

Customer Group Energy Usage Determination

TABLE 1.1

| MWh _{m,g,yr-2} (Electricity delivered to customer group, g, in monthly billing period, m, in the second year prior to auction) | | | | | | | | |
|---|-------------|-----------|--------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------|------------------|
| | Residential | Watt-Hour | Small Load (0 to 100 kW) | Medium Load (100 to 400 kW) | Large Load (400 to 1,000 kW) | Very Large Load (1 to 3 MW) | Dusk to Dawn Lighting | General Lighting |
| Jan | 2,665,417 | 62,007 | 962,465 | 896,041 | 837,397 | 918,514 | 30,438 | 5,590 |
| Feb | 2,404,519 | 59,061 | 914,527 | 876,271 | 828,005 | 916,847 | 28,885 | 5,491 |
| Mar | 2,115,955 | 53,682 | 855,986 | 799,502 | 761,234 | 856,732 | 27,917 | 5,408 |
| Apr | 1,778,237 | 51,710 | 796,404 | 742,332 | 715,548 | 808,963 | 27,301 | 5,299 |
| May | 1,634,609 | 45,816 | 787,457 | 735,824 | 707,526 | 789,555 | 26,718 | 5,293 |
| Jun | 1,717,809 | 46,251 | 840,807 | 772,189 | 745,713 | 831,590 | 26,331 | 5,235 |
| Jul | 2,593,235 | 51,364 | 984,007 | 862,720 | 831,025 | 872,647 | 26,293 | 5,192 |
| Aug | 2,640,374 | 51,680 | 984,021 | 862,693 | 830,502 | 889,255 | 26,554 | 5,212 |
| Sep | 2,706,359 | 53,162 | 1,029,608 | 912,410 | 871,650 | 932,600 | 27,568 | 5,259 |
| Oct | 1,762,849 | 46,017 | 826,410 | 765,211 | 754,356 | 832,865 | 28,009 | 5,309 |
| Nov | 1,823,819 | 48,608 | 819,348 | 762,541 | 729,505 | 811,127 | 28,878 | 5,445 |
| Dec | 2,386,771 | 54,467 | 923,078 | 847,641 | 802,537 | 898,581 | 31,546 | 5,748 |
| Total | 26,229,953 | 623,825 | 10,724,118 | 9,835,375 | 9,414,998 | 10,359,276 | 336,438 | 64,481 |

TABLE 1.2

| MWh _{m,g,yr-1} (Electricity delivered to customer group, g, in the monthly billing period, m, in the year prior to auction) | | | | | | | | |
|--|-------------|-----------|--------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------|------------------|
| | Residential | Watt-Hour | Small Load (0 to 100 kW) | Medium Load (100 to 400 kW) | Large Load (400 to 1,000 kW) | Very Large Load (1 to 3 MW) | Dusk to Dawn Lighting | General Lighting |
| Jan | 2,665,419 | 62,009 | 962,467 | 896,043 | 837,399 | 918,516 | 30,440 | 5,592 |
| Feb | 2,404,521 | 59,063 | 914,529 | 876,273 | 828,007 | 916,849 | 28,887 | 5,493 |
| Mar | 2,115,957 | 53,684 | 855,988 | 799,504 | 761,236 | 856,734 | 27,919 | 5,410 |
| Apr | 1,778,239 | 51,712 | 796,406 | 742,334 | 715,550 | 808,965 | 27,303 | 5,301 |
| May | 1,634,611 | 45,818 | 787,459 | 735,826 | 707,528 | 789,557 | 26,720 | 5,295 |
| Jun | 1,717,811 | 46,253 | 840,809 | 772,191 | 745,715 | 831,592 | 26,333 | 5,237 |
| Jul | 2,593,237 | 51,366 | 984,009 | 862,722 | 831,027 | 872,649 | 26,295 | 5,194 |
| Aug | 2,640,376 | 51,682 | 984,023 | 862,695 | 830,504 | 889,257 | 26,556 | 5,214 |
| Sep | 2,706,361 | 53,164 | 1,029,610 | 912,412 | 871,652 | 932,602 | 27,570 | 5,261 |
| Oct | 1,762,851 | 46,019 | 826,412 | 765,213 | 754,358 | 832,867 | 28,011 | 5,311 |
| Nov | 1,823,821 | 48,610 | 819,350 | 762,543 | 729,507 | 811,129 | 28,880 | 5,447 |
| Dec | 2,386,773 | 54,469 | 923,080 | 847,643 | 802,539 | 898,583 | 31,548 | 5,750 |
| Total | 26,229,977 | 623,849 | 10,724,142 | 9,835,399 | 9,415,022 | 10,359,300 | 336,462 | 64,505 |

