

Inputs

FY08 = year ended 31 March 2008	Current Period						Next Period					
	FY08	FY09	FY10	FY11a	FY11b	FY12	Assessment Period		CPP Period			
							FY13	FY14	FY15	FY16	FY17	FY18

Clawback period

Proportion of 2011 pre-clawback period (1 April -31 August)

BBAR

TFVCA	1.0429	1.0429	1.0429	1.0429	1.0437	1.0433	1.0278	1.0308	1.0334	1.0340	1.0340
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Tax

Corporate Tax Rate	30%	30%	30%	28%	28%	28%	28%	28%	28%	28%	28%
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Opening tax losses

Initial opening tax losses

Deferred tax

Opening deferred tax

Positive temporary differences	3,507,766	3,617,379	5,064,331	4,788,205	5,061,642	5,937,625	4,936,778	5,043,794	5,153,124	5,264,823	5,378,943
Negative temporary differences	9,671,615	3,557,396	4,980,354	11,617,175	9,618,823	10,260,785	10,743,501	13,171,098	11,803,427	12,089,513	12,367,949
Cost allocation adjustment	-	-	-	-	-	-	-	-	-	-	-

Permanent differences

Positive permanent differences	406,492	174,022	243,630	5,404,402	753,987	6,896,748	129,097	131,896	134,755	137,676	140,660
Negative permanent differences	1,985,604	196,798	275,518	22,677,619	3,679,921	81,449	83,214	85,018	86,861	88,744	90,667
Discretionary discounts and customer rebates	-	-	-	-	-	-	-	-	-	-	-

Notional deductible interest

Leverage (debt capital / total capital)	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
Cost of debt	7.93%	0.03	0.05	7.93%	7.93%	7.93%	5.89%	5.89%	5.89%	5.89%	5.89%
RAB proportionate investment	16,575,807	3,595,191	12,880,208	23,674,618	39,232,565	45,806,577	37,614,253	44,627,499	34,360,036	38,395,345	29,801,919

Term credit spread differential allowance

Term credit spread differential allowance	-	-	-	-	-	-	-	-	-	-	-
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Amortisation of opening assets

Weighted average remaining useful life of relevant assets

Amortisation of acquired assets

Initial RAB value (opening 2010) of acquired assets	3,933,396	3,063,774	15,634,137	7,184,250	3,221,742
Regulatory tax asset value (opening 2010) of acquired assets	3,933,396	2,322,253	14,892,536	6,174,043	1,978,873
Opening weighted average remaining useful life of acquired assets	18.4	26.9	28.7	28.7	19.6

Amortisation of disposed assets

Initial RAB value (opening 2010) of disposed assets	14,588,855
Regulatory tax asset value (opening 2010) of disposed assets	9,135,519
Opening weighted average remaining useful life of disposed assets as at 2010	39.5
Weighted average period of year preceding disposal	0.50

Adjusted depreciation of acquired assets from 1/04/10 to acquisition date	612,693	548,470	3,065,259	3,382,907	3,276,105
Tax depreciation of acquired assets from 1/04/10 to acquisition date	471,841	852,274	7,338,311	6,579,178	2,503,617

Tax Asset Values

Total regulatory tax asset value of opening assets

Tax depreciation	27,794,537	12,067,151	16,894,011	28,088,892	27,380,928	30,895,005	36,160,055	39,503,208	42,395,318	43,112,804	45,367,806
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Inputs

FY08 = year ended 31 March 2008	Current Period						Next Period						
	FY08	FY09	FY10	FY11a	FY11b	FY12	Assessment Period		CPP Period				
							FY13	FY14	FY15	FY16	FY17	FY18	FY19

Forecast Operating Expenditure

Proportion of FY11 opex pre 1 September							0.3428						
Forecast operating expenditure	37,738,257	16,319,053	31,290,284	54,318,644	54,640,000	58,753,270	61,205,257	65,241,574	64,884,398	66,419,108	69,852,241		

