

684th Auction of 03-Month Government of Pakistan Market Treasury Bill

Auction Date 13-Nov-24

Settlement Date 14-Nov-24

Maturity Date 6-Feb-25

3M

Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
1	2,000.000	97.0735	2,000.000	13.0997%	13.0997%	58.530	1,941.470	58.530	1,941.470
2	10,000.000	97.0637	12,000.000	13.1449%	13.1374%	293.630	9,706.370	352.160	11,647.840
3	1,000.000	97.0627	13,000.000	13.1495%	13.1383%	29.373	970.627	381.533	12,618.467
4	1,000.000	97.0518	14,000.000	13.1998%	13.1427%	29.482	970.518	411.015	13,588.985
5	42.000	97.0518	14,042.000	13.1998%	13.1429%	1.238	40.762	412.253	13,629.747
6	42.000	97.0474	14,084.000	13.2201%	13.1431%	1.240	40.760	413.493	13,670.507
7	30,000.000	97.0466	44,084.000	13.2238%	13.1980%	886.020	29,113.980	1,299.513	42,784.487
8	2,500.000	97.0431	46,584.000	13.2399%	13.2002%	73.923	2,426.078	1,373.436	45,210.564
9	42.000	97.0431	46,626.000	13.2399%	13.2003%	1.242	40.758	1,374.678	45,251.322
10	10,000.000	97.0421	56,626.000	13.2445%	13.2081%	295.790	9,704.210	1,670.468	54,955.532
11	2,500.000	97.0421	59,126.000	13.2445%	13.2096%	73.947	2,426.053	1,744.415	57,381.585
12	1,000.000	97.0409	60,126.000	13.2501%	13.2103%	29.591	970.409	1,774.006	58,351.994
13	42.000	97.0387	60,168.000	13.2602%	13.2103%	1.244	40.756	1,775.250	58,392.750
14	49.000	97.0344	60,217.000	13.2801%	13.2104%	1.453	47.547	1,776.703	58,440.297
15	10,000.000	97.0334	70,217.000	13.2847%	13.2210%	296.660	9,703.340	2,073.363	68,143.637
16	2,500.000	97.0323	72,717.000	13.2898%	13.2233%	74.192	2,425.808	2,147.556	70,569.444
17	1,000.000	97.0301	73,717.000	13.2999%	13.2244%	29.699	970.301	2,177.255	71,539.745
18	49.000	97.0301	73,766.000	13.2999%	13.2244%	1.455	47.545	2,178.710	71,587.290
19	49.000	97.0257	73,815.000	13.3202%	13.2245%	1.457	47.543	2,180.167	71,634.833
20	10,000.000	97.0220	83,815.000	13.3373%	13.2380%	297.800	9,702.200	2,477.967	81,337.033
21	2,500.000	97.0215	86,315.000	13.3396%	13.2409%	74.462	2,425.538	2,552.430	83,762.570
22	49.000	97.0214	86,364.000	13.3401%	13.2410%	1.460	47.540	2,553.889	83,810.111
23	1,000.000	97.0193	87,364.000	13.3498%	13.2422%	29.807	970.193	2,583.696	84,780.304
24	42.000	97.0171	87,406.000	13.3599%	13.2423%	1.253	40.747	2,584.949	84,821.051
25	1,000.000	97.0150	88,406.000	13.3696%	13.2437%	29.850	970.150	2,614.799	85,791.201
26	42.000	97.0128	88,448.000	13.3798%	13.2438%	1.255	40.745	2,616.054	85,831.946
27	5,000.000	97.0113	93,448.000	13.3867%	13.2514%	149.435	4,850.565	2,765.489	90,682.511
28	2,500.000	97.0106	95,948.000	13.3899%	13.2550%	74.735	2,425.265	2,840.224	93,107.776
29	250.000	97.0086	96,198.000	13.3992%	13.2554%	7.479	242.522	2,847.702	93,350.298
30	1,774.000	97.0084	97,972.000	13.4001%	13.2580%	53.071	1,720.929	2,900.773	95,071.227
31	42.000	97.0084	98,014.000	13.4001%	13.2581%	1.256	40.744	2,902.030	95,111.970
32	42.000	97.0041	98,056.000	13.4199%	13.2581%	1.258	40.742	2,903.288	95,152.712
33	5,000.000	97.0002	103,056.000	13.4380%	13.2669%	149.990	4,850.010	3,053.278	100,002.722
34	2,500.000	96.9998	105,556.000	13.4398%	13.2710%	75.005	2,424.995	3,128.283	102,427.717
35	42.000	96.9998	105,598.000	13.4398%	13.2710%	1.260	40.740	3,129.543	102,468.457
36	1,000.000	96.9978	106,598.000	13.4490%	13.2727%	30.022	969.978	3,159.565	103,438.435
37	250.000	96.9978	106,848.000	13.4490%	13.2731%	7.506	242.495	3,167.071	103,680.929
38	42.000	96.9954	106,890.000	13.4601%	13.2732%	1.262	40.738	3,168.332	103,721.668
39	5,000.000	96.9911	111,890.000	13.4800%	13.2824%	150.445	4,849.555	3,318.777	108,571.223
40	42.000	96.9911	111,932.000	13.4800%	13.2825%	1.264	40.736	3,320.041	108,611.959
41	5,000.000	96.9894	116,932.000	13.4878%	13.2913%	150.530	4,849.470	3,470.571	113,461.429
42	33,000.000	96.9890	149,932.000	13.4897%	13.3350%	993.630	32,006.370	4,464.201	145,467.799
43	620.000	96.9889	150,552.000	13.4901%	13.3356%	18.669	601.331	4,482.870	146,069.130
44	10,000.000	96.9880	160,552.000	13.4943%	13.3455%	301.200	9,698.800	4,784.070	155,767.930
45	1,000.000	96.9870	161,552.000	13.4989%	13.3464%	30.130	969.870	4,814.200	156,737.800
46	500.000	96.9870	162,052.000	13.4989%	13.3469%	15.065	484.935	4,829.265	157,222.735
47	50,000.000	96.9868	212,052.000	13.4998%	13.3830%	1,506.600	48,493.400	6,335.865	205,716.135