Customer Group Energy Usage Determination

TABLE 1.3

| MWh _{m,g} (Average of electricity delivered in prior two years) | | | | | | | | |
|--|-------------|-----------|--------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------|------------------|
| | Residential | Watt-Hour | Small Load (0 to 100 kW) | Medium Load (100 to 400 kW) | Large Load (400 to 1,000 kW) | Very Large Load (1 to 3 MW) | Dusk to Dawn Lighting | General Lighting |
| Jan | 2,665,418 | 62,008 | 962,466 | 896,042 | 837,398 | 918,515 | 30,439 | 5,591 |
| Feb | 2,404,520 | 59,062 | 914,528 | 876,272 | 828,006 | 916,848 | 28,886 | 5,492 |
| Mar | 2,115,956 | 53,683 | 855,987 | 799,503 | 761,235 | 856,733 | 27,918 | 5,409 |
| Apr | 1,778,238 | 51,711 | 796,405 | 742,333 | 715,549 | 808,964 | 27,302 | 5,300 |
| May | 1,634,610 | 45,817 | 787,458 | 735,825 | 707,527 | 789,556 | 26,719 | 5,294 |
| Jun | 1,717,810 | 46,252 | 840,808 | 772,190 | 745,714 | 831,591 | 26,332 | 5,236 |
| Jul | 2,593,236 | 51,365 | 984,008 | 862,721 | 831,026 | 872,648 | 26,294 | 5,193 |
| Aug | 2,640,375 | 51,681 | 984,022 | 862,694 | 830,503 | 889,256 | 26,555 | 5,213 |
| Sep | 2,706,360 | 53,163 | 1,029,609 | 912,411 | 871,651 | 932,601 | 27,569 | 5,260 |
| Oct | 1,762,850 | 46,018 | 826,411 | 765,212 | 754,357 | 832,866 | 28,010 | 5,310 |
| Nov | 1,823,820 | 48,609 | 819,349 | 762,542 | 729,506 | 811,128 | 28,879 | 5,446 |
| Dec | 2,386,772 | 54,468 | 923,079 | 847,642 | 802,538 | 898,582 | 31,547 | 5,749 |
| Total | 26,229,965 | 623,837 | 10,724,130 | 9,835,387 | 9,415,010 | 10,359,288 | 336,450 | 64,493 |

Note: All energy usage data provided is illustrative and intended to demonstrate the translation process.

