

Instructions

This template must be used by Directlink to report service performance information for **2016** (1 Jul - 31 Dec 2016)

Inputs

- Blue, yellow and green worksheets are for inputs, including performance and exclusion information. The TNSP only needs to enter data on these worksheets
 - To add more rows in the Inputs-exclusions tabs please insert rows after row 4.
- Cells where TNSP input is required are shaded orange:
- Cells where the input is sourced from the revenue proposal are shaded green:

Calculations

- Purple worksheets are the s-factor results based on the performance inputs entered by the TNSP. These are automatically calculated.
- cells where a calculation occurs are shaded grey with orange text:

Outcomes

- The red worksheet shows the total performance, s-factor and financial incentive results based on the TNSP's performance inputs.

	Collar	Target	Cap	Weighting
s1	500.00	333.00	167.00	1.0
s2	383.31	180.00	35.19	0.0
s3	8.0	4.0	1.0	0.0
s4	N/A	N/A	N/A	0.0
s5	N/A	N/A	N/A	0.0

Proper operation of equipment
 failure of protection system
 Material failure of SCADA
 Incorrect operational isolation of equipment

	2015-16	2016-17	2017-18	2018-19	2019-20
Annual revenue (\$2015-16)	13,059,974				
Annual revenue adjusted for CPI	13,059,974	13,373,411	13,570,804		
Calendar year revenue	2H 2015	2016	2017	2018	1H 2019
Revenue	6,529,987	13,216,692	13,521,456		

Other inputs
 Assessment Period: 2016
 Financial year to affect revenue: 2017/18
 Date prepared:
 Revision date: 22-Jan-16

Unit	Performance	
	without exclusions	with exclusions
average circuit outage rate (%)	633.3	666.7
average circuit outage rate (%)	233.3	233.3
number of events per annum	4	4
number of events per annum	0	0
number of events per annum	0	0

Number of events pa - 2016			
without exclusions	with exclusions	exclusions	no. or defined circuits
	21	0	3
	7	4	3

Number of events pa - 2015			
without exclusions	with exclusions	exclusions	no. or defined circuits
19	19	0	3
7	7	0	3

Average (2015, 2016)			
without exclusions	with exclusions	exclusions	no. or defined circuits
19	20	0	3
7	7	2	3

	Dec-14	Dec-15	Dec-16	Dec-17	Dec-18	Dec-19
CPI	106.6	108.4	110			

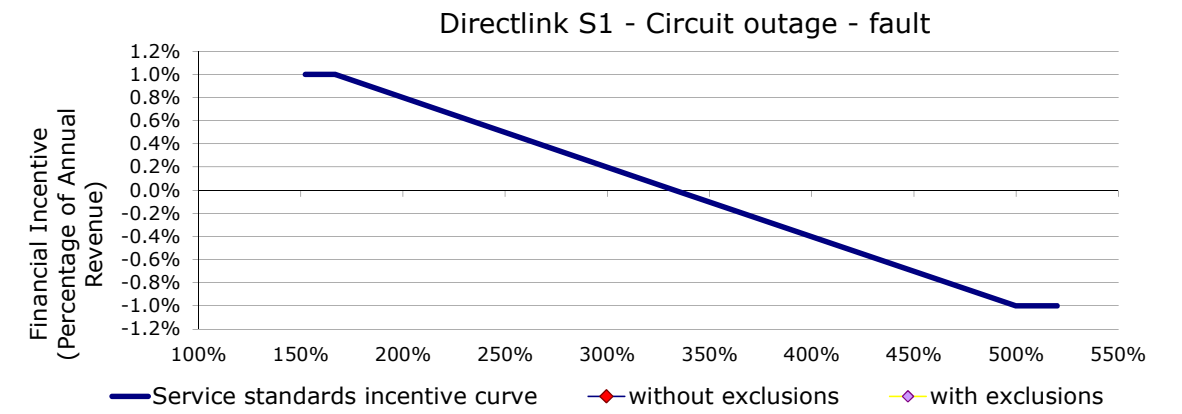
Parameter	Average circuit outage rate	Event proposed for exclusion	Description of the event and its impact on the network and performance	Cause of the event	Count of circuit events	Circuits affected	Reasons for exclusion request	Further references
	Name of any average circuit outage rate parameters applying to Directlink	Name of the event	Detail of the event. Such as: the action of any third parties, the actions of the TNSP, assets damaged or interrupted.	A description of the cause of the event	Identify the events that are to be excluded from the performance measure	Name of circuits affected	Full details of the reason/s for excluding this event. Should include a reference to the defined exclusions and explain how it meets this exclusion definition (see Exclusion definition tab). Eg. Exclusion 1.2 Third party event.	A TNSP may provide further details of an exclusion event. Please provide reference to any attachments submitted.
S								AER assessment
S1					1			
S1					1			
S1					1			
S2					1			
S2	Circuit outage - forced outage		Trip of Directlink Mullumbimby System 1 converter station	Transgrid Fault (they do not have anything on a trip of 89 Fdr. Only ref is on the daily log J-26512-d. Ben Young was working on Repairs to BC2 in Mullumbimby Zone Was investigated by Rob Harvey at 18:06 to 19:23.	1	Directlink Sys 1	Exclusion 1.2 Third Party Event	Need further information from ML showing Transgrid confirm they are responsible for the outage
S2	Circuit outage - forced outage		Trip of Directlink bungalora System 1 converter station	F-27420-d At Terranora TNA9B3 Trip. Unknown fault. No trip on the Bungalora end at BLA9B1.		Directlink Sys 1	Exclusion 1.2 Third Party Event	
S2	Circuit outage - forced outage		Trip of Directlink bungalora System 2 converter station	F-27420-d At Terranora TNA9B3 Trip. Unknown fault. No trip on the Bungalora end at BLA9B1.		Directlink Sys 2	Exclusion 1.2 Third Party Event	
S2	Circuit outage - forced outage		Trip of Directlink bungalora System 3 converter station	F-27420-d At Terranora TNA9B3 Trip. Unknown fault. No trip on the Bungalora end at BLA9B1.	1	Directlink Sys 3	Exclusion 1.2 Third Party Event	

