

## Appendix 4J

### Ventilation Building and Portal Emission of Tseung Kwan O – Lam Tin Tunnel (TKO-LTT)

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Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron

Investigation, Design and Construction

Ventilation Building and Portal Emission of Tseung Kwan O - Lam Tin Tunnel (TKO-LTT)

| No. | X-Coordinate | Y-Coordinate | Base Elevation (m) | Daily NO <sub>x</sub> Emission Rate (g/s) | Stack Height (m) | Stack Temp. (K) | Stack Exit Velocity (m/s) | Stack Diameter (m) | Subject Premises                       | Daily RSP Emission Rate (g/s) |
|-----|--------------|--------------|--------------------|-------------------------------------------|------------------|-----------------|---------------------------|--------------------|----------------------------------------|-------------------------------|
| 1   | 842147.5     | 818226.4     | 0                  | 5.6796                                    | 8                | 313             | 6.00                      | 9.10               | Ventilation Building of TKL-LTT at CKL | 0.2998                        |

Hourly Profile for Ventilation Buidling Emissions of the Concurrent Project - TKO-LTT

| Hour    | V3 NO <sub>x</sub> | RSP  |
|---------|--------------------|------|
| Hour 1  | 2.2%               | 1.9% |
| Hour 2  | 1.6%               | 1.4% |
| Hour 3  | 1.3%               | 1.1% |
| Hour 4  | 0.9%               | 0.8% |
| Hour 5  | 0.8%               | 0.7% |
| Hour 6  | 1.3%               | 1.6% |
| Hour 7  | 2.9%               | 3.4% |
| Hour 8  | 7.6%               | 9.0% |
| Hour 9  | 7.0%               | 7.1% |
| Hour 10 | 6.4%               | 5.9% |
| Hour 11 | 5.0%               | 4.4% |
| Hour 12 | 4.6%               | 4.1% |
| Hour 13 | 4.8%               | 5.4% |
| Hour 14 | 5.1%               | 5.5% |
| Hour 15 | 4.8%               | 5.0% |
| Hour 16 | 5.2%               | 5.4% |
| Hour 17 | 5.9%               | 6.5% |
| Hour 18 | 6.3%               | 6.6% |
| Hour 19 | 6.3%               | 6.3% |
| Hour 20 | 4.8%               | 4.5% |
| Hour 21 | 3.8%               | 3.4% |
| Hour 22 | 4.0%               | 3.6% |
| Hour 23 | 4.0%               | 3.5% |
| Hour 24 | 3.4%               | 3.0% |

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| No. | Portal ID | X-Coordinate | Y-Coordinate | Height (m) | Base Elevation (m) | Vol. Flow (m <sup>3</sup> /s) | Total RSP (g/s) | Total NOx (g/s) | Width (m) | Subject Premises                      |
|-----|-----------|--------------|--------------|------------|--------------------|-------------------------------|-----------------|-----------------|-----------|---------------------------------------|
| 1   | B1        | 841862.8     | 818110.7     | 7.0        | 0.0                | --                            | 0.023           | 0.434           | 7         | Portal of T2 Eastbound Slip Road      |
| 2   | C1        | 841922.6     | 818178.1     | 8.0        | 9.1                | --                            | 0.015           | 0.297           | 14        | Portal of Link 190 & Link 226         |
| 3   | D1        | 842141.3     | 818213.9     | 8.0        | 15.2               | --                            | 0.011           | 0.217           | 9         | Portal of Link 191                    |
| 4   | E1        | 842103.8     | 818105.5     | 8.0        | 0.0                | --                            | 0.012           | 0.239           | 7         | Portal of Link 192                    |
| 5   | G1        | 842177.8     | 818183.1     | 9.5        | 0.0                | --                            | 0.142           | 2.719           | 11        | Portal of TKO-LTT Westbound           |
| 6   | H1        | 841826.6     | 818070.4     | 8.0        | 0.0                | --                            | 0.020           | 0.409           | 9         | Portal of Link 225                    |
| 7   | J1        | 842377.1     | 818242.8     | 9.5        | 17.5               | --                            | 0.058           | 1.067           | 7         | Portal of TKO-LTT Westbound Slip Road |

