

# ASX Clear (Futures) Energy Derivative Margin Parameters

Effective Date 30 November 2018



## Australian Energy - Initial Margin Rates & Span Parameters

Sector	Code	Commodity Name	Tier Number	Lower Contract	Upper Contract	Price Scanning Range	Volatility Scanning Range	Short Option Minimum	Spot Month Isolation Rate
Australian Electricity	BN	NSW Base Quarter Futures	1	1	1	21%	60%	\$22	\$1,500
Australian Electricity	BN	NSW Base Quarter Futures	2	2	2	16%	40%	\$22	-
Australian Electricity	BN	NSW Base Quarter Futures	3	3	3	11%	40%	\$22	-
Australian Electricity	BN	NSW Base Quarter Futures	4	4	4	10%	40%	\$22	-
Australian Electricity	BN	NSW Base Quarter Futures	5	5	5	9%	40%	\$22	-
Australian Electricity	BN	NSW Base Quarter Futures	6	6	6	8%	40%	\$22	-
Australian Electricity	BN	NSW Base Quarter Futures	7	7	7	7%	40%	\$22	-
Australian Electricity	BN	NSW Base Quarter Futures	8	8	9	7%	40%	\$22	-
Australian Electricity	BN	NSW Base Quarter Futures	9	10	50	7%	40%	\$22	-
Australian Electricity	BQ	QLD Base Quarter Futures	1	1	1	35%	50%	\$22	\$1,500
Australian Electricity	BQ	QLD Base Quarter Futures	2	2	2	15%	40%	\$22	-
Australian Electricity	BQ	QLD Base Quarter Futures	3	3	3	9%	40%	\$22	-
Australian Electricity	BQ	QLD Base Quarter Futures	4	4	4	9%	40%	\$22	-
Australian Electricity	BQ	QLD Base Quarter Futures	5	5	5	9%	40%	\$22	-
Australian Electricity	BQ	QLD Base Quarter Futures	6	6	6	8%	40%	\$22	-
Australian Electricity	BQ	QLD Base Quarter Futures	7	7	7	8%	40%	\$22	-
Australian Electricity	BQ	QLD Base Quarter Futures	8	8	9	8%	40%	\$22	-
Australian Electricity	BQ	QLD Base Quarter Futures	9	10	50	8%	40%	\$22	-
Australian Electricity	BS	SA Base Quarter Futures	1	1	1	19%	70%	\$22	\$3,500
Australian Electricity	BS	SA Base Quarter Futures	2	2	2	19%	50%	\$22	-
Australian Electricity	BS	SA Base Quarter Futures	3	3	3	15%	50%	\$22	-
Australian Electricity	BS	SA Base Quarter Futures	4	4	4	12%	50%	\$22	-
Australian Electricity	BS	SA Base Quarter Futures	5	5	5	11%	50%	\$22	-
Australian Electricity	BS	SA Base Quarter Futures	6	6	6	11%	50%	\$22	-
Australian Electricity	BS	SA Base Quarter Futures	7	7	7	11%	50%	\$22	-
Australian Electricity	BS	SA Base Quarter Futures	8	8	9	10%	50%	\$22	-
Australian Electricity	BS	SA Base Quarter Futures	9	10	50	10%	50%	\$22	-
Australian Electricity	BV	VIC Base Quarter Futures	1	1	1	19%	50%	\$22	\$1,500
Australian Electricity	BV	VIC Base Quarter Futures	2	2	2	18%	40%	\$22	-
Australian Electricity	BV	VIC Base Quarter Futures	3	3	3	17%	40%	\$22	-
Australian Electricity	BV	VIC Base Quarter Futures	4	4	4	12%	40%	\$22	-
Australian Electricity	BV	VIC Base Quarter Futures	5	5	5	11%	40%	\$22	-
Australian Electricity	BV	VIC Base Quarter Futures	6	6	6	11%	40%	\$22	-
Australian Electricity	BV	VIC Base Quarter Futures	7	7	7	11%	40%	\$22	-
Australian Electricity	BV	VIC Base Quarter Futures	8	8	9	11%	40%	\$22	-
Australian Electricity	BV	VIC Base Quarter Futures	9	10	50	11%	40%	\$22	-
Australian Electricity	EN	NSW Base Month Futures	1	1	50	31%	-	-	\$400
Australian Electricity	EQ	QLD Base Month Futures	1	1	50	39%	-	-	\$400
Australian Electricity	ES	SA Base Month Futures	1	1	50	38%	-	-	\$400
Australian Electricity	EV	VIC Base Month Futures	1	1	50	27%	-	-	\$400
Australian Electricity	GN	NSW Base Quarter \$300 Cap Futures	1	1	1	50%	-	-	\$400
Australian Electricity	GN	NSW Base Quarter \$300 Cap Futures	2	2	2	50%	-	-	-
Australian Electricity	GN	NSW Base Quarter \$300 Cap Futures	3	3	3	33%	-	-	-
Australian Electricity	GN	NSW Base Quarter \$300 Cap Futures	4	4	4	29%	-	-	-
Australian Electricity	GN	NSW Base Quarter \$300 Cap Futures	5	5	7	36%	-	-	-
Australian Electricity	GN	NSW Base Quarter \$300 Cap Futures	6	8	50	17%	-	-	-
Australian Electricity	GQ	QLD Base Quarter \$300 Cap Futures	1	1	1	50%	-	-	\$600
Australian Electricity	GQ	QLD Base Quarter \$300 Cap Futures	2	2	2	46%	-	-	-
Australian Electricity	GQ	QLD Base Quarter \$300 Cap Futures	3	3	3	43%	-	-	-
Australian Electricity	GQ	QLD Base Quarter \$300 Cap Futures	4	4	4	19%	-	-	-
Australian Electricity	GQ	QLD Base Quarter \$300 Cap Futures	5	5	7	18%	-	-	-
Australian Electricity	GQ	QLD Base Quarter \$300 Cap Futures	6	8	50	22%	-	-	-
Australian Electricity	GS	SA Base Quarter \$300 Cap Futures	1	1	1	50%	-	-	\$6,000
Australian Electricity	GS	SA Base Quarter \$300 Cap Futures	2	2	2	50%	-	-	-
Australian Electricity	GS	SA Base Quarter \$300 Cap Futures	3	3	3	21%	-	-	-
Australian Electricity	GS	SA Base Quarter \$300 Cap Futures	4	4	4	22%	-	-	-
Australian Electricity	GS	SA Base Quarter \$300 Cap Futures	5	5	7	27%	-	-	-
Australian Electricity	GS	SA Base Quarter \$300 Cap Futures	6	8	50	35%	-	-	-
Australian Electricity	GV	VIC Base Quarter \$300 Cap Futures	1	1	1	50%	-	-	\$400
Australian Electricity	GV	VIC Base Quarter \$300 Cap Futures	2	2	2	50%	-	-	-
Australian Electricity	GV	VIC Base Quarter \$300 Cap Futures	3	3	3	35%	-	-	-
Australian Electricity	GV	VIC Base Quarter \$300 Cap Futures	4	4	4	35%	-	-	-
Australian Electricity	GV	VIC Base Quarter \$300 Cap Futures	5	5	7	27%	-	-	-
Australian Electricity	GV	VIC Base Quarter \$300 Cap Futures	6	8	50	33%	-	-	-
Australian Electricity	HN	NSW Base Strip Options	1	1	1	10%	50%	\$88	-
Australian Electricity	HN	NSW Base Strip Options	2	2	2	7%	40%	\$88	-
Australian Electricity	HN	NSW Base Strip Options	3	3	3	6%	40%	\$88	-
Australian Electricity	HN	NSW Base Strip Options	4	4	50	5%	40%	\$88	-
Australian Electricity	HQ	QLD Base Strip Options	1	1	1	11%	50%	\$88	-
Australian Electricity	HQ	QLD Base Strip Options	2	2	2	11%	40%	\$88	-
Australian Electricity	HQ	QLD Base Strip Options	3	3	3	7%	40%	\$88	-
Australian Electricity	HQ	QLD Base Strip Options	4	4	4	7%	40%	\$88	-
Australian Electricity	HQ	QLD Base Strip Options	5	5	50	7%	40%	\$88	-
Australian Electricity	HS	SA Base Strip Options	1	1	1	9%	60%	\$88	-
Australian Electricity	HS	SA Base Strip Options	2	2	2	7%	50%	\$88	-
Australian Electricity	HS	SA Base Strip Options	3	3	50	7%	50%	\$88	-
Australian Electricity	HV	VIC Base Strip Options	1	1	1	12%	50%	\$88	-
Australian Electricity	HV	VIC Base Strip Options	2	2	2	12%	40%	\$88	-

