

| |
|---|
| ESTIMATE IN \$'s (Can not be before 2001) |
| ESCALATE CONST. CASH FLOWS (1=YES, 2=NO) |
| COMPUTE AFUDC (1=YES, 2=NO) |
| CONSTRUCTION START MONTH |
| CONSTRUCTION START YEAR |
| CONSTRUCTION END MONTH |
| CONSTRUCTION END YEAR |
| IN-SERVICE MONTH |
| IN-SERVICE YEAR |
| USEFUL LIFE |
| BOOK DEPRECIATION RATE |
| TAX DEPRECIATION CLASS |

| INV. #1 |
|---------|
| 2002 |
| 1 |
| 1 |
| 1 |
| 2002 |
| 12 |
| 2004 |
| 1 |
| 2005 |
| 40 |
| 2.50% |
| 20 |

| INV. #2 |
|---------|
| 2002 |
| 1 |
| 1 |
| 1 |
| 2002 |
| 12 |
| 2005 |
| 1 |
| 2006 |
| 30 |
| 3.33% |
| 20 |

| INV. #3 |
|---------|
| 2002 |
| 1 |
| 1 |
| 1 |
| 2002 |
| 12 |
| 2005 |
| 1 |
| 2006 |
| 30 |
| 3.33% |
| 20 |

| CASH FLOWS | LABOR | MATERIALS | LABOR | MATERIALS | LABOR | MATERIALS |
|------------------|-----------|-----------|-------|-----------|-------|-----------|
| YEAR 1 | 6,630.70 | 4,239.30 | | | | |
| YEAR 2 | 9,436.70 | 6,033.30 | | | | |
| YEAR 3 | 9,436.70 | 6,033.30 | | | | |
| YEAR 4 | | | | | | |
| YEAR 5 | | | | | | |
| YEAR 6 | | | | | | |
| YEAR 7 | | | | | | |
| YEAR 8 | | | | | | |
| YEAR 9 | | | | | | |
| YEAR 10 | | | | | | |
| TOTAL CASH FLOWS | 25,504.10 | 16,305.90 | 0.00 | 0.00 | 0.00 | 0.00 |

41,810.00

*** Per Jeff Young (conversation on 1/11/02), cost split 45% labor, 39% material and 16% overhead, where overhead is considered engineering, part of labor, etc. Therefore, assumed 39% materials and 61% labor.

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MR & MT Integration Costs

Calculation Sheet #1 - In-Service Cost for Capital Expenditures Requiring Construction

Project #1

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2002 | 12 | 10,870.00 | 10,870.00 | 530.24 | 530.24 | 180.50 | 401.10 | 401.10 | (85.10) | (85.10) |
| 2003 | 12 | 15,962.46 | 26,832.46 | 1,899.16 | 2,429.40 | 646.48 | 1,420.82 | 1,821.93 | (298.70) | (383.80) |
| 2004 | 12 | 16,385.20 | 43,217.67 | 3,691.50 | 6,120.90 | 1,256.61 | 2,719.31 | 4,541.23 | (564.24) | (948.04) |
| 2005 | 0 | 0.00 | 43,217.67 | 0.00 | 6,120.90 | 0.00 | 0.00 | 4,541.23 | 0.00 | (948.04) |
| 2006 | 0 | 0.00 | 43,217.67 | 0.00 | 6,120.90 | 0.00 | 0.00 | 4,541.23 | 0.00 | (948.04) |
| 2007 | 0 | 0.00 | 43,217.67 | 0.00 | 6,120.90 | 0.00 | 0.00 | 4,541.23 | 0.00 | (948.04) |
| 2008 | 0 | 0.00 | 43,217.67 | 0.00 | 6,120.90 | 0.00 | 0.00 | 4,541.23 | 0.00 | (948.04) |
| 2009 | 0 | 0.00 | 43,217.67 | 0.00 | 6,120.90 | 0.00 | 0.00 | 4,541.23 | 0.00 | (948.04) |
| 2010 | 0 | 0.00 | 43,217.67 | 0.00 | 6,120.90 | 0.00 | 0.00 | 4,541.23 | 0.00 | (948.04) |
| 2011 | 0 | 0.00 | 43,217.67 | 0.00 | 6,120.90 | 0.00 | 0.00 | 4,541.23 | 0.00 | (948.04) |

Project #2

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2002 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2003 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2004 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2005 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2006 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2007 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2008 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2009 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2010 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2011 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Project #3

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2002 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2003 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2004 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2005 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2006 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2007 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2008 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2009 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2010 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2011 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

MR & MT Integration Costs

Results - Revenue Requirements

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|------------------|-------------|-------------|-------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
| Capital Carrying Cost | | | | | | | | | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 0.00 | 0.00 | 0.00 | 0.00 | 8,152.60 | 7,902.55 | 7,615.18 | 7,341.10 | 7,079.31 | 6,828.89 | 6,588.98 | 6,358.80 |
| Project #2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 0.00 | 0.00 | 0.00 | 0.00 | 8,152.60 | 7,902.55 | 7,615.18 | 7,341.10 | 7,079.31 | 6,828.89 | 6,588.98 | 6,358.80 |
| Operating Savings | | | | | | | | | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | | | | | | | | | |
| Property Taxes & Insurance | 0.00 | 0.00 | 0.00 | 0.00 | 1,213.73 | 1,189.53 | 1,165.43 | 1,141.41 | 1,117.51 | 1,093.70 | 1,069.99 | 1,046.29 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 0.00 | 0.00 | 0.00 | 0.00 | 1,213.73 | 1,189.53 | 1,165.43 | 1,141.41 | 1,117.51 | 1,093.70 | 1,069.99 | 1,046.29 |
| Total Annual Revenue Requirements | 0.00 | 0.00 | 0.00 | 0.00 | 9,366.33 | 9,092.08 | 8,780.62 | 8,482.52 | 8,196.82 | 7,922.59 | 7,658.97 | 7,405.09 |
| Present Value @ 8.5% | 0.00 | 0.00 | 0.00 | 0.00 | 6,758.50 | 6,046.65 | 5,382.03 | 4,792.00 | 4,267.83 | 3,801.89 | 3,387.45 | 3,018.59 |
| Cumulative Present Value | 0.00 | 0.00 | 0.00 | 0.00 | 6,758.50 | 12,805.15 | 18,187.18 | 22,979.18 | 27,247.01 | 31,048.91 | 34,436.36 | 37,454.94 |
| Total Present Value Revenue Requirements | 58,227.70 | | | | | | | | | | | |

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MR & MT Integration Cos

Results - Revenue Requirements

| | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
| Capital Carrying Cost | | | | | | | | | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 6,134.05 | 5,910.08 | 5,686.11 | 5,462.13 | 5,238.16 | 5,014.19 | 4,790.21 | 4,566.24 | 4,342.27 | 4,118.30 | 3,894.32 | 3,670.35 |
| Project #2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 6,134.05 | 5,910.08 | 5,686.11 | 5,462.13 | 5,238.16 | 5,014.19 | 4,790.21 | 4,566.24 | 4,342.27 | 4,118.30 | 3,894.32 | 3,670.35 |
| Operating Savings | | | | | | | | | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | | | | | | | | | |
| Property Taxes & Insurance | 1,022.63 | 998.98 | 975.37 | 951.77 | 928.19 | 904.64 | 881.11 | 857.60 | 834.12 | 810.67 | 787.24 | 763.83 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 1,022.63 | 998.98 | 975.37 | 951.77 | 928.19 | 904.64 | 881.11 | 857.60 | 834.12 | 810.67 | 787.24 | 763.83 |
| Total Annual Revenue Requirements | 7,156.68 | 6,909.06 | 6,661.47 | 6,413.91 | 6,166.35 | 5,918.83 | 5,671.32 | 5,423.84 | 5,176.39 | 4,928.96 | 4,681.56 | 4,434.18 |
| Present Value @ 8.5% | 2,688.78 | 2,392.39 | 2,125.95 | 1,886.59 | 1,671.68 | 1,478.87 | 1,306.02 | 1,151.18 | 1,012.59 | 888.65 | 777.92 | 679.09 |
| Cumulative Present Value | 40,143.72 | 42,536.11 | 44,662.06 | 46,548.65 | 48,220.33 | 49,699.20 | 51,005.21 | 52,156.39 | 53,168.98 | 54,057.63 | 54,835.55 | 55,514.65 |
| Total Present Value Revenue Requirements | | | | | | | | | | | | |

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MR & MT Integration Cos

Results - Revenue Requirements

| | 25 2025 | 26 2026 | 27 2027 | 28 2028 | 29 2029 | 30 2030 | 31 2031 | 32 2032 | 33 2033 | 34 2034 | 35 2035 | 36 2036 |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Capital Carrying Cost | | | | | | | | | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 3,474.82 | 3,336.15 | 3,225.91 | 3,115.68 | 3,005.45 | 2,895.22 | 2,784.99 | 2,674.75 | 2,564.52 | 2,454.29 | 2,344.06 | 2,233.82 |
| Project #2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 3,474.82 | 3,336.15 | 3,225.91 | 3,115.68 | 3,005.45 | 2,895.22 | 2,784.99 | 2,674.75 | 2,564.52 | 2,454.29 | 2,344.06 | 2,233.82 |
| Operating Savings | | | | | | | | | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | | | | | | | | | |
| Property Taxes & Insurance | 740.45 | 717.10 | 693.77 | 670.46 | 647.19 | 623.94 | 600.72 | 577.52 | 554.36 | 531.22 | 508.11 | 485.03 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 740.45 | 717.10 | 693.77 | 670.46 | 647.19 | 623.94 | 600.72 | 577.52 | 554.36 | 531.22 | 508.11 | 485.03 |
| Total Annual Revenue Requirements | 4,215.27 | 4,053.24 | 3,919.68 | 3,786.15 | 3,652.64 | 3,519.16 | 3,385.70 | 3,252.28 | 3,118.88 | 2,985.51 | 2,852.17 | 2,718.85 |
| Present Value @ 8.5% | 594.99 | 527.30 | 469.98 | 418.40 | 372.03 | 330.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Cumulative Present Value | 56,109.64 | 56,636.94 | 57,106.92 | 57,525.32 | 57,897.35 | 58,227.70 | 58,227.70 | 58,227.70 | 58,227.70 | 58,227.70 | 58,227.70 | 58,227.70 |
| Total Present Value Revenue Requirements | | | | | | | | | | | | |

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MR & MT Integration Cos

Results - Revenue Requirements

| | 37 2037 | 38 2038 | 39 2039 | 40 2040 |
|---|------------------|------------------|------------------|------------------|
| Capital Carrying Cost | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 2,123.59 | 2,013.36 | 1,903.13 | 1,792.90 |
| Project #2 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 2,123.59 | 2,013.36 | 1,903.13 | 1,792.90 |
| Operating Savings | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | |
| Property Taxes & Insurance | 461.98 | 438.96 | 415.96 | 393.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 461.98 | 438.96 | 415.96 | 393.00 |
| Total Annual Revenue Requirements | 2,585.57 | 2,452.32 | 2,319.09 | 2,185.90 |
| Present Value @ 8.5% | 0.00 | 0.00 | 0.00 | 0.00 |
| Cumulative Present Value | 58,227.70 | 58,227.70 | 58,227.70 | 58,227.70 |
| Total Present Value Revenue Requirements | | | | |

INPUT SHEET #1

GENERAL ASSUMPTIONS

PROJECT TITLE:

PROJECT YEAR:

- I) COMPOSITE INCOME TAX RATE:
 STATE INCOME TAX RATE:
 FEDERAL INCOME TAX RATE:
- II) COST OF CAPITAL AS OF:

| SOURCE | WEIGHT | LONG LIVE ASSETS | | |
|--------------|---------------|------------------|-------------|-------------|
| | | COST | WTD COST | AFTER TAX |
| DEBT | 45.0% | 7.4% | 3.3% | 2.0% |
| PREFERRED | 0.0% | 0.0% | 0.0% | 0.0% |
| COMMON | 55.0% | 11.7% | 6.4% | 6.4% |
| TOTAL | 100.0% | | 9.8% | 8.5% |

DISCOUNT RATE:

- III) PROPERTY TAXES:
 PROPERTY INSURANCE:

IV) TAX DEPRECIATION RATES

| YEAR | 5 | 7 | 10 | 15 | 20 |
|------|---------|---------|---------|---------|---------|
| 1 | 20.00% | 14.29% | 10.00% | 5.00% | 3.750% |
| 2 | 32.00% | 24.49% | 18.00% | 9.50% | 7.219% |
| 3 | 19.20% | 17.49% | 14.40% | 8.55% | 6.677% |
| 4 | 11.52% | 12.49% | 11.52% | 7.70% | 6.177% |
| 5 | 11.52% | 8.93% | 9.22% | 6.93% | 5.713% |
| 6 | 5.76% | 8.92% | 7.37% | 6.23% | 5.285% |
| 7 | | 8.93% | 6.55% | 5.90% | 4.888% |
| 8 | | 4.46% | 6.55% | 5.90% | 4.522% |
| 9 | | | 6.56% | 5.91% | 4.462% |
| 10 | | | 6.55% | 5.90% | 4.461% |
| 11 | | | 3.28% | 5.91% | 4.462% |
| 12 | | | | 5.90% | 4.461% |
| 13 | | | | 5.91% | 4.462% |
| 14 | | | | 5.90% | 4.461% |
| 15 | | | | 5.91% | 4.462% |
| 16 | | | | 2.95% | 4.461% |
| 17 | | | | | 4.462% |
| 18 | | | | | 4.461% |
| 19 | | | | | 4.462% |
| 20 | | | | | 4.461% |
| 21 | | | | | 2.231% |
| | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |