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For First 50m Out of the Portal

| No. | Portal ID | Total NOx (g/s) | Total RSP (g/s) | X-Coordinate | Y-Coordinate | Elevation (m) | NOx (g/s) of Each Source | Release Height (m) | Sigma Y | Sigma Z | Number of Volume Source | RSP (g/s) of Each Source |
|-----|-----------|-----------------|-----------------|--------------|--------------|---------------|--------------------------|--------------------|---------|---------|-------------------------|--------------------------|
| 1   | B1        | 0.289           | 0.015           | 841862.8     | 818110.7     | 0.0           | 0.0413                   | 3.5                | 3.26    | 3.26    | 7                       | 0.00221                  |
|     | B2        |                 |                 | 841869.4     | 818113.0     | 0.0           | 0.0413                   | 3.5                | 3.26    | 3.26    |                         | 0.00221                  |
|     | B3        |                 |                 | 841876.0     | 818115.4     | 0.0           | 0.0413                   | 3.5                | 3.26    | 3.26    |                         | 0.00221                  |
|     | B4        |                 |                 | 841882.6     | 818117.8     | 0.0           | 0.0413                   | 3.5                | 3.26    | 3.26    |                         | 0.00221                  |
|     | B5        |                 |                 | 841889.2     | 818120.1     | 0.0           | 0.0413                   | 3.5                | 3.26    | 3.26    |                         | 0.00221                  |
|     | B6        |                 |                 | 841895.8     | 818122.5     | 0.0           | 0.0413                   | 3.5                | 3.26    | 3.26    |                         | 0.00221                  |
|     | B7        |                 |                 | 841902.4     | 818124.9     | 0.0           | 0.0413                   | 3.5                | 3.26    | 3.26    |                         | 0.00221                  |
| 2   | C1        | 0.198           | 0.010           | 841922.6     | 818178.1     | 9.1           | 0.0496                   | 4.0                | 6.51    | 3.72    | 4                       | 0.00255                  |
|     | C2        |                 |                 | 841936.5     | 818179.6     | 9.1           | 0.0496                   | 4.0                | 6.51    | 3.72    |                         | 0.00255                  |
|     | C3        |                 |                 | 841950.4     | 818181.1     | 9.1           | 0.0496                   | 4.0                | 6.51    | 3.72    |                         | 0.00255                  |
|     | C4        |                 |                 | 841964.4     | 818182.6     | 9.1           | 0.0496                   | 4.0                | 6.51    | 3.72    |                         | 0.00255                  |
| 3   | D1        | 0.145           | 0.007           | 842141.3     | 818213.9     | 15.2          | 0.0241                   | 4.0                | 4.19    | 3.72    | 6                       | 0.00118                  |
|     | D2        |                 |                 | 842132.6     | 818211.4     | 15.2          | 0.0241                   | 4.0                | 4.19    | 3.72    |                         | 0.00118                  |
|     | D3        |                 |                 | 842124.0     | 818209.0     | 15.2          | 0.0241                   | 4.0                | 4.19    | 3.72    |                         | 0.00118                  |
|     | D4        |                 |                 | 842117.9     | 818198.5     | 15.2          | 0.0241                   | 4.0                | 4.19    | 3.72    |                         | 0.00118                  |
|     | D5        |                 |                 | 842109.0     | 818196.5     | 15.2          | 0.0241                   | 4.0                | 4.19    | 3.72    |                         | 0.00118                  |
|     | D6        |                 |                 | 842100.2     | 818194.5     | 15.2          | 0.0241                   | 4.0                | 4.19    | 3.72    |                         | 0.00118                  |
| 4   | E1        | 0.159           | 0.008           | 842103.8     | 818105.5     | 0.0           | 0.0228                   | 4.0                | 3.26    | 3.72    | 7                       | 0.00118                  |
|     | E2        |                 |                 | 842097.4     | 818102.9     | 0.0           | 0.0228                   | 4.0                | 3.26    | 3.72    |                         | 0.00118                  |
|     | E3        |                 |                 | 842090.9     | 818100.2     | 0.0           | 0.0228                   | 4.0                | 3.26    | 3.72    |                         | 0.00118                  |