Sector	Code	Commodity Name	Tier Number	Lower Contract	Upper Contract	Price Scanning Range	Volatility Scanning Range	Short Option Minimum	Spot Month Isolation Rate
Australian Electricity	HV	VIC Base Strip Options	3	3	3	8%	40%	\$88	-
Australian Electricity	HV	VIC Base Strip Options	4	4	50	8%	40%	\$88	-
Australian Electricity	PN	NSW Peak Quarter Futures	1	1	1	45%	-	-	\$4,000
Australian Electricity	PN	NSW Peak Quarter Futures	2	2	2	19%	-	-	-
Australian Electricity	PN	NSW Peak Quarter Futures	3	3	3	14%	-	-	-
Australian Electricity	PN	NSW Peak Quarter Futures	4	4	4	16%	-	-	-
Australian Electricity	PN	NSW Peak Quarter Futures	5	5	50	11%	-	-	-
Australian Electricity	PQ	QLD Peak Quarter Futures	1	1	1	35%	-	-	\$1,500
Australian Electricity	PQ	QLD Peak Quarter Futures	2	2	2	20%	-	-	-
Australian Electricity	PQ	QLD Peak Quarter Futures	3	3	3	20%	-	-	-
Australian Electricity	PQ	QLD Peak Quarter Futures	4	4	4	20%	-	-	-
Australian Electricity	PQ	QLD Peak Quarter Futures	5	5	50	20%	-	-	-
Australian Electricity	PS	SA Peak Quarter Futures	1	1	1	32%	-	-	\$15,000
Australian Electricity	PS	SA Peak Quarter Futures	2	2	3	28%	-	-	-
Australian Electricity	PS	SA Peak Quarter Futures	3	4	50	11%	-	-	-
Australian Electricity	PV	VIC Peak Quarter Futures	1	1	1	14%	-	-	\$1,000
Australian Electricity	PV	VIC Peak Quarter Futures	2	2	2	26%	-	-	-
Australian Electricity	PV	VIC Peak Quarter Futures	3	3	3	15%	-	-	-
Australian Electricity	PV	VIC Peak Quarter Futures	4	4	4	13%	-	-	-
Australian Electricity	PV	VIC Peak Quarter Futures	5	5	50	13%	-	-	-
Australian Gas and Renewable Energy	GJ	AU Wallumbilla Natural Gas Month Futures	1	1	50	20%	-	-	\$400
Australian Gas and Renewable Energy	GK	AU Wallumbilla Natural Gas Quarter Futures	1	1	50	15%	-	-	\$400
Australian Gas and Renewable Energy	GX	VIC Wholesale Gas Futures	1	1	50	15%	-	-	\$400
Australian Gas and Renewable Energy	GY	VIC Wholesale Gas Strip Futures	2	1	50	10%	-	-	-

### Australian Energy - Inter-Month Spread Details

Sector	Code	Commodity Name	Priority	Leg 1 - Lower Contract	Leg 1 - Upper Contract	Leg 2 - Lower Contract	Leg 2 - Upper Contract	Rate
Australian Electricity	BN	NSW Base Quarter Futures	1	1	50	1	50	\$12,300
Australian Electricity	BQ	QLD Base Quarter Futures	1	1	50	1	50	\$12,300
Australian Electricity	BS	SA Base Quarter Futures	1	1	50	1	50	\$25,000
Australian Electricity	BV	VIC Base Quarter Futures	1	1	50	1	50	\$13,600
Australian Electricity	EN	NSW Base Month Futures	1	1	50	1	50	\$9,000
Australian Electricity	EQ	QLD Base Month Futures	1	1	50	1	50	\$8,100
Australian Electricity	ES	SA Base Month Futures	1	1	50	1	50	\$4,300
Australian Electricity	EV	VIC Base Month Futures	1	1	50	1	50	\$9,200
Australian Electricity	GN	NSW Base Quarter \$300 Cap Futures	1	1	50	1	50	\$5,500
Australian Electricity	GQ	QLD Base Quarter \$300 Cap Futures	1	1	50	1	50	\$5,900
Australian Electricity	GS	SA Base Quarter \$300 Cap Futures	1	1	50	1	50	\$6,800
Australian Electricity	GV	VIC Base Quarter \$300 Cap Futures	1	1	50	1	50	\$6,600
Australian Electricity	PN	NSW Peak Quarter Futures	1	1	50	1	50	\$9,400
Australian Electricity	PQ	QLD Peak Quarter Futures	1	1	50	1	50	\$13,600
Australian Electricity	PS	SA Peak Quarter Futures	1	1	50	1	50	\$13,200
Australian Electricity	PV	VIC Peak Quarter Futures	1	1	50	1	50	\$14,000
Australian Gas and Renewable Energy	GJ	AU Wallumbilla Natural Gas Month Futures	1	1	3	1	3	\$2,795
Australian Gas and Renewable Energy	GJ	AU Wallumbilla Natural Gas Month Futures	2	1	3	4	50	\$3,490
Australian Gas and Renewable Energy	GJ	AU Wallumbilla Natural Gas Month Futures	3	4	50	4	50	\$4,800
Australian Gas and Renewable Energy	GK	AU Wallumbilla Natural Gas Quarter Futures	1	1	50	1	50	\$16,000

### Australian Energy - Inter-Commodity Concessions

Code A	Commodity A	Code B	Commodity B	ICC	Delta Spread A	Delta Spread B
PN	NSW Peak Quarter Futures	BN	NSW Base Quarter Futures	-	2	1
PV	VIC Peak Quarter Futures	BV	VIC Base Quarter Futures	-	2	1
PQ	QLD Peak Quarter Futures	BQ	QLD Base Quarter Futures	-	2	1
PS	SA Peak Quarter Futures	BS	SA Base Quarter Futures	-	2	1
BV	VIC Base Quarter Futures	BN	NSW Base Quarter Futures	50%	1	1
BN	NSW Base Quarter Futures	BQ	QLD Base Quarter Futures	50%	1	1
PV	VIC Peak Quarter Futures	PN	NSW Peak Quarter Futures	-	1	1
PN	NSW Peak Quarter Futures	PQ	QLD Peak Quarter Futures	-	1	1
BS	SA Base Quarter Futures	BV	VIC Base Quarter Futures	40%	1	1
PS	SA Peak Quarter Futures	PV	VIC Peak Quarter Futures	-	1	1
GN	NSW Base Quarter \$300 Cap Futures	BN	NSW Base Quarter Futures	-	1	1
GQ	QLD Base Quarter \$300 Cap Futures	BQ	QLD Base Quarter Futures	-	1	1
GS	SA Base Quarter \$300 Cap Futures	BS	SA Base Quarter Futures	-	1	1
GV	VIC Base Quarter \$300 Cap Futures	BV	VIC Base Quarter Futures	-	1	1
HN	NSW Base Strip Options	BN	NSW Base Quarter Futures	-	1	4
HQ	QLD Base Strip Options	BQ	QLD Base Quarter Futures	-	1	4
HS	SA Base Strip Options	BS	SA Base Quarter Futures	-	1	4
HV	VIC Base Strip Options	BV	VIC Base Quarter Futures	-	1	4
BN	NSW Base Quarter Futures	EN	NSW Base Month Futures	45%	1	3
BV	VIC Base Quarter Futures	EV	VIC Base Month Futures	45%	1	3
BS	SA Base Quarter Futures	ES	SA Base Month Futures	45%	1	3
BQ	QLD Base Quarter Futures	EQ	QLD Base Month Futures	45%	1	3
EQ	QLD Base Month Futures	EN	NSW Base Month Futures	45%	1	1
EV	VIC Base Month Futures	EN	NSW Base Month Futures	45%	1	1
EQ	QLD Base Month Futures	EV	VIC Base Month Futures	-	1	1