V) INFLATION FORECAST AS OF:

| YEAR | CPI | HRLY COMP | PPI CAPITAL |
|------|-------|-----------|-------------|
| 2001 | 2.72% | 4.89% | 1.39% |
| 2002 | 2.49% | 3.85% | 1.10% |
| 2003 | 2.79% | 4.39% | 1.30% |
| 2004 | 2.81% | 3.84% | 0.72% |
| 2005 | 2.74% | 3.44% | 0.53% |
| 2006 | 2.60% | 3.41% | 0.87% |
| 2007 | 2.58% | 3.62% | 0.91% |
| 2008 | 2.56% | 3.83% | 0.95% |
| 2009 | 2.54% | 4.03% | 1.00% |
| 2010 | 2.52% | 4.24% | 1.04% |
| 2011 | 2.50% | 4.45% | 1.08% |
| 2012 | 2.50% | 4.45% | 1.08% |
| 2013 | 2.50% | 4.45% | 1.08% |
| 2014 | 2.50% | 4.45% | 1.08% |
| 2015 | 2.50% | 4.45% | 1.08% |
| 2016 | 2.50% | 4.45% | 1.08% |
| 2017 | 2.50% | 4.45% | 1.08% |
| 2018 | 2.50% | 4.45% | 1.08% |
| 2019 | 2.50% | 4.45% | 1.08% |
| 2020 | 2.50% | 4.45% | 1.08% |
| 2021 | 2.50% | 4.45% | 1.08% |
| 2022 | 2.50% | 4.46% | 1.08% |
| 2023 | 2.50% | 4.46% | 1.08% |
| 2024 | 2.50% | 4.46% | 1.08% |
| 2025 | 2.50% | 4.46% | 1.08% |
| 2026 | 2.50% | 4.46% | 1.08% |
| 2027 | 2.50% | 4.46% | 1.08% |
| 2028 | 2.50% | 4.46% | 1.08% |
| 2029 | 2.50% | 4.46% | 1.08% |
| 2030 | 2.50% | 4.46% | 1.08% |
| 2031 | 2.50% | 4.46% | 1.08% |
| 2032 | 2.50% | 4.46% | 1.08% |
| 2033 | 2.50% | 4.46% | 1.08% |
| 2034 | 2.50% | 4.46% | 1.08% |
| 2035 | 2.50% | 4.46% | 1.08% |
| 2036 | 2.50% | 4.46% | 1.08% |
| 2037 | 2.50% | 4.46% | 1.08% |
| 2038 | 2.50% | 4.46% | 1.08% |
| 2039 | 2.50% | 4.46% | 1.08% |
| 2040 | 2.50% | 4.46% | 1.08% |
| 2041 | 2.50% | 4.46% | 1.08% |
| 2042 | 2.50% | 4.46% | 1.08% |
| 2043 | 2.50% | 4.46% | 1.08% |
| 2044 | 2.50% | 4.46% | 1.08% |

Combination Plan # 1 (MR Conv, FC 3; FC 58)

INPUT SHEET #5 - CAPITAL INVESTMENTS THAT REQUIRE CONSTRUCTION

M-19

| | |
|-------------------------|------------|
| TITLE FOR INVESTMENT #1 | Project #1 |
| TITLE FOR INVESTMENT #2 | Project #2 |
| TITLE FOR INVESTMENT #3 | Project #3 |

ASSUMPTIONS:

| |
|---|
| ESTIMATE IN \$'s (Can not be before 2001) |
| ESCALATE CONST. CASH FLOWS (1=YES, 2=NO) |
| COMPUTE AFUDC (1=YES, 2=NO) |
| CONSTRUCTION START MONTH |
| CONSTRUCTION START YEAR |
| CONSTRUCTION END MONTH |
| CONSTRUCTION END YEAR |
| IN-SERVICE MONTH |
| IN-SERVICE YEAR |
| USEFUL LIFE |
| BOOK DEPRECIATION RATE |
| TAX DEPRECIATION CLASS |

| INV. #1 |
|---------|
| 2002 |
| 1 |
| 1 |
| 1 |
| 2002 |
| 12 |
| 2004 |
| 1 |
| 2005 |
| 40 |
| 2.50% |
| 20 |

| INV. #2 |
|---------|
| 2002 |
| 1 |
| 1 |
| 1 |
| 2002 |
| 12 |
| 2005 |
| 1 |
| 2006 |
| 30 |
| 3.33% |
| 20 |

| INV. #3 |
|---------|
| 2002 |
| 1 |
| 1 |
| 1 |
| 2002 |
| 12 |
| 2005 |
| 1 |
| 2006 |
| 30 |
| 3.33% |
| 20 |

| CASH FLOWS | LABOR | MATERIALS | LABOR | MATERIALS | LABOR | MATERIALS |
|-------------------------|------------------|------------------|-------------|-------------|-------------|-------------|
| YEAR 1 | 10,357.80 | 6,622.20 | | | | |
| YEAR 2 | 19,208.90 | 12,281.10 | | | | |
| YEAR 3 | 27,468.30 | 17,561.70 | | | | |
| YEAR 4 | | | | | | |
| YEAR 5 | | | | | | |
| YEAR 6 | | | | | | |
| YEAR 7 | | | | | | |
| YEAR 8 | | | | | | |
| YEAR 9 | | | | | | |
| YEAR 10 | | | | | | |
| TOTAL CASH FLOWS | 57,035.00 | 36,465.00 | 0.00 | 0.00 | 0.00 | 0.00 |

93,500.00

*** Per Jeff Young (conversation on 1/11/02), cost split 45% labor, 39% material and 16% overhead, where overhead is considered engineering, part of labor, etc. Therefore, assumed 39% materials and 61% labor.

Combination Plan # 1 (MR Conv, FC 3; FC 58)

Calculation Sheet #1 - In-Service Cost for Capital Expenditures Requiring Construction

Project #1

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2002 | 12 | 16,980.00 | 16,980.00 | 828.28 | 828.28 | 281.95 | 626.56 | 626.56 | (132.93) | (132.93) |
| 2003 | 12 | 32,492.43 | 49,472.43 | 3,335.33 | 4,163.61 | 1,135.36 | 2,498.33 | 3,124.90 | (525.77) | (658.70) |
| 2004 | 12 | 47,693.97 | 97,166.40 | 7,623.51 | 11,787.12 | 2,595.09 | 5,641.59 | 8,766.49 | (1,175.19) | (1,833.89) |
| 2005 | 0 | 0.00 | 97,166.40 | 0.00 | 11,787.12 | 0.00 | 0.00 | 8,766.49 | 0.00 | (1,833.89) |
| 2006 | 0 | 0.00 | 97,166.40 | 0.00 | 11,787.12 | 0.00 | 0.00 | 8,766.49 | 0.00 | (1,833.89) |
| 2007 | 0 | 0.00 | 97,166.40 | 0.00 | 11,787.12 | 0.00 | 0.00 | 8,766.49 | 0.00 | (1,833.89) |
| 2008 | 0 | 0.00 | 97,166.40 | 0.00 | 11,787.12 | 0.00 | 0.00 | 8,766.49 | 0.00 | (1,833.89) |
| 2009 | 0 | 0.00 | 97,166.40 | 0.00 | 11,787.12 | 0.00 | 0.00 | 8,766.49 | 0.00 | (1,833.89) |
| 2010 | 0 | 0.00 | 97,166.40 | 0.00 | 11,787.12 | 0.00 | 0.00 | 8,766.49 | 0.00 | (1,833.89) |
| 2011 | 0 | 0.00 | 97,166.40 | 0.00 | 11,787.12 | 0.00 | 0.00 | 8,766.49 | 0.00 | (1,833.89) |

Project #2

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2002 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2003 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2004 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2005 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2006 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2007 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2008 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2009 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2010 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2011 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Project #3

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2002 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2003 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2004 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2005 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2006 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2007 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2008 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2009 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2010 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2011 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Combination Plan # 1 (MR Conv, F)

Results - Revenue Requirements

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-------------------|-------------|-------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
| Capital Carrying Cost | | | | | | | | | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 0.00 | 0.00 | 0.00 | 0.00 | 17,949.70 | 17,397.67 | 16,762.88 | 16,157.55 | 15,579.47 | 15,026.62 | 14,497.09 | 13,989.13 |
| Project #2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 0.00 | 0.00 | 0.00 | 0.00 | 17,949.70 | 17,397.67 | 16,762.88 | 16,157.55 | 15,579.47 | 15,026.62 | 14,497.09 | 13,989.13 |
| Operating Savings | | | | | | | | | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | | | | | | | | | |
| Property Taxes & Insurance | 0.00 | 0.00 | 0.00 | 0.00 | 2,680.26 | 2,626.83 | 2,573.60 | 2,520.56 | 2,467.78 | 2,415.21 | 2,362.83 | 2,310.51 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 0.00 | 0.00 | 0.00 | 0.00 | 2,680.26 | 2,626.83 | 2,573.60 | 2,520.56 | 2,467.78 | 2,415.21 | 2,362.83 | 2,310.51 |
| Total Annual Revenue Requirements | 0.00 | 0.00 | 0.00 | 0.00 | 20,629.96 | 20,024.50 | 19,336.48 | 18,678.11 | 18,047.25 | 17,441.83 | 16,859.92 | 16,299.65 |
| Present Value @ 8.5% | 0.00 | 0.00 | 0.00 | 0.00 | 14,886.05 | 13,317.20 | 11,852.20 | 10,551.76 | 9,396.65 | 8,369.98 | 7,456.90 | 6,644.33 |
| Cumulative Present Value | 0.00 | 0.00 | 0.00 | 0.00 | 14,886.05 | 28,203.25 | 40,055.45 | 50,607.20 | 60,003.86 | 68,373.83 | 75,830.73 | 82,475.06 |
| Total Present Value Revenue Requirements | 128,164.81 | | | | | | | | | | | |

Combination Plan # 1 (MR)

Results - Revenue Requirements

| | 13 2013 | 14 2014 | 15 2015 | 16 2016 | 17 2017 | 18 2018 | 19 2019 | 20 2020 | 21 2021 | 22 2022 | 23 2023 | 24 2024 |
|---|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Capital Carrying Cost | | | | | | | | | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 13,493.22 | 12,999.04 | 12,504.85 | 12,010.66 | 11,516.48 | 11,022.29 | 10,528.10 | 10,033.92 | 9,539.73 | 9,045.54 | 8,551.36 | 8,057.17 |
| Project #2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 13,493.22 | 12,999.04 | 12,504.85 | 12,010.66 | 11,516.48 | 11,022.29 | 10,528.10 | 10,033.92 | 9,539.73 | 9,045.54 | 8,551.36 | 8,057.17 |
| Operating Savings | | | | | | | | | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | | | | | | | | | |
| Property Taxes & Insurance | 2,258.25 | 2,206.04 | 2,153.88 | 2,101.78 | 2,049.71 | 1,997.70 | 1,945.74 | 1,893.83 | 1,841.98 | 1,790.18 | 1,738.44 | 1,686.76 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 2,258.25 | 2,206.04 | 2,153.88 | 2,101.78 | 2,049.71 | 1,997.70 | 1,945.74 | 1,893.83 | 1,841.98 | 1,790.18 | 1,738.44 | 1,686.76 |
| Total Annual Revenue Requirements | 15,751.47 | 15,205.07 | 14,658.73 | 14,112.45 | 13,566.19 | 13,019.99 | 12,473.84 | 11,927.75 | 11,381.71 | 10,835.73 | 10,289.80 | 9,743.93 |
| Present Value @ 8.5% | 5,917.85 | 5,265.04 | 4,678.21 | 4,151.03 | 3,677.75 | 3,253.16 | 2,872.53 | 2,531.59 | 2,226.45 | 1,953.59 | 1,709.83 | 1,492.28 |
| Cumulative Present Value | 88,392.91 | 93,657.96 | 98,336.17 | 102,487.20 | 106,164.95 | 109,418.11 | 112,290.64 | 114,822.23 | 117,048.68 | 119,002.27 | 120,712.10 | 122,204.38 |
| Total Present Value Revenue Requirements | | | | | | | | | | | | |

Combination Plan # 1 (MR)