|     | E4        |                 |                 | 842084.4     | 818097.5     | 0.0           | 0.0228                   | 4.0                | 3.26    | 3.72    |                         | 0.00118                  |
|     | E5        |                 |                 | 842078.0     | 818094.8     | 0.0           | 0.0228                   | 4.0                | 3.26    | 3.72    |                         | 0.00118                  |
|     | E6        |                 |                 | 842071.5     | 818092.1     | 0.0           | 0.0228                   | 4.0                | 3.26    | 3.72    |                         | 0.00118                  |
|     | E7        |                 |                 | 842065.0     | 818089.4     | 0.0           | 0.0228                   | 4.0                | 3.26    | 3.72    |                         | 0.00118                  |
| 5   | G1        | 1.813           | 0.095           | 842177.8     | 818183.1     | 0.0           | 0.3625                   | 4.75               | 5.12    | 4.42    | 5                       | 0.01896                  |
|     | G2        |                 |                 | 842169.1     | 818176.4     | 0.0           | 0.3625                   | 4.75               | 5.12    | 4.42    |                         | 0.01896                  |
|     | G3        |                 |                 | 842160.4     | 818169.7     | 0.0           | 0.3625                   | 4.75               | 5.12    | 4.42    |                         | 0.01896                  |
|     | G4        |                 |                 | 842151.7     | 818162.9     | 0.0           | 0.3625                   | 4.75               | 5.12    | 4.42    |                         | 0.01896                  |
|     | G5        |                 |                 | 842143.0     | 818156.2     | 0.0           | 0.3625                   | 4.75               | 5.12    | 4.42    |                         | 0.01896                  |
| 6   | H1        | 0.273           | 0.014           | 841826.6     | 818070.4     | 0.0           | 0.0454                   | 4.0                | 4.19    | 3.72    | 6                       | 0.00225                  |
|     | H2        |                 |                 | 841835.6     | 818070.0     | 0.0           | 0.0454                   | 4.0                | 4.19    | 3.72    |                         | 0.00225                  |
|     | H3        |                 |                 | 841844.6     | 818069.7     | 0.0           | 0.0454                   | 4.0                | 4.19    | 3.72    |                         | 0.00225                  |
|     | H4        |                 |                 | 841853.6     | 818069.4     | 0.0           | 0.0454                   | 4.0                | 4.19    | 3.72    |                         | 0.00225                  |
|     | H5        |                 |                 | 841862.7     | 818069.1     | 0.0           | 0.0454                   | 4.0                | 4.19    | 3.72    |                         | 0.00225                  |
|     | H6        |                 |                 | 841871.7     | 818069.1     | 0.0           | 0.0454                   | 4.0                | 4.19    | 3.72    |                         | 0.00225                  |
| 7   | J1        | 0.711           | 0.038           | 842377.1     | 818242.8     | 17.5          | 0.1016                   | 4.75               | 3.26    | 4.42    | 7                       | 0.00549                  |
|     | J2        |                 |                 | 842372.0     | 818238.0     | 17.5          | 0.1016                   | 4.75               | 3.26    | 4.42    |                         | 0.00549                  |
|     | J3        |                 |                 | 842366.9     | 818233.2     | 17.5          | 0.1016                   | 4.75               | 3.26    | 4.42    |                         | 0.00549                  |
|     | J4        |                 |                 | 842361.8     | 818228.4     | 17.5          | 0.1016                   | 4.75               | 3.26    | 4.42    |                         | 0.00549                  |
|     | J5        |                 |                 | 842356.7     | 818223.6     | 17.5          | 0.1016                   | 4.75               | 3.26    | 4.42    |                         | 0.00549                  |
|     | J6        |                 |                 | 842351.6     | 818218.8     | 17.5          | 0.1016                   | 4.75               | 3.26    | 4.42    |                         | 0.00549                  |
|     | J7        |                 |                 | 842346.5     | 818214.0     | 17.5          | 0.1016                   | 4.75               | 3.26    | 4.42    |                         | 0.00549                  |