Customer Group Peak and Off-Peak Energy Percentage

TABLE 2.1

| Peak % _{m,g,yr-2} (Percentage of electricity delivered to the customer group, g, in monthly billing period, m, during Peak Periods in the second year prior to the auction) | | | | | | | | |
|--|-------------|-----------|--------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------|------------------|
| | Residential | Watt-Hour | Small Load (0 to 100 kW) | Medium Load (100 to 400 kW) | Large Load (400 to 1,000 kW) | Very Large Load (1 to 3 MW) | Dusk to Dawn Lighting | General Lighting |
| Jan | 49.34% | 58.81% | 56.26% | 57.98% | 55.91% | 56.99% | 29.92% | 47.31% |
| Feb | 49.20% | 58.92% | 56.47% | 57.46% | 56.63% | 56.75% | 27.47% | 47.62% |
| Mar | 46.70% | 57.05% | 54.13% | 56.64% | 55.17% | 56.64% | 21.19% | 45.16% |
| Apr | 51.33% | 61.86% | 58.50% | 61.17% | 59.66% | 61.76% | 23.43% | 48.89% |
| May | 47.71% | 59.27% | 55.41% | 60.32% | 56.89% | 59.91% | 13.05% | 45.16% |
| Jun | 51.40% | 62.33% | 57.24% | 60.23% | 58.00% | 60.94% | 10.94% | 46.67% |
| Jul | 50.08% | 62.32% | 57.39% | 59.57% | 57.81% | 60.54% | 17.72% | 47.31% |
| Aug | 50.71% | 61.40% | 56.17% | 59.50% | 56.31% | 58.73% | 18.56% | 45.16% |
| Sep | 50.48% | 61.75% | 58.15% | 60.91% | 58.04% | 60.78% | 20.57% | 46.67% |
| Oct | 52.63% | 63.83% | 60.24% | 62.75% | 59.85% | 62.64% | 28.54% | 49.46% |
| Nov | 41.37% | 52.59% | 49.38% | 51.61% | 50.16% | 51.63% | 24.17% | 40.00% |
| Dec | 47.46% | 56.22% | 53.53% | 55.18% | 53.63% | 55.00% | 30.16% | 45.16% |

TABLE 2.2

| Peak % _{m,g,yr-1} (Percentage of electricity delivered to the customer group, g, in monthly billing period, m, during Peak Periods in the year prior to the auction) | | | | | | | | |
|---|-------------|-----------|--------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------|------------------|
| | Residential | Watt-Hour | Small Load (0 to 100 kW) | Medium Load (100 to 400 kW) | Large Load (400 to 1,000 kW) | Very Large Load (1 to 3 MW) | Dusk to Dawn Lighting | General Lighting |
| Jan | 51.34% | 60.81% | 58.26% | 59.98% | 57.91% | 58.99% | 31.92% | 49.31% |
| Feb | 51.20% | 60.92% | 58.47% | 59.46% | 58.63% | 58.75% | 29.47% | 49.62% |
| Mar | 48.70% | 59.05% | 56.13% | 58.64% | 57.17% | 58.64% | 23.19% | 47.16% |
| Apr | 53.33% | 63.86% | 60.50% | 63.17% | 61.66% | 63.76% | 25.43% | 50.89% |
| May | 49.71% | 61.27% | 57.41% | 62.32% | 58.89% | 61.91% | 15.05% | 47.16% |
| Jun | 53.40% | 64.33% | 59.24% | 62.23% | 60.00% | 62.94% | 12.94% | 48.67% |
| Jul | 52.08% | 64.32% | 59.39% | 61.57% | 59.81% | 62.54% | 19.72% | 49.31% |
| Aug | 52.71% | 63.40% | 58.17% | 61.50% | 58.31% | 60.73% | 20.56% | 47.16% |
| Sep | 52.48% | 63.75% | 60.15% | 62.91% | 60.04% | 62.78% | 22.57% | 48.67% |
| Oct | 54.63% | 65.83% | 62.24% | 64.75% | 61.85% | 64.64% | 30.54% | 51.46% |
| Nov | 43.37% | 54.59% | 51.38% | 53.61% | 52.16% | 53.63% | 26.17% | 42.00% |
| Dec | 49.46% | 58.22% | 55.53% | 57.18% | 55.63% | 57.00% | 32.16% | 47.16% |

