

Schedule of Estimated Avoided Cost

Consistent with WAC 480-107-055, this schedule of estimated avoided costs is intended to provide only general information to potential bidders about the cost of new power supplies. It does not provide a guaranteed contract price for electricity.

As provided for in WAC 480-107-055 (2) this schedule of estimated avoided costs is based upon estimates of current projected market prices for power, which are being developed for PSE's integrated resource plan. The schedule below provides the nominal price forecast on a monthly basis for flat load. These forecasts are based on assumptions about natural gas prices, regional demand, new resource cost and development, that will be used in developing PSE's 2009 Integrated Resource Plan (IRP). The IRP will be filed with the WUTC in May of 2009. Estimated market prices are derived using the AURORA model and do not include system integration, shaping, or transmission costs. This schedule includes data for the scenarios (in alphabetical order): Business As Usual, Current Trends, Green World, High Growth, and Low Growth.

| Business as Usual | | | | | | | | | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|
| \$/MWh | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Avg. Mo. Price |
| 2009 | 78.12 | 83.13 | 73.24 | 58.96 | 53.44 | 53.80 | 64.08 | 67.21 | 67.37 | 62.80 | 72.35 | 69.64 | 67.01 |
| 2010 | 68.96 | 73.65 | 65.84 | 54.12 | 49.43 | 51.28 | 59.76 | 62.52 | 61.47 | 59.49 | 68.54 | 66.94 | 61.83 |
| 2011 | 66.82 | 69.87 | 62.13 | 52.68 | 49.54 | 51.41 | 60.16 | 63.00 | 61.79 | 59.78 | 67.24 | 65.82 | 60.85 |
| 2012 | 66.53 | 68.93 | 61.84 | 53.76 | 51.70 | 52.12 | 61.76 | 63.86 | 61.76 | 60.83 | 67.97 | 65.96 | 61.42 |
| 2013 | 67.82 | 70.90 | 63.72 | 55.39 | 52.58 | 52.47 | 63.23 | 66.01 | 64.44 | 62.52 | 68.65 | 69.40 | 63.09 |
| 2014 | 63.62 | 65.32 | 57.73 | 56.34 | 48.85 | 47.06 | 57.03 | 62.03 | 56.59 | 57.89 | 61.44 | 67.03 | 58.41 |
| 2015 | 64.65 | 65.70 | 58.44 | 57.70 | 49.94 | 48.97 | 57.95 | 63.31 | 57.68 | 59.04 | 63.42 | 69.45 | 59.69 |
| 2016 | 66.36 | 68.43 | 59.85 | 57.71 | 49.18 | 48.04 | 56.85 | 63.57 | 57.92 | 58.50 | 66.23 | 72.98 | 60.47 |
| 2017 | 70.49 | 71.57 | 62.43 | 59.27 | 51.18 | 49.79 | 59.04 | 65.70 | 59.61 | 61.15 | 68.15 | 74.54 | 62.74 |
| 2018 | 72.08 | 73.20 | 65.38 | 62.05 | 53.73 | 51.40 | 60.66 | 68.23 | 62.80 | 63.25 | 69.02 | 75.73 | 64.79 |