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3M

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48	42.000	96.9868	212,094.000	13.4998%	13.3830%	1.266	40.734	6,337.131	205,756.869
49	0.500	96.9868	212,094.500	13.4998%	13.3830%	0.015	0.485	6,337.146	205,757.354
50	5,000.000	96.9790	217,094.500	13.5359%	13.3865%	151.050	4,848.950	6,488.196	210,606.304
51	2,000.000	96.9762	219,094.500	13.5488%	13.3880%	60.476	1,939.524	6,548.672	212,545.828
52	500.000	96.9762	219,594.500	13.5488%	13.3884%	15.119	484.881	6,563.791	213,030.709
53	500.000	96.9653	220,094.500	13.5992%	13.3888%	15.174	484.827	6,578.964	213,515.536
54	5,000.000	96.9652	225,094.500	13.5997%	13.3935%	151.740	4,848.260	6,730.704	218,363.796
55	2,500.000	96.9609	227,594.500	13.6195%	13.3960%	75.978	2,424.023	6,806.682	220,787.818
56	500.000	96.9545	228,094.500	13.6491%	13.3966%	15.228	484.773	6,821.909	221,272.591
57	5,000.000	96.9544	233,094.500	13.6496%	13.4020%	152.280	4,847.720	6,974.189	226,120.311
58	30,000.000	96.9543	263,094.500	13.6500%	13.4303%	913.710	29,086.290	7,887.899	255,206.601
59	500.000	96.9437	263,594.500	13.6990%	13.4308%	15.281	484.719	7,903.181	255,691.319
60	20,000.000	96.9436	283,594.500	13.6995%	13.4497%	611.280	19,388.720	8,514.461	275,080.039
61	5,000.000	96.9435	288,594.500	13.7000%	13.4541%	152.825	4,847.175	8,667.286	279,927.214
62	1,000.000	96.9435	289,594.500	13.7000%	13.4549%	30.565	969.435	8,697.851	280,896.649
63	1,000.000	96.9413	290,594.500	13.7101%	13.4558%	30.587	969.413	8,728.438	281,866.062
64	6,000.000	96.9405	296,594.500	13.7138%	13.4610%	183.570	5,816.430	8,912.008	287,682.492
65	1,000.000	96.9391	297,594.500	13.7203%	13.4619%	30.609	969.391	8,942.617	288,651.883
66	1,000.000	96.9370	298,594.500	13.7300%	13.4628%	30.630	969.370	8,973.247	289,621.253
67	1,000.000	96.9348	299,594.500	13.7402%	13.4637%	30.652	969.348	9,003.899	290,590.601
68	10,000.000	96.9339	309,594.500	13.7444%	13.4728%	306.610	9,693.390	9,310.509	300,283.991
69	500.000	96.9333	310,094.500	13.7471%	13.4732%	15.334	484.667	9,325.842	300,768.658
70	4,000.000	96.9330	314,094.500	13.7485%	13.4767%	122.680	3,877.320	9,448.522	304,645.978
71	500.000	96.9329	314,594.500	13.7490%	13.4772%	15.336	484.665	9,463.858	305,130.642
72	25,000.000	96.9327	339,594.500	13.7499%	13.4972%	766.825	24,233.175	10,230.683	329,363.817
73	10,000.000	96.9327	349,594.500	13.7499%	13.5045%	306.730	9,693.270	10,537.413	339,057.087
74	1,000.000	96.9327	350,594.500	13.7499%	13.5052%	30.673	969.327	10,568.086	340,026.414
75	200.000	96.9327	350,794.500	13.7499%	13.5053%	6.135	193.865	10,574.220	340,220.280
76	3.750	96.9327	350,798.250	13.7499%	13.5053%	0.115	3.635	10,574.335	340,223.915
77	500.000	96.9326	351,298.250	13.7504%	13.5056%	15.337	484.663	10,589.672	340,708.578
78	500.000	96.9305	351,798.250	13.7601%	13.5060%	15.348	484.653	10,605.020	341,193.230
79	500.000	96.9283	352,298.250	13.7702%	13.5064%	15.359	484.642	10,620.378	341,677.872
80	500.000	96.9262	352,798.250	13.7800%	13.5068%	15.369	484.631	10,635.747	342,162.503
81	500.000	96.9253	353,298.250	13.7841%	13.5072%	15.374	484.627	10,651.121	342,647.129
82	500.000	96.9240	353,798.250	13.7901%	13.5076%	15.380	484.620	10,666.501	343,131.749
83	50,000.000	96.9230	403,798.250	13.7948%	13.5431%	1,538.500	48,461.500	12,205.001	391,593.249
84	1,000.000	96.9230	404,798.250	13.7948%	13.5437%	30.770	969.230	12,235.771	392,562.479
85	500.000	96.9223	405,298.250	13.7980%	13.5441%	15.389	484.612	12,251.159	393,047.091
86	500.000	96.9221	405,798.250	13.7989%	13.5444%	15.390	484.611	12,266.549	393,531.701
87	1,000.000	96.9219	406,798.250	13.7999%	13.5450%	30.781	969.219	12,297.330	394,500.920
88	500.000	96.9218	407,298.250	13.8003%	13.5453%	15.391	484.609	12,312.721	394,985.529
89	1,000.000	96.9197	408,298.250	13.8100%	13.5460%	30.803	969.197	12,343.524	395,954.726
90	500.000	96.9197	408,798.250	13.8100%	13.5463%	15.402	484.599	12,358.925	396,439.325
91	1,000.000	96.9175	409,798.250	13.8202%	13.5470%	30.825	969.175	12,389.750	397,408.500
92	500.000	96.9175	410,298.250	13.8202%	13.5473%	15.413	484.588	12,405.163	397,893.087
93	11,000.000	96.9167	421,298.250	13.8239%	13.5545%	339.163	10,660.837	12,744.326	408,553.924
94	1,000.000	96.9154	422,298.250	13.8299%	13.5552%	30.846	969.154	12,775.172	409,523.078