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Ventilation Building and Portal Emission of Tseung Kwan O - Lam Tin Tunnel (TKO-LTT)

For Second 50m Out of the Portal

| No. | Portal ID | NOx (g/s) | RSP (g/s) | X-Coordinate | Y-Coordinate | Elevation (m) | NOx (g/s) of Each Source | Release Height (m) | Sigma Y | Sigma Z | Number of Volume Source | RSP (g/s) of Each Source |
|-----|-----------|-----------|-----------|--------------|--------------|---------------|--------------------------|--------------------|---------|---------|-------------------------|--------------------------|
| 1   | B8        | 0.145     | 0.008     | 841909.0     | 818127.2     | 0.0           | 0.0206                   | 3.5                | 3.26    | 3.26    | 7                       | 0.00110                  |
|     | B9        |           |           | 841915.6     | 818129.6     | 0.0           | 0.0206                   | 3.5                | 3.26    | 3.26    |                         | 0.00110                  |
|     | B10       |           |           | 841922.1     | 818132.0     | 0.0           | 0.0206                   | 3.5                | 3.26    | 3.26    |                         | 0.00110                  |
|     | B11       |           |           | 841928.7     | 818134.3     | 0.0           | 0.0206                   | 3.5                | 3.26    | 3.26    |                         | 0.00110                  |
|     | B12       |           |           | 841935.3     | 818136.7     | 0.0           | 0.0206                   | 3.5                | 3.26    | 3.26    |                         | 0.00110                  |
|     | B13       |           |           | 841941.9     | 818139.1     | 0.0           | 0.0206                   | 3.5                | 3.26    | 3.26    |                         | 0.00110                  |
|     | B14       |           |           | 841948.5     | 818141.4     | 0.0           | 0.0206                   | 3.5                | 3.26    | 3.26    |                         | 0.00110                  |
| 2   | C5        | 0.099     | 0.005     | 841978.3     | 818184.1     | 9.1           | 0.0248                   | 4.0                | 6.51    | 3.72    | 4                       | 0.00128                  |
|     | C6        |           |           | 841992.2     | 818185.6     | 9.1           | 0.0248                   | 4.0                | 6.51    | 3.72    |                         | 0.00128                  |
|     | C7        |           |           | 842006.2     | 818187.1     | 9.1           | 0.0248                   | 4.0                | 6.51    | 3.72    |                         | 0.00128                  |
|     | C8        |           |           | 842020.1     | 818188.6     | 9.1           | 0.0248                   | 4.0                | 6.51    | 3.72    |                         | 0.00128                  |
| 3   | D7        | 0.072     | 0.004     | 842091.4     | 818192.5     | 15.2          | 0.0120                   | 4.0                | 4.19    | 3.72    | 6                       | 0.00059                  |
|     | D8        |           |           | 842082.6     | 818190.5     | 15.2          | 0.0120                   | 4.0                | 4.19    | 3.72    |                         | 0.00059                  |
|     | D9        |           |           | 842073.8     | 818188.5     | 15.2          | 0.0120                   | 4.0                | 4.19    | 3.72    |                         | 0.00059                  |
|     | D10       |           |           | 842065.0     | 818186.5     | 15.2          | 0.0120                   | 4.0                | 4.19    | 3.72    |                         | 0.00059                  |
|     | D11       |           |           | 842056.2     | 818184.5     | 15.2          | 0.0120                   | 4.0                | 4.19    | 3.72    |                         | 0.00059                  |
|     | D12       |           |           | 842047.4     | 818182.5     | 15.2          | 0.0120                   | 4.0                | 4.19    | 3.72    |                         | 0.00059                  |
| 3   | E8        | 0.080     | 0.004     | 842058.6     | 818086.7     | 0.0           | 0.0114                   | 4.0                | 3.26    | 3.72    | 7                       | 0.00059                  |
|     | E9        |           |           | 842052.1     | 818084.0     | 0.0           | 0.0114                   | 4.0                | 3.26    | 3.72    |                         | 0.00059                  |
|     | E10       |           |           | 842045.7     | 818081.3     | 0.0           | 0.0114                   | 4.0                | 3.26    | 3.72    |                         | 0.00059                  |
