

**APPLICABLE HAIRCUT FOR TRADE DATE**  
Friday, December 13, 2019

<b>Remaining Tenor</b>	<b>Volatility</b>	<b>Haircut for Repo</b>
1Y	0.069248	0.245 %
2Y	0.087453	0.683 %
3Y	0.117433	1.408 %
4Y	0.078298	1.665 %
5Y	0.156553	3.509 %
7Y	0.115042	4.252 %
10Y	0.106743	5.208 %
20Y	0.067744	6.140 %
25Y	0.065566	6.425 %