RAB

Total opening RAB value	774,919,126	794,910,798	794,910,798	816,256,993	844,085,104	902,912,081	973,436,892	1,054,457,676	1,140,168,468	1,197,062,583	1,259,944,644
Total depreciation	29,014,195	12,840,611	17,976,855	32,347,954	33,480,088	35,886,057	33,534,973	35,719,075	37,641,170	39,755,962	42,825,846
Adjusted depreciation	29,014,195	12,571,989	17,600,785	30,901,915	31,587,334	33,428,924	30,749,708	32,100,002	33,173,497	34,351,152	36,296,002
Total revaluation	15,854,254	8,005,360	11,207,504	12,826,828	15,207,367	15,678,059	22,543,197	22,755,434	24,617,564	25,847,333	27,122,874

Commissioned Assets

Total value of commissioned assets	33,151,614	7,190,381	25,760,416	47,349,236	77,099,698	106,397,806	92,012,852	98,674,433	69,917,720	76,790,690	59,603,839
Total value of disposed assets	-	-	-	-	-	15,664,996	-	-	-	-	-

Timing factors

TF factor	0.50
TF _{REV} factor	0.41

Cost of Capital (75th percentile estimate of WACC)

CPP WACC	6.92%
DPP WACC	8.77%
CPP Variation WACC	

Discount rate for MAR calculation

Discount rate (CPP WACC)	6.92%
Discount rate (DPP WACC)	8.77%
Discount rate (CPP cost of debt)	5.89%
Discount rate (DPP cost of debt)	7.93%

Other regulated income

Other regulated income	725,000	201,250	281,750	23,453,000	7,357,000	-	6,944,891	822,560	840,393	858,613	877,228	896,247
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Weighted Average Growth in Quantities

Weighted average growth in quantities								0.81%	0.79%	0.80%	0.85%	0.76%
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Inflation

Inflation			2.91%	3.29%	1.42%	1.91%	2.17%	2.17%	2.17%	2.17%	2.17%
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Actual revenue

Actual revenue (2011 figure is from 5 September)	62,044,000	74,111,000	124,988,000	136,363,000	139,113,286
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Regulatory tax

FY08 = year ended 31 March 2008	Current Period (\$)						Next Period (\$)					
	FY08	FY09	FY10	FY11a	FY11b	FY12	Assessment Period		CPP Period			
							FY13	FY14	FY15	FY16	FY17	FY18
IM Reference	Regulatory Tax Allowance											
	Regulatory profit/(loss) before tax	66,987,115	26,681,527	38,300,722	67,712,684	74,425,933	85,148,071	57,901,745	64,478,458	67,782,606	70,797,416	73,238,074
	Permanent differences	(1,579,112)	(22,777)	(31,887)	(17,273,217)	(2,925,933)	6,815,299	45,883	46,878	47,894	48,932	49,992
5.3.13(3)	Regulatory tax adjustments	(11,862,369)	(4,685,684)	(6,748,942)	(11,738,996)	(12,612,955)	(14,174,579)	(7,110,621)	(8,305,395)	(9,125,396)	(9,476,754)	(9,531,140)
	Regulatory taxable income	53,545,634	21,973,066	31,519,893	38,700,472	58,887,046	77,788,791	50,837,006	56,219,940	58,705,104	61,369,594	63,756,926