Results - Revenue Requirements

| | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| Capital Carrying Cost | | | | | | | | | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 7,626.06 | 7,321.08 | 7,079.18 | 6,837.28 | 6,595.38 | 6,353.47 | 6,111.57 | 5,869.67 | 5,627.77 | 5,385.87 | 5,143.97 | 4,902.07 |
| Project #2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 7,626.06 | 7,321.08 | 7,079.18 | 6,837.28 | 6,595.38 | 6,353.47 | 6,111.57 | 5,869.67 | 5,627.77 | 5,385.87 | 5,143.97 | 4,902.07 |
| Operating Savings | | | | | | | | | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | | | | | | | | | |
| Property Taxes & Insurance | 1,635.13 | 1,583.55 | 1,532.04 | 1,480.58 | 1,429.18 | 1,377.84 | 1,326.56 | 1,275.34 | 1,224.18 | 1,173.08 | 1,122.05 | 1,071.08 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 1,635.13 | 1,583.55 | 1,532.04 | 1,480.58 | 1,429.18 | 1,377.84 | 1,326.56 | 1,275.34 | 1,224.18 | 1,173.08 | 1,122.05 | 1,071.08 |
| Total Annual Revenue Requirements | 9,261.19 | 8,904.63 | 8,611.21 | 8,317.85 | 8,024.55 | 7,731.31 | 7,438.13 | 7,145.01 | 6,851.95 | 6,558.95 | 6,266.02 | 5,973.15 |
| Present Value @ 8.5% | 1,307.23 | 1,158.44 | 1,032.50 | 919.20 | 817.31 | 725.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Cumulative Present Value | 123,511.61 | 124,670.05 | 125,702.55 | 126,621.75 | 127,439.06 | 128,164.81 | 128,164.81 | 128,164.81 | 128,164.81 | 128,164.81 | 128,164.81 | 128,164.81 |
| Total Present Value Revenue Requirements | | | | | | | | | | | | |

Combination Plan # 1 (MR)

Results - Revenue Requirements

| | 37 2037 | 38 2038 | 39 2039 | 40 2040 |
|---|-------------------|-------------------|-------------------|-------------------|
| Capital Carrying Cost | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 4,660.16 | 4,418.26 | 4,176.36 | 3,934.46 |
| Project #2 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 4,660.16 | 4,418.26 | 4,176.36 | 3,934.46 |
| Operating Savings | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | |
| Property Taxes & Insurance | 1,020.18 | 969.34 | 918.56 | 867.86 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 1,020.18 | 969.34 | 918.56 | 867.86 |
| Total Annual Revenue Requirements | 5,680.34 | 5,387.60 | 5,094.92 | 4,802.32 |
| Present Value @ 8.5% | 0.00 | 0.00 | 0.00 | 0.00 |
| Cumulative Present Value | 128,164.81 | 128,164.81 | 128,164.81 | 128,164.81 |
| Total Present Value Revenue Requirements | | | | |

FPL POWER GENERATION PROJECTS
CASHFLOW FOR TRANSMISSION INTEGRATION DOLLARS BY MONTH

MARTIN CONVERSION TO 4X1 COMBINED CYCLE

** COMBUSTION TURBINES #41 & #43 PER CURRENT CONTRACT PAYMENT / DELIVERY COMMITMENT **

Date: February 26, 2002

Revised to reflect adjustments to Transmission Integration Costs per construction schedule - All changes are in blue

| | TOTAL YEAR | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|------------------------------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 2002 BUDGET YEAR | | | | | | | | | | | | | |
| TRANSMISSION INTEGRATION | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SUBTOTAL AFUDC | | | | | | | | | | | | | |
| 2003 BUDGET YEAR | | | | | | | | | | | | | |
| TRANSMISSION INTEGRATION + ESC | \$10,463,160 | \$718,080 | \$718,080 | \$718,080 | \$718,080 | \$718,080 | \$718,080 | \$1,025,800 | \$1,025,800 | \$1,025,800 | \$1,025,800 | \$1,025,800 | \$1,025,800 |
| SUBTOTAL AFUDC | | | | | | | | | | | | | |
| 2004 BUDGET YEAR | | | | | | | | | | | | | |
| TRANSMISSION INTEGRATION + ESC | \$18,414,649 | \$1,788,852 | \$1,788,852 | \$1,788,852 | \$1,788,852 | \$1,788,852 | \$1,788,852 | \$1,367,945 | \$1,282,719 | \$1,282,719 | \$1,282,719 | \$1,282,719 | \$1,282,719 |
| SUBTOTAL AFUDC | | | | | | | | | | | | | |
| 2005 BUDGET YEAR | | | | | | | | | | | | | |
| TRANSMISSION INTEGRATION + ESC | \$1,403,238 | \$485,736 | \$485,736 | \$431,786 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SUBTOTAL AFUDC | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| TOTAL TX INTEGRATION BUDGET | \$30,281,047 | | | | | | | | | | | | |

M-25

000872

FPL POWER GENERATION PROJECTS
CASHFLOW FOR TRANSMISSION INTEGRATION DOLLARS BY MONTH

MANATEE BROWNFIELD 4X1 COMBINED CYCLE

** COMBUSTION TURBINES #42 #44 #45 #48 PER CURRENT CONTRACT PAYMENT / DELIVERY COMMITMENT **

Date: February 26, 2002

Revised to reflect adjustments to Transmission Integration Costs - All changes are in blue

| | TOTAL YEAR | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|------------------------------------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2002 BUDGET YEAR | | | | | | | | | | | | | |
| TRANSMISSION INTEGRATION | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SUBTOTAL AFUDC | | | | | | | | | | | | | |
| 2003 BUDGET YEAR | | | | | | | | | | | | | |
| TRANSMISSION INTEGRATION + ESC | \$2,564,500 | \$205,160 | \$205,160 | \$205,160 | \$205,160 | \$205,160 | \$205,160 | \$307,740 | \$205,160 | \$205,160 | \$205,160 | \$205,160 | \$205,160 |
| SUBTOTAL AFUDC | | | | | | | | | | | | | |
| 2004 BUDGET YEAR | | | | | | | | | | | | | |
| TRANSMISSION INTEGRATION | \$10,101,750 | \$841,813 | \$841,813 | \$841,813 | \$841,813 | \$841,813 | \$841,813 | \$841,813 | \$841,813 | \$841,813 | \$841,813 | \$841,813 | \$841,813 |
| SUBTOTAL AFUDC | | | | | | | | | | | | | |
| 2005 BUDGET YEAR | | | | | | | | | | | | | |
| TRANSMISSION INTEGRATION | \$755,590 | \$107,941 | \$107,941 | \$107,941 | \$107,941 | \$107,941 | \$107,941 | \$107,941 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SUBTOTAL AFUDC | | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| TOTAL TX INTEGRATION BUDGET | \$13,421,840 | | | | | | | | | | | | |

M - 26

000873

| | 2003 | | | | | | | | | |
|--|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | TOTAL YEAR | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER |
| FEBRUARY COMBINATION PLAN | | | | | | | | | | |
| TOTAL CASH FLOW FOR FEBRUARY COMBINATION | \$ 4,051,665 | \$ 292,165 | \$ 292,165 | \$ 292,165 | \$ 292,165 | \$ 292,165 | \$ 292,165 | \$ 424,469 | \$ 374,841 | \$ 374,841 |
| COMBINATION PLAN # 1 | | | | | | | | | | |
| TOTAL CASH FLOW FOR COMBINATION PLAN # 1 | \$ 19,089,574 | \$ 1,376,548 | \$ 1,376,548 | \$ 1,376,548 | \$ 1,376,548 | \$ 1,376,548 | \$ 1,376,548 | \$ 1,999,901 | \$ 1,766,077 | \$ 1,766,077 |

| | 2004 | | | | | | | | | | |
|--|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | OCTOBER | NOVEMBER | DECEMBER | TOTAL YEAR | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | |
| FEBRUARY COMBINATION PLAN | | | | | | | | | | | |
| TOTAL CASH FLOW FOR FEBRUARY COMBINATION | \$ 374,841 | \$ 374,841 | \$ 374,841 | \$ 9,028,590 | \$ 835,558 | \$ 835,558 | \$ 835,558 | \$ 835,558 | \$ 835,558 | \$ 835,558 | \$ 835,558 |
| COMBINATION PLAN # 1 | | | | | | | | | | | |
| TOTAL CASH FLOW FOR COMBINATION PLAN # 1 | \$ 1,766,077 | \$ 1,766,077 | \$ 1,766,077 | \$ 52,095,960 | \$ 4,625,947 | \$ 4,625,947 | \$ 4,625,947 | \$ 4,625,947 | \$ 4,625,947 | \$ 4,625,947 | \$ 4,625,947 |

| | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | 2005 TOTAL YEAR | JANUARY | FEBRUARY | MARCH |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------------|--------------|--------------|--------------|
| FEBRUARY COMBINATION PLAN | | | | | | | | | | |
| TOTAL CASH FLOW FOR FEBRUARY COMBINATION | \$ 700,139 | \$ 663,021 | \$ 663,021 | \$ 663,021 | \$ 663,021 | \$ 663,021 | \$ 1,021,312 | \$ 223,124 | \$ 223,124 | \$ 205,208 |
| COMBINATION PLAN # 1 | | | | | | | | | | |
| TOTAL CASH FLOW FOR COMBINATION PLAN # 1 | \$ 4,300,004 | \$ 4,008,055 | \$ 4,008,055 | \$ 4,008,055 | \$ 4,008,055 | \$ 4,008,055 | \$ 25,732,277 | \$ 2,995,049 | \$ 2,995,049 | \$ 2,910,638 |

| | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | 2006 TOTAL YEAR |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------|
| FEBRUARY COMBINATION PLAN | | | | | | | | | | |
| TOTAL CASH FLOW FOR FEBRUARY COMBINATION | \$ 61,882 | \$ 61,882 | \$ 61,882 | \$ 56,334 | \$ 25,575 | \$ 25,575 | \$ 25,575 | \$ 25,575 | \$ 25,575 | \$ 26,490 |
| COMBINATION PLAN # 1 | | | | | | | | | | |
| TOTAL CASH FLOW FOR COMBINATION PLAN # 1 | \$ 2,235,354 | \$ 2,235,354 | \$ 2,235,354 | \$ 1,877,460 | \$ 1,649,604 | \$ 1,649,604 | \$ 1,649,604 | \$ 1,649,604 | \$ 1,649,604 | \$ 1,708,576 |

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|--|------------|------------|------------|-----------|-----------|-----------|-----------|--------|-----------|---------|----------|----------|
| FEBRUARY COMBINATION PLAN | | | | | | | | | | | | |
| TOTAL CASH FLOW FOR FEBRUARY COMBINATION | \$ 7,520 | \$ 7,520 | \$ 6,814 | \$ 1,159 | \$ 1,159 | \$ 1,159 | \$ 1,159 | \$ - | \$ - | \$ - | \$ - | \$ - |
| COMBINATION PLAN # 1 | | | | | | | | | | | | |
| TOTAL CASH FLOW FOR COMBINATION PLAN # 1 | \$ 485,065 | \$ 485,065 | \$ 439,474 | \$ 74,743 | \$ 74,743 | \$ 74,743 | \$ 74,743 | \$ - | \$ - | \$ - | \$ - | \$ - |

Florida Power & Light Company

Accrual of AFUDC ON February Combination Plan #1

| | Dec-02 | Jan-03 | Feb-03 | Mar-03 | Apr-03 | May-03 | Jun-03 | Jul-03 | Aug-03 | Sep-03 | Oct-03 | Nov-03 | Dec-03 | TOTAL FOR YEAR |
|--|-----------|-------------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|----------------|
| February Combination Plan #1 | | 1,376,548 | 1,376,548 | 1,376,548 | 1,376,548 | 1,376,548 | 1,376,548 | 1,899,901 | 1,766,077 | 1,766,077 | 1,766,077 | 1,766,077 | 1,766,077 | 19,089,574 |
| Balance End of Month | | 1,376,548 | 2,753,096 | 4,129,644 | 5,506,192 | 6,882,740 | 8,259,288 | 10,259,189 | 12,025,266 | 13,791,343 | 15,557,420 | 17,323,497 | 19,089,574 | |
| Average Plant in Service (Beg. + End)/2 | | 688,274 | 2,084,822 | 3,441,370 | 4,817,918 | 6,194,466 | 7,571,014 | 9,259,239 | 11,142,228 | 12,908,305 | 14,674,382 | 16,440,459 | 18,206,538 | |
| Half Month convention | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AFUDC Rate (Annual 8.26%, Monthly .0066357%) | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | |
| AFUDC For the Month | | 4,567 | 13,702 | 22,838 | 31,970 | 41,105 | 50,239 | 61,442 | 73,836 | 85,856 | 97,375 | 108,094 | 120,813 | 712,734 |
| AFUDC Rate (Annual 8.26%, Monthly .0066357%) | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | |
| AFUDC Calculated on AFUDC Accrual | | 30 | 121 | 274 | 488 | 764 | 1,102 | 1,517 | 2,018 | 2,800 | 3,263 | 4,009 | | 16,185 |
| Total Cumulative AFUDC | 4,567 | 18,299 | 41,256 | 73,500 | 115,093 | 186,095 | 228,639 | 304,093 | 391,766 | 491,741 | 604,098 | 728,919 | | 728,919 |
| Monthly AFUDC | 4,567 | 13,732 | 22,957 | 32,244 | 41,592 | 51,003 | 62,544 | 75,454 | 87,674 | 99,974 | 112,357 | 124,822 | | 728,919 |
| Equity Component | 0.0499 | 0.604116223 | 2,759 | 8,296 | 13,869 | 19,479 | 25,127 | 30,812 | 37,784 | 45,583 | 52,965 | 60,396 | 67,877 | 440,352 |
| Debt Component | 0.0327 | 0.395883777 | 1,808 | 5,436 | 9,088 | 12,765 | 16,466 | 20,191 | 24,760 | 29,871 | 34,709 | 39,578 | 44,480 | 288,567 |
| | 0.0826 | | | | | | | | | | | | | |
| Deferred Taxes | | (697) | (2,097) | (3,506) | (4,924) | (6,352) | (7,789) | (9,551) | (11,523) | (13,389) | (15,267) | (17,158) | (19,062) | (111,315) |
| AFUDC FOR FINANCIAL REPORTING | | | | | | | | | | | | | | |
| Equity Component | 0.0443 | 0.536319613 | 2,449 | 7,365 | 12,312 | 17,293 | 22,307 | 27,354 | 33,543 | 40,487 | 47,021 | 53,618 | 60,259 | 390,934 |
| Debt Component | 0.0383 | 0.463680387 | 2,118 | 6,367 | 10,645 | 14,951 | 19,286 | 23,649 | 29,000 | 34,988 | 40,852 | 46,356 | 52,098 | 337,986 |
| | 0.0826 | | | | | | | | | | | | | 728,919 |