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3M

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95	1,000.000	96.9153	423,298.250	13.8304%	13.5558%	30.847	969.153	12,806.019	410,492.231
96	500.000	96.9153	423,798.250	13.8304%	13.5561%	15.424	484.577	12,821.442	410,976.808
97	1,000.000	96.9132	424,798.250	13.8401%	13.5568%	30.868	969.132	12,852.310	411,945.940
98	500.000	96.9132	425,298.250	13.8401%	13.5571%	15.434	484.566	12,867.744	412,430.506
99	2,500.000	96.9113	427,798.250	13.8489%	13.5588%	77.218	2,422.783	12,944.962	414,853.288
100	500.000	96.9113	428,298.250	13.8489%	13.5592%	15.444	484.557	12,960.405	415,337.845
101	4,000.000	96.9111	432,298.250	13.8498%	13.5619%	123.556	3,876.444	13,083.961	419,214.289
102	1,000.000	96.9111	433,298.250	13.8498%	13.5625%	30.889	969.111	13,114.850	420,183.400
103	2,500.000	96.9100	435,798.250	13.8549%	13.5642%	77.250	2,422.750	13,192.100	422,606.150
104	1,000.000	96.9089	436,798.250	13.8600%	13.5649%	30.911	969.089	13,223.011	423,575.239
105	5,000.000	96.9069	441,798.250	13.8692%	13.5683%	154.655	4,845.345	13,377.666	428,420.584
106	1,000.000	96.9067	442,798.250	13.8702%	13.5690%	30.933	969.067	13,408.599	429,389.651
107	2,500.000	96.9050	445,298.250	13.8780%	13.5708%	77.375	2,422.625	13,485.974	431,812.276
108	1,000.000	96.9046	446,298.250	13.8799%	13.5714%	30.954	969.046	13,516.928	432,781.322
109	2,000.000	96.9043	448,298.250	13.8813%	13.5728%	61.914	1,938.086	13,578.842	434,719.408
110	16,000.000	96.9038	464,298.250	13.8836%	13.5835%	495.392	15,504.608	14,074.234	450,224.016
111	10,000.000	96.9025	474,298.250	13.8896%	13.5900%	309.750	9,690.250	14,383.984	459,914.266
112	5,000.000	96.9024	479,298.250	13.8901%	13.5931%	154.880	4,845.120	14,538.864	464,759.386
113	5,000.000	96.9024	484,298.250	13.8901%	13.5962%	154.880	4,845.120	14,693.744	469,604.506
114	1,000.000	96.9005	485,298.250	13.8989%	13.5968%	30.995	969.005	14,724.739	470,573.511
115	2,000.000	96.8916	487,298.250	13.9401%	13.5982%	62.168	1,937.832	14,786.907	472,511.343
116	2,500.000	96.8900	489,798.250	13.9475%	13.6000%	77.750	2,422.250	14,864.657	474,933.593
117	5,000.000	96.8895	494,798.250	13.9498%	13.6035%	155.525	4,844.475	15,020.182	479,778.068
118	21,000.000	96.8822	515,798.250	13.9836%	13.6190%	654.738	20,345.262	15,674.920	500,123.330
119	10,000.000	96.8820	525,798.250	13.9845%	13.6260%	311.800	9,688.200	15,986.720	509,811.530
120	5,000.000	96.8808	530,798.250	13.9900%	13.6294%	155.960	4,844.040	16,142.680	514,655.570
121	5,000.000	96.8808	535,798.250	13.9900%	13.6328%	155.960	4,844.040	16,298.640	519,499.610
122	5,000.000	96.8799	540,798.250	13.9942%	13.6361%	156.005	4,843.995	16,454.645	524,343.605
123	5,000.000	96.8679	545,798.250	14.0498%	13.6399%	156.605	4,843.395	16,611.250	529,187.000
124	5,000.000	96.8593	550,798.250	14.0896%	13.6440%	157.035	4,842.965	16,768.285	534,029.965
125	5,000.000	96.8592	555,798.250	14.0901%	13.6480%	157.040	4,842.960	16,925.325	538,872.925
126	26,000.000	96.8498	581,798.250	14.1336%	13.6697%	819.052	25,180.948	17,744.377	564,053.873
127	10,000.000	96.8420	591,798.250	14.1697%	13.6781%	315.800	9,684.200	18,060.177	573,738.073
128	5,000.000	96.8376	596,798.250	14.1901%	13.6824%	158.120	4,841.880	18,218.297	578,579.953
129	1,000.000	96.8376	597,798.250	14.1901%	13.6833%	31.624	968.376	18,249.921	579,548.329
130	26,000.000	96.8282	623,798.250	14.2337%	13.7062%	824.668	25,175.332	19,074.589	604,723.661
131	1,000.000	96.8268	624,798.250	14.2402%	13.7071%	31.732	968.268	19,106.321	605,691.929
132	5,000.000	96.8161	629,798.250	14.2898%	13.7117%	159.195	4,840.805	19,265.516	610,532.734
133	1,000.000	96.8161	630,798.250	14.2898%	13.7126%	31.839	968.161	19,297.355	611,500.895
134	1,000.000	96.8053	631,798.250	14.3398%	13.7136%	31.947	968.053	19,329.302	612,468.948
135	5,000.000	96.7945	636,798.250	14.3899%	13.7189%	160.275	4,839.725	19,489.577	617,308.673
136	1,000.000	96.7945	637,798.250	14.3899%	13.7200%	32.055	967.945	19,521.632	618,276.618
137	1,000.000	96.7837	638,798.250	14.4400%	13.7211%	32.163	967.837	19,553.795	619,244.455
138	150,000.000	96.7736	788,798.250	14.4869%	13.8667%	4,839.600	145,160.400	24,393.395	764,404.855
139	10,000.000	96.7729	798,798.250	14.4901%	13.8745%	322.710	9,677.290	24,716.105	774,082.145
140	1,000.000	96.7729	799,798.250	14.4901%	13.8753%	32.271	967.729	24,748.376	775,049.874
141	1,000.000	96.7622	800,798.250	14.5398%	13.8761%	32.378	967.622	24,780.754	776,017.496

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142	1,000.000	96.7514	801,798.250	14.5899%	13.8770%	32.486	967.514	24,813.240	776,985.010
143	1,000.000	96.7406	802,798.250	14.6400%	13.8780%	32.594	967.406	24,845.834	777,952.416
144	10,000.000	96.6635	812,798.250	14.9983%	13.8917%	333.650	9,666.350	25,179.484	787,618.766
145	10,000.000	96.5988	822,798.250	15.2994%	13.9089%	340.120	9,659.880	25,519.604	797,278.646
Total	822,798.250					25,519.604	797,278.646		