Customer Group Peak and Off-Peak Energy Percentage

TABLE 2.3

| Peak % _{m,g} (Percentage of electricity delivered to the customer group, g, in monthly billing period, m, during Peak Periods) | | | | | | | | | | |
|---|-------------|-----------|--------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------|------------------|--|--|
| | Residential | Watt-Hour | Small Load (0 to 100 kW) | Medium Load (100 to 400 kW) | Large Load (400 to 1,000 kW) | Very Large Load (1 to 3 MW) | Dusk to Dawn Lighting | General Lighting | | |
| Jan | 50.34% | 59.81% | 57.26% | 58.98% | 56.91% | 57.99% | 30.92% | 48.31% | | |
| Feb | 50.20% | 59.92% | 57.47% | 58.46% | 57.63% | 57.75% | 28.47% | 48.62% | | |
| Mar | 47.70% | 58.05% | 55.13% | 57.64% | 56.17% | 57.64% | 22.19% | 46.16% | | |
| Apr | 52.33% | 62.86% | 59.50% | 62.17% | 60.66% | 62.76% | 24.43% | 49.89% | | |
| May | 48.71% | 60.27% | 56.41% | 61.32% | 57.89% | 60.91% | 14.05% | 46.16% | | |
| Jun | 52.40% | 63.33% | 58.24% | 61.23% | 59.00% | 61.94% | 11.94% | 47.67% | | |
| Jul | 51.08% | 63.32% | 58.39% | 60.57% | 58.81% | 61.54% | 18.72% | 48.31% | | |
| Aug | 51.71% | 62.40% | 57.17% | 60.50% | 57.31% | 59.73% | 19.56% | 46.16% | | |
| Sep | 51.48% | 62.75% | 59.15% | 61.91% | 59.04% | 61.78% | 21.57% | 47.67% | | |
| Oct | 53.63% | 64.83% | 61.24% | 63.75% | 60.85% | 63.64% | 29.54% | 50.46% | | |
| Nov | 42.37% | 53.59% | 50.38% | 52.61% | 51.16% | 52.63% | 25.17% | 41.00% | | |
| Dec | 48.46% | 57.22% | 54.53% | 56.18% | 54.63% | 56.00% | 31.16% | 46.16% | | |

TABLE 2.4

| Off-Peak % _{m,g} (Percentage of electricity delivered to the customer group, g, in monthly billing period, m, during Off-Peak Periods) | | | | | | | | | | |
|---|-------------|-----------|--------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------|------------------|--|--|
| | Residential | Watt-Hour | Small Load (0 to 100 kW) | Medium Load (100 to 400 kW) | Large Load (400 to 1,000 kW) | Very Large Load (1 to 3 MW) | Dusk to Dawn Lighting | General Lighting | | |
| Jan | 49.66% | 40.19% | 42.74% | 41.02% | 43.09% | 42.01% | 69.08% | 51.69% | | |
| Feb | 49.80% | 40.08% | 42.53% | 41.54% | 42.37% | 42.25% | 71.53% | 51.38% | | |
| Mar | 52.30% | 41.95% | 44.87% | 42.36% | 43.83% | 42.36% | 77.81% | 53.84% | | |
| Apr | 47.67% | 37.14% | 40.50% | 37.83% | 39.34% | 37.24% | 75.57% | 50.11% | | |
| May | 51.29% | 39.73% | 43.59% | 38.68% | 42.11% | 39.09% | 85.95% | 53.84% | | |
| Jun | 47.60% | 36.67% | 41.76% | 38.77% | 41.00% | 38.06% | 88.06% | 52.33% | | |
| Jul | 48.92% | 36.68% | 41.61% | 39.43% | 41.19% | 38.46% | 81.28% | 51.69% | | |
| Aug | 48.29% | 37.60% | 42.83% | 39.50% | 42.69% | 40.27% | 80.44% | 53.84% | | |
| Sep | 48.52% | 37.25% | 40.85% | 38.09% | 40.96% | 38.22% | 78.43% | 52.33% | | |
| Oct | 46.37% | 35.17% | 38.76% | 36.25% | 39.15% | 36.36% | 70.46% | 49.54% | | |
| Nov | 57.63% | 46.41% | 49.62% | 47.39% | 48.84% | 47.37% | 74.83% | 59.00% | | |
| Dec | 51.54% | 42.78% | 45.47% | 43.82% | 45.37% | 44.00% | 68.84% | 53.84% | | |

Note: All peak and off-peak usage data provided is illustrative and intended to demonstrate the translation process.