### Australian Energy – Liquidity margin add-on Parameters

Commodity Name	Code	Tier Start	Tier End	ASX Portfolio	Return Scalar	Price Scan Range
NSW Base Quarter Futures	BN	1	1	15	1	21%
NSW Base Quarter Futures	BN	1	1	15	1.25	21%
NSW Base Quarter Futures	BN	1	1	15	1.33	21%
NSW Base Quarter Futures	BN	1	1	15	1.5	21%
NSW Base Quarter Futures	BN	1	1	15	1.67	21%
NSW Base Quarter Futures	BN	1	1	15	1.84	21%
NSW Base Quarter Futures	BN	1	1	15	2	21%
NSW Base Quarter Futures	BN	1	1	15	3	21%
NSW Base Quarter Futures	BN	2	2	48	1	16%
NSW Base Quarter Futures	BN	2	2	48	1.25	16%
NSW Base Quarter Futures	BN	2	2	48	1.33	16%
NSW Base Quarter Futures	BN	2	2	48	1.5	16%
NSW Base Quarter Futures	BN	2	2	48	1.67	16%
NSW Base Quarter Futures	BN	2	2	48	1.84	16%
NSW Base Quarter Futures	BN	2	2	48	2	16%
NSW Base Quarter Futures	BN	2	2	48	3	18%
NSW Base Quarter Futures	BN	3	3	42	1	11%
NSW Base Quarter Futures	BN	3	3	42	1.25	11%
NSW Base Quarter Futures	BN	3	3	42	1.33	11%
NSW Base Quarter Futures	BN	3	3	42	1.5	11%
NSW Base Quarter Futures	BN	3	3	42	1.67	11%
NSW Base Quarter Futures	BN	3	3	42	1.84	11%
NSW Base Quarter Futures	BN	3	3	42	2	11%
NSW Base Quarter Futures	BN	3	3	42	3	11%
NSW Base Quarter Futures	BN	4	4	39	1	10%
NSW Base Quarter Futures	BN	4	4	39	1.25	10%
NSW Base Quarter Futures	BN	4	4	39	1.33	10%
NSW Base Quarter Futures	BN	4	4	39	1.5	10%
NSW Base Quarter Futures	BN	4	4	39	1.67	10%
NSW Base Quarter Futures	BN	4	4	39	1.84	10%
NSW Base Quarter Futures	BN	4	4	39	2	10%
NSW Base Quarter Futures	BN	4	4	39	3	10%
NSW Base Quarter Futures	BN	5	5	42	1	9%
NSW Base Quarter Futures	BN	5	5	42	1.25	10%
NSW Base Quarter Futures	BN	5	5	42	1.33	10%
NSW Base Quarter Futures	BN	5	5	42	1.5	10%
NSW Base Quarter Futures	BN	5	5	42	1.67	10%
NSW Base Quarter Futures	BN	5	5	42	1.84	10%
NSW Base Quarter Futures	BN	5	5	42	2	10%
NSW Base Quarter Futures	BN	5	5	42	3	10%
NSW Base Quarter Futures	BN	6	6	33	1	8%
NSW Base Quarter Futures	BN	6	6	33	1.25	8%
NSW Base Quarter Futures	BN	6	6	33	1.33	8%
NSW Base Quarter Futures	BN	6	6	33	1.5	8%
NSW Base Quarter Futures	BN	6	6	33	1.67	8%
NSW Base Quarter Futures	BN	6	6	33	1.84	9%
NSW Base Quarter Futures	BN	6	6	33	2	9%
NSW Base Quarter Futures	BN	6	6	33	3	9%
NSW Base Quarter Futures	BN	7	7	27	1	7%
NSW Base Quarter Futures	BN	7	7	27	1.25	7%
NSW Base Quarter Futures	BN	7	7	27	1.33	7%
NSW Base Quarter Futures	BN	7	7	27	1.5	9%
NSW Base Quarter Futures	BN	7	7	27	1.67	9%
NSW Base Quarter Futures	BN	7	7	27	1.84	9%
NSW Base Quarter Futures	BN	7	7	27	2	9%
NSW Base Quarter Futures	BN	7	7	27	3	9%
NSW Base Quarter Futures	BN	8	9	24	1	7%
NSW Base Quarter Futures	BN	8	9	24	1.25	7%
NSW Base Quarter Futures	BN	8	9	24	1.33	7%
NSW Base Quarter Futures	BN	8	9	24	1.5	7%
NSW Base Quarter Futures	BN	8	9	24	1.67	7%
NSW Base Quarter Futures	BN	8	9	24	1.84	7%
NSW Base Quarter Futures	BN	8	9	24	2	7%
NSW Base Quarter Futures	BN	8	9	24	3	7%
NSW Base Quarter Futures	BN	10	50	12	1	7%
NSW Base Quarter Futures	BN	10	50	12	1.25	7%
NSW Base Quarter Futures	BN	10	50	12	1.33	7%
NSW Base Quarter Futures	BN	10	50	12	1.5	7%
NSW Base Quarter Futures	BN	10	50	12	1.67	7%
NSW Base Quarter Futures	BN	10	50	12	1.84	7%

NSW Base Quarter Futures	BN	10	50	12	2	7%
NSW Base Quarter Futures	BN	10	50	12	3	7%
QLD Base Quarter Futures	BQ	1	1	15	1	35%
QLD Base Quarter Futures	BQ	1	1	15	1.25	37%
QLD Base Quarter Futures	BQ	1	1	15	1.33	37%
QLD Base Quarter Futures	BQ	1	1	15	1.5	37%
QLD Base Quarter Futures	BQ	1	1	15	1.67	37%
QLD Base Quarter Futures	BQ	1	1	15	1.84	37%
QLD Base Quarter Futures	BQ	1	1	15	2	37%
QLD Base Quarter Futures	BQ	1	1	15	3	37%
QLD Base Quarter Futures	BQ	2	2	57	1	15%
QLD Base Quarter Futures	BQ	2	2	57	1.25	15%
QLD Base Quarter Futures	BQ	2	2	57	1.33	15%
QLD Base Quarter Futures	BQ	2	2	57	1.5	15%
QLD Base Quarter Futures	BQ	2	2	57	1.67	15%
QLD Base Quarter Futures	BQ	2	2	57	1.84	16%
QLD Base Quarter Futures	BQ	2	2	57	2	16%
QLD Base Quarter Futures	BQ	2	2	57	3	17%
QLD Base Quarter Futures	BQ	3	3	54	1	9%
QLD Base Quarter Futures	BQ	3	3	54	1.25	10%
QLD Base Quarter Futures	BQ	3	3	54	1.33	10%
QLD Base Quarter Futures	BQ	3	3	54	1.5	10%
QLD Base Quarter Futures	BQ	3	3	54	1.67	10%
QLD Base Quarter Futures	BQ	3	3	54	1.84	11%
QLD Base Quarter Futures	BQ	3	3	54	2	12%
QLD Base Quarter Futures	BQ	3	3	54	3	12%
QLD Base Quarter Futures	BQ	4	4	48	1	9%
QLD Base Quarter Futures	BQ	4	4	48	1.25	9%
QLD Base Quarter Futures	BQ	4	4	48	1.33	9%
QLD Base Quarter Futures	BQ	4	4	48	1.5	9%
QLD Base Quarter Futures	BQ	4	4	48	1.67	9%
QLD Base Quarter Futures	BQ	4	4	48	1.84	9%
QLD Base Quarter Futures	BQ	4	4	48	2	9%
QLD Base Quarter Futures	BQ	4	4	48	3	9%
QLD Base Quarter Futures	BQ	5	5	51	1	9%
QLD Base Quarter Futures	BQ	5	5	51	1.25	9%
QLD Base Quarter Futures	BQ	5	5	51	1.33	9%
QLD Base Quarter Futures	BQ	5	5	51	1.5	9%
QLD Base Quarter Futures	BQ	5	5	51	1.67	9%
QLD Base Quarter Futures	BQ	5	5	51	1.84	9%
QLD Base Quarter Futures	BQ	5	5	51	2	9%
QLD Base Quarter Futures	BQ	5	5	51	3	10%
QLD Base Quarter Futures	BQ	6	6	27	1	8%
QLD Base Quarter Futures	BQ	6	6	27	1.25	8%
QLD Base Quarter Futures	BQ	6	6	27	1.33	8%
QLD Base Quarter Futures	BQ	6	6	27	1.5	8%
QLD Base Quarter Futures	BQ	6	6	27	1.67	8%
QLD Base Quarter Futures	BQ	6	6	27	1.84	8%
QLD Base Quarter Futures	BQ	6	6	27	2	8%
QLD Base Quarter Futures	BQ	6	6	27	3	8%
QLD Base Quarter Futures	BQ	7	7	27	1	8%
QLD Base Quarter Futures	BQ	7	7	27	1.25	8%
QLD Base Quarter Futures	BQ	7	7	27	1.33	8%
QLD Base Quarter Futures	BQ	7	7	27	1.5	8%
QLD Base Quarter Futures	BQ	7	7	27	1.67	8%
QLD Base Quarter Futures	BQ	7	7	27	1.84	8%
QLD Base Quarter Futures	BQ	7	7	27	2	8%
QLD Base Quarter Futures	BQ	7	7	27	3	8%
QLD Base Quarter Futures	BQ	8	9	24	1	8%
QLD Base Quarter Futures	BQ	8	9	24	1.25	8%
QLD Base Quarter Futures	BQ	8	9	24	1.33	8%
QLD Base Quarter Futures	BQ	8	9	24	1.5	8%
QLD Base Quarter Futures	BQ	8	9	24	1.67	8%
QLD Base Quarter Futures	BQ	8	9	24	1.84	8%
QLD Base Quarter Futures	BQ	8	9	24	2	8%
QLD Base Quarter Futures	BQ	8	9	24	3	8%
QLD Base Quarter Futures	BQ	10	50	9	1	8%
QLD Base Quarter Futures	BQ	10	50	9	1.25	8%
QLD Base Quarter Futures	BQ	10	50	9	1.33	8%
QLD Base Quarter Futures	BQ	10	50	9	1.5	8%
QLD Base Quarter Futures	BQ	10	50	9	1.67	8%
QLD Base Quarter Futures	BQ	10	50	9	1.84	8%
QLD Base Quarter Futures	BQ	10	50	9	2	8%