684th Auction of 06-Month Government of Pakistan Market Treasury Bill

Auction Date 13-Nov-24

Settlement Date 14-Nov-24

Maturity Date 15-May-25

6M

Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
1	49.000	93.8685	49.000	13.0999%	13.0999%	3.004	45.996	3.004	45.996
2	49.000	93.8575	98.000	13.1250%	13.1124%	3.010	45.990	6.014	91.986
3	200.000	93.8469	298.000	13.1491%	13.1370%	12.306	187.694	18.320	279.680
4	49.000	93.8465	347.000	13.1500%	13.1389%	3.015	45.985	21.336	325.664
5	42.000	93.8355	389.000	13.1750%	13.1428%	2.589	39.411	23.925	365.075
6	200.000	93.8250	589.000	13.1990%	13.1619%	12.350	187.650	36.275	552.725
7	42.000	93.8245	631.000	13.2001%	13.1644%	2.594	39.406	38.868	592.132
8	42.000	93.8136	673.000	13.2249%	13.1682%	2.598	39.402	41.467	631.533
9	1,000.000	93.8030	1,673.000	13.2491%	13.2165%	61.970	938.030	103.437	1,569.563
10	9,070.000	93.8026	10,743.000	13.2500%	13.2448%	562.104	8,507.896	665.541	10,077.459
11	500.000	93.8026	11,243.000	13.2500%	13.2450%	30.987	469.013	696.528	10,546.472
12	42.000	93.8026	11,285.000	13.2500%	13.2450%	2.603	39.397	699.131	10,585.869
13	42.000	93.7916	11,327.000	13.2751%	13.2452%	2.608	39.392	701.738	10,625.262
14	3,000.000	93.7878	14,327.000	13.2837%	13.2532%	186.366	2,813.634	888.104	13,438.896
15	3,000.000	93.7875	17,327.000	13.2844%	13.2586%	186.375	2,813.625	1,074.479	16,252.521
16	1,000.000	93.7833	18,327.000	13.2940%	13.2606%	62.167	937.833	1,136.646	17,190.354
17	2,000.000	93.7811	20,327.000	13.2990%	13.2644%	124.378	1,875.622	1,261.024	19,065.976
18	200.000	93.7808	20,527.000	13.2997%	13.2647%	12.438	187.562	1,273.463	19,253.537
19	49.000	93.7807	20,576.000	13.2999%	13.2648%	3.047	45.953	1,276.510	19,299.490
20	49.000	93.7697	20,625.000	13.3250%	13.2649%	3.053	45.947	1,279.563	19,345.437
21	3,000.000	93.7646	23,625.000	13.3367%	13.2740%	187.062	2,812.938	1,466.625	22,158.375
22	200.000	93.7633	23,825.000	13.3396%	13.2746%	12.473	187.527	1,479.098	22,345.902
23	200.000	93.7609	24,025.000	13.3451%	13.2752%	12.478	187.522	1,491.577	22,533.423
24	500.000	93.7592	24,525.000	13.3490%	13.2767%	31.204	468.796	1,522.781	23,002.219
25	49.000	93.7587	24,574.000	13.3501%	13.2768%	3.058	45.942	1,525.839	23,048.161
26	200.000	93.7545	24,774.000	13.3597%	13.2775%	12.491	187.509	1,538.330	23,235.670
27	49.000	93.7478	24,823.000	13.3750%	13.2777%	3.064	45.936	1,541.393	23,281.607
28	200.000	93.7457	25,023.000	13.3798%	13.2785%	12.509	187.491	1,553.902	23,469.098
29	4,000.000	93.7440	29,023.000	13.3837%	13.2930%	250.240	3,749.760	1,804.142	27,218.858
30	500.000	93.7417	29,523.000	13.3889%	13.2946%	31.292	468.709	1,835.434	27,687.566
31	533.000	93.7414	30,056.000	13.3896%	13.2963%	33.358	499.642	1,868.792	28,187.208
32	8,000.000	93.7375	38,056.000	13.3985%	13.3178%	501.000	7,499.000	2,369.792	35,686.208
33	1,000.000	93.7373	39,056.000	13.3989%	13.3199%	62.627	937.373	2,432.419	36,623.581
34	200.000	93.7370	39,256.000	13.3996%	13.3203%	12.526	187.474	2,444.945	36,811.055
35	3,000.000	93.7369	42,256.000	13.3999%	13.3259%	187.893	2,812.107	2,632.838	39,623.162
36	2,500.000	93.7369	44,756.000	13.3999%	13.3300%	156.578	2,343.423	2,789.415	41,966.585
37	1,000.000	93.7368	45,756.000	13.4001%	13.3316%	62.632	937.368	2,852.047	42,903.953
38	49.000	93.7368	45,805.000	13.4001%	13.3317%	3.069	45.931	2,855.116	42,949.884
39	10.000	93.7368	45,815.000	13.4001%	13.3317%	0.626	9.374	2,855.743	42,959.257
40	534.000	93.7327	46,349.000	13.4094%	13.3326%	33.467	500.533	2,889.210	43,459.790
41	1,000.000	93.7325	47,349.000	13.4099%	13.3342%	62.675	937.325	2,951.885	44,397.115
42	1,000.000	93.7281	48,349.000	13.4199%	13.3360%	62.719	937.281	3,014.604	45,334.396
43	49.000	93.7259	48,398.000	13.4250%	13.3361%	3.074	45.926	3,017.678	45,380.322
44	500.000	93.7241	48,898.000	13.4291%	13.3370%	31.380	468.621	3,049.058	45,848.942
45	533.000	93.7239	49,431.000	13.4295%	13.3380%	33.452	499.548	3,082.510	46,348.490
46	1,000.000	93.7237	50,431.000	13.4300%	13.3398%	62.763	937.237	3,145.273	47,285.727
47	6,000.000	93.7221	56,431.000	13.4336%	13.3498%	376.674	5,623.326	3,521.947	52,909.053