Customer Group Generation Capacity Obligation

TABLE 3.1

| | Residential | Watt-Hour | Small Load (0 to 100 kW) | Medium Load (100 to 400 kW) | Large Load (400 to 1,000 kW) | Very Large Load (1 to 3 MW) | Dusk to Dawn Lighting | General Lighting |
|--|-------------|-----------|--------------------------------|-----------------------------------|------------------------------------|-----------------------------------|-----------------------------|---------------------|
| GO _g , (Generation Capacity Obligation for customer group, g in MW) | 10,257 | 225 | 3,325 | 2,986 | 2,345 | 2,311 | 0 | 25 |

Note: All capacity obligation data provided is illustrative and intended to demonstrate the translation process.

Customer Group Expansion Factor

TABLE 4.1

| Distribution Loss Factor for customer group, g | | | | | | | |
|--|-----------|--------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------|------------------|
| Residential | Watt-Hour | Small Load (0 to 100 kW) | Medium Load (100 to 400 kW) | Large Load (400 to 1,000 kW) | Very Large Load (1 to 3 MW) | Dusk to Dawn Lighting | General Lighting |
| DLF _g = | | | | | | | |
| 7.46% | 7.49% | 7.21% | 6.28% | 5.97% | 4.72% | 9.33% | 5.73% |

TABLE 4.2

| Transmission Loss Factor | | | | | | | |
|--------------------------|-----------|--------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------|------------------|
| Residential | Watt-Hour | Small Load (0 to 100 kW) | Medium Load (100 to 400 kW) | Large Load (400 to 1,000 kW) | Very Large Load (1 to 3 MW) | Dusk to Dawn Lighting | General Lighting |
| TLF = | | | | | | | |
| 1.60% | 1.60% | 1.60% | 1.60% | 1.60% | 1.60% | 1.60% | 1.60% |

TABLE 4.3

| Expansion Factor for customer group, g [(1 + DLF _g) * (1 + TLF)] | | | | | | | |
|--|-----------|--------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------|------------------|
| Residential | Watt-Hour | Small Load (0 to 100 kW) | Medium Load (100 to 400 kW) | Large Load (400 to 1,000 kW) | Very Large Load (1 to 3 MW) | Dusk to Dawn Lighting | General Lighting |
| Exp _g = | | | | | | | |
| 1.0918 | 1.0921 | 1.0893 | 1.0798 | 1.0767 | 1.0640 | 1.1108 | 1.0742 |

Note: All loss data provided is illustrative and intended to demonstrate the translation process.

Customer Group Migration Risk Factor

TABLE 5.1

| | MR _g (Migration Risk Factor for customer group, g in \$/MWh) | MR _g * Exp _g |
|------------------------------|---|------------------------------------|
| Residential | \$0.00 | \$0.00 |
| Watt-Hour | \$0.05 | \$0.05 |
| Small Load (0 to 100 kW) | \$0.48 | \$0.52 |
| Medium Load (100 to 400 kW) | \$1.51 | \$1.63 |
| Large Load (400 to 1,000 kW) | \$3.48 | \$3.75 |
| Dusk to Dawn Lighting | \$0.00 | \$0.00 |
| General Lighting | \$0.00 | \$0.00 |

Note: Calculation of Migration Risk Factor is provided in ComEd
Exhibit 7.6.

Market Energy Cost**TABLE 6.1**

| | PE _{mo} (Peak Energy Market Forward for Northern Illinois Hub in \$/MWh) | OE _{mo} (Off-Peak Energy Market Forward for Northern Illinois Hub in \$/MWh) |
|-----|---|--|
| Jan | \$55.83 | \$26.19 |
| Feb | \$53.48 | \$24.88 |
| Mar | \$45.93 | \$23.87 |
| Apr | \$45.11 | \$26.43 |
| May | \$44.04 | \$23.89 |
| Jun | \$49.07 | \$22.89 |
| Jul | \$58.26 | \$24.95 |
| Aug | \$52.41 | \$21.12 |
| Sep | \$42.14 | \$16.40 |
| Oct | \$42.31 | \$18.73 |
| Nov | \$40.78 | \$18.13 |
| Dec | \$39.59 | \$21.98 |

Note: All forward contract data provided is illustrative and intended to demonstrate the translation process.