	Utilised tax losses	-	-	-	-	-	-	-	-	-	-	-
5.3.13(2)	Regulatory net taxable income	53,545,634	21,973,066	31,519,893	38,700,472	58,887,046	77,788,791	50,837,006	56,219,940	58,705,104	61,369,594	63,756,926
	Corporate tax rate	30%	30%	30%	28%	28%	28%	28%	28%	28%	28%	28%
5.3.13(1)	Forecast regulatory tax allowance	16,063,690	6,591,920	9,455,968	10,836,132	16,488,373	21,780,862	14,234,362	15,741,583	16,437,429	17,183,486	17,851,939
	Tax Losses											
	Regulatory taxable income	53,545,634	21,973,066	31,519,893	38,700,472	58,887,046	77,788,791	50,837,006	56,219,940	58,705,104	61,369,594	63,756,926
5.3.14(3)	Opening tax losses	-	-	-	-	-	-	-	-	-	-	-
5.3.14(6)	Current period tax losses	-	-	-	-	-	-	-	-	-	-	-
5.3.14(1)	Utilised tax losses	-	-	-	-	-	-	-	-	-	-	-
5.3.14(5)	Closing tax losses	-	-	-	-	-	-	-	-	-	-	-
	Permanent Differences											
	Positive permanent differences	406,492	174,022	243,630	5,404,402	753,987	6,896,748	129,097	131,896	134,755	137,676	140,660
	Discretionary discounts and customer rebates	-	-	-	-	-	-	-	-	-	-	-
	Negative permanent differences	1,985,604	196,798	275,518	22,677,619	3,679,921	81,449	83,214	85,018	86,861	88,744	90,667
5.3.15(1)	Permanent Differences	(1,579,112)	(22,777)	(31,887)	(17,273,217)	(2,925,933)	6,815,299	45,883	46,878	47,894	48,932	49,992
	Regulatory Tax Adjustments											
	Amortisation of initial differences in asset values	15,754,472	6,564,363	9,190,109	15,754,472	15,754,472	15,754,472	15,643,820	15,669,680	15,704,883	15,768,224	15,768,224
	Amortisation of revaluations	-	268,621	376,070	1,446,039	1,892,754	2,457,133	2,785,265	3,619,072	4,467,673	5,404,810	6,529,844
	Notional deductible interest	27,616,841	11,518,669	16,315,121	28,939,507	30,260,181	32,386,184	25,539,706	27,594,147	29,297,951	30,649,789	31,829,209
5.3.16(1)	Regulatory Tax Adjustments	(11,862,369)	(4,685,684)	(6,748,942)	(11,738,996)	(12,612,955)	(14,174,579)	(7,110,621)	(8,305,395)	(9,125,396)	(9,476,754)	(9,531,140)
	Notional Deductible Interest											
	Regulatory investment value	774,919,126	788,701,199	805,727,725	828,020,118	882,377,064	947,866,000	1,020,125,834	1,096,136,620	1,144,263,584	1,198,366,367	
	RAB proportionate investment	16,575,807	3,595,191	12,880,208	23,674,618	39,232,565	45,806,577	37,614,253	44,627,499	34,360,036	38,395,345	29,801,919
	Leverage	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
	Cost of debt	7.93%	3.30%	4.63%	7.93%	7.93%	7.93%	5.89%	5.89%	5.89%	5.89%	5.89%
	Term credit spread differential allowance	-	-	-	-	-	-	-	-	-	-	-
5.3.16(2)	Notional deductible interest	27,616,841	11,518,669	16,315,121	28,939,507	30,260,181	32,386,184	25,539,706	27,594,147	29,297,951	30,649,789	31,829,209