| 2019 | 73.38 | 74.42 | 66.16 | 63.88 | 55.84 | 53.46 | 62.67 | 70.09 | 65.19 | 65.06 | 70.72 | 77.10 | 66.50 |
| 2020 | 73.90 | 74.63 | 66.19 | 63.89 | 55.07 | 53.54 | 62.61 | 69.63 | 65.50 | 64.78 | 71.99 | 78.44 | 66.68 |
| 2021 | 76.45 | 77.76 | 68.97 | 66.21 | 57.04 | 55.72 | 64.38 | 71.76 | 67.15 | 66.84 | 74.51 | 80.55 | 68.95 |
| 2022 | 78.72 | 79.72 | 70.97 | 67.77 | 59.89 | 58.56 | 66.76 | 74.34 | 69.54 | 69.85 | 76.45 | 81.25 | 71.15 |
| 2023 | 79.94 | 80.26 | 71.41 | 68.70 | 61.89 | 60.23 | 68.66 | 76.67 | 71.17 | 72.06 | 78.00 | 81.97 | 72.58 |
| 2024 | 84.89 | 85.64 | 76.83 | 70.36 | 63.47 | 60.83 | 69.75 | 77.43 | 72.17 | 72.60 | 82.09 | 87.14 | 75.27 |
| 2025 | 85.72 | 86.11 | 77.37 | 71.13 | 63.69 | 61.43 | 70.04 | 77.38 | 72.67 | 73.29 | 82.21 | 86.67 | 75.64 |
| 2026 | 85.93 | 85.83 | 77.33 | 72.37 | 65.44 | 63.77 | 71.81 | 78.63 | 74.69 | 75.37 | 83.51 | 86.93 | 76.80 |
| 2027 | 86.75 | 87.16 | 79.34 | 74.07 | 67.26 | 65.67 | 72.91 | 79.89 | 75.88 | 76.88 | 86.12 | 89.28 | 78.43 |
| 2028 | 89.15 | 89.51 | 81.87 | 75.76 | 69.89 | 68.14 | 75.12 | 82.11 | 77.72 | 79.73 | 88.50 | 91.06 | 80.71 |
| 2029 | 91.26 | 91.81 | 85.08 | 78.75 | 71.73 | 68.98 | 76.76 | 83.78 | 79.26 | 81.13 | 89.21 | 92.98 | 82.56 |
| Current Trends | | | | | | | | | | | | | |
| \$/MWh | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Avg. Mo. Price |
| 2009 | 77.90 | 83.10 | 72.65 | 58.66 | 53.25 | 53.63 | 64.10 | 66.93 | 66.92 | 62.89 | 72.17 | 69.18 | 66.78 |
| 2010 | 69.19 | 73.22 | 65.48 | 54.78 | 49.40 | 51.20 | 59.72 | 62.54 | 61.60 | 59.56 | 68.19 | 67.10 | 61.83 |
| 2011 | 66.28 | 69.85 | 62.48 | 52.48 | 49.81 | 51.84 | 60.74 | 63.25 | 62.32 | 59.99 | 67.67 | 66.05 | 61.06 |
| 2012 | 82.31 | 85.90 | 81.17 | 73.01 | 71.86 | 72.40 | 78.34 | 80.24 | 79.84 | 79.48 | 84.57 | 81.09 | 79.18 |
| 2013 | 84.60 | 88.53 | 84.11 | 76.36 | 74.05 | 75.02 | 81.26 | 83.48 | 83.19 | 81.97 | 86.53 | 85.06 | 82.01 |
| 2014 | 82.76 | 84.93 | 80.16 | 78.92 | 71.68 | 70.83 | 76.57 | 81.42 | 76.83 | 78.53 | 80.95 | 84.92 | 79.04 |
| 2015 | 85.98 | 87.81 | 83.13 | 81.74 | 75.75 | 75.79 | 80.59 | 84.84 | 80.22 | 81.82 | 84.50 | 89.25 | 82.62 |
| 2016 | 89.15 | 92.04 | 87.27 | 84.03 | 76.91 | 77.05 | 82.10 | 86.75 | 81.91 | 83.65 | 88.79 | 94.51 | 85.35 |
| 2017 | 95.70 | 97.68 | 92.86 | 89.07 | 81.44 | 81.08 | 86.88 | 90.87 | 85.58 | 87.92 | 92.99 | 98.54 | 90.05 |