TABLE 7.1 *Market Generation Capacity Costs*

| | | |
|---|----------------|-----------|
| GCAV _s (Summer Generation Capacity Auction Value, in \$/MW-summer day) | \$10.74 | a |
| Number of summer days | 122 | b |
| GCC_s (Summer Generation Capacity Cost, in \$/MW) | \$1,310 | c = a * b |
| GCAV _a (Annual Generation Capacity Auction Value, in \$/MW-day) | \$10.74 | d |
| Number of days in year | 365 | e |
| GCC _a (Annual Generation Capacity Cost, in \$/MW) | \$3,920 | f = d * e |
| GCC_n (Nonsummer Generation Capacity Cost, in \$/MW) | \$2,610 | g = f - c |

Note: All generation capacity auction value data provided is illustrative and intended to demonstrate the translation process.

TABLE 8.1 *Market Ancillary Service Costs*

| | | |
|--|-----------|----------------------|
| PJM Admin Fee | \$ | 17,250,476.21 |
| TO Scheduling, Sys Control & Dispatch (Sch 1A) | \$ | 12,336,005.41 |
| Sched 2 - Reactive Support & Voltage Control | \$ | 8,642,689.36 |
| Sched 3 - Regulation & Freq Response | \$ | 26,542,221.32 |
| Sched 4 - Energy Imbalance | \$ | (6.23) |
| Sched 5 - Operating Reserves - Spinning | \$ | 6,541,268.47 |
| Sched 6 - Operating Reserves - Supplemental | \$ | 18,450,347.58 |
| Sched 6A - Black Start | \$ | 1,935,579.17 |
| Total of Listed Ancillary Services | \$ | 91,698,581.29 |

a

PPA w/o IMEA (MWh) 58,122,395

b

Ancillary Services Cost (\$/MWh) \$1.58

c = a / b

| |
|---|
| Note: Data provided is illustrative and based on ComEd's PPA loads rather than total load of ComEd Zone as called for in Rider CPP - Competitive Procurement Process. |
|---|

TABLE 9.1 *Market Energy Supply Cost (CPP Auction - Blended Segment)*

| (All in \$/MWh) | SPMESC _g | SOMESC _g | SMESC _g | NPMESC _g | NOMESC _g | NMESC _g |
|------------------------------|---------------------|---------------------|--------------------|---------------------|---------------------|--------------------|
| Residential | \$55.13 | \$23.08 | \$39.62 | \$50.87 | \$25.27 | \$37.87 |
| Watt-Hour | \$55.09 | \$23.19 | \$43.27 | \$50.66 | \$25.27 | \$40.38 |
| Small Load (0 to 100 kW) | \$54.88 | \$23.14 | \$41.63 | \$50.32 | \$25.06 | \$39.33 |
| Medium Load (100 to 400 kW) | \$54.35 | \$22.96 | \$42.13 | \$49.89 | \$24.85 | \$39.58 |
| Large Load (400 to 1,000 kW) | \$54.24 | \$22.87 | \$41.24 | \$49.71 | \$24.75 | \$38.97 |
| Dusk to Dawn Lighting | \$55.74 | \$23.72 | \$29.49 | \$51.26 | \$25.58 | \$32.24 |
| General Lighting | \$54.20 | \$22.90 | \$37.75 | \$49.45 | \$24.64 | \$36.32 |

TABLE 9.2 *Market Energy Supply Cost (CPP Auction - Annual Segment)*

| (All in \$/MWh) | SPMESC _g | SOMESC _g | SMESC _g | NPMESC _g | NOMESC _g | NMESC _g |
|-----------------------------|---------------------|---------------------|--------------------|---------------------|---------------------|--------------------|
| Very Large Load (1 to 3 MW) | \$53.55 | \$22.60 | \$41.55 | \$49.04 | \$24.48 | \$38.87 |

Note: All values shown in calculations are illustrative and intended to demonstrate the translation process.

