

Jemena Gas Networks (NSW) Ltd

2015-20 Access Arrangement

Submission on JGN 2015-20 access arrangement draft decision

Attachment P - Attachments J to O model change
references

Public

27 March 2015



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1. MODEL CHANGE REFERENCES

Table 1–1 sets out in JGN's 27 March 15 submission to the draft decision the model change references made to the following attachments.

- Attachment J – updated appendix 3.3 – demand forecasts adapted for reference tariff model [CONFIDENTIAL]
- Attachment K – updated appendix 4.1 - capex forecast model [PUBLIC]
- Attachment L1 – updated appendix 5.5 - opex forecast model [CONFIDENTIAL]
- Attachment L2 – updated appendix 5.5 - opex forecast model [PUBLIC]
- Attachment M – updated appendix 7.15 – updated rate of return forecast model [PUBLIC]
- Attachment N1 – updated appendix 10.1 – JGN revenue forecast model [CONFIDENTIAL]
- Attachment N2 – updated appendix 10.1 – JGN revenue forecast model [PUBLIC]
- Attachment O – updated appendix 10.2 – JGN reference tariffs and customer outcomes [PUBLIC]

Table 1–1: JGN 2015-20 AA revised submission attachments I to N model change references

Version	Comments	Update made	Sheet	Cell reference	Date
Attachment J – updated appendix 3.3 – demand forecasts adapted for reference tariff model [CONFIDENTIAL]					
1	Supporting model				
2	Revised supporting model	Updated volume and demand market customer numbers	Input Forecast demand	M14:R15	24 September 2014
		Updated volume and demand market Consumption	Input Forecast demand	N22:R23	11 November 2014
		Updated demand market contract demand	Input Forecast demand	N30:R30	11 November 2014
		Updated volume market disconnections	Input Forecast demand	N31:R31	11 November 2014
		Updated forecast medium density connections	Input Forecast demand	N48:R48	11 November 2014
		Updated volume market consumption	Input Forecast demand	N131:R131	11 November 2014
		Average consumption per MD new connection	Input Forecast demand	N152:R152	11 November 2014
		Scaling factor Annual Quantity and Chargeable Demand	Input Forecast demand	N433:R434	11 November 2014
		Delta Electricity AQ scaled to Core	Calc Demand market	S17:V17	11 November 2014
3	Revised supporting model	Revised Customer List as at 30 June 2014 (updated for new custs, closures and tariff movements)	Input Demand customers	Entire sheet	22 January 2015
		Revised Customer List as at 30 June 2014 (updated for new custs, closures and tariff movements)	Calc Demand market	Entire sheet	22 January 2015
4	Revised supporting model	Updated average consumption per MD new connections using final Demand Forecast	Input Forecast demand	N152:R152	12 February 2015
		Updated volume and demand market customer numbers using final Demand Forecast	Input Forecast demand	M14:R15	12 February 2015

1 — MODEL CHANGE REFERENCES

Version	Comments	Update made	Sheet	Cell reference	Date
		Updated volume and demand market Consumption using final Demand Forecast	Input Forecast demand	N22:R23	12 February 2015
		Updated demand market contract demand using final Demand Forecast	Input Forecast demand	N30:R30	12 February 2015
		Updated volume market disconnections using final Demand Forecast	Input Forecast demand	N31:R31	12 February 2015
		Updated forecast medium density connections using final Demand Forecast	Input Forecast demand	N48:R48	12 February 2015
		Updated allocation % of CB coastal and country sites	Input Forecast demand	N58:R39	12 February 2015
5	Revised supporting model	Updated units of VB consumption	Input Forecast demand	E195:E206	23 February 2015
6	Revised submission model - update	Updated Customer data	Input Demand customers	X215	27 March 2015
		Updated Customer data	Input Demand customers	X307	27 March 2015
		Updated tariff for customer	Input Demand customers	S373:W375	27 March 2015
		Updated tariff for customer	Input Demand customers	S384:W384	27 March 2015
		Updated subtotal from above changes	Input Demand customers	X410	27 March 2015
		Updated total from above change	Input Demand customers	X484	27 March 2015
		Updated allocation of demand from updated customer and tariff data	Outputs Forecast demand	H65:AA66	27 March 2015
		Updated allocation of demand from updated customer and tariff data	Outputs Forecast demand	H103:N103, H117:N117	27 March 2015
		Updated allocation of demand from updated customer and tariff data	Outputs Forecast demand	R136:AA136, R138:AA138	27 March 2015
Attachment K – updated appendix 4.1 – capex forecast model [CONFIDENTIAL]					
1	Submission model				30 June 2014

