## Fixed Payer Swap Agreements Executed to Hedge All Variable Rate Bonds **Relating to Home Mortgage Revenue Bonds** as of June 30, 2019

| Bond Series       | Initial<br>Notional Amount | Outstanding Notional Amount* | Fixed Rate<br>Paid by Agency | Float Rate<br>Recieved by Agency | Average<br>Years To<br>Maturity |
|-------------------|----------------------------|------------------------------|------------------------------|----------------------------------|---------------------------------|
| HMRB 2005A**      | 200,000,000.00             | 29,150,000.00                | 3.80400%                     | 60% of 1 mo. LIBOR + 0.26%       | 14.56                           |
| HMRB Indenture*** | 0.00                       | 2,225,000.00                 | 4.80000%                     | 65% of 1 mo. LIBOR               | 3.18                            |
| HMRB Indenture*** | 0.00                       | 9,470,000.00                 | 4.14300%                     | 65% of 1 mo. LIBOR               | 3.14                            |
| HMRB Indenture*** | 0.00                       | 7,005,000.00                 | 3.99400%                     | 65% of 1 mo. LIBOR               | 3.53                            |
| HMRB Indenture*** | 0.00                       | 7,760,000.00                 | 3.86300%                     | 65% of 1 mo. LIBOR               | 8.59                            |
| HMRB Indenture*** | 0.00                       | 1,655,000.00                 | 4.80000%                     | 65% of 1 mo. LIBOR               | 0.86                            |
| HMRB Indenture*** | 0.00                       | 1,680,000.00                 | 4.90000%                     | 65% of 1 mo. LIBOR               | 9.56                            |
| HMRB Indenture*** | 0.00                       | 2,595,000.00                 | 4.14300%                     | 65% of 1 mo. LIBOR               | 1.00                            |
| HMRB Indenture*** | 0.00                       | 3,865,000.00                 | 4.13000%                     | 100% of SIFMA - 0.15%            | 10.80                           |
| HMRB Indenture*** | 0.00                       | 11,610,000.00                | 7.11000%                     | 100% of 1 mo. LIBOR              | 1.77                            |
| HMRB Indenture*** | 0.00                       | 11,595,000.00                | 4.90000%                     | 65% of 1 mo. LIBOR               | 3.13                            |
| HMRB Indenture*** | 0.00                       | 11,375,000.00                | 4.51000%                     | 65% of 1 mo. LIBOR               | 4.01                            |
| HMRB Indenture*** | 0.00                       | 1,800,000.00                 | 6.21500%                     | 100% of 3 mo. LIBOR + 0.26%      | 0.00                            |
| HMRB Indenture*** | 0.00                       | 1,870,000.00                 | 4.14300%                     | 65% of 1 mo. LIBOR               | 0.10                            |
| HMRB Indenture*** | 0.00                       | 4,265,000.00                 | 6.36000%                     | 100% of 3 mo. LIBOR + 0.27%      | 0.61                            |
| HMRB Indenture*** | 0.00                       | 14,885,000.00                | 4.13000%                     | 100% of SIFMA - 0.15%            | 3.90                            |
| HMRB Indenture*** | 0.00                       | 22,385,000.00                | 3.88800%                     | 65% of 1 mo. LIBOR               | 4.27                            |
| HMRB Indenture*** | 0.00                       | 11,470,000.00                | 3.99400%                     | 65% of 1 mo. LIBOR               | 1.23                            |
| HMRB Indenture*** | 0.00                       | 13,805,000.00                | 3.86300%                     | 65% of 1 mo. LIBOR               | 2.29                            |
| HMRB Indenture*** | 0.00                       | 9,460,000.00                 | 3.72800%                     | 65% of 1 mo. LIBOR               | 1.34                            |
| HMRB Indenture*** | 0.00                       | 16,685,000.00                | 3.14800%                     | 65% of 1 mo. LIBOR               | 1.60                            |
| HMRB Indenture*** | 0.00                       | 6,760,000.00                 | 3.08750%                     | 60% of 1 mo. LIBOR + 0.26%       | 3.46                            |
| HMRB Indenture*** | 0.00                       | 17,620,000.00                | 3.61000%                     | 60% of 1 mo. LIBOR + 0.26%       | 4.82                            |
| HMRB Indenture*** | 0.00                       | 5,425,000.00                 | 3.56000%                     | 60% of 1 mo. LIBOR + 0.26%       | 4.79                            |
| TOTAL:            | \$200,000,000.00           | \$226,415,000.00             |                              |                                  |                                 |

<sup>\*</sup> The notional amount of each interest rate swap agreement will be adjusted from time to time in accordance with the terms of such agreement.

<sup>\*\*</sup> Denotes swaps in which the Agency owns par termination options over time.

\*\*\* These swaps are treated as indenture balance sheet hedges. For tax purposes, they are not integrated with any variable rate bonds as effective hedges.