| 2018 | 98.98 | 101.48 | 97.23 | 93.32 | 86.25 | 85.87 | 90.95 | 95.35 | 90.49 | 91.36 | 95.83 | 100.97 | 94.01 |
| 2019 | 101.74 | 104.10 | 100.13 | 97.32 | 91.08 | 90.24 | 94.98 | 98.82 | 94.95 | 95.14 | 99.15 | 104.37 | 97.67 |
| 2020 | 105.28 | 106.87 | 103.30 | 100.36 | 94.00 | 93.82 | 98.17 | 102.25 | 98.79 | 99.02 | 103.16 | 107.77 | 101.07 |
| 2021 | 109.97 | 111.54 | 108.38 | 105.21 | 97.61 | 97.55 | 101.40 | 106.42 | 102.78 | 103.39 | 107.94 | 111.74 | 105.33 |
| 2022 | 115.21 | 116.84 | 113.71 | 109.71 | 102.20 | 102.16 | 105.81 | 111.59 | 107.36 | 108.31 | 112.47 | 116.28 | 110.14 |
| 2023 | 119.42 | 120.49 | 116.82 | 113.24 | 106.70 | 106.64 | 110.31 | 116.29 | 111.91 | 113.10 | 117.14 | 120.35 | 114.37 |
| 2024 | 127.45 | 129.24 | 125.77 | 116.83 | 109.56 | 109.25 | 113.77 | 119.77 | 115.96 | 116.46 | 124.65 | 127.98 | 119.72 |
| 2025 | 130.42 | 132.82 | 128.43 | 120.26 | 113.18 | 112.49 | 117.76 | 123.04 | 120.53 | 121.07 | 127.50 | 130.62 | 123.18 |
| 2026 | 134.52 | 134.88 | 131.48 | 125.05 | 117.99 | 116.75 | 121.40 | 128.08 | 125.97 | 126.57 | 132.64 | 134.43 | 127.48 |
| 2027 | 139.32 | 140.92 | 137.21 | 129.95 | 123.00 | 121.64 | 126.53 | 132.87 | 131.36 | 132.13 | 140.39 | 140.43 | 132.98 |
| 2028 | 146.61 | 148.05 | 142.66 | 135.56 | 128.55 | 127.53 | 132.68 | 138.74 | 136.92 | 138.13 | 147.84 | 146.95 | 139.18 |
| 2029 | 153.46 | 154.67 | 149.20 | 141.82 | 133.09 | 131.09 | 137.93 | 144.26 | 142.81 | 142.55 | 152.90 | 154.25 | 144.84 |

| Green World | | | | | | | | | | | | | |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|
| \$/MWh | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Avg. Mo. Price |
| 2009 | 82.79 | 87.01 | 78.78 | 74.86 | 64.45 | 62.32 | 77.18 | 77.60 | 69.04 | 69.24 | 85.40 | 83.42 | 76.01 |
| 2010 | 81.41 | 84.31 | 78.38 | 69.66 | 61.89 | 60.23 | 73.92 | 78.83 | 77.75 | 72.22 | 88.28 | 89.54 | 76.37 |
| 2011 | 84.40 | 85.26 | 76.03 | 68.66 | 60.86 | 59.82 | 72.31 | 79.76 | 73.19 | 68.29 | 82.51 | 85.21 | 74.69 |
| 2012 | 105.87 | 109.53 | 104.54 | 97.41 | 91.27 | 89.66 | 97.53 | 102.52 | 97.46 | 96.16 | 104.19 | 104.14 | 100.02 |
| 2013 | 107.86 | 110.55 | 105.88 | 101.05 | 94.81 | 93.97 | 100.76 | 106.23 | 100.77 | 100.15 | 103.49 | 105.28 | 102.57 |
| 2014 | 114.39 | 118.26 | 114.15 | 111.28 | 105.40 | 104.80 | 111.08 | 115.93 | 109.99 | 110.24 | 113.48 | 116.22 | 112.10 |