TABLE 10.1 *Market Generation Capacity Cost (CPP Auction - Blended Segment)*

| (All in \$/MWh) | SMGCC _g | NMGCC _g |
|------------------------------|--------------------|--------------------|
| Residential | \$1.39 | \$1.62 |
| Watt-Hour | \$1.46 | \$1.39 |
| Small Load (0 to 100 kW) | \$1.13 | \$1.26 |
| Medium Load (100 to 400 kW) | \$1.15 | \$1.21 |
| Large Load (400 to 1,000 kW) | \$0.94 | \$1.00 |
| Dusk to Dawn Lighting | \$0.00 | \$0.00 |
| General Lighting | \$1.57 | \$1.50 |

TABLE 10.2 *Market Generation Capacity Cost (CPP Auction - Annual Segment)*

| (All in \$/MWh) | SMGCC _g | NMGCC _g |
|-----------------------------|--------------------|--------------------|
| Very Large Load (1 to 3 MW) | \$0.86 | \$0.88 |

Note: All values shown in calculations are illustrative and intended to demonstrate the translation process.

TABLE 11.1

Overall Supply Cost Computations (CPP Auction - Blended Segment)

| (All in \$/MWh) | SPMSC _g | SOMSC _g | SMSC _g | NPMSC _g | NOMSC _g | NMSC _g |
|------------------------------|--------------------|--------------------|-------------------|--------------------|--------------------|-------------------|
| Residential | \$58.25 | \$26.20 | \$42.74 | \$54.22 | \$28.62 | \$41.22 |
| Watt-Hour | \$58.33 | \$26.43 | \$46.51 | \$53.83 | \$28.44 | \$43.55 |
| Small Load (0 to 100 kW) | \$58.25 | \$26.51 | \$45.00 | \$53.82 | \$28.56 | \$42.83 |
| Medium Load (100 to 400 kW) | \$58.84 | \$27.45 | \$46.62 | \$54.44 | \$29.40 | \$44.13 |
| Large Load (400 to 1,000 kW) | \$60.63 | \$29.26 | \$47.63 | \$56.16 | \$31.20 | \$45.42 |
| Dusk to Dawn Lighting | \$57.50 | \$25.48 | \$31.25 | \$53.02 | \$27.34 | \$34.00 |
| General Lighting | \$57.47 | \$26.17 | \$41.02 | \$52.65 | \$27.84 | \$39.52 |

TABLE 11.2

Overall Supply Cost Computations (CPP Auction - Annual Segment)

| (All in \$/MWh) | SPMSC _g | SOMSC _g | SMSC _g | NPMSC _g | NOMSC _g | NMSC _g |
|-----------------------------|--------------------|--------------------|-------------------|--------------------|--------------------|-------------------|
| Very Large Load (1 to 3 MW) | \$56.09 | \$25.14 | \$44.09 | \$51.60 | \$27.04 | \$41.43 |

Note: All values shown in calculations are illustrative and intended to demonstrate the translation process.

Segment Supply Cost Computation (CPP Auction - Blended Segment)