| | Dec-03 | Jan-04 | Feb-04 | Mar-04 | Apr-04 | May-04 | Jun-04 | Jul-04 | Aug-04 | Sep-04 | Oct-04 | Nov-04 | Dec-04 | TOTAL FOR YEAR |
|--|------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------------|
| February Combination Plan #1 | 1,766,077 | 4,625,947 | 4,625,947 | 4,625,947 | 4,625,947 | 4,625,947 | 4,625,947 | 4,300,004 | 4,008,055 | 4,008,055 | 4,008,055 | 4,008,055 | 4,008,055 | 52,095,961 |
| Balance End of Month | 19,089,574 | 23,715,521 | 28,341,468 | 32,967,415 | 37,593,362 | 42,219,309 | 46,845,256 | 51,145,280 | 55,153,315 | 59,161,370 | 63,169,425 | 67,177,480 | 71,185,535 | |
| Average Plant in Service (Beg. + End)/2 | 18,208,536 | 21,402,548 | 26,028,495 | 30,654,442 | 35,280,389 | 39,906,336 | 44,532,283 | 48,995,258 | 53,149,288 | 57,157,343 | 61,165,398 | 65,173,453 | 69,181,508 | |
| Half Month convention | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AFUDC Rate (Annual 8.26%, Monthly .0066357%) | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | |
| AFUDC For the Month | 712,734 | 142,021 | 172,717 | 203,414 | 234,110 | 264,806 | 295,503 | 325,118 | 352,883 | 379,279 | 405,875 | 432,471 | 459,068 | 3,967,065 |
| AFUDC Rate (Annual 8.26%, Monthly .0066357%) | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | |
| AFUDC Calculated on AFUDC Accrual | 16,185 | 4,837 | 5,811 | 6,998 | 8,392 | 10,001 | 11,825 | 13,864 | 16,114 | 18,581 | 21,201 | 24,035 | 27,064 | 168,702 |
| Total Cumulative AFUDC | 728,919 | 875,777 | 1,054,306 | 1,264,716 | 1,507,218 | 1,782,026 | 2,089,354 | 2,428,336 | 2,797,132 | 3,194,972 | 3,622,048 | 4,078,555 | 4,564,686 | 4,564,686 |
| Monthly AFUDC | | 146,858 | 178,529 | 210,410 | 242,502 | 274,808 | 307,328 | 338,982 | 368,796 | 397,840 | 427,076 | 456,506 | 486,132 | 3,835,767 |
| Equity Component | 0.0499 | 0.604116223 | 440,352 | 88,719 | 107,852 | 127,112 | 146,500 | 166,018 | 185,662 | 204,785 | 222,796 | 240,342 | 258,004 | 2,317,249 |
| Debt Component | 0.0327 | 0.395883777 | 288,567 | 58,139 | 70,677 | 83,298 | 96,003 | 108,792 | 121,666 | 134,198 | 146,001 | 157,498 | 169,073 | 1,807,085 |
| | 0.0826 | | | | | | | | | | | | | 4,564,686 |
| Deferred Taxes | (111,315) | (22,427) | (27,264) | (32,132) | (37,033) | (41,967) | (46,933) | (51,787) | (56,320) | (60,755) | (65,220) | (69,714) | (74,238) | (585,768) |
| AFUDC FOR FINANCIAL REPORTING | | | | | | | | | | | | | | |
| Equity Component | 0.0443 | 0.536319613 | 390,934 | 78,763 | 95,748 | 112,847 | 130,059 | 147,385 | 164,826 | 181,803 | 197,793 | 213,389 | 229,049 | 2,057,197 |
| Debt Component | 0.0383 | 0.463680387 | 337,986 | 68,095 | 82,780 | 97,583 | 112,444 | 127,423 | 142,502 | 157,179 | 171,004 | 184,471 | 198,027 | 2,116,556 |
| | 0.0826 | | | | | | | | | | | | | 4,564,686 |

| | Dec-04 | Jan-05 | Feb-05 | Mar-05 | Apr-05 | May-05 | Jun-05 | Jul-05 | Aug-05 | Sep-05 | Oct-05 | Nov-05 | Dec-05 | TOTAL FOR YEAR |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------------|
| February Combination Plan #1 | 4,008,055 | 2,995,049 | 2,995,049 | 2,910,638 | 2,235,354 | 2,235,354 | 2,235,354 | 1,877,460 | 1,649,804 | 1,649,804 | 1,649,804 | 1,649,804 | 1,649,804 | 25,732,278 |
| Balance End of Month | 71,185,535 | 74,180,584 | 77,175,833 | 80,086,271 | 82,321,625 | 84,556,979 | 86,792,333 | 88,669,793 | 90,319,397 | 91,969,001 | 93,618,605 | 95,268,209 | 96,917,813 | |
| Average Plant in Service (Beg. + End)/2 | 69,181,508 | 72,683,060 | 75,678,109 | 78,630,952 | 81,203,948 | 83,439,302 | 85,674,656 | 87,731,083 | 89,494,595 | 91,144,199 | 92,793,803 | 94,443,407 | 96,093,011 | |
| Half Month convention | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AFUDC Rate (Annual 8.26%, Monthly .0066357%) | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | 0.0066357 | |

M-37

INPUT SHEET #1

GENERAL ASSUMPTIONS

PROJECT TITLE:

PROJECT YEAR:

I) COMPOSITE INCOME TAX RATE:
 STATE INCOME TAX RATE:
 FEDERAL INCOME TAX RATE:

II) COST OF CAPITAL AS OF:

| SOURCE | WEIGHT | LONG LIVE ASSETS | | AFTER TAX |
|--------------|---------------|------------------|-------------|-------------|
| | | COST | WTD COST | |
| DEBT | 45.0% | 7.4% | 3.3% | 2.0% |
| PREFERRED | 0.0% | 0.0% | 0.0% | 0.0% |
| COMMON | 55.0% | 11.7% | 6.4% | 6.4% |
| TOTAL | 100.0% | | 9.8% | 8.5% |

DISCOUNT RATE:

III) PROPERTY TAXES:

PROPERTY INSURANCE:

IV) TAX DEPRECIATION RATES

| YEAR | 5 | 7 | 10 | 15 | 20 |
|------|---------|---------|---------|---------|---------|
| 1 | 20.00% | 14.29% | 10.00% | 5.00% | 3.750% |
| 2 | 32.00% | 24.49% | 18.00% | 9.50% | 7.219% |
| 3 | 19.20% | 17.49% | 14.40% | 8.55% | 6.677% |
| 4 | 11.52% | 12.49% | 11.52% | 7.70% | 6.177% |
| 5 | 11.52% | 8.93% | 9.22% | 6.93% | 5.713% |
| 6 | 5.76% | 8.92% | 7.37% | 6.23% | 5.285% |
| 7 | | 8.93% | 6.55% | 5.90% | 4.888% |
| 8 | | 4.46% | 6.55% | 5.90% | 4.522% |
| 9 | | | 6.56% | 5.91% | 4.462% |
| 10 | | | 6.55% | 5.90% | 4.461% |
| 11 | | | 3.28% | 5.91% | 4.462% |
| 12 | | | | 5.90% | 4.461% |
| 13 | | | | 5.91% | 4.462% |
| 14 | | | | 5.90% | 4.461% |
| 15 | | | | 5.91% | 4.462% |
| 16 | | | | 2.95% | 4.461% |
| 17 | | | | | 4.462% |
| 18 | | | | | 4.461% |
| 19 | | | | | 4.462% |
| 20 | | | | | 4.461% |
| 21 | | | | | 2.231% |
| | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |

V) INFLATION FORECAST AS OF:

| YEAR | CPI | HLRY COMP | PPI CAPITAL |
|------|-------|-----------|-------------|
| 2001 | 2.72% | 4.89% | 1.39% |
| 2002 | 2.49% | 3.85% | 1.10% |
| 2003 | 2.79% | 4.39% | 1.30% |
| 2004 | 2.81% | 3.84% | 0.72% |
| 2005 | 2.74% | 3.44% | 0.53% |
| 2006 | 2.60% | 3.41% | 0.87% |
| 2007 | 2.58% | 3.62% | 0.91% |
| 2008 | 2.56% | 3.83% | 0.95% |
| 2009 | 2.54% | 4.03% | 1.00% |
| 2010 | 2.52% | 4.24% | 1.04% |
| 2011 | 2.50% | 4.45% | 1.08% |
| 2012 | 2.50% | 4.45% | 1.08% |
| 2013 | 2.50% | 4.45% | 1.08% |
| 2014 | 2.50% | 4.45% | 1.08% |
| 2015 | 2.50% | 4.45% | 1.08% |
| 2016 | 2.50% | 4.45% | 1.08% |
| 2017 | 2.50% | 4.45% | 1.08% |
| 2018 | 2.50% | 4.45% | 1.08% |
| 2019 | 2.50% | 4.45% | 1.08% |
| 2020 | 2.50% | 4.45% | 1.08% |
| 2021 | 2.50% | 4.45% | 1.08% |
| 2022 | 2.50% | 4.46% | 1.08% |
| 2023 | 2.50% | 4.46% | 1.08% |
| 2024 | 2.50% | 4.46% | 1.08% |
| 2025 | 2.50% | 4.46% | 1.08% |
| 2026 | 2.50% | 4.46% | 1.08% |
| 2027 | 2.50% | 4.46% | 1.08% |
| 2028 | 2.50% | 4.46% | 1.08% |
| 2029 | 2.50% | 4.46% | 1.08% |
| 2030 | 2.50% | 4.46% | 1.08% |
| 2031 | 2.50% | 4.46% | 1.08% |
| 2032 | 2.50% | 4.46% | 1.08% |
| 2033 | 2.50% | 4.46% | 1.08% |
| 2034 | 2.50% | 4.46% | 1.08% |
| 2035 | 2.50% | 4.46% | 1.08% |
| 2036 | 2.50% | 4.46% | 1.08% |
| 2037 | 2.50% | 4.46% | 1.08% |
| 2038 | 2.50% | 4.46% | 1.08% |
| 2039 | 2.50% | 4.46% | 1.08% |
| 2040 | 2.50% | 4.46% | 1.08% |
| 2041 | 2.50% | 4.46% | 1.08% |
| 2042 | 2.50% | 4.46% | 1.08% |
| 2043 | 2.50% | 4.46% | 1.08% |
| 2044 | 2.50% | 4.46% | 1.08% |

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MR & MT Integration Costs

INPUT SHEET #5 - CAPITAL INVESTMENTS THAT REQUIRE CONSTRUCTION

| | |
|-------------------------|------------|
| TITLE FOR INVESTMENT #1 | Project #1 |
| TITLE FOR INVESTMENT #2 | Project #2 |
| TITLE FOR INVESTMENT #3 | Project #3 |

ASSUMPTIONS:

| |
|---|
| ESTIMATE IN \$'s (Can not be before 2001) |
| ESCALATE CONST. CASH FLOWS (1=YES, 2=NO) |
| COMPUTE AFUDC (1=YES, 2=NO) |
| CONSTRUCTION START MONTH |
| CONSTRUCTION START YEAR |
| CONSTRUCTION END MONTH |
| CONSTRUCTION END YEAR |
| IN-SERVICE MONTH |
| IN-SERVICE YEAR |
| USEFUL LIFE |
| BOOK DEPRECIATION RATE |
| TAX DEPRECIATION CLASS |

| INV. #1 |
|---------|
| 2002 |
| 2 |
| 2 |
| 1 |
| 2003 |
| 5 |
| 2005 |
| 6 |
| 2005 |
| 40 |
| 2.50% |
| 20 |

| INV. #2 |
|---------|
| 2002 |
| 1 |
| 1 |
| 1 |
| 2003 |
| 12 |
| 2005 |
| 1 |
| 2006 |
| 30 |
| 3.33% |
| 20 |

| INV. #3 |
|---------|
| 2002 |
| 1 |
| 1 |
| 1 |
| 2003 |
| 12 |
| 2005 |
| 1 |
| 2006 |
| 30 |
| 3.33% |
| 20 |

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| CASH FLOWS | LABOR | | MATERIALS | | LABOR | | MATERIALS | |
|------------------|-------|------|-----------|--|-------|------|-----------|------|
| | | | | | | | | |
| YEAR 1 | | | 13,520.13 | | | | | |
| YEAR 2 | | | 30,860.20 | | | | | |
| YEAR 3 | | | 3,699.03 | | | | | |
| YEAR 4 | | | | | | | | |
| YEAR 5 | | | | | | | | |
| YEAR 6 | | | | | | | | |
| YEAR 7 | | | | | | | | |
| YEAR 8 | | | | | | | | |
| YEAR 9 | | | | | | | | |
| YEAR 10 | | | | | | | | |
| TOTAL CASH FLOWS | | 0.00 | 48,079.36 | | 0.00 | 0.00 | 0.00 | 0.00 |