| 2015 | 120.43 | 123.84 | 119.34 | 116.58 | 110.37 | 111.31 | 117.74 | 121.45 | 115.10 | 115.49 | 119.40 | 122.96 | 117.83 |
| 2016 | 128.35 | 133.77 | 128.88 | 124.21 | 116.53 | 117.55 | 124.82 | 128.92 | 122.48 | 122.59 | 128.68 | 132.43 | 125.77 |
| 2017 | 136.93 | 141.48 | 136.43 | 130.22 | 123.37 | 123.73 | 130.67 | 135.66 | 129.24 | 129.69 | 135.69 | 138.74 | 132.66 |
| 2018 | 148.21 | 151.41 | 147.72 | 141.23 | 134.10 | 133.01 | 140.00 | 146.53 | 141.91 | 140.32 | 147.03 | 150.00 | 143.45 |
| 2019 | 153.34 | 156.54 | 153.19 | 146.22 | 138.45 | 138.10 | 145.42 | 151.87 | 148.14 | 145.75 | 152.90 | 155.38 | 148.78 |
| 2020 | 152.37 | 156.07 | 153.22 | 145.51 | 137.49 | 136.82 | 146.22 | 152.57 | 148.45 | 146.37 | 153.49 | 156.49 | 148.76 |
| 2021 | 157.61 | 161.19 | 157.58 | 149.12 | 140.40 | 141.15 | 149.35 | 156.78 | 151.70 | 150.02 | 158.24 | 160.37 | 152.79 |
| 2022 | 161.91 | 165.54 | 161.76 | 152.67 | 146.23 | 145.85 | 154.14 | 161.72 | 155.89 | 154.92 | 162.17 | 163.60 | 157.20 |
| 2023 | 164.98 | 168.50 | 165.23 | 156.58 | 149.64 | 150.82 | 158.29 | 165.72 | 159.77 | 158.57 | 166.21 | 166.93 | 160.94 |
| 2024 | 169.43 | 174.25 | 169.23 | 156.92 | 149.56 | 148.84 | 159.04 | 166.48 | 159.96 | 157.55 | 169.13 | 170.82 | 162.60 |
| 2025 | 171.95 | 176.41 | 171.41 | 159.09 | 151.33 | 149.52 | 160.89 | 167.82 | 162.26 | 160.24 | 171.83 | 172.86 | 164.63 |
| 2026 | 175.54 | 178.35 | 173.97 | 161.68 | 153.79 | 153.27 | 163.56 | 170.09 | 165.93 | 163.52 | 175.56 | 176.08 | 167.61 |
| 2027 | 173.28 | 177.66 | 172.65 | 161.34 | 154.18 | 154.05 | 163.03 | 170.19 | 165.06 | 163.92 | 175.10 | 175.68 | 167.18 |
| 2028 | 178.20 | 182.14 | 177.45 | 164.36 | 158.15 | 158.76 | 167.50 | 174.59 | 168.05 | 168.27 | 179.94 | 179.92 | 171.44 |
| 2029 | 182.76 | 187.23 | 182.02 | 169.34 | 160.82 | 160.56 | 171.02 | 177.82 | 172.28 | 170.84 | 183.26 | 183.79 | 175.14 |

| High Growth | | | | | | | | | | | | | |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|
| \$/MWh | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Avg. Mo. Price |
| 2009 | 83.51 | 88.01 | 79.95 | 75.88 | 65.84 | 63.15 | 78.00 | 78.43 | 69.62 | 70.07 | 86.30 | 84.21 | 76.91 |
| 2010 | 83.23 | 85.64 | 79.77 | 71.10 | 63.79 | 61.25 | 75.26 | 79.96 | 78.73 | 74.06 | 89.33 | 90.87 | 77.75 |
| 2011 | 88.07 | 88.51 | 79.14 | 71.95 | 63.64 | 61.00 | 74.57 | 81.65 | 75.64 | 71.55 | 84.91 | 88.20 | 77.40 |
