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POWERLINK QUEENSLAND REVENUE PROPOSAL

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STPIS NCC Network Limits Information for
NCIPAP Priority Projects

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Delivering better value



**Priority Project 1: Increase Design Temperature of Bouldercombe to Raglan
and Larcom Creek to Calliope River 275kV Transmission Lines**

Transmission Line		811	8859
	Substation 1	[REDACTED]	[REDACTED]
	Substation 2	[REDACTED]	[REDACTED]
Ratings (Amps)	Summer 1m/s	[REDACTED]	[REDACTED]
	Shoulder 1m/s	[REDACTED]	[REDACTED]
	Winter 1m/s	[REDACTED]	[REDACTED]
	Winter emergency	[REDACTED]	[REDACTED]
Limitation caused by		[REDACTED]	[REDACTED]
Limiting element		[REDACTED]	[REDACTED]
Rating type		[REDACTED]	[REDACTED]
Impacted spans		[REDACTED]	[REDACTED]
Assumptions	Ambient temperature for summer	[REDACTED]	[REDACTED]
	Ambient temperature for shoulder	[REDACTED]	[REDACTED]
	Ambient temperature for winter	[REDACTED]	[REDACTED]
	Wind speed for 1m/s rating	[REDACTED]	[REDACTED]
	Wind speed for emergency rating	[REDACTED]	[REDACTED]
	Wind direction	[REDACTED]	[REDACTED]
Weather monitoring	Weather monitoring present	[REDACTED]	[REDACTED]
	Measurements	[REDACTED]	[REDACTED]
	Dynamic ratings applied operationally	[REDACTED]	[REDACTED]
Summary of limitations		[REDACTED]	[REDACTED]
Single line diagrams		[REDACTED]	[REDACTED]
Substation 1 plant data	CT Rating (Amps)	[REDACTED]	[REDACTED]
	CB Rating (Amps)	[REDACTED]	[REDACTED]
	Dropper Rating (Amps)	[REDACTED]	[REDACTED]
Substation 2 plant data	CT Rating (Amps)	[REDACTED]	[REDACTED]
	CB Rating (Amps)	[REDACTED]	[REDACTED]
	Dropper Rating (Amps)	[REDACTED]	[REDACTED]
Protection setting	Location	[REDACTED]	[REDACTED]
	Rating (Amps)	[REDACTED]	[REDACTED]
Limiting conductor type		[REDACTED]	[REDACTED]
Route length (km)		[REDACTED]	[REDACTED]
Ability to transfer load		[REDACTED]	[REDACTED]

**CONFIDENTIAL Attachment to Reset RIN Compliance Checklist
STPIS NCC Network Limits Information for NCIPAP Priority Projects**



Transmission Line	811	8859
Plant outage investigation report	[REDACTED]	[REDACTED]
Plant unplanned outage data (the most recent 5 years)	[REDACTED]	[REDACTED]
Limit addressed by priority project	[REDACTED]	[REDACTED]



Priority Project 2: Greenbank System Integrity Protection Scheme (SIPS)

Cutset	Gold Coast	Feeder 835 Greenbank to Mudgeeraba
Definition	[REDACTED]	[REDACTED]
Limit type	[REDACTED]	[REDACTED]
Upper limit	[REDACTED]	[REDACTED]
Description	[REDACTED]	[REDACTED]
Limit addressed by priority project	[REDACTED]	[REDACTED]

Transmission line	805	817	8819	8842
Substation 1	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Substation 2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Ratings (Amps)				
Summer 1m/s	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Shoulder 1m/s	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Winter 1m/s	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Winter Emergency	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Limitation caused by	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Limiting element	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Rating type	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Impacted spans	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

**CONFIDENTIAL Attachment to Reset RIN Compliance Checklist
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Transmission line		805	817	8819	8842
Assumptions	Ambient temperature for summer	█	█	█	█
	Ambient temperature for shoulder	█	█	█	█
	Ambient temperature for winter	█	█	█	█
	Wind speed for 1m/s rating	█	█	█	█
	Wind speed for emergency rating	█	█	█	█
	Wind direction	█	█	█	█
Weather monitoring	Weather monitoring present	█	█	█	█
	Measurements	█	█	█	█
	Dynamic ratings applied operationally	█	█	█	█
Summary of limitations		█	█	█	█
Single line diagrams		█	█	█	█
Substation 1 plant data	CT Rating (Amps)	█	█	█	█
	CB Rating (Amps)	█	█	█	█
	Dropper Rating (Amps)	█	█	█	█
Substation 2 plant data	CT Rating (Amps)	█	█	█	█
	CB Rating (Amps)	█	█	█	█
	Dropper Rating (Amps)	█	█	█	█
Protection setting	Location		█	█	█
	Rating (Amps)	█	█	█	█
Limiting conductor type		█	█	█	█
Route length (km)		█	█	█	█
Ability to transfer load		█	█	█	█



Transmission line	805	817	8819	8842
Plant outage investigation report	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Plant unplanned outage data (the most recent 5 years)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Limit addressed by priority project	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]



Priority Project 3: Load Model Enhancement and Validation

In relation to this project, no limits have been identified in accordance with regulatory template 7.9.3.