Directlink - s1 - Circuit outage - fault

Performance Targets	Graph				Graph end
	start	Collar	Target	Cap	
Circuit outage - fault	520.0%	500.0%	333.0%	167.0%	152.2%
Weighting	-1.0000%	-1.0000%	0.0000%	1.0000%	1.0000%

Performance Outcomes		without	with
		exclusions	exclusions
Circuit outage - fault	=	633%	667%
S-Factor	=	-1.00%	-1.00%

Performance Formulae	Formulae					Conditions			S- Calc 1	S- Calc 2
	Performance	=	-0.0100				500.0% < line outage			-0.0100
	=	-0.0060	x	line outage	+	333.0% ≤ line outage	≤	500.0%	-0.0180	-0.0200
	=	-0.0060	x	line outage	+	167.0% ≤ line outage	≤	333.0%	-0.0181	-0.0201
	=	0.0100				line outage	<	167.0%	0.0100	0.0100



Directlink - s2 - Circuit outage - forced outage

Performance Targets	Graph				Graph end
	start	Collar	Target	Cap	
Circuit outage - forced out	403.30%	383.31%	180.00%	35.19%	15.20%
Weighting	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%

Performance Outcomes		without	with
		exclusions	exclusions
Circuit outage - forced outage	=	233%	233%
S-Factor	=	0.00%	0.00%

Performance Formulae	Formulae					Conditions			S- Calc 1	S- Calc 2
	Performance	=	0.0000				383.31% < transformers outage			0.0000
	=	0.0000	x	transformers out	+	180.0% ≤ transformers outage	≤	383.3%	0.0000	0.0000
	=	0.0000	x	transformers out	+	35.2% ≤ transformers outage	≤	180.0%	0.0000	0.0000
	=	0.0000				transformers outage	<	35.2%	0.0000	0.0000

Directlink - Performance outcomes

Aggregate outcome

S-factor	-1.000%
Financial Incentive	-\$132,167
Financial year affected by financial incentive	2016-17

S	Performance parameter	Target	Performance without exclusions			Performance with exclusions			Impact of exclusions
			Performance	S-Factor	Final Incentive	Performance	S-Factor	Final Incentive	
s1	Circuit outage - fault	333.00%	633.33%	-1.00%	-\$132,167	666.67%	-1.00%	-\$132,167	0.00%
s2	Circuit outage - forced outage	180.00%	233.33%	0.00%	\$0	233.33%	0.00%	\$0	0.00%
TOTALS				-1.00%	-\$132,167		-1.00%	-\$132,167	0.00%

Revenue calendar year: \$13,216,692