QLD Base Quarter Futures	BQ	10	50	9	3	8%
SA Base Quarter Futures	BS	1	1	1	1	19%
SA Base Quarter Futures	BS	1	1	1	1.25	19%
SA Base Quarter Futures	BS	1	1	1	1.33	19%
SA Base Quarter Futures	BS	1	1	1	1.5	19%
SA Base Quarter Futures	BS	1	1	1	1.67	19%
SA Base Quarter Futures	BS	1	1	1	1.84	19%
SA Base Quarter Futures	BS	1	1	1	2	19%
SA Base Quarter Futures	BS	1	1	1	3	19%
SA Base Quarter Futures	BS	2	2	3	1	19%
SA Base Quarter Futures	BS	2	2	3	1.25	19%
SA Base Quarter Futures	BS	2	2	3	1.33	19%
SA Base Quarter Futures	BS	2	2	3	1.5	19%
SA Base Quarter Futures	BS	2	2	3	1.67	19%
SA Base Quarter Futures	BS	2	2	3	1.84	19%
SA Base Quarter Futures	BS	2	2	3	2	19%
SA Base Quarter Futures	BS	2	2	3	3	20%
SA Base Quarter Futures	BS	3	3	3	1	15%
SA Base Quarter Futures	BS	3	3	3	1.25	15%
SA Base Quarter Futures	BS	3	3	3	1.33	15%
SA Base Quarter Futures	BS	3	3	3	1.5	15%
SA Base Quarter Futures	BS	3	3	3	1.67	15%
SA Base Quarter Futures	BS	3	3	3	1.84	15%
SA Base Quarter Futures	BS	3	3	3	2	15%
SA Base Quarter Futures	BS	3	3	3	3	15%
SA Base Quarter Futures	BS	4	4	3	1	12%
SA Base Quarter Futures	BS	4	4	3	1.25	12%
SA Base Quarter Futures	BS	4	4	3	1.33	13%
SA Base Quarter Futures	BS	4	4	3	1.5	14%
SA Base Quarter Futures	BS	4	4	3	1.67	14%
SA Base Quarter Futures	BS	4	4	3	1.84	14%
SA Base Quarter Futures	BS	4	4	3	2	14%
SA Base Quarter Futures	BS	4	4	3	3	14%
SA Base Quarter Futures	BS	5	5	3	1	11%
SA Base Quarter Futures	BS	5	5	3	1.25	11%
SA Base Quarter Futures	BS	5	5	3	1.33	11%
SA Base Quarter Futures	BS	5	5	3	1.5	11%
SA Base Quarter Futures	BS	5	5	3	1.67	11%
SA Base Quarter Futures	BS	5	5	3	1.84	11%
SA Base Quarter Futures	BS	5	5	3	2	11%
SA Base Quarter Futures	BS	5	5	3	3	11%
SA Base Quarter Futures	BS	6	6	3	1	11%
SA Base Quarter Futures	BS	6	6	3	1.25	11%
SA Base Quarter Futures	BS	6	6	3	1.33	11%
SA Base Quarter Futures	BS	6	6	3	1.5	11%
SA Base Quarter Futures	BS	6	6	3	1.67	11%
SA Base Quarter Futures	BS	6	6	3	1.84	11%
SA Base Quarter Futures	BS	6	6	3	2	11%
SA Base Quarter Futures	BS	6	6	3	3	11%
SA Base Quarter Futures	BS	7	7	3	1	11%
SA Base Quarter Futures	BS	7	7	3	1.25	12%
SA Base Quarter Futures	BS	7	7	3	1.33	12%
SA Base Quarter Futures	BS	7	7	3	1.5	12%
SA Base Quarter Futures	BS	7	7	3	1.67	12%
SA Base Quarter Futures	BS	7	7	3	1.84	12%
SA Base Quarter Futures	BS	7	7	3	2	12%
SA Base Quarter Futures	BS	7	7	3	3	12%
SA Base Quarter Futures	BS	8	9	3	1	10%
SA Base Quarter Futures	BS	8	9	3	1.25	10%
SA Base Quarter Futures	BS	8	9	3	1.33	10%
SA Base Quarter Futures	BS	8	9	3	1.5	10%
SA Base Quarter Futures	BS	8	9	3	1.67	10%
SA Base Quarter Futures	BS	8	9	3	1.84	10%
SA Base Quarter Futures	BS	8	9	3	2	10%
SA Base Quarter Futures	BS	8	9	3	3	10%
SA Base Quarter Futures	BS	10	50	3	1	10%
SA Base Quarter Futures	BS	10	50	3	1.25	10%
SA Base Quarter Futures	BS	10	50	3	1.33	10%
SA Base Quarter Futures	BS	10	50	3	1.5	10%
SA Base Quarter Futures	BS	10	50	3	1.67	10%
SA Base Quarter Futures	BS	10	50	3	1.84	10%
SA Base Quarter Futures	BS	10	50	3	2	10%
SA Base Quarter Futures	BS	10	50	3	3	11%