684th Auction of 06-Month Government of Pakistan Market Treasury Bill

Auction Date 13-Nov-24

Settlement Date 14-Nov-24

Maturity Date 15-May-25

6M

Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
48	500.000	93.7200	56,931.000	13.4384%	13.3506%	31.400	468.600	3,553.347	53,377.653
49	10,000.000	93.7194	66,931.000	13.4398%	13.3639%	628.060	9,371.940	4,181.407	62,749.593
50	1,000.000	93.7193	67,931.000	13.4400%	13.3650%	62.807	937.193	4,244.214	63,686.786
51	2,000.000	93.7153	69,931.000	13.4492%	13.3674%	125.694	1,874.306	4,369.908	65,561.092
52	534.000	93.7152	70,465.000	13.4494%	13.3681%	33.561	500.439	4,403.468	66,061.532
53	10,000.000	93.7150	80,465.000	13.4499%	13.3782%	628.500	9,371.500	5,031.968	75,433.032
54	2,000.000	93.7150	82,465.000	13.4499%	13.3800%	125.700	1,874.300	5,157.668	77,307.332
55	500.000	93.7150	82,965.000	13.4499%	13.3804%	31.425	468.575	5,189.093	77,775.907
56	1,000.000	93.7149	83,965.000	13.4501%	13.3812%	62.851	937.149	5,251.944	78,713.056
57	49.000	93.7149	84,014.000	13.4501%	13.3813%	3.080	45.920	5,255.024	78,758.976
58	10,000.000	93.7106	94,014.000	13.4599%	13.3896%	628.940	9,371.060	5,883.964	88,130.036
59	1,000.000	93.7106	95,014.000	13.4599%	13.3904%	62.894	937.106	5,946.858	89,067.142
60	700.000	93.7106	95,714.000	13.4599%	13.3909%	44.026	655.974	5,990.884	89,723.116
61	500.000	93.7070	96,214.000	13.4681%	13.3913%	31.465	468.535	6,022.349	90,191.651
62	1,000.000	93.7066	97,214.000	13.4690%	13.3921%	62.934	937.066	6,085.283	91,128.717
63	533.000	93.7064	97,747.000	13.4695%	13.3925%	33.545	499.455	6,118.828	91,628.172
64	1,000.000	93.7062	98,747.000	13.4700%	13.3933%	62.938	937.062	6,181.766	92,565.234
65	10,000.000	93.7019	108,747.000	13.4798%	13.4012%	629.810	9,370.190	6,811.576	101,935.424
66	2,500.000	93.7018	111,247.000	13.4800%	13.4030%	157.455	2,342.545	6,969.031	104,277.969
67	2,500.000	93.7018	113,747.000	13.4800%	13.4047%	157.455	2,342.545	7,126.486	106,620.514
68	1,000.000	93.7018	114,747.000	13.4800%	13.4054%	62.982	937.018	7,189.468	107,557.532
69	800.000	93.7018	115,547.000	13.4800%	13.4059%	50.386	749.614	7,239.853	108,307.147
70	700.000	93.7018	116,247.000	13.4800%	13.4063%	44.087	655.913	7,283.941	108,963.059
71	3,500.000	93.6980	119,747.000	13.4887%	13.4087%	220.570	3,279.430	7,504.511	112,242.489
72	534.000	93.6976	120,281.000	13.4896%	13.4091%	33.655	500.345	7,538.166	112,742.834
73	250.000	93.6975	120,531.000	13.4898%	13.4092%	15.756	234.244	7,553.922	112,977.078
74	5,000.000	93.6974	125,531.000	13.4901%	13.4125%	315.130	4,684.870	7,869.052	117,661.948
75	1,000.000	93.6974	126,531.000	13.4901%	13.4131%	63.026	936.974	7,932.078	118,598.922
76	600.000	93.6974	127,131.000	13.4901%	13.4134%	37.816	562.184	7,969.893	119,161.107
77	1,000.000	93.6935	128,131.000	13.4990%	13.4141%	63.065	936.935	8,032.958	120,098.042
78	10,000.000	93.6931	138,131.000	13.4999%	13.4203%	630.690	9,369.310	8,663.648	129,467.352
79	2,000.000	93.6931	140,131.000	13.4999%	13.4215%	126.138	1,873.862	8,789.786	131,341.214
80	100.000	93.6931	140,231.000	13.4999%	13.4215%	6.307	93.693	8,796.093	131,434.907
81	50.000	93.6931	140,281.000	13.4999%	13.4215%	3.153	46.847	8,799.247	131,481.753
82	10.000	93.6930	140,291.000	13.5001%	13.4215%	0.631	9.369	8,799.877	131,491.123
83	600.000	93.6755	140,891.000	13.5401%	13.4221%	37.947	562.053	8,837.824	132,053.176
84	2,000.000	93.6712	142,891.000	13.5499%	13.4238%	126.576	1,873.424	8,964.400	133,926.600
85	10,000.000	93.6652	152,891.000	13.5636%	13.4330%	633.480	9,366.520	9,597.880	143,293.120
86	5,000.000	93.6537	157,891.000	13.5899%	13.4380%	317.315	4,682.685	9,915.195	147,975.805
87	2,000.000	93.6493	159,891.000	13.6000%	13.4400%	127.014	1,872.986	10,042.209	149,848.791
88	2,500.000	93.6318	162,391.000	13.6400%	13.4431%	159.205	2,340.795	10,201.414	152,189.586
89	1,000.000	93.6275	163,391.000	13.6499%	13.4443%	63.725	936.275	10,265.139	153,125.861
90	5,000.000	93.6214	168,391.000	13.6638%	13.4508%	318.930	4,681.070	10,584.069	157,806.931
91	5,000.000	93.6100	173,391.000	13.6899%	13.4577%	319.500	4,680.500	10,903.569	162,487.431
92	10,000.000	93.6079	183,391.000	13.6947%	13.4707%	639.210	9,360.790	11,542.779	171,848.221
93	1,000.000	93.6056	184,391.000	13.7000%	13.4719%	63.944	936.056	11,606.723	172,784.277
94	2,500.000	93.5925	186,891.000	13.7300%	13.4754%	160.188	2,339.813	11,766.911	175,124.089