| 2012 | 100.42 | 102.98 | 96.40 | 89.48 | 83.03 | 80.81 | 90.70 | 95.70 | 89.20 | 88.09 | 96.61 | 97.35 | 92.57 |
| 2013 | 95.28 | 96.85 | 90.98 | 86.97 | 81.18 | 79.36 | 88.08 | 94.40 | 87.92 | 87.42 | 90.82 | 92.40 | 89.30 |
| 2014 | 94.18 | 97.27 | 91.98 | 89.17 | 84.00 | 82.52 | 91.81 | 97.78 | 90.93 | 90.75 | 94.47 | 97.31 | 91.85 |
| 2015 | 97.15 | 100.37 | 95.44 | 93.17 | 87.40 | 86.60 | 95.51 | 100.97 | 94.01 | 94.00 | 98.20 | 101.92 | 95.39 |
| 2016 | 101.17 | 104.95 | 99.94 | 95.41 | 89.38 | 88.45 | 97.44 | 103.47 | 95.81 | 96.19 | 102.62 | 107.15 | 98.50 |
| 2017 | 107.18 | 110.39 | 104.98 | 99.61 | 93.69 | 92.70 | 101.40 | 107.76 | 99.50 | 100.54 | 106.92 | 110.75 | 102.95 |
| 2018 | 111.59 | 114.62 | 110.43 | 104.67 | 98.79 | 96.95 | 105.85 | 112.74 | 105.00 | 104.64 | 110.51 | 114.58 | 107.53 |
| 2019 | 115.27 | 118.50 | 114.79 | 109.39 | 103.51 | 102.03 | 110.50 | 117.13 | 110.08 | 108.79 | 114.96 | 118.63 | 111.96 |
| 2020 | 119.04 | 121.93 | 118.06 | 112.66 | 106.66 | 105.94 | 114.24 | 120.40 | 113.48 | 112.53 | 118.93 | 123.06 | 115.58 |
| 2021 | 124.47 | 128.22 | 123.61 | 116.92 | 111.19 | 110.68 | 118.55 | 125.10 | 117.67 | 117.05 | 124.77 | 127.95 | 120.52 |
| 2022 | 129.81 | 133.18 | 128.70 | 121.77 | 117.19 | 116.75 | 124.17 | 130.35 | 123.13 | 122.56 | 129.90 | 132.15 | 125.81 |
| 2023 | 135.92 | 138.09 | 133.23 | 126.84 | 123.43 | 122.71 | 130.67 | 136.81 | 129.11 | 128.59 | 135.85 | 137.56 | 131.57 |
| 2024 | 144.12 | 147.84 | 143.52 | 133.42 | 129.21 | 128.14 | 136.39 | 141.88 | 134.20 | 132.70 | 143.83 | 146.26 | 138.46 |
| 2025 | 148.96 | 151.85 | 147.14 | 137.86 | 133.48 | 131.62 | 140.54 | 145.68 | 138.26 | 137.20 | 146.78 | 150.25 | 142.47 |
| 2026 | 154.08 | 156.20 | 152.01 | 143.18 | 137.62 | 137.25 | 145.19 | 151.21 | 143.59 | 142.89 | 152.81 | 154.61 | 147.55 |
| 2027 | 160.11 | 162.94 | 159.54 | 149.36 | 143.40 | 143.18 | 150.65 | 157.33 | 149.96 | 149.34 | 160.17 | 162.29 | 154.02 |
| 2028 | 167.04 | 170.99 | 166.56 | 154.88 | 150.06 | 150.09 | 157.32 | 163.36 | 155.98 | 155.66 | 168.23 | 168.93 | 160.76 |
| 2029 | 174.28 | 179.83 | 174.64 | 162.32 | 156.16 | 155.16 | 163.09 | 169.92 | 163.70 | 162.56 | 174.07 | 176.35 | 167.67 |

| Low Growth | | | | | | | | | | | | | |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| \$/MWh | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Avg. Mo. Price |
