

Table 2: Alternative Revenue Net Short Calculations of November 2013

Net Short Calculations Using RBE Based Retail Sales Forecast

Line #		Z01	Z02	Z03	Z04	Z05	Z06	Z07	Z08	Z09	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20
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%
2	Margin of Over-Forecast	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Aggregate Values (GM)	14,633	14,511	17,424	17,424	23,718	24,076	25,377	24,233	23,773	23,167	22,704	21,371	21,008	19,008	18,760	18,008	17,985	18,760	187,985	17,985
4	Annual Residual (%)	13.8%	13.7%	16.2%	16.2%	22.1%	22.5%	23.8%	22.8%	22.3%	21.8%	20.9%	20.3%	19.8%	18.0%	17.8%	17.1%	17.1%	18.0%	20.9%	17.1%
5	Gross Shipments (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
7	Values (Banked) or Withdrawn from Bank (GM)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)
8	Net Annual Residuals (%) with Use of Bank	13.8%	13.7%	16.2%	16.2%	22.1%	22.5%	23.8%	22.8%	22.3%	21.8%	20.9%	20.3%	19.8%	18.0%	17.8%	17.1%	17.1%	18.0%	20.9%	17.1%
9	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
10	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%
11	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%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

Current Expected Need Scenario (Current Retail)

Line #		Z01	Z02	Z03	Z04	Z05	Z06	Z07	Z08	Z09	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20
13	Aggregate Retail Requirement	20.0%	20.0%	20.0%	23.3%	25.0%	27%	29%	31%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%
14	Margin of Over-Forecast	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Aggregate Values (GM)	46,787	46,787	63,805	63,805	81,805	81,805	81,805	81,805	81,805	81,805	81,805	81,805	81,805	81,805	81,805	81,805	81,805	81,805	81,805	81,805
16	Annual Residual (%)	13.8%	13.7%	16.2%	16.2%	22.1%	22.5%	23.8%	22.8%	22.3%	21.8%	20.9%	20.3%	19.8%	18.0%	17.8%	17.1%	17.1%	18.0%	20.9%	17.1%
17	Gross Shipments (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
19	Values (Banked) or Withdrawn from Bank (GM)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(14)
20	Net Annual Residuals (%)	13.8%	13.7%	16.2%	16.2%	22.1%	22.5%	23.8%	22.8%	22.3%	21.8%	20.9%	20.3%	19.8%	18.0%	17.8%	17.1%	17.1%	18.0%	20.9%	17.1%
21	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
22	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%
23	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%

Net Annual Residuals (%)

Aggregate Retail Requirement are calculated using the following formula: $\text{Aggregate Retail Requirement} = \text{Aggregate Values} \times \text{Annual Residual}$

Aggregate Values are calculated using the following formula: $\text{Aggregate Values} = \text{Gross Shipments} - \text{Non-Bankable Values} - \text{Values (Banked) or Withdrawn from Bank}$

Annual Residuals are calculated using the following formula: $\text{Annual Residual} = \frac{\text{Aggregate Values} - \text{Out of Banked Values}}{\text{Aggregate Values}}$

Forecast Failure Rates are calculated using the following formula: $\text{Forecast Failure Rate} = \frac{\text{Out of Banked Values}}{\text{Aggregate Values}}$