VIC Base Quarter Futures	BV	1	1	18	1	19%
VIC Base Quarter Futures	BV	1	1	18	1.25	19%
VIC Base Quarter Futures	BV	1	1	18	1.33	19%
VIC Base Quarter Futures	BV	1	1	18	1.5	19%
VIC Base Quarter Futures	BV	1	1	18	1.67	19%
VIC Base Quarter Futures	BV	1	1	18	1.84	19%
VIC Base Quarter Futures	BV	1	1	18	2	19%
VIC Base Quarter Futures	BV	1	1	18	3	19%
VIC Base Quarter Futures	BV	2	2	63	1	18%
VIC Base Quarter Futures	BV	2	2	63	1.25	21%
VIC Base Quarter Futures	BV	2	2	63	1.33	21%
VIC Base Quarter Futures	BV	2	2	63	1.5	21%
VIC Base Quarter Futures	BV	2	2	63	1.67	21%
VIC Base Quarter Futures	BV	2	2	63	1.84	21%
VIC Base Quarter Futures	BV	2	2	63	2	21%
VIC Base Quarter Futures	BV	2	2	63	3	21%
VIC Base Quarter Futures	BV	3	3	66	1	17%
VIC Base Quarter Futures	BV	3	3	66	1.25	17%
VIC Base Quarter Futures	BV	3	3	66	1.33	17%
VIC Base Quarter Futures	BV	3	3	66	1.5	17%
VIC Base Quarter Futures	BV	3	3	66	1.67	17%
VIC Base Quarter Futures	BV	3	3	66	1.84	17%
VIC Base Quarter Futures	BV	3	3	66	2	17%
VIC Base Quarter Futures	BV	3	3	66	3	17%
VIC Base Quarter Futures	BV	4	4	63	1	12%
VIC Base Quarter Futures	BV	4	4	63	1.25	13%
VIC Base Quarter Futures	BV	4	4	63	1.33	13%
VIC Base Quarter Futures	BV	4	4	63	1.5	13%
VIC Base Quarter Futures	BV	4	4	63	1.67	13%
VIC Base Quarter Futures	BV	4	4	63	1.84	13%
VIC Base Quarter Futures	BV	4	4	63	2	13%
VIC Base Quarter Futures	BV	4	4	63	3	13%
VIC Base Quarter Futures	BV	5	5	69	1	11%
VIC Base Quarter Futures	BV	5	5	69	1.25	11%
VIC Base Quarter Futures	BV	5	5	69	1.33	11%
VIC Base Quarter Futures	BV	5	5	69	1.5	11%
VIC Base Quarter Futures	BV	5	5	69	1.67	12%
VIC Base Quarter Futures	BV	5	5	69	1.84	12%
VIC Base Quarter Futures	BV	5	5	69	2	12%
VIC Base Quarter Futures	BV	5	5	69	3	12%
VIC Base Quarter Futures	BV	6	6	51	1	11%
VIC Base Quarter Futures	BV	6	6	51	1.25	11%
VIC Base Quarter Futures	BV	6	6	51	1.33	11%
VIC Base Quarter Futures	BV	6	6	51	1.5	12%
VIC Base Quarter Futures	BV	6	6	51	1.67	13%
VIC Base Quarter Futures	BV	6	6	51	1.84	13%
VIC Base Quarter Futures	BV	6	6	51	2	14%
VIC Base Quarter Futures	BV	6	6	51	3	14%
VIC Base Quarter Futures	BV	7	7	39	1	11%
VIC Base Quarter Futures	BV	7	7	39	1.25	11%
VIC Base Quarter Futures	BV	7	7	39	1.33	11%
VIC Base Quarter Futures	BV	7	7	39	1.5	11%
VIC Base Quarter Futures	BV	7	7	39	1.67	12%
VIC Base Quarter Futures	BV	7	7	39	1.84	12%
VIC Base Quarter Futures	BV	7	7	39	2	13%
VIC Base Quarter Futures	BV	7	7	39	3	13%
VIC Base Quarter Futures	BV	8	9	33	1	11%
VIC Base Quarter Futures	BV	8	9	33	1.25	11%
VIC Base Quarter Futures	BV	8	9	33	1.33	11%
VIC Base Quarter Futures	BV	8	9	33	1.5	11%
VIC Base Quarter Futures	BV	8	9	33	1.67	11%
VIC Base Quarter Futures	BV	8	9	33	1.84	11%
VIC Base Quarter Futures	BV	8	9	33	2	11%
VIC Base Quarter Futures	BV	8	9	33	3	12%
VIC Base Quarter Futures	BV	10	50	12	1	11%
VIC Base Quarter Futures	BV	10	50	12	1.25	12%
VIC Base Quarter Futures	BV	10	50	12	1.33	12%
VIC Base Quarter Futures	BV	10	50	12	1.5	12%
VIC Base Quarter Futures	BV	10	50	12	1.67	12%
VIC Base Quarter Futures	BV	10	50	12	1.84	12%
VIC Base Quarter Futures	BV	10	50	12	2	12%
VIC Base Quarter Futures	BV	10	50	12	3	12%
NSW Base Month Futures	EN	1	50	1	1	31%

NSW Base Month Futures	EN	1	50	1	1.25	31%
NSW Base Month Futures	EN	1	50	1	1.33	31%
NSW Base Month Futures	EN	1	50	1	1.5	31%
NSW Base Month Futures	EN	1	50	1	1.67	31%
NSW Base Month Futures	EN	1	50	1	1.84	31%
NSW Base Month Futures	EN	1	50	1	2	31%
NSW Base Month Futures	EN	1	50	1	3	31%
QLD Base Month Futures	EQ	1	50	1	1	39%
QLD Base Month Futures	EQ	1	50	1	1.25	50%
QLD Base Month Futures	EQ	1	50	1	1.33	50%
QLD Base Month Futures	EQ	1	50	1	1.5	50%
QLD Base Month Futures	EQ	1	50	1	1.67	50%
QLD Base Month Futures	EQ	1	50	1	1.84	50%
QLD Base Month Futures	EQ	1	50	1	2	50%
QLD Base Month Futures	EQ	1	50	1	3	50%
SA Base Month Futures	ES	1	50	1	1	38%
SA Base Month Futures	ES	1	50	1	1.25	38%
SA Base Month Futures	ES	1	50	1	1.33	38%
SA Base Month Futures	ES	1	50	1	1.5	38%
SA Base Month Futures	ES	1	50	1	1.67	38%
SA Base Month Futures	ES	1	50	1	1.84	38%
SA Base Month Futures	ES	1	50	1	2	38%
SA Base Month Futures	ES	1	50	1	3	38%
VIC Base Month Futures	EV	1	50	1	1	27%
VIC Base Month Futures	EV	1	50	1	1.25	27%
VIC Base Month Futures	EV	1	50	1	1.33	27%
VIC Base Month Futures	EV	1	50	1	1.5	27%
VIC Base Month Futures	EV	1	50	1	1.67	27%
VIC Base Month Futures	EV	1	50	1	1.84	27%
VIC Base Month Futures	EV	1	50	1	2	27%
VIC Base Month Futures	EV	1	50	1	3	27%
NSW Base Quarter \$300 Cap Futures	GN	1	1	12	1	50%
NSW Base Quarter \$300 Cap Futures	GN	1	1	12	1.25	50%
NSW Base Quarter \$300 Cap Futures	GN	1	1	12	1.33	50%
NSW Base Quarter \$300 Cap Futures	GN	1	1	12	1.5	50%
NSW Base Quarter \$300 Cap Futures	GN	1	1	12	1.67	50%
NSW Base Quarter \$300 Cap Futures	GN	1	1	12	1.84	50%
NSW Base Quarter \$300 Cap Futures	GN	1	1	12	2	50%
NSW Base Quarter \$300 Cap Futures	GN	1	1	12	3	50%
NSW Base Quarter \$300 Cap Futures	GN	2	2	21	1	50%
NSW Base Quarter \$300 Cap Futures	GN	2	2	21	1.25	50%
NSW Base Quarter \$300 Cap Futures	GN	2	2	21	1.33	50%
NSW Base Quarter \$300 Cap Futures	GN	2	2	21	1.5	50%
NSW Base Quarter \$300 Cap Futures	GN	2	2	21	1.67	50%
NSW Base Quarter \$300 Cap Futures	GN	2	2	21	1.84	50%
NSW Base Quarter \$300 Cap Futures	GN	2	2	21	2	50%
NSW Base Quarter \$300 Cap Futures	GN	2	2	21	3	50%
NSW Base Quarter \$300 Cap Futures	GN	3	3	15	1	33%
NSW Base Quarter \$300 Cap Futures	GN	3	3	15	1.25	36%
NSW Base Quarter \$300 Cap Futures	GN	3	3	15	1.33	36%
NSW Base Quarter \$300 Cap Futures	GN	3	3	15	1.5	36%
NSW Base Quarter \$300 Cap Futures	GN	3	3	15	1.67	36%
NSW Base Quarter \$300 Cap Futures	GN	3	3	15	1.84	36%
NSW Base Quarter \$300 Cap Futures	GN	3	3	15	2	36%
NSW Base Quarter \$300 Cap Futures	GN	3	3	15	3	36%
NSW Base Quarter \$300 Cap Futures	GN	4	4	15	1	29%
NSW Base Quarter \$300 Cap Futures	GN	4	4	15	1.25	30%
NSW Base Quarter \$300 Cap Futures	GN	4	4	15	1.33	30%
NSW Base Quarter \$300 Cap Futures	GN	4	4	15	1.5	30%
NSW Base Quarter \$300 Cap Futures	GN	4	4	15	1.67	30%
NSW Base Quarter \$300 Cap Futures	GN	4	4	15	1.84	30%
NSW Base Quarter \$300 Cap Futures	GN	4	4	15	2	30%
NSW Base Quarter \$300 Cap Futures	GN	4	4	15	3	30%
NSW Base Quarter \$300 Cap Futures	GN	5	7	15	1	36%
NSW Base Quarter \$300 Cap Futures	GN	5	7	15	1.25	36%
NSW Base Quarter \$300 Cap Futures	GN	5	7	15	1.33	36%
NSW Base Quarter \$300 Cap Futures	GN	5	7	15	1.5	36%
NSW Base Quarter \$300 Cap Futures	GN	5	7	15	1.67	36%
NSW Base Quarter \$300 Cap Futures	GN	5	7	15	1.84	36%
NSW Base Quarter \$300 Cap Futures	GN	5	7	15	2	36%
NSW Base Quarter \$300 Cap Futures	GN	5	7	15	3	36%
NSW Base Quarter \$300 Cap Futures	GN	8	50	6	1	17%
NSW Base Quarter \$300 Cap Futures	GN	8	50	6	1.25	17%