| 2009 | 58.20 | 61.03 | 54.39 | 48.36 | 37.25 | 36.69 | 42.10 | 41.92 | 39.27 | 44.86 | 57.16 | 58.76 | 48.33 |
| 2010 | 58.91 | 59.92 | 55.52 | 47.33 | 37.19 | 36.43 | 41.21 | 44.20 | 47.42 | 47.07 | 57.81 | 61.85 | 49.57 |
| 2011 | 60.39 | 60.32 | 53.02 | 47.04 | 36.33 | 35.69 | 39.96 | 44.61 | 43.28 | 44.13 | 52.45 | 57.97 | 47.93 |
| 2012 | 58.41 | 58.55 | 51.55 | 46.16 | 36.30 | 35.08 | 39.05 | 42.73 | 41.53 | 43.54 | 49.62 | 54.36 | 46.41 |
| 2013 | 54.35 | 52.91 | 46.28 | 44.68 | 36.08 | 34.62 | 39.54 | 43.98 | 41.75 | 43.83 | 45.81 | 50.89 | 44.56 |
| 2014 | 51.05 | 51.76 | 44.86 | 45.14 | 36.63 | 35.65 | 40.90 | 45.38 | 42.48 | 45.40 | 47.34 | 53.52 | 45.01 |
| 2015 | 51.86 | 51.91 | 45.85 | 46.47 | 38.01 | 37.51 | 42.39 | 46.70 | 43.76 | 46.90 | 48.99 | 55.87 | 46.35 |
| 2016 | 52.84 | 54.21 | 47.46 | 46.00 | 36.78 | 36.03 | 41.25 | 46.38 | 43.43 | 45.95 | 50.82 | 58.38 | 46.63 |
| 2017 | 56.90 | 56.76 | 49.64 | 47.51 | 37.94 | 37.14 | 42.37 | 47.80 | 44.75 | 47.91 | 52.50 | 59.99 | 48.44 |
| 2018 | 57.93 | 58.06 | 51.42 | 49.52 | 40.02 | 38.68 | 43.84 | 49.65 | 47.13 | 49.76 | 53.32 | 60.91 | 50.02 |
| 2019 | 58.68 | 58.55 | 52.21 | 50.90 | 41.69 | 40.06 | 44.76 | 50.45 | 48.82 | 50.91 | 54.14 | 61.36 | 51.04 |
| 2020 | 58.50 | 58.69 | 51.92 | 50.84 | 40.95 | 39.94 | 44.47 | 50.04 | 49.06 | 50.61 | 54.69 | 62.07 | 50.98 |
| 2021 | 60.16 | 60.69 | 53.97 | 52.27 | 42.51 | 41.54 | 45.60 | 51.39 | 50.27 | 52.19 | 56.43 | 63.43 | 52.54 |
| 2022 | 62.05 | 61.74 | 55.32 | 53.68 | 44.67 | 43.71 | 47.40 | 53.31 | 52.06 | 54.59 | 57.82 | 63.76 | 54.18 |
| 2023 | 62.61 | 61.63 | 55.09 | 54.22 | 46.14 | 44.65 | 48.58 | 54.93 | 53.20 | 56.22 | 58.62 | 64.00 | 54.99 |
| 2024 | 67.16 | 66.45 | 58.87 | 55.68 | 46.86 | 45.24 | 49.36 | 55.26 | 53.59 | 56.44 | 62.13 | 68.27 | 57.11 |
| 2025 | 67.27 | 66.14 | 59.01 | 56.40 | 47.77 | 46.26 | 50.01 | 55.93 | 54.64 | 57.23 | 62.15 | 67.83 | 57.55 |
| 2026 | 67.18 | 65.84 | 59.12 | 57.49 | 49.49 | 48.35 | 51.79 | 57.23 | 56.15 | 58.71 | 63.06 | 67.75 | 58.51 |
| 2027 | 67.37 | 66.49 | 60.30 | 58.41 | 50.74 | 49.58 | 52.46 | 58.16 | 57.17 | 59.78 | 64.81 | 69.33 | 59.55 |
| 2028 | 69.10 | 67.87 | 61.80 | 59.75 | 52.98 | 51.54 | 54.09 | 59.65 | 58.44 | 61.82 | 66.35 | 70.45 | 61.15 |
| 2029 | 70.55 | 69.41 | 63.75 | 61.98 | 54.33 | 52.18 | 54.90 | 60.93 | 59.76 | 63.10 | 67.03 | 72.24 | 62.51 |