MR

MT

MR & MT Integration Costs

Calculation Sheet #1 - In-Service Cost for Capital Expenditures Requiring Construction

Project #1

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2003 | 12 | 13,520.13 | 13,520.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2004 | 12 | 30,860.20 | 44,380.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2005 | 5 | 3,699.03 | 48,079.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2006 | 0 | 0.00 | 48,079.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2007 | 0 | 0.00 | 48,079.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2008 | 0 | 0.00 | 48,079.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2009 | 0 | 0.00 | 48,079.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2010 | 0 | 0.00 | 48,079.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2011 | 0 | 0.00 | 48,079.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2012 | 0 | 0.00 | 48,079.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Project #2

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2003 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2004 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2005 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2006 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2007 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2008 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2009 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2010 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2011 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2012 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Project #3

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2003 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2004 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2005 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2006 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2007 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2008 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2009 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2010 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2011 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2012 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

MR & MT Integration Costs

Results - Revenue Requirements

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----------|------|------|------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
| Capital Carrying Cost | | | | | | | | | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 0.00 | 0.00 | 0.00 | 0.00 | 4,536.75 | 7,555.65 | 7,275.16 | 7,008.05 | 6,753.30 | 6,510.00 | 6,277.29 | 6,054.37 |
| Project #2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 0.00 | 0.00 | 0.00 | 0.00 | 4,536.75 | 7,555.65 | 7,275.16 | 7,008.05 | 6,753.30 | 6,510.00 | 6,277.29 | 6,054.37 |
| Operating Savings | | | | | | | | | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | | | | | | | | | |
| Property Taxes & Insurance | 0.00 | 0.00 | 0.00 | 0.00 | 689.94 | 1,169.64 | 1,146.15 | 1,122.75 | 1,099.46 | 1,076.26 | 1,053.15 | 1,030.06 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 0.00 | 0.00 | 0.00 | 0.00 | 689.94 | 1,169.64 | 1,146.15 | 1,122.75 | 1,099.46 | 1,076.26 | 1,053.15 | 1,030.06 |
| Total Annual Revenue Requirements | 0.00 | 0.00 | 0.00 | 0.00 | 5,226.69 | 8,725.29 | 8,421.32 | 8,130.80 | 7,852.75 | 7,586.26 | 7,330.43 | 7,084.42 |
| Present Value @ 8.5% | 0.00 | 0.00 | 0.00 | 0.00 | 3,771.45 | 5,802.72 | 5,161.80 | 4,593.30 | 4,088.69 | 3,640.49 | 3,242.14 | 2,887.87 |
| Cumulative Present Value | 0.00 | 0.00 | 0.00 | 0.00 | 3,771.45 | 9,574.16 | 14,735.97 | 19,329.27 | 23,417.96 | 27,058.45 | 30,300.59 | 33,188.46 |
| Total Present Value Revenue Requirements | 52,993.96 | | | | | | | | | | | |

MR & MT Integration Cos

Results - Revenue Requirements

| | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| Capital Carrying Cost | | | | | | | | | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 3,265.47 | 3,134.67 | 3,032.51 | 2,930.34 | 2,828.17 | 2,726.00 | 2,623.83 | 2,521.66 | 2,419.49 | 2,317.33 | 2,215.16 | 2,112.99 |
| Project #2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 3,265.47 | 3,134.67 | 3,032.51 | 2,930.34 | 2,828.17 | 2,726.00 | 2,623.83 | 2,521.66 | 2,419.49 | 2,317.33 | 2,215.16 | 2,112.99 |
| Operating Savings | | | | | | | | | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | | | | | | | | | |
| Property Taxes & Insurance | 732.02 | 709.26 | 686.53 | 663.82 | 641.14 | 618.48 | 595.85 | 573.25 | 550.68 | 528.13 | 505.61 | 483.12 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 732.02 | 709.26 | 686.53 | 663.82 | 641.14 | 618.48 | 595.85 | 573.25 | 550.68 | 528.13 | 505.61 | 483.12 |
| Total Annual Revenue Requirements | 3,997.49 | 3,843.94 | 3,719.03 | 3,594.16 | 3,469.31 | 3,344.48 | 3,219.69 | 3,094.91 | 2,970.17 | 2,845.45 | 2,720.77 | 2,596.11 |
| Present Value @ 8.5% | 564.25 | 500.07 | 445.92 | 397.19 | 353.35 | 313.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Cumulative Present Value | 50,983.47 | 51,483.55 | 51,929.47 | 52,326.65 | 52,680.01 | 52,993.96 | 52,993.96 | 52,993.96 | 52,993.96 | 52,993.96 | 52,993.96 | 52,993.96 |
| Total Present Value Revenue Requirements | | | | | | | | | | | | |

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MR & MT Integration Cos

Results - Revenue Requirements

| | 37 2037 | 38 2038 | 39 2039 | 40 2040 |
|---|------------------|------------------|------------------|------------------|
| Capital Carrying Cost | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 2,010.82 | 1,908.65 | 1,806.48 | 1,704.31 |
| Project #2 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 2,010.82 | 1,908.65 | 1,806.48 | 1,704.31 |
| Operating Savings | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | |
| Property Taxes & Insurance | 460.65 | 438.22 | 415.81 | 393.44 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 460.65 | 438.22 | 415.81 | 393.44 |
| Total Annual Revenue Requirements | 2,471.47 | 2,346.87 | 2,222.30 | 2,097.75 |
| Present Value @ 8.5% | 0.00 | 0.00 | 0.00 | 0.00 |
| Cumulative Present Value | 52,993.96 | 52,993.96 | 52,993.96 | 52,993.96 |
| Total Present Value Revenue Requirements | | | | |

Combination Plan # 1 (MR Conv, F)

Results - Revenue Requirements

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-------------------|-------------|-------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
| Capital Carrying Cost | | | | | | | | | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 0.00 | 0.00 | 0.00 | 0.00 | 10,278.50 | 17,118.14 | 16,482.66 | 15,877.48 | 15,300.33 | 14,749.11 | 14,221.87 | 13,716.82 |
| Project #2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 511.40 | 851.70 | 820.08 | 789.97 | 761.25 | 733.83 | 707.60 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 0.00 | 0.00 | 0.00 | 0.00 | 10,278.50 | 17,629.54 | 17,334.36 | 16,697.56 | 16,090.30 | 15,510.36 | 14,955.70 | 14,424.41 |
| Operating Savings | | | | | | | | | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | | | | | | | | | |
| Property Taxes & Insurance | 0.00 | 0.00 | 0.00 | 0.00 | 1,563.13 | 2,727.73 | 2,728.59 | 2,672.93 | 2,617.52 | 2,562.35 | 2,507.38 | 2,452.47 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 0.00 | 0.00 | 0.00 | 0.00 | 1,563.13 | 2,727.73 | 2,728.59 | 2,672.93 | 2,617.52 | 2,562.35 | 2,507.38 | 2,452.47 |
| Total Annual Revenue Requirements | 0.00 | 0.00 | 0.00 | 0.00 | 11,841.64 | 20,357.26 | 20,062.95 | 19,370.49 | 18,707.82 | 18,072.71 | 17,463.08 | 16,876.88 |
| Present Value @ 8.5% | 0.00 | 0.00 | 0.00 | 0.00 | 8,544.62 | 13,538.50 | 12,297.49 | 10,942.90 | 9,740.59 | 8,672.73 | 7,723.66 | 6,879.63 |
| Cumulative Present Value | 0.00 | 0.00 | 0.00 | 0.00 | 8,544.62 | 22,083.12 | 34,380.61 | 45,323.51 | 55,064.10 | 63,736.83 | 71,460.49 | 78,340.12 |
| Total Present Value Revenue Requirements | 125,536.84 | | | | | | | | | | | |

M-48

Combination Plan # 1 (MR)

Results - Revenue Requirements

| | 13 2013 | 14 2014 | 15 2015 | 16 2016 | 17 2017 | 18 2018 | 19 2019 | 20 2020 | 21 2021 | 22 2022 | 23 2023 | 24 2024 |
|---|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Capital Carrying Cost | | | | | | | | | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 13,224.15 | 12,733.25 | 12,242.36 | 11,751.47 | 11,260.57 | 10,769.68 | 10,278.78 | 9,787.89 | 9,296.99 | 8,806.10 | 8,315.21 | 7,824.31 |
| Project #2 | 682.47 | 657.96 | 633.53 | 609.11 | 584.68 | 560.26 | 535.84 | 511.41 | 486.99 | 462.56 | 438.14 | 413.72 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 13,906.62 | 13,391.21 | 12,875.89 | 12,360.57 | 11,845.26 | 11,329.94 | 10,814.62 | 10,299.30 | 9,783.98 | 9,268.66 | 8,753.34 | 8,238.03 |
| Operating Savings | | | | | | | | | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | | | | | | | | | |
| Property Taxes & Insurance | 2,397.61 | 2,342.81 | 2,288.07 | 2,233.39 | 2,178.74 | 2,124.15 | 2,069.61 | 2,015.13 | 1,960.71 | 1,906.35 | 1,852.04 | 1,797.80 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 2,397.61 | 2,342.81 | 2,288.07 | 2,233.39 | 2,178.74 | 2,124.15 | 2,069.61 | 2,015.13 | 1,960.71 | 1,906.35 | 1,852.04 | 1,797.80 |
| Total Annual Revenue Requirements | 16,304.23 | 15,734.02 | 15,163.97 | 14,593.97 | 14,024.00 | 13,454.08 | 12,884.23 | 12,314.43 | 11,744.69 | 11,175.01 | 10,605.39 | 10,035.82 |
| Present Value @ 8.5% | 6,125.53 | 5,448.20 | 4,839.46 | 4,292.67 | 3,801.86 | 3,361.62 | 2,967.04 | 2,613.66 | 2,297.45 | 2,014.76 | 1,762.27 | 1,536.98 |
| Cumulative Present Value | 84,465.65 | 89,913.85 | 94,753.30 | 99,045.97 | 102,847.83 | 106,209.45 | 109,176.49 | 111,790.15 | 114,087.60 | 116,102.37 | 117,864.64 | 119,401.62 |
| Total Present Value Revenue Requirements | | | | | | | | | | | | |

M-49

Combination Plan # 1 (MR)

Results - Revenue Requirements

| | 25 2025 | 26 2026 | 27 2027 | 28 2028 | 29 2029 | 30 2030 | 31 2031 | 32 2032 | 33 2033 | 34 2034 | 35 2035 | 36 2036 |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Capital Carrying Cost | | | | | | | | | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 7,398.28 | 7,101.94 | 6,870.47 | 6,638.99 | 6,407.52 | 6,176.05 | 5,944.57 | 5,713.10 | 5,481.62 | 5,250.15 | 5,018.68 | 4,787.20 |
| Project #2 | 389.29 | 368.09 | 353.35 | 341.83 | 330.32 | 318.80 | 307.28 | 295.77 | 284.25 | 272.73 | 261.22 | 249.70 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 7,787.57 | 7,470.04 | 7,223.82 | 6,980.83 | 6,737.84 | 6,494.85 | 6,251.86 | 6,008.86 | 5,765.87 | 5,522.88 | 5,279.89 | 5,036.90 |
| Operating Savings | | | | | | | | | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | | | | | | | | | |
| Property Taxes & Insurance | 1,743.61 | 1,689.48 | 1,635.41 | 1,581.40 | 1,527.45 | 1,473.57 | 1,419.74 | 1,365.99 | 1,312.29 | 1,258.66 | 1,205.10 | 1,151.61 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 1,743.61 | 1,689.48 | 1,635.41 | 1,581.40 | 1,527.45 | 1,473.57 | 1,419.74 | 1,365.99 | 1,312.29 | 1,258.66 | 1,205.10 | 1,151.61 |
| Total Annual Revenue Requirements | 9,531.18 | 9,159.51 | 8,859.23 | 8,562.23 | 8,265.29 | 7,968.41 | 7,671.60 | 7,374.85 | 7,078.17 | 6,781.55 | 6,484.99 | 6,188.51 |
| Present Value @ 8.5% | 1,345.34 | 1,191.60 | 1,062.24 | 946.20 | 841.83 | 748.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Cumulative Present Value | 120,746.96 | 121,938.56 | 123,000.80 | 123,947.00 | 124,788.83 | 125,536.84 | 125,536.84 | 125,536.84 | 125,536.84 | 125,536.84 | 125,536.84 | 125,536.84 |
| Total Present Value Revenue Requirements | | | | | | | | | | | | |

Combination Plan # 1 (MR)

Results - Revenue Requirements

| | 37 2037 | 38 2038 | 39 2039 | 40 2040 |
|---|-------------------|-------------------|-------------------|-------------------|
| Capital Carrying Cost | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 4,555.73 | 4,324.25 | 4,092.78 | 3,861.31 |
| Project #2 | 238.18 | 226.67 | 215.15 | 203.63 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 4,793.91 | 4,550.92 | 4,307.93 | 4,064.94 |
| Operating Savings | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | |
| Property Taxes & Insurance | 1,098.18 | 1,044.82 | 991.53 | 938.31 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 1,098.18 | 1,044.82 | 991.53 | 938.31 |
| Total Annual Revenue Requirements | 5,892.09 | 5,595.74 | 5,299.46 | 5,003.25 |
| Present Value @ 8.5% | 0.00 | 0.00 | 0.00 | 0.00 |
| Cumulative Present Value | 125,536.84 | 125,536.84 | 125,536.84 | 125,536.84 |
| Total Present Value Revenue Requirements | | | | |