|     | E11       |           |           | 842039.2     | 818078.7     | 0.0           | 0.0114                   | 4.0                | 3.26    | 3.72    |                         | 0.00059                  |
|     | E12       |           |           | 842032.7     | 818076.0     | 0.0           | 0.0114                   | 4.0                | 3.26    | 3.72    |                         | 0.00059                  |
|     | E13       |           |           | 842026.3     | 818073.3     | 0.0           | 0.0114                   | 4.0                | 3.26    | 3.72    |                         | 0.00059                  |
|     | E14       |           |           | 842019.8     | 818070.6     | 0.0           | 0.0114                   | 4.0                | 3.26    | 3.72    |                         | 0.00059                  |
| 5   | G6        | 0.906     | 0.047     | 842134.3     | 818149.5     | 0.0           | 0.1813                   | 4.75               | 5.12    | 4.42    | 5                       | 0.00948                  |
|     | G7        |           |           | 842125.6     | 818142.7     | 0.0           | 0.1813                   | 4.75               | 5.12    | 4.42    |                         | 0.00948                  |
|     | G8        |           |           | 842116.9     | 818136.0     | 0.0           | 0.1813                   | 4.75               | 5.12    | 4.42    |                         | 0.00948                  |
|     | G9        |           |           | 842108.1     | 818129.3     | 0.0           | 0.1813                   | 4.75               | 5.12    | 4.42    |                         | 0.00948                  |
|     | G10       |           |           | 842099.5     | 818122.5     | 0.0           | 0.1813                   | 4.75               | 5.12    | 4.42    |                         | 0.00948                  |
| 6   | H7        | 0.136     | 0.007     | 841880.6     | 818070.5     | 0.0           | 0.0227                   | 4.0                | 4.19    | 3.72    | 6                       | 0.00113                  |
|     | H8        |           |           | 841889.6     | 818071.9     | 0.0           | 0.0227                   | 4.0                | 4.19    | 3.72    |                         | 0.00113                  |
|     | H9        |           |           | 841898.6     | 818073.3     | 0.0           | 0.0227                   | 4.0                | 4.19    | 3.72    |                         | 0.00113                  |
|     | H10       |           |           | 841907.5     | 818074.7     | 0.0           | 0.0227                   | 4.0                | 4.19    | 3.72    |                         | 0.00113                  |
|     | H11       |           |           | 841916.6     | 818078.1     | 0.0           | 0.0227                   | 4.0                | 4.19    | 3.72    |                         | 0.00113                  |
|     | H12       |           |           | 841925.3     | 818081.7     | 0.0           | 0.0227                   | 4.0                | 4.19    | 3.72    |                         | 0.00113                  |
| 7   | J8        | 0.356     | 0.019     | 842341.4     | 818209.2     | 17.5          | 0.0508                   | 4.75               | 3.26    | 4.42    | 7                       | 0.00274                  |
|     | J9        |           |           | 842336.3     | 818204.4     | 17.5          | 0.0508                   | 4.75               | 3.26    | 4.42    |                         | 0.00274                  |
|     | J10       |           |           | 842331.2     | 818199.6     | 17.5          | 0.0508                   | 4.75               | 3.26    | 4.42    |                         | 0.00274                  |
|     | J11       |           |           | 842326.1     | 818194.8     | 17.5          | 0.0508                   | 4.75               | 3.26    | 4.42    |                         | 0.00274                  |
|     | J12       |           |           | 842321.0     | 818190.0     | 17.5          | 0.0508                   | 4.75               | 3.26    | 4.42    |                         | 0.00274                  |
|     | J13       |           |           | 842315.9     | 818185.2     | 17.5          | 0.0508                   | 4.75               | 3.26    | 4.42    |                         | 0.00274                  |
|     | J14       |           |           | 842310.8     | 818180.4     | 17.5          | 0.0508                   | 4.75               | 3.26    | 4.42    |                         | 0.00274                  |