684th Auction of 06-Month Government of Pakistan Market Treasury Bill

Auction Date 13-Nov-24

Settlement Date 14-Nov-24

Maturity Date 15-May-25

6M

Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
95	5,000.000	93.5886	191,891.000	13.7389%	13.4822%	320.570	4,679.430	12,087.481	179,803.519
96	2,500.000	93.5881	194,391.000	13.7400%	13.4855%	160.298	2,339.703	12,247.778	182,143.222
97	1,000.000	93.5881	195,391.000	13.7400%	13.4868%	64.119	935.881	12,311.897	183,079.103
98	2,000.000	93.5840	197,391.000	13.7494%	13.4895%	128.320	1,871.680	12,440.217	184,950.783
99	1,000.000	93.5838	198,391.000	13.7499%	13.4908%	64.162	935.838	12,504.379	185,886.621
100	10,000.000	93.5837	208,391.000	13.7501%	13.5033%	641.630	9,358.370	13,146.009	195,244.991
101	10,000.000	93.5778	218,391.000	13.7636%	13.5152%	642.220	9,357.780	13,788.229	204,602.771
102	5,000.000	93.5663	223,391.000	13.7900%	13.5213%	321.685	4,678.315	14,109.914	209,281.086
103	1,000.000	93.5663	224,391.000	13.7900%	13.5225%	64.337	935.663	14,174.251	210,216.749
104	1,000.000	93.5620	225,391.000	13.7998%	13.5238%	64.380	935.620	14,238.631	211,152.369
105	2,500.000	93.5449	227,891.000	13.8390%	13.5272%	161.378	2,338.623	14,400.009	213,490.991
106	1,000.000	93.5445	228,891.000	13.8399%	13.5286%	64.555	935.445	14,464.564	214,426.436
107	1,000.000	93.5401	229,891.000	13.8500%	13.5300%	64.599	935.401	14,529.163	215,361.837
108	15,000.000	93.5341	244,891.000	13.8637%	13.5504%	969.885	14,030.115	15,499.048	229,391.952
109	5,000.000	93.5226	249,891.000	13.8901%	13.5572%	323.870	4,676.130	15,822.918	234,068.082
110	1,000.000	93.5226	250,891.000	13.8901%	13.5585%	64.774	935.226	15,887.692	235,003.308
111	10,000.000	93.5185	260,891.000	13.8995%	13.5716%	648.150	9,351.850	16,535.842	244,355.158
112	2,500.000	93.5013	263,391.000	13.9390%	13.5751%	162.468	2,337.533	16,698.309	246,692.691
113	1,000.000	93.5008	264,391.000	13.9401%	13.5765%	64.992	935.008	16,763.301	247,627.699
114	25,000.000	93.4905	289,391.000	13.9637%	13.6099%	1,627.375	23,372.625	18,390.676	271,000.324
115	15,000.000	93.4905	304,391.000	13.9637%	13.6274%	976.425	14,023.575	19,367.101	285,023.899
116	2,500.000	93.4839	306,891.000	13.9789%	13.6302%	162.903	2,337.098	19,530.004	287,360.996
117	2,500.000	93.4834	309,391.000	13.9800%	13.6331%	162.915	2,337.085	19,692.919	289,698.081
118	5,000.000	93.4791	314,391.000	13.9899%	13.6387%	326.045	4,673.955	20,018.964	294,372.036
119	1,000.000	93.4791	315,391.000	13.9899%	13.6398%	65.209	934.791	20,084.173	295,306.827
120	10,000.000	93.4750	325,391.000	13.9993%	13.6509%	652.500	9,347.500	20,736.673	304,654.327
121	25,000.000	93.4600	350,391.000	14.0337%	13.6782%	1,635.000	23,365.000	22,371.673	328,019.327
122	1,000.000	93.4573	351,391.000	14.0399%	13.6792%	65.427	934.573	22,437.100	328,953.900
123	1,000.000	93.4355	352,391.000	14.0900%	13.6804%	65.645	934.355	22,502.745	329,888.255
124	25,000.000	93.4165	377,391.000	14.1337%	13.7104%	1,645.875	23,354.125	24,148.620	353,242.380
Total	377,391.000					24,148.620	353,242.380		

684th Auction of 12-Month Government of Pakistan Market Treasury Bill

Auction Date 13-Nov-24

Settlement Date 14-Nov-24

Maturity Date 13-Nov-25

12M

Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
1	9.100	89.3119	9.100	12.0000%	12.0000%	0.973	8.127	0.973	8.127
2	1,140.000	88.8372	1,149.100	12.6000%	12.5952%	127.256	1,012.744	128.229	1,020.871
3	1,050.000	88.8372	2,199.100	12.6000%	12.5975%	117.209	932.791	245.438	1,953.662
4	730.000	88.8372	2,929.100	12.6000%	12.5981%	81.488	648.512	326.926	2,602.174
5	125.000	88.8372	3,054.100	12.6000%	12.5982%	13.954	111.047	340.880	2,713.220
6	100.000	88.8372	3,154.100	12.6000%	12.5982%	11.163	88.837	352.043	2,802.057
7	62.500	88.8372	3,216.600	12.6000%	12.5983%	6.977	55.523	359.019	2,857.581
8	1,000.000	88.7979	4,216.600	12.6499%	12.6105%	112.021	887.979	471.040	3,745.560
9	1,000.000	88.7586	5,216.600	12.6999%	12.6277%	112.414	887.586	583.454	4,633.146
10	1,000.000	88.7193	6,216.600	12.7500%	12.6473%	112.807	887.193	696.261	5,520.339
11	4,510.000	88.6801	10,726.600	12.7999%	12.7115%	510.527	3,999.473	1,206.789	9,519.811
12	500.000	88.6801	11,226.600	12.7999%	12.7154%	56.600	443.401	1,263.388	9,963.212
13	8.625	88.6801	11,235.225	12.7999%	12.7155%	0.976	7.649	1,264.365	9,970.860
14	5,888.000	88.6409	17,123.225	12.8499%	12.7617%	668.824	5,219.176	1,933.189	15,190.036
15	500.000	88.6253	17,623.225	12.8699%	12.7648%	56.874	443.127	1,990.062	15,633.163
16	500.000	88.6019	18,123.225	12.8997%	12.7685%	56.991	443.010	2,047.053	16,076.172
17	12,437.000	88.6017	30,560.225	12.9000%	12.8220%	1,417.607	11,019.393	3,464.659	27,095.566
18	500.000	88.5705	31,060.225	12.9399%	12.8239%	57.148	442.853	3,521.807	27,538.418
19	500.000	88.5701	31,560.225	12.9404%	12.8258%	57.150	442.851	3,578.956	27,981.269
20	25,000.000	88.5626	56,560.225	12.9500%	12.8807%	2,859.350	22,140.650	6,438.306	50,121.919
21	791.500	88.5626	57,351.725	12.9500%	12.8816%	90.527	700.973	6,528.833	50,822.892
22	5,000.000	88.5548	62,351.725	12.9599%	12.8879%	572.260	4,427.740	7,101.093	55,250.632
23	500.000	88.5472	62,851.725	12.9697%	12.8885%	57.264	442.736	7,158.357	55,693.368
24	500.000	88.5401	63,351.725	12.9787%	12.8893%	57.300	442.701	7,215.657	56,136.068
25	25,000.000	88.5313	88,351.725	12.9900%	12.9178%	2,867.175	22,132.825	10,082.832	78,268.893
26	15,000.000	88.5313	103,351.725	12.9900%	12.9282%	1,720.305	13,279.695	11,803.137	91,548.588
27	500.000	88.5313	103,851.725	12.9900%	12.9285%	57.344	442.657	11,860.480	91,991.245
28	350.000	88.5300	104,201.725	12.9917%	12.9288%	40.145	309.855	11,900.625	92,301.100
29	1,000.000	88.5238	105,201.725	12.9996%	12.9294%	114.762	885.238	12,015.387	93,186.338
30	1,200.000	88.5235	106,401.725	13.0000%	12.9302%	137.718	1,062.282	12,153.105	94,248.620
31	55.400	88.5235	106,457.125	13.0000%	12.9303%	6.358	49.042	12,159.463	94,297.662
32	17.190	88.5235	106,474.315	13.0000%	12.9303%	1.973	15.217	12,161.436	94,312.879
33	10.000	88.5235	106,484.315	13.0000%	12.9303%	1.148	8.852	12,162.584	94,321.731
34	25,000.000	88.5157	131,484.315	13.0100%	12.9454%	2,871.075	22,128.925	15,033.659	116,450.656
35	350.000	88.5100	131,834.315	13.0172%	12.9456%	40.215	309.785	15,073.874	116,760.441
36	100.000	88.5086	131,934.315	13.0190%	12.9457%	11.491	88.509	15,085.365	116,848.950
37	200.000	88.4930	132,134.315	13.0390%	12.9458%	23.014	176.986	15,108.379	117,025.936
38	1,000.000	88.4925	133,134.315	13.0397%	12.9465%	115.075	884.925	15,223.454	117,910.861
39	25,000.000	88.4922	158,134.315	13.0400%	12.9613%	2,876.950	22,123.050	18,100.404	140,033.911
40	15,000.000	88.4922	173,134.315	13.0400%	12.9681%	1,726.170	13,273.830	19,826.574	153,307.741
41	500.000	88.4922	173,634.315	13.0400%	12.9683%	57.539	442.461	19,884.113	153,750.202
42	500.000	88.4901	174,134.315	13.0427%	12.9685%	57.550	442.451	19,941.662	154,192.653
43	500.000	88.4860	174,634.315	13.0480%	12.9688%	57.570	442.430	19,999.232	154,635.083
44	8,000.000	88.4849	182,634.315	13.0494%	12.9723%	921.208	7,078.792	20,920.440	161,713.875
45	2,500.000	88.4844	185,134.315	13.0500%	12.9734%	287.890	2,212.110	21,208.330	163,925.985
46	10.000	88.4844	185,144.315	13.0500%	12.9734%	1.152	8.848	21,209.482	163,934.833
47	2,000.000	88.4780	187,144.315	13.0582%	12.9743%	230.440	1,769.560	21,439.922	165,704.393