Regulatory tax

FY08 = year ended 31 March 2008	Current Period (\$)						Next Period (\$)					
	FY08	FY09	FY10	FY11a	FY11b	FY12	Assessment Period		CPP Period			
							FY13	FY14	FY15	FY16	FY17	FY18
Amortisation of revaluations												
Total depreciation	29,014,195	12,840,611	17,976,855	32,347,954	33,480,088	35,886,057	33,534,973	35,719,075	37,641,170	39,755,962	42,825,846	
Adjusted depreciation	29,014,195	12,571,989	17,600,785	30,901,915	31,587,334	33,428,924	30,749,708	32,100,002	33,173,497	34,351,152	36,296,002	
5.3.18 Amortisation of revaluations	-	268,621	376,070	1,446,039	1,892,754	2,457,133	2,785,265	3,619,072	4,467,673	5,404,810	6,529,844	
Deferred Tax												
5.3.19(1) Opening deferred tax	-	(6,209,599)	(8,009,461)	(10,529,269)	(16,064,986)	(20,535,017)	(25,570,892)	(34,331,842)	(44,031,848)	(52,798,999)	(61,578,277)	
Tax effect of temporary differences	(1,483,257)	169,447	237,225	(1,124,465)	(98,217)	(500,987)	(3,140,780)	(4,348,543)	(4,444,195)	(4,364,176)	(4,497,027)	
Tax effect of amortisation of initial differences in asset values	4,726,342	1,969,309	2,757,033	4,411,252	4,411,252	4,411,252	4,380,269	4,387,510	4,397,367	4,415,103	4,415,103	
Deferred tax balance relating to assets acquired in the disclosure year	-	-	-	-	39,439	(123,636)	(1,239,900)	(963,953)	74,411	-	-	
Cost allocation adjustment	-	-	-	-	-	-	-	-	-	-	-	
5.3.19(2) Closing deferred tax	(6,209,599)	(8,009,461)	(10,529,269)	(16,064,986)	(20,535,017)	(25,570,892)	(34,331,842)	(44,031,848)	(52,798,999)	(61,578,277)	(70,490,407)	
Temporary differences												
Adjusted depreciation	29,014,195	12,571,989	17,600,785	30,901,915	31,587,334	33,428,924	30,749,708	32,100,002	33,173,497	34,351,152	36,296,002	
Tax depreciation	27,794,537	12,067,151	16,894,011	28,088,892	27,380,928	30,895,005	36,160,055	39,503,208	42,395,318	43,112,804	45,367,806	
5.3.20(2) Depreciation temporary differences	1,219,658	504,838	706,774	2,813,023	4,206,406	2,533,919	(5,410,347)	(7,403,205)	(9,221,821)	(8,761,652)	(9,071,805)	
Positive temporary differences	3,507,766	3,617,379	5,064,331	4,788,205	5,061,642	5,937,625	4,936,778	5,043,794	5,153,124	5,264,823	5,378,943	
Negative temporary differences	9,671,615	3,557,396	4,980,354	11,617,175	9,618,823	10,260,785	10,743,501	13,171,098	11,803,427	12,089,513	12,367,949	
5.3.20(1) Temporary differences	(4,944,191)	564,822	790,751	(4,015,947)	(350,775)	(1,789,241)	(11,217,070)	(15,530,509)	(15,872,124)	(15,586,342)	(16,060,811)	
Corporate tax rate	30%	30%	30%	28%	28%	28%	28%	28%	28%	28%	28%	
Tax effect of temporary differences	(1,483,257)	169,447	237,225	(1,124,465)	(98,217)	(500,987)	(3,140,780)	(4,348,543)	(4,444,195)	(4,364,176)	(4,497,027)	
Amortisation of Initial Differences in Asset Values												
5.3.17(1) Amortisation of initial difference in initial RAB asset values	15,754,472	6,564,363	9,190,109	15,754,472	15,754,472	15,754,472	15,754,472	15,754,472	15,754,472	15,754,472	15,754,472	
Amortisation of initial difference in acquired asset values	-	-	-	-	-	-	27,551	53,411	88,614	151,956	151,956	
Amortisation of initial difference in sold asset values	-	-	-	-	-	-	138,203	138,203	138,203	138,203	138,203	
5.3.17(1 and 4) Amortisation of initial differences in asset values	15,754,472	6,564,363	9,190,109	15,754,472	15,754,472	15,754,472	15,643,820	15,669,680	15,704,883	15,768,224	15,768,224	
Tax effect of amortisation of initial differences in asset values	4,726,342	1,969,309	2,757,033	4,411,252	4,411,252	4,411,252	4,380,269	4,387,510	4,397,367	4,415,103	4,415,103	
Amortisation of initial difference in initial RAB asset values												
Sum of initial RAB values (opening 2010)	774,919,126											
Regulatory tax asset value of opening assets	247,460,585											
5.3.17(3) Initial differences in asset values	527,458,541											
5.3.17(2) Opening unamortised initial differences in asset values	527,458,541	511,704,069	511,704,069	495,949,597	480,195,125	464,440,653	448,686,181	432,931,709	417,177,237	401,422,765	385,668,293	
5.3.17(1) Amortisation of initial difference in asset values	15,754,472	6,564,363	9,190,109	15,754,472	15,754,472	15,754,472	15,754,472	15,754,472	15,754,472	15,754,472	15,754,472	
5.4.17(4) Closing unamortised initial differences in asset values	511,704,069		495,949,597	480,195,125	464,440,653	448,686,181	432,931,709	417,177,237	401,422,765	385,668,293	369,913,821	
Weighted average remaining useful life of relevant assets	33.48	32.48	32.48	31.48	30.48	29.48	28.48	27.48	26.48	25.48	24.48	