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Ventilation Building and Portal Emission of Tseung Kwan O - Lam Tin Tunnel (TKO-LTT)

Hourly Profile for Portals Emissions of the Concurrent Project - TKO-LTT

| Hour    | T2 Eastbound Slip Road |      | Link 190 & Link 226 |       | Link 191 |       | Link 192 |       | TKO-LTT Westbound |      | Link 225 |       | TKO-LTT Westbound Slip |       |
|---------|------------------------|------|---------------------|-------|----------|-------|----------|-------|-------------------|------|----------|-------|------------------------|-------|
|         | NOx                    | RSP  | NOx                 | RSP   | NOx      | RSP   | NOx      | RSP   | NOx               | RSP  | NOx      | RSP   | NOx                    | RSP   |
| Hour 1  | 2.9%                   | 2.6% | 1.6%                | 1.2%  | 2.0%     | 1.4%  | 1.6%     | 1.2%  | 2.4%              | 2.1% | 2.7%     | 2.1%  | 1.7%                   | 1.3%  |
| Hour 2  | 2.1%                   | 1.8% | 1.2%                | 0.9%  | 1.4%     | 1.0%  | 1.2%     | 0.9%  | 1.7%              | 1.5% | 1.9%     | 1.5%  | 1.2%                   | 1.0%  |
| Hour 3  | 1.6%                   | 1.4% | 0.9%                | 0.7%  | 1.1%     | 0.8%  | 0.9%     | 0.7%  | 1.4%              | 1.2% | 1.5%     | 1.1%  | 1.0%                   | 0.8%  |
| Hour 4  | 1.2%                   | 1.0% | 0.7%                | 0.5%  | 0.8%     | 0.6%  | 0.7%     | 0.5%  | 1.0%              | 0.9% | 1.1%     | 0.8%  | 0.7%                   | 0.6%  |
| Hour 5  | 1.1%                   | 0.9% | 0.6%                | 0.5%  | 0.8%     | 0.5%  | 0.6%     | 0.5%  | 0.9%              | 0.8% | 1.0%     | 0.8%  | 0.6%                   | 0.5%  |
| Hour 6  | 0.8%                   | 0.9% | 1.6%                | 1.8%  | 1.4%     | 1.7%  | 1.6%     | 1.8%  | 1.2%              | 1.3% | 1.0%     | 1.2%  | 1.8%                   | 2.3%  |
| Hour 7  | 1.8%                   | 2.0% | 3.6%                | 4.1%  | 3.2%     | 3.8%  | 3.6%     | 4.1%  | 2.5%              | 2.8% | 2.2%     | 2.6%  | 3.9%                   | 5.0%  |
| Hour 8  | 4.9%                   | 5.3% | 9.7%                | 10.9% | 8.5%     | 10.1% | 9.7%     | 10.9% | 6.6%              | 7.3% | 5.9%     | 6.9%  | 10.1%                  | 13.0% |
| Hour 9  | 4.5%                   | 4.6% | 8.6%                | 9.0%  | 7.0%     | 7.4%  | 8.6%     | 9.0%  | 6.5%              | 6.7% | 4.8%     | 5.0%  | 8.2%                   | 8.1%  |
| Hour 10 | 4.0%                   | 3.8% | 7.7%                | 7.3%  | 6.4%     | 5.8%  | 7.7%     | 7.3%  | 5.8%              | 5.6% | 4.4%     | 3.9%  | 7.8%                   | 6.6%  |
