AUSTRALIAN ENERGY REGULATOR

SA Power Networks
STPIS data reporting
S-Factor calculation

				LAST Regulatory Control Period 2010-15				CURRENT Regulatory Control Period 2015-19				
		Year t-2 (actual)	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
S-factors		LAST Regulatory Control Period 2010-15				CURRENT Regulatory Control Period 2015-19				NEXT		
Regulatory tariff year		Year t	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Parameter												
Unplanned SAIDI - CBD				0.142%	0.133%	0.167%	0.149%	0.031%	-0.011%	-0.090%	-0.003%	-0.062%
Unplanned SAIDI - urban				0.580%	-0.267%	-1.247%	0.544%	0.863%	0.399%	0.927%	0.816%	1.342%
Unplanned SAIDI - short rural				-0.109%	-0.149%	-0.122%	0.384%	0.394%	0.011%	0.532%	0.350%	0.604%
Unplanned SAIDI - long rural				0.414%	0.331%	-0.505%	0.365%	0.161%	0.343%	0.306%	-0.153%	0.369%
Unplanned SAIFI - CBD				0.103%	0.088%	0.124%	0.094%	0.028%	0.005%	-0.070%	0.007%	-0.014%
Unplanned SAIFI - urban				0.670%	0.256%	-0.051%	1.080%	1.065%	0.803%	0.994%	1.366%	1.946%
Unplanned SAIFI - short rural				-0.065%	0.098%	0.151%	0.594%	0.409%	0.199%	0.666%	0.429%	0.692%
Unplanned SAIFI - long rural				0.732%	1.003%	0.221%	1.043%	0.395%	0.724%	0.662%	0.417%	0.856%
Telephone answering parameter	equation (5B)			0.012%	0.036%	0.012%	0.108%	0.272%	0.454%	0.478%	0.500%	0.500%
sum of the raw s-factors for the relaibility of supply parameters	equation (5A)			2.467%	1.494%	-1.262%	4.253%	3.344%	2.472%	3.926%	3.231%	4.500%
sum of the s-factors for the customer service parameters	equation (4B)			0.012%	0.036%	0.012%	0.108%	0.272%	0.454%	0.478%	0.500%	0.500%
sum of the s-factors for all parameters	equation (4A)			2.4790%	1.5298%	-1.2500%	3.0000%	3.6160%	2.9266%	4.405%	3.731%	5.000%
S-bank mechanism												
S-factor after banking	equation (3)			2.287%	1.530%	0.000%	1.750%	3.616%	2.927%	4.405%	3.731%	5.000%
S-factor after correcting for Xo				2.287%	1.530%	0.000%	2.237%	3.616%	2.927%	4.405%	4.221%	5.656%
S-factor applied to revenues or prices	equation (2)			2.287%	-0.740%	**0.000%**	2.237%	1.349%	-0.665%	1.436%	**4.221%**	1.378%
S-Bank												
Regulatory tariff year			2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Proposed S-Bank			-0.192%	0.000%	0.000%	-1.250%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%