Regulatory tax

FY08 = year ended 31 March 2008	Current Period (\$)						Next Period (\$)						
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							FY13	FY14	FY15	FY16	FY17	FY18	FY19
Amortisation of initial difference in acquired asset values													
Initial RAB value (opening 2010) of acquired assets	-	-	-	-	-	-	3,933,396	3,063,774	15,634,137	7,184,250	3,221,742	-	-
Regulatory tax asset value (opening 2010) of acquired assets	-	-	-	-	-	-	3,933,396	2,322,253	14,892,536	6,174,043	1,978,873	-	-
Opening unamortised initial differences in acquired asset values	-	-	-	-	-	-	-	741,520	741,600	1,010,207	1,242,868	-	-
Opening weighted average remaining useful life of acquired assets	-	-	-	-	-	-	18.43	26.91	28.68	28.70	19.62	-	-
Amortisation of initial difference in acquired asset values													
	1	1.4	2	3	4	5	6	7	8	9	10		
2010 acquisitions	-	-	-	-	-	-	-	-	-	-	-	-	
2011a acquisitions	-	-	-	-	-	-	-	-	-	-	-	-	
2011b acquisitions	-	-	-	-	-	-	-	-	-	-	-	-	
2012 acquisitions	-	-	-	-	-	-	-	-	-	-	-	-	
2013 acquisitions	-	-	-	-	-	-	-	-	-	-	-	-	
2014 acquisitions	27,550.7	11,479.4	16,071.2	27,550.7	27,550.7	27,550.7	27,550.7	27,550.7	27,550.7	27,550.7	27,550.7	27,550.7	
2015 acquisitions	25,860.5	10,775.2	15,085.3	25,860.5	25,860.5	25,860.5	25,860.5	25,860.5	25,860.5	25,860.5	25,860.5	25,860.5	
2016 acquisitions	35,202.8	14,667.8	20,535.0	35,202.8	35,202.8	35,202.8	35,202.8	35,202.8	35,202.8	35,202.8	35,202.8	35,202.8	
2017 acquisitions	63,341.5	26,392.3	36,949.2	63,341.5	63,341.5	63,341.5	63,341.5	63,341.5	63,341.5	63,341.5	63,341.5	63,341.5	
2018 acquisitions	-	-	-	-	-	-	-	-	-	-	-	-	
2019 acquisitions	-	-	-	-	-	-	-	-	-	-	-	-	
Total amortisation of initial difference in acquired asset values	-	-	-	-	-	-	-	-	27,550.7	53,411.2	88,614.0	151,955.5	151,955.5
Amortisation of initial difference in disposed asset values													
Initial RAB value (opening 2010) of disposed assets	-	-	-	-	-	-	-	14,588,855	-	-	-	-	-
Regulatory tax asset value (opening 2010) of disposed assets	-	-	-	-	-	-	-	9,135,519	-	-	-	-	-
Opening unamortised initial differences in disposed asset values as at 2010	-	-	-	-	-	-	-	5,453,336	-	-	-	-	-
Opening weighted average remaining useful life of disposed assets as at 2010	-	-	-	-	-	-	-	39.46	-	-	-	-	-
Amortisation of initial difference in disposed asset values													
	1	1.4	2	3	4	5	6	7	8	9	10		
2010 disposals	-	-	-	-	-	-	-	-	-	-	-	-	
2011a disposals	-	-	-	-	-	-	-	-	-	-	-	-	
2011b disposals	-	-	-	-	-	-	-	-	-	-	-	-	
2012 disposals	-	-	-	-	-	-	-	-	-	-	-	-	
2013 disposals	-	-	-	-	-	-	-	-	-	-	-	-	
2014 disposals	138,203	57,584.6	80,618.4	138,203	138,203	138,203	138,203	138,203	138,203	138,203	138,203	138,203	
2015 disposals	-	-	-	-	-	-	-	-	-	-	-	-	
2016 disposals	-	-	-	-	-	-	-	-	-	-	-	-	
2017 disposals	-	-	-	-	-	-	-	-	-	-	-	-	
2018 disposals	-	-	-	-	-	-	-	-	-	-	-	-	
2019 disposals	-	-	-	-	-	-	-	-	-	-	-	-	
Total amortisation of initial difference in disposed asset values	-	-	-	-	-	-	-	-	138,203	138,203	138,203	138,203	138,203
Deferred tax of acquired assets													
Tax effect of depreciation temporary differences of acquired assets													
Adjusted depreciation of acquired assets from 1/04/10 to acquisition date	-	-	-	-	-	-	612,693	548,470	3,065,259	3,382,907	3,276,105	-	-
Tax depreciation of acquired assets from 1/04/10 to acquisition date	-	-	-	-	-	-	471,841	852,274	7,338,311	6,579,178	2,503,617	-	-
Tax effect of depreciation temporary differences of acquired assets	-	-	-	-	-	-	39,439	(85,065)	(1,196,454)	(894,956)	216,297	-	-
Tax effect of amortisation of initial differences													
2013 acquisitions	-	-	-	-	-	-	-	-	-	-	-	-	-
2014 acquisitions	-	-	-	-	-	-	-	137,753	-	-	-	-	-
2015 acquisitions	-	-	-	-	-	-	-	-	155,163	-	-	-	-
2016 acquisitions	-	-	-	-	-	-	-	-	-	246,420	-	-	-
2017 acquisitions	-	-	-	-	-	-	-	-	-	-	506,732	-	-
Tax effect of amortisation of initial differences	-	-	-	-	-	-	-	38,571	43,446	68,997	141,885	-	-

