

Table 1: Revenue Net Short Calculation as of November 2013
 Net Short Calculation Using RSE Based Retail Sales Forecast in Near Term (2013 - 2017) and LTP Methodology (2018 - 2033) **

Line #	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	14,885	14,501	17,441	22,011	23,748	24,705	25,307	23,775	22,775	21,457	20,371	20,048	19,782	19,564	19,043	18,805	18,665	17,989			
3	(140)	(720)	(740)	(740)	(740)	(740)	(740)	(740)	(740)	(740)	(740)	(740)	(740)	(740)	(740)	(740)	(740)	(740)	(740)	(740)	(740)
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
12	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Current Expected Need Scenario (Current Rate)

Line #	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	46,767	46,767	69,805	69,805	69,805	69,805	69,805	69,805	69,805	69,805	69,805	69,805	69,805	69,805	69,805	69,805	69,805	69,805	69,805	69,805
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
24	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

** Assumptions: targets are 2011-2013, 2014-2015, 2016-2017, 2018-2019, 2020-2021, 2022-2023, 2024-2025, 2026-2027, 2028-2029, 2030-2033. The 2011-2013 targets are based on the 2011-2013 forecast. The 2014-2015 targets are based on the 2014-2015 forecast. The 2016-2017 targets are based on the 2016-2017 forecast. The 2018-2019 targets are based on the 2018-2019 forecast. The 2020-2021 targets are based on the 2020-2021 forecast. The 2022-2023 targets are based on the 2022-2023 forecast. The 2024-2025 targets are based on the 2024-2025 forecast. The 2026-2027 targets are based on the 2026-2027 forecast. The 2028-2029 targets are based on the 2028-2029 forecast. The 2030-2033 targets are based on the 2030-2033 forecast.

*** The 2011-2013 targets are based on the 2011-2013 forecast. The 2014-2015 targets are based on the 2014-2015 forecast. The 2016-2017 targets are based on the 2016-2017 forecast. The 2018-2019 targets are based on the 2018-2019 forecast. The 2020-2021 targets are based on the 2020-2021 forecast. The 2022-2023 targets are based on the 2022-2023 forecast. The 2024-2025 targets are based on the 2024-2025 forecast. The 2026-2027 targets are based on the 2026-2027 forecast. The 2028-2029 targets are based on the 2028-2029 forecast. The 2030-2033 targets are based on the 2030-2033 forecast.

Table 2: Alternative Revenue Net Short Calculations of November 2013

Net Short Calculations Using RBE Based Retail Sales Forecast

Line #		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
1	RBE Target	20.0%	20.0%	20.0%	21.7%	23.3%	25.0%	27%	29%	31%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%
2	Margin of Der-Forecast	(GM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Average Values (GM)	14,633	14,511	17,424	22,017	28,718	41,076	55,377	74,233	101,773	141,233	201,704	277,074	371,208	490,664	638,782	819,008	1,041,908	1,318,708	1,659,008	2,081,908	2,599,008
4	Annual Resiliency (%)	19.8%	19.7%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%
5	Gross Short/(Short)	(GM)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)
6	Non-Bankable Values (GM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Values (Baked) or With draw from Bank (GM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Net Short/(Short)	(GM)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)
9	Net Annual Resiliency (%) with Use of Bank	19.8%	19.7%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%
10	Out of Banked Values (GM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Forecast Failure Rate (%) for New Requests	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
12	Forecast Failure Rate (%) for Existing Generation	0.0%	0.0%	0.0%	0.1%	0.7%	0.5%	0.5%	0.4%	0.4%	0.3%	0.1%	0.0%	0.0%	0.1%	0.7%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

Current Expected Need Scenario (Current Scenario)

Line #		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
13	Current Expected Need Scenario (Current Scenario)	20.0%	20.0%	20.0%	21.7%	23.3%	25.0%	27%	29%	31%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%
14	Margin of Der-Forecast	(GM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Average Values (GM)	46,787	46,787	58,000	76,000	101,000	135,000	183,000	250,000	338,000	455,000	615,000	825,000	1,100,000	1,450,000	1,900,000	2,480,000	3,250,000	4,300,000	5,650,000	7,350,000	9,550,000
16	Annual Resiliency (%)	19.8%	19.7%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%
17	Gross Short/(Short)	(GM)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)
18	Non-Bankable Values (GM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Values (Baked) or With draw from Bank (GM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Net Short/(Short)	(GM)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)
21	Net Annual Resiliency (%) with Use of Bank	19.8%	19.7%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%	19.8%
22	Out of Banked Values (GM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Forecast Failure Rate (%) for New Requests	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
24	Forecast Failure Rate (%) for Existing Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Net Annual Resiliency (%) with Use of Bank

Assumptions: 2011-2013 (20.0%), 2014 (21.7%), 2015 (23.3%), 2016 (25.0%), 2017 (27%), 2018 (29%), 2019 (31%), 2020 (33%), 2021 (33%), 2022 (33%), 2023 (33%), 2024 (33%), 2025 (33%), 2026 (33%), 2027 (33%), 2028 (33%), 2029 (33%), 2030 (33%)

Forecast Failure Rate (%) for New Requests: 0.0% (2011-2013), 0.1% (2014), 0.7% (2015), 0.5% (2016-2018), 0.4% (2019-2021), 0.3% (2022-2024), 0.1% (2025-2027), 0.0% (2028-2030)

Forecast Failure Rate (%) for Existing Generation: 0.0% (2011-2013), 0.1% (2014), 0.7% (2015), 0.5% (2016-2018), 0.4% (2019-2021), 0.3% (2022-2024), 0.1% (2025-2027), 0.0% (2028-2030)