684th Auction of 12-Month Government of Pakistan Market Treasury Bill

Auction Date 13-Nov-24

Settlement Date 14-Nov-24

Maturity Date 13-Nov-25

12M

Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
48	5,000.000	88.4767	192,144.315	13.0599%	12.9765%	576.165	4,423.835	22,016.087	170,128.228
49	500.000	88.4690	192,644.315	13.0698%	12.9767%	57.655	442.345	22,073.742	170,570.573
50	200.000	88.4618	192,844.315	13.0790%	12.9768%	23.076	176.924	22,096.818	170,747.497
51	1,000.000	88.4610	193,844.315	13.0800%	12.9774%	115.390	884.610	22,212.208	171,632.107
52	1,000.000	88.4601	194,844.315	13.0812%	12.9779%	115.399	884.601	22,327.607	172,516.708
53	3,000.000	88.4581	197,844.315	13.0837%	12.9795%	346.257	2,653.743	22,673.864	175,170.451
54	3,000.000	88.4553	200,844.315	13.0873%	12.9811%	346.341	2,653.659	23,020.205	177,824.110
55	2,000.000	88.4553	202,844.315	13.0873%	12.9822%	230.894	1,769.106	23,251.099	179,593.216
56	5,000.000	88.4533	207,844.315	13.0899%	12.9848%	577.335	4,422.665	23,828.434	184,015.881
57	25,000.000	88.4532	232,844.315	13.0900%	12.9961%	2,886.700	22,113.300	26,715.134	206,129.181
58	5,000.000	88.4532	237,844.315	13.0900%	12.9980%	577.340	4,422.660	27,292.474	210,551.841
59	2,500.000	88.4532	240,344.315	13.0900%	12.9990%	288.670	2,211.330	27,581.144	212,763.171
60	500.000	88.4532	240,844.315	13.0900%	12.9992%	57.734	442.266	27,638.878	213,205.437
61	2,000.000	88.4462	242,844.315	13.0990%	13.0000%	231.076	1,768.924	27,869.954	214,974.361
62	500.000	88.4456	243,344.315	13.0997%	13.0002%	57.772	442.228	27,927.726	215,416.589
63	3,000.000	88.4185	246,344.315	13.1345%	13.0018%	347.445	2,652.555	28,275.171	218,069.144
64	3,000.000	88.4103	249,344.315	13.1450%	13.0036%	347.691	2,652.309	28,622.862	220,721.453
65	5,000.000	88.3801	254,344.315	13.1838%	13.0071%	580.995	4,419.005	29,203.857	225,140.458
66	10,000.000	88.3753	264,344.315	13.1899%	13.0140%	1,162.470	8,837.530	30,366.327	233,977.988
67	2,500.000	88.3752	266,844.315	13.1901%	13.0157%	290.620	2,209.380	30,656.947	236,187.368
68	500.000	88.3752	267,344.315	13.1901%	13.0160%	58.124	441.876	30,715.071	236,629.244
69	1,703.500	88.3675	269,047.815	13.1999%	13.0172%	198.160	1,505.340	30,913.231	238,134.584
70	983.000	88.3675	270,030.815	13.1999%	13.0178%	114.347	868.653	31,027.579	239,003.236
71	250.000	88.3441	270,280.815	13.2300%	13.0180%	29.140	220.860	31,056.718	239,224.097
72	6,000.000	88.3412	276,280.815	13.2337%	13.0227%	699.528	5,300.472	31,756.246	244,524.569
73	10,000.000	88.3363	286,280.815	13.2400%	13.0303%	1,166.370	8,833.630	32,922.616	253,358.199
74	2,500.000	88.3363	288,780.815	13.2400%	13.0321%	291.593	2,208.408	33,214.209	255,566.606
75	500.000	88.3363	289,280.815	13.2400%	13.0325%	58.319	441.682	33,272.527	256,008.288
76	5,000.000	88.3023	294,280.815	13.2837%	13.0367%	584.885	4,415.115	33,857.412	260,423.403
77	2,500.000	88.2974	296,780.815	13.2900%	13.0389%	292.565	2,207.435	34,149.977	262,630.838
78	2,000.000	88.2974	298,780.815	13.2900%	13.0406%	234.052	1,765.948	34,384.029	264,396.786
79	10,000.000	88.2943	308,780.815	13.2940%	13.0488%	1,170.570	8,829.430	35,554.599	273,226.216
80	3,000.000	88.2896	311,780.815	13.3001%	13.0512%	351.312	2,648.688	35,905.911	275,874.904
81	5,000.000	88.2741	316,780.815	13.3200%	13.0554%	586.295	4,413.705	36,492.206	280,288.609
82	250.000	88.2663	317,030.815	13.3300%	13.0556%	29.334	220.666	36,521.541	280,509.274
83	5,000.000	88.2635	322,030.815	13.3336%	13.0600%	586.825	4,413.175	37,108.366	284,922.449
84	5,000.000	88.2246	327,030.815	13.3837%	13.0649%	588.770	4,411.230	37,697.136	289,333.679
85	2,500.000	88.2198	329,530.815	13.3899%	13.0674%	294.505	2,205.495	37,991.641	291,539.174
86	5,000.000	88.2197	334,530.815	13.3901%	13.0722%	589.015	4,410.985	38,580.656	295,950.159
87	250.000	88.2197	334,780.815	13.3901%	13.0724%	29.451	220.549	38,610.106	296,170.709
88	2,000.000	88.2122	336,780.815	13.3997%	13.0744%	235.756	1,764.244	38,845.862	297,934.953
89	2,500.000	88.2120	339,280.815	13.4000%	13.0768%	294.700	2,205.300	39,140.562	300,140.253
90	10,000.000	88.1936	349,280.815	13.4237%	13.0867%	1,180.640	8,819.360	40,321.202	308,959.613
91	2,500.000	88.1887	351,780.815	13.4300%	13.0891%	295.283	2,204.718	40,616.485	311,164.330
92	2,500.000	88.1500	354,280.815	13.4799%	13.0919%	296.250	2,203.750	40,912.735	313,368.080
93	25,000.000	88.1471	379,280.815	13.4837%	13.1177%	2,963.225	22,036.775	43,875.960	335,404.855
94	25,000.000	88.1422	404,280.815	13.4900%	13.1408%	2,964.450	22,035.550	46,840.410	357,440.405