| Hour 11 | 3.1%                   | 2.8% | 5.9%                | 5.3%  | 4.7%     | 4.0%  | 5.9%     | 5.3%  | 4.7%              | 4.5% | 3.3%     | 2.7%  | 5.8%                   | 4.1%  |
| Hour 12 | 2.9%                   | 2.6% | 5.5%                | 5.0%  | 4.4%     | 3.8%  | 5.4%     | 5.0%  | 4.2%              | 4.1% | 3.0%     | 2.6%  | 5.4%                   | 4.2%  |
| Hour 13 | 3.0%                   | 3.2% | 5.9%                | 6.3%  | 5.0%     | 5.5%  | 5.9%     | 6.3%  | 4.3%              | 4.7% | 3.5%     | 3.8%  | 6.1%                   | 7.1%  |
| Hour 14 | 3.2%                   | 3.3% | 6.2%                | 6.5%  | 5.3%     | 5.7%  | 6.2%     | 6.5%  | 4.5%              | 4.8% | 3.6%     | 3.9%  | 6.4%                   | 7.2%  |
| Hour 15 | 3.0%                   | 3.1% | 5.8%                | 6.0%  | 4.8%     | 5.1%  | 5.8%     | 6.0%  | 4.4%              | 4.5% | 3.3%     | 3.4%  | 5.8%                   | 6.0%  |
| Hour 16 | 7.1%                   | 7.5% | 4.0%                | 4.2%  | 5.0%     | 5.3%  | 4.1%     | 4.2%  | 5.7%              | 5.9% | 6.6%     | 7.2%  | 4.0%                   | 4.1%  |
| Hour 17 | 8.3%                   | 9.0% | 5.2%                | 5.9%  | 6.8%     | 8.1%  | 5.2%     | 5.9%  | 6.4%              | 7.0% | 8.6%     | 10.1% | 4.7%                   | 5.2%  |
| Hour 18 | 8.8%                   | 9.5% | 5.1%                | 5.6%  | 6.5%     | 7.3%  | 5.2%     | 5.6%  | 6.8%              | 7.2% | 8.5%     | 9.6%  | 4.8%                   | 5.1%  |
| Hour 19 | 8.7%                   | 9.3% | 4.9%                | 5.3%  | 6.1%     | 6.7%  | 5.0%     | 5.3%  | 6.9%              | 7.0% | 8.1%     | 9.0%  | 4.8%                   | 4.8%  |
| Hour 20 | 6.5%                   | 6.6% | 3.9%                | 3.8%  | 4.7%     | 4.8%  | 3.8%     | 3.8%  | 5.2%              | 5.0% | 6.2%     | 6.4%  | 3.7%                   | 3.5%  |
| Hour 21 | 5.0%                   | 4.9% | 2.7%                | 2.5%  | 3.3%     | 2.9%  | 2.8%     | 2.5%  | 4.2%              | 3.8% | 4.5%     | 4.2%  | 2.9%                   | 2.5%  |
| Hour 22 | 5.4%                   | 5.0% | 3.0%                | 2.4%  | 3.7%     | 2.7%  | 3.0%     | 2.4%  | 4.4%              | 4.0% | 5.0%     | 4.0%  | 3.1%                   | 2.5%  |
| Hour 23 | 5.4%                   | 4.9% | 3.0%                | 2.4%  | 3.8%     | 2.6%  | 3.1%     | 2.4%  | 4.4%              | 3.9% | 5.0%     | 4.0%  | 3.1%                   | 2.4%  |
| Hour 24 | 4.6%                   | 4.1% | 2.6%                | 2.0%  | 3.2%     | 2.2%  | 2.6%     | 2.0%  | 3.7%              | 3.3% | 4.2%     | 3.4%  | 2.6%                   | 2.1%  |