NSW Base Quarter \$300 Cap Futures	GN	8	50	6	1.33	17%
NSW Base Quarter \$300 Cap Futures	GN	8	50	6	1.5	18%
NSW Base Quarter \$300 Cap Futures	GN	8	50	6	1.67	18%
NSW Base Quarter \$300 Cap Futures	GN	8	50	6	1.84	18%
NSW Base Quarter \$300 Cap Futures	GN	8	50	6	2	18%
NSW Base Quarter \$300 Cap Futures	GN	8	50	6	3	18%
QLD Base Quarter \$300 Cap Futures	GQ	1	1	6	1	50%
QLD Base Quarter \$300 Cap Futures	GQ	1	1	6	1.25	50%
QLD Base Quarter \$300 Cap Futures	GQ	1	1	6	1.33	50%
QLD Base Quarter \$300 Cap Futures	GQ	1	1	6	1.5	50%
QLD Base Quarter \$300 Cap Futures	GQ	1	1	6	1.67	50%
QLD Base Quarter \$300 Cap Futures	GQ	1	1	6	1.84	50%
QLD Base Quarter \$300 Cap Futures	GQ	1	1	6	2	50%
QLD Base Quarter \$300 Cap Futures	GQ	1	1	6	3	50%
QLD Base Quarter \$300 Cap Futures	GQ	2	2	12	1	46%
QLD Base Quarter \$300 Cap Futures	GQ	2	2	12	1.25	46%
QLD Base Quarter \$300 Cap Futures	GQ	2	2	12	1.33	46%
QLD Base Quarter \$300 Cap Futures	GQ	2	2	12	1.5	46%
QLD Base Quarter \$300 Cap Futures	GQ	2	2	12	1.67	46%
QLD Base Quarter \$300 Cap Futures	GQ	2	2	12	1.84	46%
QLD Base Quarter \$300 Cap Futures	GQ	2	2	12	2	46%
QLD Base Quarter \$300 Cap Futures	GQ	2	2	12	3	46%
QLD Base Quarter \$300 Cap Futures	GQ	3	3	12	1	43%
QLD Base Quarter \$300 Cap Futures	GQ	3	3	12	1.25	43%
QLD Base Quarter \$300 Cap Futures	GQ	3	3	12	1.33	43%
QLD Base Quarter \$300 Cap Futures	GQ	3	3	12	1.5	43%
QLD Base Quarter \$300 Cap Futures	GQ	3	3	12	1.67	43%
QLD Base Quarter \$300 Cap Futures	GQ	3	3	12	1.84	43%
QLD Base Quarter \$300 Cap Futures	GQ	3	3	12	2	43%
QLD Base Quarter \$300 Cap Futures	GQ	3	3	12	3	46%
QLD Base Quarter \$300 Cap Futures	GQ	4	4	15	1	19%
QLD Base Quarter \$300 Cap Futures	GQ	4	4	15	1.25	19%
QLD Base Quarter \$300 Cap Futures	GQ	4	4	15	1.33	19%
QLD Base Quarter \$300 Cap Futures	GQ	4	4	15	1.5	19%
QLD Base Quarter \$300 Cap Futures	GQ	4	4	15	1.67	20%
QLD Base Quarter \$300 Cap Futures	GQ	4	4	15	1.84	22%
QLD Base Quarter \$300 Cap Futures	GQ	4	4	15	2	22%
QLD Base Quarter \$300 Cap Futures	GQ	4	4	15	3	29%
QLD Base Quarter \$300 Cap Futures	GQ	5	7	15	1	18%
QLD Base Quarter \$300 Cap Futures	GQ	5	7	15	1.25	18%
QLD Base Quarter \$300 Cap Futures	GQ	5	7	15	1.33	18%
QLD Base Quarter \$300 Cap Futures	GQ	5	7	15	1.5	18%
QLD Base Quarter \$300 Cap Futures	GQ	5	7	15	1.67	18%
QLD Base Quarter \$300 Cap Futures	GQ	5	7	15	1.84	18%
QLD Base Quarter \$300 Cap Futures	GQ	5	7	15	2	18%
QLD Base Quarter \$300 Cap Futures	GQ	5	7	15	3	21%
QLD Base Quarter \$300 Cap Futures	GQ	8	50	12	1	22%
QLD Base Quarter \$300 Cap Futures	GQ	8	50	12	1.25	22%
QLD Base Quarter \$300 Cap Futures	GQ	8	50	12	1.33	22%
QLD Base Quarter \$300 Cap Futures	GQ	8	50	12	1.5	22%
QLD Base Quarter \$300 Cap Futures	GQ	8	50	12	1.67	22%
QLD Base Quarter \$300 Cap Futures	GQ	8	50	12	1.84	22%
QLD Base Quarter \$300 Cap Futures	GQ	8	50	12	2	22%
QLD Base Quarter \$300 Cap Futures	GQ	8	50	12	3	22%
SA Base Quarter \$300 Cap Futures	GS	1	1	3	1	50%
SA Base Quarter \$300 Cap Futures	GS	1	1	3	1.25	50%
SA Base Quarter \$300 Cap Futures	GS	1	1	3	1.33	50%
SA Base Quarter \$300 Cap Futures	GS	1	1	3	1.5	50%
SA Base Quarter \$300 Cap Futures	GS	1	1	3	1.67	50%
SA Base Quarter \$300 Cap Futures	GS	1	1	3	1.84	50%
SA Base Quarter \$300 Cap Futures	GS	1	1	3	2	50%
SA Base Quarter \$300 Cap Futures	GS	1	1	3	3	50%
SA Base Quarter \$300 Cap Futures	GS	2	2	6	1	50%
SA Base Quarter \$300 Cap Futures	GS	2	2	6	1.25	50%
SA Base Quarter \$300 Cap Futures	GS	2	2	6	1.33	50%
SA Base Quarter \$300 Cap Futures	GS	2	2	6	1.5	50%
SA Base Quarter \$300 Cap Futures	GS	2	2	6	1.67	50%
SA Base Quarter \$300 Cap Futures	GS	2	2	6	1.84	50%
SA Base Quarter \$300 Cap Futures	GS	2	2	6	2	50%
SA Base Quarter \$300 Cap Futures	GS	2	2	6	3	50%
SA Base Quarter \$300 Cap Futures	GS	3	3	3	1	21%
SA Base Quarter \$300 Cap Futures	GS	3	3	3	1.25	21%
SA Base Quarter \$300 Cap Futures	GS	3	3	3	1.33	21%