Regulatory Profit

FY08 = year ended 31 March 2008	Current Period (\$)						Next Period (\$)						
	FY08	FY09	FY10	FY11a	FY11b	FY12	Assessment Period		CPP Period				
							FY13	FY14	FY15	FY16	FY17	FY18	FY19

IM Reference

Regulatory Profit												
Building block allowable revenue before tax	133,014,568	55,639,941	87,286,111	130,926,283	155,189,021	186,732,289	151,819,414	164,598,713	169,449,560	176,095,258	185,019,914	
Other Regulated Income	725,000	201,250	281,750	23,453,000	7,357,000	(6,944,891)	822,560	840,393	858,613	877,228	896,247	
Operating Expenditure	37,738,257	16,319,053	31,290,284	54,318,644	54,640,000	58,753,270	61,205,257	65,241,574	64,884,398	66,419,108	69,852,241	
Total Depreciation	29,014,195	12,840,611	17,976,855	32,347,954	33,480,088	35,886,057	33,534,973	35,719,075	37,641,170	39,755,962	42,825,846	
5.3.13(4) Regulatory Profit / (Loss) before Tax	66,987,115	26,681,527	38,300,722	67,712,684	74,425,933	85,148,071	57,901,745	64,478,458	67,782,606	70,797,416	73,238,074	

Regulatory Investment Value

FY08 = year ended 31 March 2008	Current Period (\$)						Next Period (\$)						
	FY08	FY09	FY10	2011a	FY11b	FY12	Assessment Period		CPP Period				
							FY13	FY14	FY15	FY16	FY17	FY18	FY19

IM Reference

Regulatory Investment Value

Total opening RAB value	774,919,126	794,910,798	816,256,993	844,085,104	902,912,081	973,436,892	1,054,457,676	1,140,168,468	1,197,062,583	1,259,944,644
Opening deferred tax	-	(6,209,599)	(10,529,269)	(16,064,986)	(20,535,017)	(25,570,892)	(34,331,842)	(44,031,848)	(52,798,999)	(61,578,277)
Regulatory investment value	774,919,126	788,701,199	805,727,725	828,020,118	882,377,064	947,866,000	1,020,125,834	1,096,136,620	1,144,263,584	1,198,366,367

5.3.2(2)