Version	Comments	Update made	Sheet	Cell reference	Date
2	Revised submission model				27 February 2015
3	Revised submission model - update	Fixed error in labour escalator (was wrongly linked to nominal price changes)	Input Escalators	U63:AA63	27 March 2015
		Updated real material cost escalator (to take into account AUD depreciation)	Input Escalators	U65:AA70	27 March 2015
		Updated the B2B harmonisation project costs (additional \$0.118M (\$2015) in RY2016)	Input Project Costs	D1001, AV1001:BD1001	27 March 2015
		Updated the relevant capital contribution inputs (% of gross capex), based on updated escalators	Calc Capital Contribution	Re-run goal seek macro	27 March 2015
Attachment L1 – updated appendix 5.5 – opex forecast model [CONFIDENTIAL]					
Attachment L2 – updated appendix 5.5 – opex forecast model [PUBLIC]					
1	Submission model				30 June 2014
2	Revised submission model				27 February 2015
3	Revised submission model - update	Updated B2B harmonisation step change	Input Opex (view 1)	O138:S138	27 March 2015
		Updated opex PFP forecast estimate	Input Opex (view 1)	N299:S299	27 March 2015
		Updated network growth weights	Input Opex (view 1)	P303:Q304	27 March 2015
		Updated real material cost escalators	Input Escalators	N94:S99	27 March 2015
Attachment M – updated appendix 7.15 – rate of return forecast model [PUBLIC]					
1	Submission model				30 June 2014
2	Revised submission model				27 February 2015
3	Revised submission model – update	Updated government bond yields	Input Rate of return	C29:C48, J29:J48, K29:K48	27 March 2015

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Version	Comments	Update made	Sheet	Cell reference	Date
		Updated corporate bond yields and swaps	Input Rate of return	J56:J65, J70:J79	27 March 2015
		Updated cost of equity	Input Rate of return	J87, J99	27 March 2015
Attachment N1 – updated appendix 10.1 – JGN revenue forecast model [CONFIDENTIAL]					
Attachment N2 – updated appendix 10.2 – JGN revenue forecast model [PUBLIC]					
1	Submission model				30 June 2014
2	Revised submission model				27 February 2015
3	Revised submission model - update	Updated gross capex forecasts	Inputs Costs	M89:R111	27 March 2015
		Updated capital contributions forecasts	Inputs Costs	M155:R177	27 March 2015
		Updated asset disposals forecasts	Inputs Costs	M122:R144	27 March 2015
		Updated opex forecasts	Inputs Costs	N221:R221	27 March 2015
		Updated rate of return forecasts	Inputs Costs	N239:N240	27 March 2015
		Updated demand mapping	Inputs Pricing	H65:AA66	27 March 2015
			Inputs Pricing	H69:V70	27 March 2015
			Inputs Pricing	H103:N103	27 March 2015
			Inputs Pricing	R136:AA136	27 March 2015
			Inputs Pricing	H163:Q164	27 March 2015
Attachment O – updated appendix 10.2 – JGN reference tariffs and customer outcomes [PUBLIC]					
1	Revised submission model				27 February 2015
2	Revised submission model - update	Updated to reflect carbon exclusive prices	Input 2014-15 tariffs	BO14:BT15	27 March 2015
		Updated Volume Boundary and Volume Individual tariffs to reflect tariff-V block 2 pricing strategy	Input 2015-16 tariffs	BJ18:BM19, BO14:BT15	27 March 2015

Version	Comments	Update made	Sheet	Cell reference	Date
		Updated to reflect new price path from revised building block revenues	Input 2016-17 tariffs	Entire sheet	27 March 2015
		Updated to reflect new price path from revised building block revenues	Input 2017-18 tariffs		27 March 2015
		Updated to reflect new price path from revised building block revenues	Input 2018-19 tariffs		27 March 2015
		Updated to reflect new price path from revised building block revenues	Input 2019-20 tariffs		27 March 2015
		Updated to reflect carbon exclusive prices	Calc 2014-15 revenues		27 March 2015
		Updated to reflect above changes	Calc Customer outcomes		27 March 2015
		Updated 10 GJ customer consumption in blocks 1 & 2 (previously had consumption in 3rd block)	Calc Customer outcomes		27 March 2015