

**APPLICABLE HAIRCUT FOR TRADE DATE**  
Wednesday, December 18, 2019

<b>Remaining Tenor</b>	<b>Volatility</b>	<b>Haircut for Repo</b>
1Y	0.069248	0.243%
2Y	0.087453	0.661%
3Y	0.117433	1.384%
4Y	0.078298	1.620%
5Y	0.156553	4.827%
7Y	0.115042	3.957%
10Y	0.106743	5.067%
20Y	0.067744	6.096%
25Y	0.065566	6.324%