Building blocks allowable revenue

FY08 = year ended 31 March 2008	Current Period (\$)						Next Period (\$)					
	FY08	FY09	FY10	FY11a	FY11b	FY12	Assessment Period		CPP Period			
							FY13	FY14	FY15	FY16	FY17	FY18
IM Reference	Building Blocks Allowable Revenue											
Regulatory investment value	774,919,126	788,701,199	805,727,725	828,020,118	882,377,064	947,866,000	1,020,125,834	1,096,136,620	1,144,263,584	1,198,366,367		
Cost of capital	8.77%	8.77%	8.77%	8.77%	8.77%	6.92%	6.92%	6.92%	6.92%	6.92%		
Total value of commissioned assets	33,151,614	7,190,381	25,760,416	47,349,236	77,099,698	106,397,806	92,012,852	98,674,433	69,917,720	76,790,690	59,603,839	
TFVCA	1.0429	1.0429	1.0429	1.0429	1.0437	1.0433	1.0278	1.0308	1.0334	1.0340	1.0340	
Term credit spread differential allowance	-	-	-	-	-	-	-	-	-	-	-	
TF	1.043	1.043	1.043	1.043	1.043	1.043	1.034	1.034	1.034	1.034	1.034	
Total revaluation	15,854,254	8,005,360	11,207,504	12,826,828	15,207,367	15,678,059	22,543,197	22,755,434	24,617,564	25,847,333	27,122,874	
TF _{REV}	1.035	1.035	1.035	1.035	1.035	1.035	1.028	1.028	1.028	1.028	1.028	
Corporate tax rate	30%	30%	30%	28%	28%	28%	28%	28%	28%	28%	28%	
Total depreciation	29,014,195	12,840,611	17,976,855	32,347,954	33,480,088	35,886,057	33,534,973	35,719,075	37,641,170	39,755,962	42,825,846	
Forecast operating expenditure	37,738,257	16,319,053	31,290,284	54,318,644	54,640,000	58,753,270	61,205,257	65,241,574	64,884,398	66,419,108	69,852,241	
Other regulated income	725,000	201,250	281,750	23,453,000	7,357,000	(6,944,891)	822,560	840,393	858,613	877,228	896,247	
Opening deferred tax	-	(6,209,599)	(8,009,461)	(10,529,269)	(16,064,986)	(20,535,017)	(25,570,892)	(34,331,842)	(44,031,848)	(52,798,999)	(61,578,277)	
Closing deferred tax	(6,209,599)	(8,009,461)	(10,529,269)	(16,064,986)	(20,535,017)	(25,570,892)	(34,331,842)	(44,031,848)	(52,798,999)	(61,578,277)	(70,490,407)	
Permanent differences	(1,579,112)	(22,777)	(31,887)	(17,273,217)	(2,925,933)	6,815,299	45,883	46,878	47,894	48,932	49,992	
Regulatory tax adjustments	(11,862,369)	(4,685,684)	(6,748,942)	(11,738,996)	(12,612,955)	(14,174,579)	(7,110,621)	(8,305,395)	(9,125,396)	(9,476,754)	(9,531,140)	
Utilised tax losses	-	-	-	-	-	-	-	-	-	-	-	
5.3.2(1) Building blocks allowable revenue before tax	133,014,568	55,639,941	87,286,111	130,926,283	155,189,021	186,732,289	151,819,414	164,598,713	169,449,560	176,095,258	185,019,914	
Forecast regulatory tax allowance	16,063,690	6,591,920	9,455,968	10,836,132	16,488,373	21,780,862	14,234,362	15,741,583	16,437,429	17,183,486	17,851,939	
5.3.3(1) Building blocks allowable revenue after tax	116,950,878	49,048,021	77,830,143	120,090,150	138,700,648	164,951,428	137,585,052	148,857,130	153,012,131	158,911,772	167,167,975	

Maximum allowable revenue

FY08 = year ended 31 March 2008	Current Period (\$)						Next Period (\$)				
	FY08	FY09	FY10	FY11a	FY11b	FY12	Assessment Period		CPP Period		
							FY13	FY14	FY15	FY16	FY17

IM Reference

Maximum Allowable Revenue

TF _{REV}	1.035	1.035	1.035	1.035	1.028	1.028	1.028	1.028	1.028
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5.3.4(1)

Present value of the series of building blocks after tax

Building blocks allowable revenues

Building blocks allowable revenues after tax (year end)	141,368,959	152,951,045	157,220,319	163,282,213	171,765,480
Present value of building blocks allowable revenue after tax for the CPP period	642,505,353				
Discount rate	Discount Rate >>> 1. CPP WACC				

Present value of the series of maximum allowable revenue after tax

Maximum allowable revenue

Inflation rate	2.17%	2.17%	2.17%	2.17%	2.17%
X Factor	-1.19%	-1.19%	-1.19%	-1.19%	-1.19%
Forecast weighted growth in quantities	0.81%	0.79%	0.80%	0.85%	0.76%

5.3.4(5 and 6)

Maximum allowable revenue before tax (revenue date)

Forecast regulatory tax allowance	14,234,362	15,741,583	16,437,429	17,183,486	17,851,939
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Maximum allowable revenue after tax (revenue date)

	155,598,429	162,135,709	168,973,645	176,185,090	183,539,730
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Maximum allowable revenue after tax (year end)