TABLE 12.1

| | SMSC _g | $\sum_{sm} MWh_{m,g}$ | SMSC _g * \sum_{nm} MWh _{m,g} | NMSC _g | $\sum_{nm} MWh_{m,g}$ | NMSC _g * \sum_{nm} MWh _{m,g} | Exp _g | Exp _g * \sum_{m} MWh _{m,g} |
|------------------------------|-------------------|-----------------------|---|-------------------|-----------------------|---|------------------|---|
| Residential | \$42.74 | 9,657,781 | \$412,773,560 | \$41.22 | 16,572,184 | \$683,105,424 | 1.0918 | 28,637,876 |
| Watt-Hour | \$46.51 | 202,461 | \$9,416,461 | \$43.55 | 421,376 | \$18,350,925 | 1.0921 | 681,292 |
| Small Load (0 to 100 kW) | \$45.00 | 3,838,447 | \$172,730,115 | \$42.83 | 6,885,683 | \$294,913,803 | 1.0893 | 11,681,795 |
| Medium Load (100 to 400 kW) | \$46.62 | 3,410,016 | \$158,974,946 | \$44.13 | 6,425,371 | \$283,551,622 | 1.0798 | 10,620,251 |
| Large Load (400 to 1,000 kW) | \$47.63 | 3,278,894 | \$156,173,721 | \$45.42 | 6,136,116 | \$278,702,389 | 1.0767 | 10,137,141 |
| Dusk to Dawn Lighting | \$31.25 | 106,750 | \$3,335,938 | \$34.00 | 229,700 | \$7,809,800 | 1.1108 | 373,729 |
| General Lighting | \$41.02 | 20,902 | \$857,400 | \$39.52 | 43,591 | \$1,722,716 | 1.0742 | 69,278 |
| Total All Classes | | 20,515,251 | \$914,262,141 | | 36,714,021 | \$1,568,156,679 | | 62,201,362 |

$$MSC_{\text{Blended}} (\$/MWh) = \$39.91$$

$$SPR (\text{Summer Payment Ratio} - \text{Blended}) = 1.0273$$

$$NPR (\text{Nonsummer Payment Ratio} - \text{Blended}) = 0.9847$$

TABLE 12.2

Segment Supply Cost Computation (CPP Auction - Annual Segment)

| | SMSC _g | $\sum_{sm} MWh_{m,g}$ | SMSC _g * \sum_{nm} MWh _{m,g} | NMSC _g | $\sum_{nm} MWh_{m,g}$ | NMSC _g * \sum_{nm} MWh _{m,g} | Exp _g | Exp _g * \sum_{m} MWh _{m,g} |
|-----------------------------|-------------------|-----------------------|---|-------------------|-----------------------|---|------------------|---|
| Very Large Load (1 to 3 MW) | \$44.09 | 3,526,096 | \$155,465,573 | \$41.43 | 6,833,192 | \$283,099,145 | 1.0640 | 11,022,282 |

$$MSC_{\text{Annual}} (\$/MWh) = \$39.79$$

$$SPR (\text{Summer Payment Ratio} - \text{Annual}) = 1.0414$$

$$NPR (\text{Nonsummer Payment Ratio} - \text{Annual}) = 0.9786$$

Note: All values shown in calculations are illustrative and intended to demonstrate the translation process.

TABLE 13.1 *Supply Charge Computation (CPP Auction - Blended Segment)*

| (All in cents/kWh) | SPSC _g | SOSC _g | SSC _g | NPSC _g | NOSC _g | NSC _g |
|------------------------------|-------------------|-------------------|------------------|-------------------|-------------------|------------------|
| Residential | | | 5.194 | | | 5.009 |
| Watt-Hour | | | 5.652 | | | 5.292 |
| Small Load (0 to 100 kW) | | | 5.469 | | | 5.205 |
| Medium Load (100 to 400 kW) | | | 5.665 | | | 5.363 |
| Large Load (400 to 1,000 kW) | 7.368 | 3.556 | 5.788 | 6.825 | 3.792 | 5.520 |
| Dusk to Dawn Lighting | | | 3.798 | | | 4.132 |
| General Lighting | | | 4.985 | | | 4.803 |

MV_B (\$/MWh)= \$48.50

TABLE 13.2 *Supply Charge Computation (CPP Auction - Annual Segment)*

| (All in cents/kWh) | SPSC _g | SOSC _g | SSC _g | NPSC _g | NOSC _g | NSC _g |
|-----------------------------|-------------------|-------------------|------------------|-------------------|-------------------|------------------|
| Very Large Load (1 to 3 MW) | 6.837 | 3.064 | 5.374 | 6.290 | 3.296 | 5.050 |

MV_A (\$/MWh)= \$48.50

Note: All values shown in calculations are illustrative and intended to demonstrate the translation process.