684th Auction of 12-Month Government of Pakistan Market Treasury Bill

Auction Date 13-Nov-24

Settlement Date 14-Nov-24

Maturity Date 13-Nov-25

12M

Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
95	5,000.000	88.1422	409,280.815	13.4900%	13.1450%	592.890	4,407.110	47,433.300	361,847.515
96	5,000.000	88.1422	414,280.815	13.4900%	13.1492%	592.890	4,407.110	48,026.190	366,254.625
97	2,500.000	88.1422	416,780.815	13.4900%	13.1512%	296.445	2,203.555	48,322.635	368,458.180
98	2,000.000	88.1422	418,780.815	13.4900%	13.1528%	237.156	1,762.844	48,559.791	370,221.024
99	250.000	88.1422	419,030.815	13.4900%	13.1530%	29.645	220.356	48,589.435	370,441.380
100	10,000.000	88.1383	429,030.815	13.4950%	13.1610%	1,186.170	8,813.830	49,775.605	379,255.210
101	10,000.000	88.1345	439,030.815	13.4999%	13.1687%	1,186.550	8,813.450	50,962.155	388,068.660
102	5,000.000	88.1345	444,030.815	13.4999%	13.1725%	593.275	4,406.725	51,555.430	392,475.385
103	2,500.000	88.1112	446,530.815	13.5300%	13.1745%	297.220	2,202.780	51,852.650	394,678.165
104	15,000.000	88.1083	461,530.815	13.5338%	13.1861%	1,783.755	13,216.245	53,636.405	407,894.410
105	2,500.000	88.0725	464,030.815	13.5800%	13.1883%	298.188	2,201.813	53,934.593	410,096.222
106	15,000.000	88.0697	479,030.815	13.5836%	13.2006%	1,789.545	13,210.455	55,724.138	423,306.677
107	5,000.000	88.0648	484,030.815	13.5900%	13.2047%	596.760	4,403.240	56,320.898	427,709.917
108	2,500.000	88.0261	486,530.815	13.6400%	13.2069%	299.348	2,200.653	56,620.245	429,910.570
109	2,000.000	88.0261	488,530.815	13.6400%	13.2087%	239.478	1,760.522	56,859.723	431,671.092
110	2,500.000	87.9952	491,030.815	13.6800%	13.2111%	300.120	2,199.880	57,159.843	433,870.972
111	5,000.000	87.9875	496,030.815	13.6900%	13.2159%	600.625	4,399.375	57,760.468	438,270.347
112	2,000.000	87.9875	498,030.815	13.6900%	13.2178%	240.250	1,759.750	58,000.718	440,030.097
113	2,500.000	87.9567	500,530.815	13.7299%	13.2204%	301.083	2,198.918	58,301.801	442,229.014
114	2,000.000	87.9489	502,530.815	13.7400%	13.2224%	241.022	1,758.978	58,542.823	443,987.992
115	5,000.000	87.9104	507,530.815	13.7900%	13.2280%	604.480	4,395.520	59,147.303	448,383.512
116	2,000.000	87.9104	509,530.815	13.7900%	13.2302%	241.792	1,758.208	59,389.095	450,141.720
117	2,000.000	87.8719	511,530.815	13.8399%	13.2326%	242.562	1,757.438	59,631.657	451,899.158
118	5,000.000	87.8334	516,530.815	13.8900%	13.2390%	608.330	4,391.670	60,239.987	456,290.828
119	1,500.000	87.8334	518,030.815	13.8900%	13.2409%	182.499	1,317.501	60,422.486	457,608.329
120	1,000.000	87.7949	519,030.815	13.9400%	13.2422%	122.051	877.949	60,544.537	458,486.278
121	5,000.000	87.7565	524,030.815	13.9900%	13.2493%	612.175	4,387.825	61,156.712	462,874.103
122	10,000.000	87.7490	534,030.815	13.9998%	13.2634%	1,225.100	8,774.900	62,381.812	471,649.003
123	100,000.000	87.3776	634,030.815	14.4855%	13.4561%	12,622.400	87,377.600	75,004.212	559,026.603
124	10,000.000	87.3670	644,030.815	14.4994%	13.4723%	1,263.300	8,736.700	76,267.512	567,763.303
Total	644,030.815					76,267.512	567,763.303		