	141,364,067	146,394,126	152,536,216	159,001,603	165,687,791
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Present value of maximum allowable revenue after tax

Discount rate	642,505,353	Discount Rate >>> 1. CPP WACC			
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Present value goal seek

Price path formula - Present value of building blocks must equal present value of MAR	-	Clause 5.3.4(1) Condition satisfied			
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Claw-back

Building blocks before tax (year end)	57,569,222	90,312,704	135,466,072	160,570,106	193,207,118
Actual Revenue (year end)	64,195,338	76,680,754	129,321,883	141,091,304	143,936,955
Difference in building blocks allowable revenue before tax and actual revenue		7,005,834	6,144,189	19,478,802	49,270,163
Period		3	2	1	0
Value of claw-back (Present value of difference in building blocks allowable revenue after tax and actual revenue)					86,259,113
					Discount Rate >>> 4. DPP cost of debt

Recovering Claw-back

Claw-back recovery period >>>	3. 10 year period ending FY2024
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Present value of claw-back for the CPP period (at 31/03/14)	43,129,556
Present value of unrecovered claw-back (at 31/03/14)	43,129,556

Inflation rate	2.17%	2.17%	2.17%	2.17%	2.17%
X Factor	-1.19%	-1.19%	-1.19%	-1.19%	-1.19%
Forecast weighted growth in quantities	0.81%	0.79%	0.80%	0.85%	0.76%

Claw-back over the CPP regulatory period (revenue date)

	9,174,917	9,560,390	9,963,592	10,388,817	10,822,486
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Claw-back over the CPP regulatory period (year end)

	9,427,249	9,823,323	10,237,614	10,674,534	11,120,130
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Claw-back goal seek

To obtain price path	43,129,556	Discount Rate >>> 3. CPP cost of debt			
	-				

MAR before tax + Clawback

Dashboard and Scenario Analysis

FY08 = year ended 31 March 2008	Current Period						Next Period						2020	
	FY08	FY09	FY10	FY11a	FY11b	FY12	Assessment Period		CPP Period					
							FY13	FY14	FY15	FY16	FY17	FY18	FY19	

Dashboard

WACC

75th percentile estimate of WACC

Choose WACC >>>

2. DPP WACC	2. DPP WACC	2. DPP WACC	2. DPP WACC	2. DPP WACC	2. DPP WACC	2. DPP WACC	1. CPP WACC	1. CPP WACC	1. CPP WACC	1. CPP WACC	1. CPP WACC
8.77%	8.77%	8.77%	8.77%	8.77%	8.77%	8.77%	6.92%	6.92%	6.92%	6.92%	6.92%

CPP building blocks

Building blocks - Present value discount rate	1. CPP WACC
MAR - Present value discount rate	1. CPP WACC

Claw-back

Claw-back discount rate	4. DPP cost of debt
Claw-back recovery discount rate	3. CPP cost of debt
Claw-back recovery period	3. 10 year period ending FY2024

X factor

X factor (MAR)	-1.2%
X factor (Clawback)	-1.2%

RAB - Depreciation

Depreciation on assets commissioned 2013 +	2. Alternative Depreciation
Multiplying Factor	1.6

Price path summary output

Scenario:

Clawback period: 3. 10 year period ending FY2024

X factor: -1.19%

FY08 = year ended 31 March 2008	Current Period						Next Period						
	FY08	FY09	FY10	FY11a	FY11b	FY12	Assessment Period		CPP Period				
							FY13	FY14	FY15	FY16	FY17	FY18	FY19

Real Price Increases

Inflation rate							2.17%	2.17%	2.17%	2.17%	2.17%
X Factor							-1.19%	-1.19%	-1.19%	-1.19%	-1.19%
Forecast weighted growth in quantities							0.81%	0.79%	0.80%	0.85%	0.76%

MAR before tax (including recovery of clawback)							164,773,346	171,696,099	178,937,237	186,573,907	194,362,216
Actual revenue							139,113,286				

Nominal % change in AR	18.45%	4.20%	4.22%	4.27%	4.17%
CPI	2.17%	2.17%	2.17%	2.17%	2.17%
Forecast weighted growth in quantities	0.81%	0.79%	0.80%	0.85%	0.76%
Real % change in price	15.00%	1.19%	1.19%	1.19%	1.19%