VIC Base Quarter \$300 Cap Futures	GV	8	50	6	1.67	41%
VIC Base Quarter \$300 Cap Futures	GV	8	50	6	1.84	41%
VIC Base Quarter \$300 Cap Futures	GV	8	50	6	2	41%
VIC Base Quarter \$300 Cap Futures	GV	8	50	6	3	41%
NSW Peak Quarter Futures	PN	1	1	1	1	45%
NSW Peak Quarter Futures	PN	1	1	1	1.25	45%
NSW Peak Quarter Futures	PN	1	1	1	1.33	45%
NSW Peak Quarter Futures	PN	1	1	1	1.5	45%
NSW Peak Quarter Futures	PN	1	1	1	1.67	45%
NSW Peak Quarter Futures	PN	1	1	1	1.84	45%
NSW Peak Quarter Futures	PN	1	1	1	2	45%
NSW Peak Quarter Futures	PN	1	1	1	3	45%
NSW Peak Quarter Futures	PN	2	2	6	1	19%
NSW Peak Quarter Futures	PN	2	2	6	1.25	20%
NSW Peak Quarter Futures	PN	2	2	6	1.33	20%
NSW Peak Quarter Futures	PN	2	2	6	1.5	21%
NSW Peak Quarter Futures	PN	2	2	6	1.67	21%
NSW Peak Quarter Futures	PN	2	2	6	1.84	21%
NSW Peak Quarter Futures	PN	2	2	6	2	21%
NSW Peak Quarter Futures	PN	2	2	6	3	21%
NSW Peak Quarter Futures	PN	3	3	6	1	14%
NSW Peak Quarter Futures	PN	3	3	6	1.25	14%
NSW Peak Quarter Futures	PN	3	3	6	1.33	14%
NSW Peak Quarter Futures	PN	3	3	6	1.5	14%
NSW Peak Quarter Futures	PN	3	3	6	1.67	14%
NSW Peak Quarter Futures	PN	3	3	6	1.84	14%
NSW Peak Quarter Futures	PN	3	3	6	2	14%
NSW Peak Quarter Futures	PN	3	3	6	3	14%
NSW Peak Quarter Futures	PN	4	4	3	1	16%
NSW Peak Quarter Futures	PN	4	4	3	1.25	16%
NSW Peak Quarter Futures	PN	4	4	3	1.33	16%
NSW Peak Quarter Futures	PN	4	4	3	1.5	16%
NSW Peak Quarter Futures	PN	4	4	3	1.67	16%
NSW Peak Quarter Futures	PN	4	4	3	1.84	16%
NSW Peak Quarter Futures	PN	4	4	3	2	16%
NSW Peak Quarter Futures	PN	4	4	3	3	16%
NSW Peak Quarter Futures	PN	5	50	3	1	11%
NSW Peak Quarter Futures	PN	5	50	3	1.25	11%
NSW Peak Quarter Futures	PN	5	50	3	1.33	11%
NSW Peak Quarter Futures	PN	5	50	3	1.5	11%
NSW Peak Quarter Futures	PN	5	50	3	1.67	11%
NSW Peak Quarter Futures	PN	5	50	3	1.84	11%
NSW Peak Quarter Futures	PN	5	50	3	2	11%
NSW Peak Quarter Futures	PN	5	50	3	3	11%
QLD Peak Quarter Futures	PQ	1	1	1	1	35%
QLD Peak Quarter Futures	PQ	1	1	1	1.25	39%
QLD Peak Quarter Futures	PQ	1	1	1	1.33	39%
QLD Peak Quarter Futures	PQ	1	1	1	1.5	46%
QLD Peak Quarter Futures	PQ	1	1	1	1.67	46%
QLD Peak Quarter Futures	PQ	1	1	1	1.84	46%
QLD Peak Quarter Futures	PQ	1	1	1	2	46%
QLD Peak Quarter Futures	PQ	1	1	1	3	46%
QLD Peak Quarter Futures	PQ	2	2	3	1	20%
QLD Peak Quarter Futures	PQ	2	2	3	1.25	20%
QLD Peak Quarter Futures	PQ	2	2	3	1.33	20%
QLD Peak Quarter Futures	PQ	2	2	3	1.5	20%
QLD Peak Quarter Futures	PQ	2	2	3	1.67	20%
QLD Peak Quarter Futures	PQ	2	2	3	1.84	20%
QLD Peak Quarter Futures	PQ	2	2	3	2	20%
QLD Peak Quarter Futures	PQ	2	2	3	3	20%
QLD Peak Quarter Futures	PQ	3	3	1	1	20%
QLD Peak Quarter Futures	PQ	3	3	1	1.25	20%
QLD Peak Quarter Futures	PQ	3	3	1	1.33	20%
QLD Peak Quarter Futures	PQ	3	3	1	1.5	20%
QLD Peak Quarter Futures	PQ	3	3	1	1.67	20%
QLD Peak Quarter Futures	PQ	3	3	1	1.84	20%
QLD Peak Quarter Futures	PQ	3	3	1	2	20%
QLD Peak Quarter Futures	PQ	3	3	1	3	20%
QLD Peak Quarter Futures	PQ	4	4	3	1	20%
QLD Peak Quarter Futures	PQ	4	4	3	1.25	20%
QLD Peak Quarter Futures	PQ	4	4	3	1.33	20%
QLD Peak Quarter Futures	PQ	4	4	3	1.5	20%
QLD Peak Quarter Futures	PQ	4	4	3	1.67	20%