INPUT SHEET #1

GENERAL ASSUMPTIONS

PROJECT TITLE:

PROJECT YEAR:

I) COMPOSITE INCOME TAX RATE:
 STATE INCOME TAX RATE:
 FEDERAL INCOME TAX RATE:

II) COST OF CAPITAL AS OF:

| SOURCE | WEIGHT | LONG LIVE ASSETS | | |
|--------------|---------------|------------------|-------------|-------------|
| | | COST | WTD COST | AFTER TAX |
| DEBT | 45.0% | 7.4% | 3.3% | 2.0% |
| PREFERRED | 0.0% | 0.0% | 0.0% | 0.0% |
| COMMON | 55.0% | 11.7% | 6.4% | 6.4% |
| TOTAL | 100.0% | | 9.8% | 8.5% |

DISCOUNT RATE:

III) PROPERTY TAXES:

PROPERTY INSURANCE:

IV) TAX DEPRECIATION RATES

| YEAR | 5 | 7 | 10 | 15 | 20 |
|------|---------|---------|---------|---------|---------|
| 1 | 20.00% | 14.29% | 10.00% | 5.00% | 3.750% |
| 2 | 32.00% | 24.49% | 18.00% | 9.50% | 7.219% |
| 3 | 19.20% | 17.49% | 14.40% | 8.55% | 6.677% |
| 4 | 11.52% | 12.49% | 11.52% | 7.70% | 6.177% |
| 5 | 11.52% | 8.93% | 9.22% | 6.93% | 5.713% |
| 6 | 5.76% | 8.92% | 7.37% | 6.23% | 5.285% |
| 7 | | 8.93% | 6.55% | 5.90% | 4.888% |
| 8 | | 4.46% | 6.55% | 5.90% | 4.522% |
| 9 | | | 6.56% | 5.91% | 4.462% |
| 10 | | | 6.55% | 5.90% | 4.461% |
| 11 | | | 3.28% | 5.91% | 4.462% |
| 12 | | | | 5.90% | 4.461% |
| 13 | | | | 5.91% | 4.462% |
| 14 | | | | 5.90% | 4.461% |
| 15 | | | | 5.91% | 4.462% |
| 16 | | | | 2.95% | 4.461% |
| 17 | | | | | 4.462% |
| 18 | | | | | 4.461% |
| 19 | | | | | 4.462% |
| 20 | | | | | 4.461% |
| 21 | | | | | 2.231% |
| | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |

V) INFLATION FORECAST AS OF:

| YEAR | CPI | HRLY COMP | PPI CAPITAL |
|------|-------|-----------|-------------|
| 2001 | 2.72% | 4.89% | 1.39% |
| 2002 | 2.49% | 3.85% | 1.10% |
| 2003 | 2.79% | 4.39% | 1.30% |
| 2004 | 2.81% | 3.84% | 0.72% |
| 2005 | 2.74% | 3.44% | 0.53% |
| 2006 | 2.60% | 3.41% | 0.87% |
| 2007 | 2.58% | 3.62% | 0.91% |
| 2008 | 2.56% | 3.83% | 0.95% |
| 2009 | 2.54% | 4.03% | 1.00% |
| 2010 | 2.52% | 4.24% | 1.04% |
| 2011 | 2.50% | 4.45% | 1.08% |
| 2012 | 2.50% | 4.45% | 1.08% |
| 2013 | 2.50% | 4.45% | 1.08% |
| 2014 | 2.50% | 4.45% | 1.08% |
| 2015 | 2.50% | 4.45% | 1.08% |
| 2016 | 2.50% | 4.45% | 1.08% |
| 2017 | 2.50% | 4.45% | 1.08% |
| 2018 | 2.50% | 4.45% | 1.08% |
| 2019 | 2.50% | 4.45% | 1.08% |
| 2020 | 2.50% | 4.45% | 1.08% |
| 2021 | 2.50% | 4.45% | 1.08% |
| 2022 | 2.50% | 4.46% | 1.08% |
| 2023 | 2.50% | 4.46% | 1.08% |
| 2024 | 2.50% | 4.46% | 1.08% |
| 2025 | 2.50% | 4.46% | 1.08% |
| 2026 | 2.50% | 4.46% | 1.08% |
| 2027 | 2.50% | 4.46% | 1.08% |
| 2028 | 2.50% | 4.46% | 1.08% |
| 2029 | 2.50% | 4.46% | 1.08% |
| 2030 | 2.50% | 4.46% | 1.08% |
| 2031 | 2.50% | 4.46% | 1.08% |
| 2032 | 2.50% | 4.46% | 1.08% |
| 2033 | 2.50% | 4.46% | 1.08% |
| 2034 | 2.50% | 4.46% | 1.08% |
| 2035 | 2.50% | 4.46% | 1.08% |
| 2036 | 2.50% | 4.46% | 1.08% |
| 2037 | 2.50% | 4.46% | 1.08% |
| 2038 | 2.50% | 4.46% | 1.08% |
| 2039 | 2.50% | 4.46% | 1.08% |
| 2040 | 2.50% | 4.46% | 1.08% |
| 2041 | 2.50% | 4.46% | 1.08% |
| 2042 | 2.50% | 4.46% | 1.08% |
| 2043 | 2.50% | 4.46% | 1.08% |
| 2044 | 2.50% | 4.46% | 1.08% |

Combination Plan # 1 (MR Conv, FC 3; FC 58)

INPUT SHEET #5 - CAPITAL INVESTMENTS THAT REQUIRE CONSTRUCTION

| | |
|-------------------------|------------|
| TITLE FOR INVESTMENT #1 | Project #1 |
| TITLE FOR INVESTMENT #2 | Project #2 |
| TITLE FOR INVESTMENT #3 | Project #3 |

ASSUMPTIONS:

| |
|---|
| ESTIMATE IN \$'s (Can not be before 2001) |
| ESCALATE CONST. CASH FLOWS (1=YES, 2=NO) |
| COMPUTE AFUDC (1=YES, 2=NO) |
| CONSTRUCTION START MONTH |
| CONSTRUCTION START YEAR |
| CONSTRUCTION END MONTH |
| CONSTRUCTION END YEAR |
| IN-SERVICE MONTH |
| IN-SERVICE YEAR |
| USEFUL LIFE |
| BOOK DEPRECIATION RATE |
| TAX DEPRECIATION CLASS |

| INV. #1 |
|---------|
| 2002 |
| 2 |
| 2 |
| 1 |
| 2003 |
| 5 |
| 2005 |
| 6 |
| 2005 |
| 40 |
| 2.50% |
| 20 |

| INV. #2 |
|---------|
| 2002 |
| 2 |
| 2 |
| 1 |
| 2006 |
| 5 |
| 2006 |
| 6 |
| 2006 |
| 40 |
| 2.50% |
| 20 |

| INV. #3 |
|---------|
| 2002 |
| 1 |
| 1 |
| 1 |
| 2003 |
| 12 |
| 2005 |
| 1 |
| 2006 |
| 30 |
| 3.33% |
| 20 |

M - 53

| CASH FLOWS | | LABOR | MATERIALS | LABOR | MATERIALS | LABOR | MATERIALS |
|------------------|--|-------|------------|-------|-----------|-------|-----------|
| YEAR 1 | | | 19,818.49 | | 5,419.67 | | |
| YEAR 2 | | | 55,931.73 | | | | |
| YEAR 3 | | | 33,178.75 | | | | |
| YEAR 4 | | | | | | | |
| YEAR 5 | | | | | | | |
| YEAR 6 | | | | | | | |
| YEAR 7 | | | | | | | |
| YEAR 8 | | | | | | | |
| YEAR 9 | | | | | | | |
| YEAR 10 | | | | | | | |
| TOTAL CASH FLOWS | | 0.00 | 108,928.98 | 0.00 | 5,419.67 | 0.00 | 0.00 |

Combination Plan # 1 (MR Conv, FC 3; FC 58)

Calculation Sheet #1 - In-Service Cost for Capital Expenditures Requiring Construction

Project #1

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2003 | 12 | 19,818.49 | 19,818.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2004 | 12 | 55,931.73 | 75,750.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2005 | 5 | 33,178.75 | 108,928.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2006 | 0 | 0.00 | 108,928.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2007 | 0 | 0.00 | 108,928.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2008 | 0 | 0.00 | 108,928.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2009 | 0 | 0.00 | 108,928.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2010 | 0 | 0.00 | 108,928.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2011 | 0 | 0.00 | 108,928.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2012 | 0 | 0.00 | 108,928.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Project #2

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2006 | 12 | 5,419.67 | 5,419.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2007 | 0 | 0.00 | 5,419.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2008 | 0 | 0.00 | 5,419.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2009 | 0 | 0.00 | 5,419.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2010 | 0 | 0.00 | 5,419.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2011 | 0 | 0.00 | 5,419.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2012 | 0 | 0.00 | 5,419.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013 | 0 | 0.00 | 5,419.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2014 | 0 | 0.00 | 5,419.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2015 | 0 | 0.00 | 5,419.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Project #3

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2003 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2004 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2005 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2006 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2007 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2008 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2009 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2010 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2011 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2012 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

INPUT SHEET #1

GENERAL ASSUMPTIONS

PROJECT TITLE: February Combination Plan (MT, FC 11; FC 65)

PROJECT YEAR: 2001

I) COMPOSITE INCOME TAX RATE: 38.58%
 STATE INCOME TAX RATE: 5.50%
 FEDERAL INCOME TAX RATE: 35.00%

II) COST OF CAPITAL AS OF: Apr-01

| SOURCE | WEIGHT | LONG LIVE ASSETS | | |
|--------------|---------------|------------------|-------------|-------------|
| | | COST | WTD COST | AFTER TAX |
| DEBT | 45.0% | 7.4% | 3.3% | 2.0% |
| PREFERRED | 0.0% | 0.0% | 0.0% | 0.0% |
| COMMON | 55.0% | 11.7% | 6.4% | 6.4% |
| TOTAL | 100.0% | | 9.8% | 8.5% |

DISCOUNT RATE: 8.5%

III) PROPERTY TAXES: 2.09%

PROPERTY INSURANCE: 0.37%

IV) TAX DEPRECIATION RATES

| YEAR | 5 | 7 | 10 | 15 | 20 |
|------|---------|---------|---------|---------|---------|
| 1 | 20.00% | 14.29% | 10.00% | 5.00% | 3.750% |
| 2 | 32.00% | 24.49% | 18.00% | 9.50% | 7.219% |
| 3 | 19.20% | 17.49% | 14.40% | 8.55% | 6.677% |
| 4 | 11.52% | 12.49% | 11.52% | 7.70% | 6.177% |
| 5 | 11.52% | 8.93% | 9.22% | 6.93% | 5.713% |
| 6 | 5.76% | 8.92% | 7.37% | 6.23% | 5.285% |
| 7 | | 8.93% | 6.55% | 5.90% | 4.888% |
| 8 | | 4.46% | 6.55% | 5.90% | 4.522% |
| 9 | | | 6.56% | 5.91% | 4.462% |
| 10 | | | 6.55% | 5.90% | 4.461% |
| 11 | | | 3.28% | 5.91% | 4.462% |
| 12 | | | | 5.90% | 4.461% |
| 13 | | | | 5.91% | 4.462% |
| 14 | | | | 5.90% | 4.461% |
| 15 | | | | 5.91% | 4.462% |
| 16 | | | | 2.95% | 4.461% |
| 17 | | | | | 4.462% |
| 18 | | | | | 4.461% |
| 19 | | | | | 4.462% |
| 20 | | | | | 4.461% |
| 21 | | | | | 2.231% |
| | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |

