

Instructions

This template must be used by Directlink to report service performance information for **2H 2015** (1 Jul - 31 Dec 2015)

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:

TNSP input required
revenue proposal

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:

calculation cell

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
Proper operation of equipment				
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

TNSP
 STPIS version
 Regulatory Determination
 Base Year Allowed Revenue
 Base Year
 Commencement of regulatory year
 XFactor

Directlink
 September, 2014
 2015/16 - 2019/20
 13,059,974
 2015-16
 1 Jul 2015
 0.00%

	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	13,280,499			
Calendar year revenue	2H 2015	2016	2017	2018	1H 2019
Revenue	6,529,987				

Other inputs
 Assessment Period
 Financial year to affect revenue:
 Date prepared:
 Revision date:

2H 2015
 2016/17
 22-Jan-16
 22-Jan-16

Unit	Performance	
	without exclusions	with exclusions
average circuit outage rate (%)	466.7	433.3
average circuit outage rate (%)	350.0	316.7
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 - 2015			
without exclusions	with exclusions	exclusions	No. of defined circuits
19	19	0	3
7	7	0	3

Number of events pa - 2014			
without exclusions	with exclusions	exclusions	No. of defined circuits
9	7	2	3
14	12	2	3

Average (2014, 2015)			
without exclusions	with exclusions	exclusions	No. of defined circuits
14	13	1	3
11	10	1	3

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

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								
S1		LOSS OF AUXILIARY POWER	Loss of both auxiliary power supplies to the Bungalora Converter Station	Fault on Essential Energy network	1	Directlink system 2	Third Party Event	
S1		LOSS OF AUXILIARY POWER	Loss of both auxiliary power supplies to the Bungalora Converter Station	Fault on Essential Energy network	1	Directlink system 3	Third Party Event	
S1		LOSS OF AUXILIARY POWER	Loss of both auxiliary power supplies to the Bungalora Converter Station	Fault on Essential Energy network	1	Directlink system 2	Third Party Event	
S1		LOSS OF AUXILIARY POWER	Loss of both auxiliary power supplies to the Bungalora Converter Station	Fault on Essential Energy network	1	Directlink system 3	Third Party Event	
					0			

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S								
S1		INTERTRIP	Trip caused by faults on Essential Energy network	A series of short duration auxiliary power failures preceded the Directlink Mullumbimby circuit breakers being opened by the line 89 tripping scheme.	1	Directlink System 2	Third Party Event	
S1		INTERTRIP	Trip caused by faults on Essential Energy network	A series of short duration auxiliary power failures preceded the Directlink Mullumbimby circuit breakers being opened by the line 89 tripping scheme.	1	Directlink System 3	Third Party Event	
S2		INTERTRIP	Trip caused by Essential Energy work on line 89.	Directlink Mullumbimby circuit breakers opened by the line 89 tripping scheme.	1	Directlink System 2	Third Party Event	
S2		INTERTRIP	Trip caused by Essential Energy work on line 89.	Directlink Mullumbimby circuit breakers opened by the line 89 tripping scheme.	1	Directlink System 3	Third Party Event	

Directlink - s1 - Circuit outage - fault

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

Performance Outcomes		without exclusions	with exclusions
Circuit outage - fault	=	467%	433%
S-Factor	=	-0.80%	-0.60%

Performance Formulae	Formulae				
Performance	=	-0.0100			
	=	-0.0060	x	line outage	+ 0.0199
	=	-0.0060	x	line outage	+ 0.0201
	=	0.0100			

Conditions	S- Calc 1	S- Calc 2
500.0% < line outage	-0.0100	-0.0100
333.0% ≤ line outage	-0.0080	-0.0060
167.0% ≤ line outage	-0.0081	-0.0060
line outage < 167.0%	0.0100	0.0100

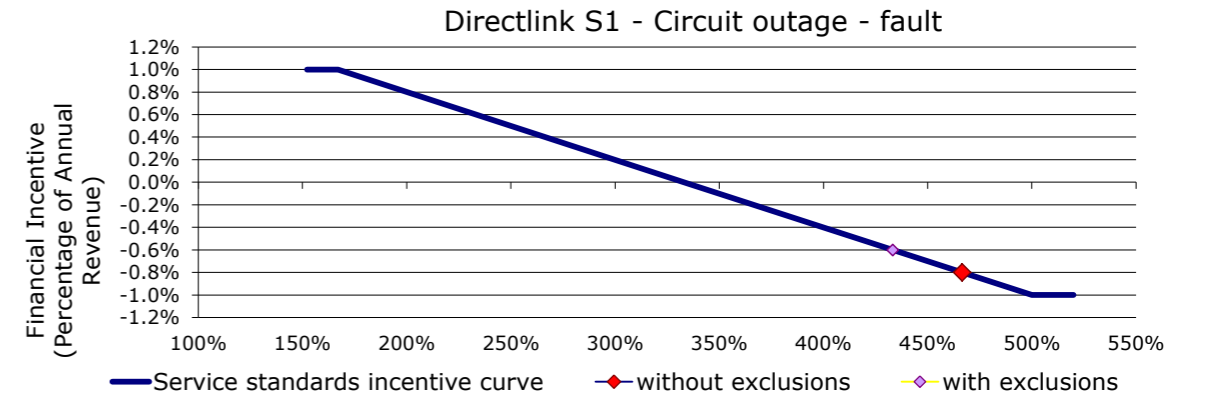
Directlink - s2 - Circuit outage - forced outage

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

Performance Outcomes		without exclusions	with exclusions
Circuit outage - forced outage	=	350%	317%
S-Factor	=	0.00%	0.00%

Performance Formulae	Formulae				
Performance	=	0.0000			
	=	0.0000	x	transformers out	+ 0.0000
	=	0.0000	x	transformers out	+ 0.0000
	=	0.0000			

Conditions	S- Calc 1	S- Calc 2
383.31% < transformers outage	0.0000	0.0000
180.0% ≤ transformers outage	0.0000	0.0000
35.2% ≤ transformers outage	0.0000	0.0000
transformers outage < 35.2%	0.0000	0.0000



Directlink - Performance outcomes

Aggregate outcome

S-factor	-0.601%
Financial Incentive	-\$39,232
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%	466.67%	-0.80%	-\$52,266	433.33%	-0.60%	-\$39,232	0.20%
s2	Circuit outage - forced outage	180.00%	350.00%	0.00%	\$0	316.67%	0.00%	\$0	0.00%
TOTALS				-0.80%	-\$52,266		-0.60%	-\$39,232	0.20%

Revenue calendar year: \$6,529,987