QLD Peak Quarter Futures	PQ	4	4	3	1.84	20%
QLD Peak Quarter Futures	PQ	4	4	3	2	20%
QLD Peak Quarter Futures	PQ	4	4	3	3	20%
QLD Peak Quarter Futures	PQ	5	50	3	1	20%
QLD Peak Quarter Futures	PQ	5	50	3	1.25	20%
QLD Peak Quarter Futures	PQ	5	50	3	1.33	20%
QLD Peak Quarter Futures	PQ	5	50	3	1.5	20%
QLD Peak Quarter Futures	PQ	5	50	3	1.67	20%
QLD Peak Quarter Futures	PQ	5	50	3	1.84	20%
QLD Peak Quarter Futures	PQ	5	50	3	2	20%
QLD Peak Quarter Futures	PQ	5	50	3	3	20%
SA Peak Quarter Futures	PS	1	1	1	1	32%
SA Peak Quarter Futures	PS	1	1	1	1.25	32%
SA Peak Quarter Futures	PS	1	1	1	1.33	32%
SA Peak Quarter Futures	PS	1	1	1	1.5	32%
SA Peak Quarter Futures	PS	1	1	1	1.67	32%
SA Peak Quarter Futures	PS	1	1	1	1.84	32%
SA Peak Quarter Futures	PS	1	1	1	2	32%
SA Peak Quarter Futures	PS	1	1	1	3	32%
SA Peak Quarter Futures	PS	2	3	1	1	28%
SA Peak Quarter Futures	PS	2	3	1	1.25	28%
SA Peak Quarter Futures	PS	2	3	1	1.33	28%
SA Peak Quarter Futures	PS	2	3	1	1.5	28%
SA Peak Quarter Futures	PS	2	3	1	1.67	28%
SA Peak Quarter Futures	PS	2	3	1	1.84	28%
SA Peak Quarter Futures	PS	2	3	1	2	28%
SA Peak Quarter Futures	PS	2	3	1	3	28%
SA Peak Quarter Futures	PS	4	50	1	1	11%
SA Peak Quarter Futures	PS	4	50	1	1.25	11%
SA Peak Quarter Futures	PS	4	50	1	1.33	11%
SA Peak Quarter Futures	PS	4	50	1	1.5	11%
SA Peak Quarter Futures	PS	4	50	1	1.67	11%
SA Peak Quarter Futures	PS	4	50	1	1.84	11%
SA Peak Quarter Futures	PS	4	50	1	2	11%
SA Peak Quarter Futures	PS	4	50	1	3	11%
VIC Peak Quarter Futures	PV	1	1	1	1	14%
VIC Peak Quarter Futures	PV	1	1	1	1.25	14%
VIC Peak Quarter Futures	PV	1	1	1	1.33	14%
VIC Peak Quarter Futures	PV	1	1	1	1.5	14%
VIC Peak Quarter Futures	PV	1	1	1	1.67	14%
VIC Peak Quarter Futures	PV	1	1	1	1.84	14%
VIC Peak Quarter Futures	PV	1	1	1	2	14%
VIC Peak Quarter Futures	PV	1	1	1	3	14%
VIC Peak Quarter Futures	PV	2	2	3	1	26%
VIC Peak Quarter Futures	PV	2	2	3	1.25	26%
VIC Peak Quarter Futures	PV	2	2	3	1.33	26%
VIC Peak Quarter Futures	PV	2	2	3	1.5	26%
VIC Peak Quarter Futures	PV	2	2	3	1.67	26%
VIC Peak Quarter Futures	PV	2	2	3	1.84	26%
VIC Peak Quarter Futures	PV	2	2	3	2	26%
VIC Peak Quarter Futures	PV	2	2	3	3	26%
VIC Peak Quarter Futures	PV	3	3	3	1	15%
VIC Peak Quarter Futures	PV	3	3	3	1.25	15%
VIC Peak Quarter Futures	PV	3	3	3	1.33	15%
VIC Peak Quarter Futures	PV	3	3	3	1.5	15%
VIC Peak Quarter Futures	PV	3	3	3	1.67	15%
VIC Peak Quarter Futures	PV	3	3	3	1.84	15%
VIC Peak Quarter Futures	PV	3	3	3	2	15%
VIC Peak Quarter Futures	PV	3	3	3	3	18%
VIC Peak Quarter Futures	PV	4	4	3	1	13%
VIC Peak Quarter Futures	PV	4	4	3	1.25	13%
VIC Peak Quarter Futures	PV	4	4	3	1.33	13%
VIC Peak Quarter Futures	PV	4	4	3	1.5	13%
VIC Peak Quarter Futures	PV	4	4	3	1.67	13%
VIC Peak Quarter Futures	PV	4	4	3	1.84	13%
VIC Peak Quarter Futures	PV	4	4	3	2	13%
VIC Peak Quarter Futures	PV	4	4	3	3	13%
VIC Peak Quarter Futures	PV	5	50	1	1	13%
VIC Peak Quarter Futures	PV	5	50	1	1.25	13%
VIC Peak Quarter Futures	PV	5	50	1	1.33	13%
VIC Peak Quarter Futures	PV	5	50	1	1.5	13%
VIC Peak Quarter Futures	PV	5	50	1	1.67	13%
VIC Peak Quarter Futures	PV	5	50	1	1.84	13%

VIC Peak Quarter Futures	PV	5	50	1	2	13%
VIC Peak Quarter Futures	PV	5	50	1	3	13%

### New Zealand Energy - Initial Margin Rates & Span Parameters

Sector	Code	Commodity Name	Tier Number	Lower Contract	Upper Contract	Price Scanning Range	Volatility Scanning Range	Short Option Minimum	Spot Month Isolation Rate
NZ Electricity	EA	Otahuhu Base Quarter Futures	1	1	1	25%	60%	\$2.20	\$200
NZ Electricity	EA	Otahuhu Base Quarter Futures	2	2	2	25%	50%	\$2.20	-
NZ Electricity	EA	Otahuhu Base Quarter Futures	3	3	3	16%	50%	\$2.20	-
NZ Electricity	EA	Otahuhu Base Quarter Futures	4	4	4	10%	50%	\$2.20	-
NZ Electricity	EA	Otahuhu Base Quarter Futures	5	5	5	8%	50%	\$2.20	-
NZ Electricity	EA	Otahuhu Base Quarter Futures	6	6	6	7%	50%	\$2.20	-
NZ Electricity	EA	Otahuhu Base Quarter Futures	7	7	7	7%	50%	\$2.20	-
NZ Electricity	EA	Otahuhu Base Quarter Futures	8	8	50	7%	50%	\$2.20	-
NZ Electricity	EB	Otahuhu Base Strip Options	1	1	50	14%	50%	\$8.80	-
NZ Electricity	EC	Otahuhu Peak Quarter Futures	1	1	50	23%	-	-	\$40
NZ Electricity	ED	Otahuhu Base Month Futures	1	1	50	43%	-	-	\$40
NZ Electricity	EE	Benmore Base Quarter Futures	1	1	1	25%	60%	\$2.20	\$200
NZ Electricity	EE	Benmore Base Quarter Futures	2	2	2	25%	50%	\$2.20	-
NZ Electricity	EE	Benmore Base Quarter Futures	3	3	3	17%	50%	\$2.20	-
NZ Electricity	EE	Benmore Base Quarter Futures	4	4	4	11%	50%	\$2.20	-
NZ Electricity	EE	Benmore Base Quarter Futures	5	5	5	8%	50%	\$2.20	-
NZ Electricity	EE	Benmore Base Quarter Futures	6	6	6	7%	50%	\$2.20	-
NZ Electricity	EE	Benmore Base Quarter Futures	7	7	9	8%	50%	\$2.20	-
NZ Electricity	EE	Benmore Base Quarter Futures	8	10	50	7%	50%	\$2.20	-
NZ Electricity	EF	Benmore Base Strip Options	1	1	50	15%	50%	\$8.80	-
NZ Electricity	EG	Benmore Peak Quarter Futures	1	1	50	28%	-	-	\$40
NZ Electricity	EH	Benmore Base Month Futures	1	1	50	43%	-	-	\$40
NZ Gas	EX	NZ Natural Gas Calendar Month Futures	1	1	50	20%	-	-	\$400
NZ Gas	EY	NZ Natural Gas Calendar Quarter Futures	1	1	50	15%	-	-	\$400

### New Zealand - Inter-Month Spread Details

Sector	Code	Commodity Name	Priority	Leg 1 - Lower Contract	Leg 1 - Upper Contract	Leg 2 - Lower Contract	Leg 2 - Upper Contract	Rate
NZ Electricity	EA	Otahuhu Base Quarter Futures	1	1	50	1	50	\$1,000
NZ Electricity	EC	Otahuhu Peak Quarter Futures	1	1	50	1	50	\$70
NZ Electricity	ED	Otahuhu Base Month Futures	1	1	50	1	50	\$140
NZ Electricity	EE	Benmore Base Quarter Futures	1	1	50	1	50	\$1,000
NZ Electricity	EG	Benmore Peak Quarter Futures	1	1	50	1	50	\$110
NZ Electricity	EH	Benmore Base Month Futures	1	1	50	1	50	\$140
NZ Gas	EX	NZ Natural Gas Calendar Month Futures	1	1	50	1	50	\$3,000
NZ Gas	EY	NZ Natural Gas Calendar Quarter Futures	1	1	50	1	50	\$8,500

### New Zealand - Inter-Commodity Concessions

Code A	Commodity A	Code B	Commodity B	ICC	Delta Spread A	Delta Spread B
EA	Otahuhu Base Quarter Futures	EE	Benmore Base Quarter Futures	65%	1	1
EB	Otahuhu Base Strip Options	EA	Otahuhu Base Quarter Futures	-	1	4
EF	Benmore Base Strip Options	EE	Benmore Base Quarter Futures	-	1	4
EB	Otahuhu Base Strip Options	EF	Benmore Base Strip Options	-	1	1
EB	Otahuhu Base Strip Options	ED	Otahuhu Base Month Futures	-	1	12
EF	Benmore Base Strip Options	EH	Benmore Base Month Futures	-	1	12
EA	Otahuhu Base Quarter Futures	ED	Otahuhu Base Month Futures	25%	1	3
EE	Benmore Base Quarter Futures	EH	Benmore Base Month Futures	25%	1	3