V) INFLATION FORECAST AS OF: WEFA 12/00

| YEAR | CPI | HLRY COMP | PPI CAPITAL |
|------|-------|-----------|-------------|
| 2001 | 2.72% | 4.89% | 1.39% |
| 2002 | 2.49% | 3.85% | 1.10% |
| 2003 | 2.79% | 4.39% | 1.30% |
| 2004 | 2.81% | 3.84% | 0.72% |
| 2005 | 2.74% | 3.44% | 0.53% |
| 2006 | 2.60% | 3.41% | 0.87% |
| 2007 | 2.58% | 3.62% | 0.91% |
| 2008 | 2.56% | 3.83% | 0.95% |
| 2009 | 2.54% | 4.03% | 1.00% |
| 2010 | 2.52% | 4.24% | 1.04% |
| 2011 | 2.50% | 4.45% | 1.08% |
| 2012 | 2.50% | 4.45% | 1.08% |
| 2013 | 2.50% | 4.45% | 1.08% |
| 2014 | 2.50% | 4.45% | 1.08% |
| 2015 | 2.50% | 4.45% | 1.08% |
| 2016 | 2.50% | 4.45% | 1.08% |
| 2017 | 2.50% | 4.45% | 1.08% |
| 2018 | 2.50% | 4.45% | 1.08% |
| 2019 | 2.50% | 4.45% | 1.08% |
| 2020 | 2.50% | 4.45% | 1.08% |
| 2021 | 2.50% | 4.45% | 1.08% |
| 2022 | 2.50% | 4.46% | 1.08% |
| 2023 | 2.50% | 4.46% | 1.08% |
| 2024 | 2.50% | 4.46% | 1.08% |
| 2025 | 2.50% | 4.46% | 1.08% |
| 2026 | 2.50% | 4.46% | 1.08% |
| 2027 | 2.50% | 4.46% | 1.08% |
| 2028 | 2.50% | 4.46% | 1.08% |
| 2029 | 2.50% | 4.46% | 1.08% |
| 2030 | 2.50% | 4.46% | 1.08% |
| 2031 | 2.50% | 4.46% | 1.08% |
| 2032 | 2.50% | 4.46% | 1.08% |
| 2033 | 2.50% | 4.46% | 1.08% |
| 2034 | 2.50% | 4.46% | 1.08% |
| 2035 | 2.50% | 4.46% | 1.08% |
| 2036 | 2.50% | 4.46% | 1.08% |
| 2037 | 2.50% | 4.46% | 1.08% |
| 2038 | 2.50% | 4.46% | 1.08% |
| 2039 | 2.50% | 4.46% | 1.08% |
| 2040 | 2.50% | 4.46% | 1.08% |
| 2041 | 2.50% | 4.46% | 1.08% |
| 2042 | 2.50% | 4.46% | 1.08% |
| 2043 | 2.50% | 4.46% | 1.08% |
| 2044 | 2.50% | 4.46% | 1.08% |

February Combination Plan (MT, FC 11; FC 65)

INPUT SHEET #5 - CAPITAL INVESTMENTS THAT REQUIRE CONSTRUCTION

| | |
|-------------------------|------------|
| TITLE FOR INVESTMENT #1 | Project #1 |
| TITLE FOR INVESTMENT #2 | Project #2 |
| TITLE FOR INVESTMENT #3 | Project #3 |

ASSUMPTIONS:

| |
|---|
| ESTIMATE IN \$'s (Can not be before 2001) |
| ESCALATE CONST. CASH FLOWS (1=YES, 2=NO) |
| COMPUTE AFUDC (1=YES, 2=NO) |
| CONSTRUCTION START MONTH |
| CONSTRUCTION START YEAR |
| CONSTRUCTION END MONTH |
| CONSTRUCTION END YEAR |
| IN-SERVICE MONTH |
| IN-SERVICE YEAR |
| USEFUL LIFE |
| BOOK DEPRECIATION RATE |
| TAX DEPRECIATION CLASS |

| INV. #1 |
|---------|
| 2002 |
| 2 |
| 2 |
| 1 |
| 2003 |
| 5 |
| 2005 |
| 6 |
| 2005 |
| 40 |
| 2.50% |
| 20 |

| INV. #2 |
|---------|
| 2002 |
| 2 |
| 2 |
| 1 |
| 2006 |
| 5 |
| 2006 |
| 6 |
| 2006 |
| 40 |
| 2.50% |
| 20 |

| INV. #3 |
|---------|
| 2002 |
| 1 |
| 1 |
| 1 |
| 2003 |
| 12 |
| 2005 |
| 1 |
| 2006 |
| 30 |
| 3.33% |
| 20 |

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| CASH FLOWS | | LABOR | MATERIALS | LABOR | MATERIALS | LABOR | MATERIALS |
|------------------|--|-------|-----------|-------|-----------|-------|-----------|
| YEAR 1 | | | 4,206.37 | | 574.10 | | |
| YEAR 2 | | | 9,765.26 | | | | |
| YEAR 3 | | | 2,236.02 | | | | |
| YEAR 4 | | | | | | | |
| YEAR 5 | | | | | | | |
| YEAR 6 | | | | | | | |
| YEAR 7 | | | | | | | |
| YEAR 8 | | | | | | | |
| YEAR 9 | | | | | | | |
| YEAR 10 | | | | | | | |
| TOTAL CASH FLOWS | | 0.00 | 16,207.65 | 0.00 | 574.10 | 0.00 | 0.00 |

February Combination Plan (MT, FC 11; FC 65)

Calculation Sheet #1 - In-Service Cost for Capital Expenditures Requiring Construction

Project #1

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2003 | 12 | 4,206.37 | 4,206.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2004 | 12 | 9,765.26 | 13,971.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2005 | 5 | 2,236.02 | 16,207.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2006 | 0 | 0.00 | 16,207.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2007 | 0 | 0.00 | 16,207.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2008 | 0 | 0.00 | 16,207.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2009 | 0 | 0.00 | 16,207.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2010 | 0 | 0.00 | 16,207.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2011 | 0 | 0.00 | 16,207.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2012 | 0 | 0.00 | 16,207.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Project #2

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2006 | 12 | 574.10 | 574.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2007 | 0 | 0.00 | 574.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2008 | 0 | 0.00 | 574.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2009 | 0 | 0.00 | 574.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2010 | 0 | 0.00 | 574.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2011 | 0 | 0.00 | 574.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2012 | 0 | 0.00 | 574.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013 | 0 | 0.00 | 574.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2014 | 0 | 0.00 | 574.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2015 | 0 | 0.00 | 574.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Project #3

| Year | Construction Months | Nominal \$ Cash Flow | Cumulative Cash Flows | Total AFUDC | Cumulative AFUDC | Debt AFUDC | Const. Period Int. | Cumulative CPI | Deferred Taxes | Cumulative Def. Taxes |
|------|---------------------|----------------------|-----------------------|-------------|------------------|------------|--------------------|----------------|----------------|-----------------------|
| 2003 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2004 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2005 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2006 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2007 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2008 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2009 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2010 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2011 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2012 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

February Combination Plan (MT, F

Results - Revenue Requirements

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|------------------|-------------|-------------|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|
| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
| Capital Carrying Cost | | | | | | | | | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 0.00 | 0.00 | 0.00 | 0.00 | 1,529.35 | 2,547.03 | 2,452.47 | 2,362.43 | 2,276.55 | 2,194.53 | 2,116.09 | 2,040.94 |
| Project #2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 54.17 | 90.22 | 86.87 | 83.68 | 80.64 | 77.73 | 74.96 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 0.00 | 0.00 | 0.00 | 0.00 | 1,529.35 | 2,601.20 | 2,542.69 | 2,449.30 | 2,360.23 | 2,275.17 | 2,193.82 | 2,115.89 |
| Operating Savings | | | | | | | | | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | | | | | | | | | |
| Property Taxes & Insurance | 0.00 | 0.00 | 0.00 | 0.00 | 232.58 | 402.53 | 400.34 | 392.17 | 384.04 | 375.94 | 367.87 | 359.81 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 0.00 | 0.00 | 0.00 | 0.00 | 232.58 | 402.53 | 400.34 | 392.17 | 384.04 | 375.94 | 367.87 | 359.81 |
| Total Annual Revenue Requirements | 0.00 | 0.00 | 0.00 | 0.00 | 1,761.93 | 3,003.73 | 2,943.03 | 2,841.47 | 2,744.27 | 2,651.11 | 2,561.69 | 2,475.71 |
| Present Value @ 8.5% | 0.00 | 0.00 | 0.00 | 0.00 | 1,271.36 | 1,997.61 | 1,803.92 | 1,605.22 | 1,428.86 | 1,272.22 | 1,133.00 | 1,009.19 |
| Cumulative Present Value | 0.00 | 0.00 | 0.00 | 0.00 | 1,271.36 | 3,268.98 | 5,072.89 | 6,678.11 | 8,106.97 | 9,379.19 | 10,512.19 | 11,521.37 |
| Total Present Value Revenue Requirements | 18,444.16 | | | | | | | | | | | |

February Combination PI

Results - Revenue Requirements

| | 13 2013 | 14 2014 | 15 2015 | 16 2016 | 17 2017 | 18 2018 | 19 2019 | 20 2020 | 21 2021 | 22 2022 | 23 2023 | 24 2024 |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Capital Carrying Cost | | | | | | | | | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 1,967.63 | 1,894.59 | 1,821.55 | 1,748.51 | 1,675.47 | 1,602.43 | 1,529.39 | 1,456.35 | 1,383.31 | 1,310.27 | 1,237.23 | 1,164.19 |
| Project #2 | 72.29 | 69.70 | 67.11 | 64.52 | 61.94 | 59.35 | 56.76 | 54.17 | 51.59 | 49.00 | 46.41 | 43.82 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 2,039.93 | 1,964.29 | 1,888.66 | 1,813.04 | 1,737.41 | 1,661.78 | 1,586.15 | 1,510.52 | 1,434.90 | 1,359.27 | 1,283.64 | 1,208.01 |
| Operating Savings | | | | | | | | | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | | | | | | | | | |
| Property Taxes & Insurance | 351.76 | 343.72 | 335.69 | 327.66 | 319.64 | 311.63 | 303.63 | 295.63 | 287.65 | 279.67 | 271.70 | 263.74 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 351.76 | 343.72 | 335.69 | 327.66 | 319.64 | 311.63 | 303.63 | 295.63 | 287.65 | 279.67 | 271.70 | 263.74 |
| Total Annual Revenue Requirements | 2,391.69 | 2,308.01 | 2,224.35 | 2,140.70 | 2,057.05 | 1,973.41 | 1,889.78 | 1,806.16 | 1,722.54 | 1,638.94 | 1,555.34 | 1,471.75 |
| Present Value @ 8.5% | 898.56 | 799.19 | 709.88 | 629.66 | 557.66 | 493.07 | 435.19 | 383.35 | 336.96 | 295.49 | 258.45 | 225.40 |
| Cumulative Present Value | 12,419.94 | 13,219.13 | 13,929.01 | 14,558.68 | 15,116.34 | 15,609.41 | 16,044.60 | 16,427.94 | 16,764.90 | 17,060.39 | 17,318.83 | 17,544.23 |
| Total Present Value Revenue Requirements | | | | | | | | | | | | |

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February Combination PI

Results - Revenue Requirements

| | 25 2025 | 26 2026 | 27 2027 | 28 2028 | 29 2029 | 30 2030 | 31 2031 | 32 2032 | 33 2033 | 34 2034 | 35 2035 | 36 2036 |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Capital Carrying Cost | | | | | | | | | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 1,100.80 | 1,056.71 | 1,022.26 | 987.82 | 953.38 | 918.94 | 884.50 | 850.06 | 815.62 | 781.18 | 746.73 | 712.29 |
| Project #2 | 41.24 | 38.99 | 37.43 | 36.21 | 34.99 | 33.77 | 32.55 | 31.33 | 30.11 | 28.89 | 27.67 | 26.45 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 1,142.03 | 1,095.70 | 1,059.69 | 1,024.03 | 988.37 | 952.71 | 917.05 | 881.39 | 845.73 | 810.07 | 774.40 | 738.74 |
| Operating Savings | | | | | | | | | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | | | | | | | | | |
| Property Taxes & Insurance | 255.78 | 247.84 | 239.90 | 231.98 | 224.06 | 216.15 | 208.25 | 200.37 | 192.49 | 184.61 | 176.75 | 168.90 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 255.78 | 247.84 | 239.90 | 231.98 | 224.06 | 216.15 | 208.25 | 200.37 | 192.49 | 184.61 | 176.75 | 168.90 |
| Total Annual Revenue Requirements | 1,397.82 | 1,343.54 | 1,299.60 | 1,256.01 | 1,212.43 | 1,168.86 | 1,125.30 | 1,081.75 | 1,038.21 | 994.68 | 951.16 | 907.65 |
| Present Value @ 8.5% | 197.30 | 174.79 | 155.82 | 138.80 | 123.49 | 109.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Cumulative Present Value | 17,741.54 | 17,916.32 | 18,072.15 | 18,210.95 | 18,334.44 | 18,444.16 | 18,444.16 | 18,444.16 | 18,444.16 | 18,444.16 | 18,444.16 | 18,444.16 |
| Total Present Value Revenue Requirements | | | | | | | | | | | | |

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February Combination PI

Results - Revenue Requirements

| | 37 2037 | 38 2038 | 39 2039 | 40 2040 |
|---|------------------|------------------|------------------|------------------|
| Capital Carrying Cost | | | | |
| Projects With No Construction | 0.00 | 0.00 | 0.00 | 0.00 |
| Project #1 | 677.85 | 643.41 | 608.97 | 574.53 |
| Project #2 | 25.23 | 24.01 | 22.79 | 21.57 |
| Project #3 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Annual Carrying Cost | 703.08 | 667.42 | 631.76 | 596.10 |
| Operating Savings | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Savings | 0.00 | 0.00 | 0.00 | 0.00 |
| Operating Costs | | | | |
| Property Taxes & Insurance | 161.06 | 153.23 | 145.41 | 137.60 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Operating Costs | 161.06 | 153.23 | 145.41 | 137.60 |
| Total Annual Revenue Requirements | 864.14 | 820.65 | 777.17 | 733.70 |
| Present Value @ 8.5% | 0.00 | 0.00 | 0.00 | 0.00 |
| Cumulative Present Value | 18,444.16 | 18,444.16 | 18,444.16 | 18,444.16 |
| Total Present Value Revenue Requirements | | | | |

Appendix N Equity Penalty Calculation

Equity Penalty Calculation

| | |
|--|--------|
| Discount Rate (cost of debt): | 7.40% |
| Discount Rate (after tax cost of capital): | 8.50% |
| Risk Factor: | 40% |
| Equity Percentage: | 55% |
| Effective Tax Rate: | 38.58% |
| Equity-Debt Cost Difference | 11.6% |

| | | | | | | |
|------|-------------|----------|-----------|-------------|--------------|-----------------|
| | Bid FC 3 | | Capacity: | 465 | | |
| | Capacity | Annual | NPV | | Equity | |
| | Price | Capacity | Demand | Debt | Replaced | Equity |
| | (\$/kW-mo) | Charges | Charges | Equivalence | to Rebalance | Penalty |
| Year | | (\$000) | (\$000) | (\$000) | (\$000) | (\$000) |
| 2001 | | | | | | |
| 2004 | | | | | | |
| 2003 | | | | | | |
| 2004 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| 2005 | \$3.83 | \$21,371 | \$300,747 | \$120,299 | \$66,164 | \$7,707 |
| 2006 | \$3.93 | \$21,929 | \$301,631 | \$120,652 | \$66,359 | \$7,729 |
| 2007 | \$4.03 | \$22,487 | \$302,023 | \$120,809 | \$66,445 | \$7,739 |
| 2008 | \$4.13 | \$23,045 | \$301,885 | \$120,754 | \$66,415 | \$7,736 |
| 2009 | \$4.23 | \$23,603 | \$301,179 | \$120,472 | \$66,259 | \$7,718 |
| 2010 | \$4.34 | \$24,217 | \$299,863 | \$119,945 | \$65,970 | \$7,684 |
| 2011 | \$4.45 | \$24,831 | \$297,835 | \$119,134 | \$65,524 | \$7,632 |
| 2012 | \$4.56 | \$25,445 | \$295,044 | \$118,018 | \$64,910 | \$7,560 |
| 2013 | \$4.67 | \$26,059 | \$291,433 | \$116,573 | \$64,115 | \$7,468 |
| 2014 | \$4.79 | \$26,728 | \$286,940 | \$114,776 | \$63,127 | \$7,353 |
| 2015 | \$4.91 | \$27,398 | \$281,445 | \$112,578 | \$61,918 | \$7,212 |
| 2016 | \$5.03 | \$28,067 | \$274,875 | \$109,950 | \$60,472 | \$7,044 |
| 2017 | \$5.16 | \$28,793 | \$267,148 | \$106,859 | \$58,773 | \$6,846 |
| 2018 | \$5.28 | \$29,462 | \$258,124 | \$103,250 | \$56,787 | \$6,614 |
| 2019 | \$5.42 | \$30,244 | \$247,763 | \$99,105 | \$54,508 | \$6,349 |
| 2020 | \$5.55 | \$30,969 | \$235,854 | \$94,341 | \$51,888 | \$6,044 |
| 2021 | \$5.69 | \$31,750 | \$222,338 | \$88,935 | \$48,914 | \$5,697 |
| 2022 | \$5.83 | \$32,531 | \$207,041 | \$82,816 | \$45,549 | \$5,305 |
| 2023 | \$5.98 | \$33,368 | \$189,830 | \$75,932 | \$41,763 | \$4,864 |
| 2024 | \$6.13 | \$34,205 | \$170,509 | \$68,204 | \$37,512 | \$4,369 |
| 2025 | \$6.28 | \$35,042 | \$148,922 | \$59,569 | \$32,763 | \$3,816 |
| 2026 | \$6.44 | \$35,935 | \$124,899 | \$49,960 | \$27,478 | \$3,201 |
| 2027 | \$6.60 | \$36,828 | \$98,207 | \$39,283 | \$21,605 | \$2,517 |
| 2028 | \$6.76 | \$37,721 | \$68,646 | \$27,458 | \$15,102 | \$1,759 |
| 2029 | \$6.93 | \$38,669 | \$36,005 | \$14,402 | \$7,921 | \$923 |
| 2030 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | | | | | NPV: | \$55,050 |

Appendix N Equity Penalty Calculation

| | |
|--|--------|
| Discount Rate (cost of debt): | 7.40% |
| Discount Rate (after tax cost of capital): | 8.50% |
| Risk Factor: | 40% |
| Equity Percentage: | 55% |
| Effective Tax Rate: | 38.58% |
| Equity-Debt Cost Difference | 11.6% |

| | | | | | |
|---------------------------------|--|-------------------------------------|--------------------------------|---|------------------------------|
| Bid FC 65 | | Capacity: | 465 | | |
| Capacity Price (\$/kW-mo) | Annual Demand Charges (\$000) | NPV Demand Charges (\$000) | Debt Equivalence (\$000) | Equity Replaced to Rebalance (\$000) | Equity Penalty (\$000) |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| \$3.93 | \$21,929 | \$308,290 | \$123,316 | \$67,824 | \$7,900 |
| \$4.03 | \$22,487 | \$309,174 | \$123,670 | \$68,018 | \$7,923 |
| \$4.13 | \$23,045 | \$309,566 | \$123,826 | \$68,104 | \$7,933 |
| \$4.23 | \$23,603 | \$309,428 | \$123,771 | \$68,074 | \$7,929 |
| \$4.34 | \$24,217 | \$308,722 | \$123,489 | \$67,919 | \$7,911 |
| \$4.45 | \$24,831 | \$307,351 | \$122,940 | \$67,617 | \$7,876 |
| \$4.56 | \$25,445 | \$305,264 | \$122,105 | \$67,158 | \$7,822 |
| \$4.67 | \$26,059 | \$302,408 | \$120,963 | \$66,530 | \$7,749 |
| \$4.79 | \$26,728 | \$298,728 | \$119,491 | \$65,720 | \$7,655 |
| \$4.91 | \$27,398 | \$294,105 | \$117,642 | \$64,703 | \$7,536 |
| \$5.03 | \$28,067 | \$288,471 | \$115,389 | \$63,464 | \$7,392 |
| \$5.16 | \$28,793 | \$281,751 | \$112,700 | \$61,985 | \$7,220 |
| \$5.28 | \$29,462 | \$273,808 | \$109,523 | \$60,238 | \$7,016 |
| \$5.42 | \$30,244 | \$264,607 | \$105,843 | \$58,214 | \$6,780 |
| \$5.55 | \$30,969 | \$253,944 | \$101,578 | \$55,868 | \$6,507 |
| \$5.69 | \$31,750 | \$241,767 | \$96,707 | \$53,189 | \$6,195 |
| \$5.83 | \$32,531 | \$227,908 | \$91,163 | \$50,140 | \$5,840 |
| \$5.98 | \$33,368 | \$212,242 | \$84,897 | \$46,693 | \$5,439 |
| \$6.13 | \$34,205 | \$194,579 | \$77,832 | \$42,807 | \$4,986 |
| \$6.28 | \$35,042 | \$174,773 | \$69,909 | \$38,450 | \$4,479 |
| \$6.44 | \$35,935 | \$152,663 | \$61,065 | \$33,586 | \$3,912 |
| \$6.60 | \$36,828 | \$128,025 | \$51,210 | \$28,166 | \$3,281 |
| \$6.76 | \$37,721 | \$100,671 | \$40,268 | \$22,148 | \$2,580 |
| \$6.93 | \$38,669 | \$70,400 | \$28,160 | \$15,488 | \$1,804 |
| \$7.11 | \$39,674 | \$36,940 | \$14,776 | \$8,127 | \$947 |
| | | | | NPV: | \$52,006 |

Appendix O

FPL's Approved DSM Programs

FPL's current DSM Plan consists of six (6) Residential DSM programs and eight (8) Commercial/Industrial DSM programs.

The residential DSM programs are as follows:

Residential Conservation Service: This is an energy audit program which is designed to assist residential customers in understanding how to make their homes more energy-efficient through the installation of conservation measures/practices.

Residential Building Envelope: This program is designed to encourage the installation of energy-efficient ceiling insulation in residential dwellings that utilize whole-house electric air conditioning.

Duct System Testing and Repair: This program is designed to encourage demand and energy conservation through the identification of air leaks in whole-house air conditioning duct systems and by the repair of those leaks by qualified contractors.

Residential Air Conditioning: This is a program which is designed to encourage customers to purchase higher efficiency central cooling and heating equipment.

Residential Load Management (On Call): This program offers load control of major appliances/household equipment to residential customers in exchange for monthly electric bill credits.

New Construction (BuildSmart): This program encourages the design and construction of energy-efficient homes that cost-effectively reduce coincident peak demand and energy consumption.

FPL's current commercial/industrial DSM programs are as follows:

Business Energy Evaluation: This program encourages energy efficiency in both new and existing commercial and industrial facilities by identifying DSM opportunities and providing recommendations to the customer.

Commercial/Industrial Heating, Ventilating, and Air Conditioning: This program is designed to encourage the use of high-efficiency heating, ventilating, and air conditioning (HVAC) systems in commercial/industrial facilities.

Commercial/Industrial Efficient Lighting: This program encourages the installation of energy-efficient lighting measures in commercial/industrial facilities.

Business Custom Incentive: This program encourages commercial/industrial customers to implement unique energy conservation measures or projects not covered by other FPL programs.

Commercial/Industrial Load Control: This program is designed to reduce peak demand by controlling customer loads of 200 kW or greater during periods of extreme demand or capacity

shortages in exchange for monthly electric bill credits. (This program was closed to new participants in 2000.)

Commercial/Industrial Demand Reduction: This program (which started in 2001) is similar to the Commercial/Industrial Load Control program mentioned above. Its objective is to reduce peak demand by controlling customer loads of 200 kW or greater during periods of extreme demand or capacity shortages. In exchange for giving FPL the right to exercise load control, participants receive monthly electric bill credits.

Commercial/Industrial Building Envelope: This program encourages the installation of energy-efficient building envelope measures such as window treatments and roof/ceiling insulation for commercial/industrial facilities.

Business On Call: This program offers load control of central air conditioning units to both small non-demand-billed and medium demand-billed commercial/industrial customers in exchange for monthly electric bill credits.

FPL's current research and development initiatives are:

Conservation Research and Development Program: FPL's Conservation Research and Development Program is designed to evaluate emerging conservation technologies to determine which are worthy of pursuing for program development and approval. FPL has researched a wide variety of technologies and, from that research, has been able to develop new programs such as Residential New Construction, Commercial/Industrial Building Envelope and Business On Call.

Cool Communities Research Project: Cool Communities is a concept developed by American Forests to demonstrate the extent to which strategic tree planting and surface color lightening can cool ambient air temperature and impact energy consumption. This research project is designed to evaluate emerging conservation technologies and practices associated with residential structures to determine which are worthy of pursuing for program development and approval. The project, which consists of data gathering, statistical regression analysis and economic evaluation, will quantify savings from lightened roof color and tree shading of homes. This project was recently completed and is being evaluated as a potential future DSM offering.

Low Income Weatherization Retrofit Project: This R&D project is investigating cost-effective methods of increasing the energy efficiency of FPL's low - income customers. The research project addresses the needs of low - income housing retrofits by providing monetary incentives to various housing authorities including, weatherization agency providers and non-weatherization agency providers. These incentives are used by the housing authorities to leverage their funds to increase the overall energy efficiency of the homes they are retrofitting. FPL either conducts a home energy survey, trains housing authority employees to perform FPL home energy surveys, accepts the National Energy audit (NEAT) (as supplemented to capture water heating recommendations not included in the NEAT audit), or approves similar FPL-approved audits conducted by weatherization providers to determine the need for energy-efficient retrofit measures for each home. FPL has designed the project so as to minimize extra work for the retrofit housing authorities.

Photovoltaic Research, Development and Education Project: Photovoltaic (PV) roof-tile systems are a relatively new technology which directly replaces existing roofing materials such as shingles and standing-rib roofing with PV materials. These PV materials have the same water -

proofing characteristics as conventional roofing materials. This project is consistent with the Federal Government's Million Solar Roofs initiative. However, based on FPL's research to date, a primary hurdle to the physical installation of PV systems, whether roofing materials or flat plate collectors, is the lack of awareness, understanding and acceptance by local building officials. For the most part, these officials are unclear about how these systems work and how to address these systems as part of the building permitting and inspection process. This creates barriers toward the use of this technology. This project will provide key understanding of the operation, performance, costs, and interconnection related issues of this technology.

Green Energy Project: FPL recently finished an R&D project addressing customer acceptance of green energy, where donations were used as the funding mechanism for the purchase and installation of utility grid connected PV systems. This project raised in excess of \$89,500 and a 10.1 kW (dc) PV system has been constructed at FPL's Martin power plant site.

FPL is now investigating potential customer acceptance of green pricing rates in its Green Energy Project. Under this project, FPL will purchase electric energy generated from new renewable resources including solar-powered technologies, biomass energy, landfill methane, wind energy, low impact hydroelectric energy and/or other renewable resources. Participating customers will be charged higher "green" electric rates for utilizing electric energy derived from these sources. FPL is currently performing an evaluation to determine the availability of renewable supply sources in Florida and customer acceptance of the program concept. As part of this evaluation, in late 2001, FPL developed an RFP in order to determine the type, availability and potential costs of renewable energy. FPL received four bids from this process, and they are currently under evaluation.

Real-Time Pricing: Although not part of FPL's approved DSM Plan, FPL continues to research new conservation/efficiency options such as Real-Time Pricing. This option is an experimental service offering for large C/I customers designed to evaluate customer load response to hourly, marginal cost-based energy prices provided on a day-ahead basis.