



**ID-only Information Disclosure Requirements
Quality Information Templates
for
Schedule 20**

Regulated Provider	Northpower Fibre Limited
Disclosure Date	31 August 2024
Disclosure Month (month ended)	30 November 2023

Templates for Schedules 20
Template Version 3. Prepared April 2024

Workbook Version History

Workbook Version and Date	Determination
v1, 30 November 2021	Fibre ID Determination 2021 [2021] NZCC 24
v2, 28 July 2022	Fibre ID Amendment Determination 2022 [2022] NZCC 26
v3, 3 April 2024	Fibre ID (Non-material) Amendment Determination [2024] NZCC 4

Disclosure Template Instructions

These templates have been prepared for use by regulated providers when making disclosures under clause 2.4.4 of the main body of the determination. These templates should be recorded monthly and disclosed annually. There is an exception: End-User Survey results in Template S20(iv) only needs to be conducted and disclosed quarterly per clauses 2.4.4(3) and 2.4.4(4)(b). In other words, these templates should be filled in for each month of the year, and disclosed annually. This means that each year twelve of these templates will need to be disclosed.

Company Name and Dates

To prepare the templates for disclosure, the date of the last day of the disclosure month should be entered in cell C13, and the date on which the information is disclosed should be entered in cell C11 of the CoverSheet worksheet.

The Cover Sheet cell entries are used in the template title blocks.

Dates should be entered in day/month/year order (Example -"31 December 2021").

Data Entry Cells and Calculated Cells

Data entered into this workbook may be entered only into the data entry cells (see Cell colouring below). Data entry cells are the bordered, shaded areas (light yellow cells) in each template. Under no circumstances should data be entered into the workbook outside a data entry cell.

In some cases, where the information for disclosure is able to be ascertained from disclosures elsewhere in the workbook, such information is disclosed in a calculated cell. Calculated cells and pre-defined cells are shaded.

Schedule References

The column labelled row of each table can be used to reference individual rows of the schedule. It may be useful to refer to a row when writing explanatory notes about a specific data point.

Worksheet Completion Sequence

Calculation cells may show an incorrect value until precedent cell entries have been completed. Data entry may be assisted by completing the schedules in the following order:

1. Cover Sheet
2. Schedule 20(i)
3. Schedule 20(ii)
4. Schedule 20(iii)
5. Schedule 20(iv)
6. Schedule 20(v)

SCHEDULE 20: REPORT ON QUALITY FOR ID

20(i): Provisioning

Section	Row	Category1 POI area	Category2 Service layer	Category3	Total connections provisioned	Median Provisioning time Days	Number met agreed date	Percentage met agreed date	Percentage of simple new connection orders that took ≥ 50 calendar days	Percentage of complex new connection orders that took ≥ 120 calendar days
20(i): Provisioning	4	Whangarei	Layer 1	Simple New Connection						
20(i): Provisioning	5	Whangarei	Layer 1	Complex New Connection	-					
20(i): Provisioning	6	Whangarei	Layer 1	Transport Services						
20(i): Provisioning	7	Whangarei	Layer 2	Intact (remote activation)	762	1.8	762.0	100.00%		
20(i): Provisioning	8	Whangarei	Layer 2	Intact (truck roll required)	14	9.6	14.0	100.00%		
20(i): Provisioning	9	Whangarei	Layer 2	Simple New Connection	151	20.0	145.0	96.03%	10.60%	
20(i): Provisioning	10	Whangarei	Layer 2	Complex New Connection	9	10.4	9.0	100.00%		0.00%
20(i): Provisioning	11	Whangarei	Layer 2	Transport Services						
20(i): Provisioning	12	[POI area]	Layer 1	Simple New Connection						
20(i): Provisioning	13	[POI area]	Layer 1	Complex New Connection						
20(i): Provisioning	14	[POI area]	Layer 1	Transport Services						
20(i): Provisioning	15	[POI area]	Layer 2	Intact (remote activation)						
20(i): Provisioning	16	[POI area]	Layer 2	Intact (truck roll required)						
20(i): Provisioning	17	[POI area]	Layer 2	Simple New Connection						
20(i): Provisioning	18	[POI area]	Layer 2	Complex New Connection						
20(i): Provisioning	19	[POI area]	Layer 2	Transport Services						
20(i): Provisioning	20	[POI area]	Layer 1	Simple New Connection						
20(i): Provisioning	21	[POI area]	Layer 1	Complex New Connection						
20(i): Provisioning	22	[POI area]	Layer 1	Transport Services						
20(i): Provisioning	23	[POI area]	Layer 2	Intact (remote activation)						
20(i): Provisioning	24	[POI area]	Layer 2	Intact (truck roll required)						
20(i): Provisioning	25	[POI area]	Layer 2	Simple New Connection						
20(i): Provisioning	26	[POI area]	Layer 2	Complex New Connection						
20(i): Provisioning	27	[POI area]	Layer 2	Transport Services						
20(i): Provisioning	28	[POI area]	Layer 1	Simple New Connection						
20(i): Provisioning	29	[POI area]	Layer 1	Complex New Connection						
20(i): Provisioning	30	[POI area]	Layer 1	Transport Services						
20(i): Provisioning	31	[POI area]	Layer 2	Intact (remote activation)						
20(i): Provisioning	32	[POI area]	Layer 2	Intact (truck roll required)						
20(i): Provisioning	33	[POI area]	Layer 2	Simple New Connection						
20(i): Provisioning	34	[POI area]	Layer 2	Complex New Connection						
20(i): Provisioning	35	[POI area]	Layer 2	Transport Services						
20(i): Provisioning	36	[POI area]	Layer 1	Simple New Connection						
20(i): Provisioning	37	[POI area]	Layer 1	Complex New Connection						
20(i): Provisioning	38	[POI area]	Layer 1	Transport Services						
20(i): Provisioning	39	[POI area]	Layer 2	Intact (remote activation)						
20(i): Provisioning	40	[POI area]	Layer 2	Intact (truck roll required)						
20(i): Provisioning	41	[POI area]	Layer 2	Simple New Connection						
20(i): Provisioning	42	[POI area]	Layer 2	Complex New Connection						
20(i): Provisioning	43	[POI area]	Layer 2	Transport Services						

SCHEDULE 20: REPORT ON QUALITY

20(ii): Faults

Section	Row	Category1 POI area	Category2 Fault type	Category3 Fault cause	Number of faults	Faults per 100 connections	Percentage of regulated provider faults that met expected restoration time	Percentage of regulated provider faults not restored within 2 calendar days
20(ii): Faults	4	Whangarei	Regulated Provider Faults	Layer 1	5	0.02	80.00	-
20(ii): Faults	5	Whangarei	Regulated Provider Faults	Layer 2	7	0.03	71.43	28.57
20(ii): Faults	6	Whangarei	Regulated Provider Faults	ONT	9	0.04	66.67	33.33
20(ii): Faults	7	Whangarei	Non Regulated Provider Faults	No fault found	47			
20(ii): Faults	8	[POI area]	Regulated Provider Faults	Layer 1				
20(ii): Faults	9	[POI area]	Regulated Provider Faults	Layer 2				
20(ii): Faults	10	[POI area]	Regulated Provider Faults	ONT				
20(ii): Faults	11	[POI area]	Non Regulated Provider Faults	No fault found				
20(ii): Faults	12	[POI area]	Regulated Provider Faults	Layer 1				
20(ii): Faults	13	[POI area]	Regulated Provider Faults	Layer 2				
20(ii): Faults	14	[POI area]	Regulated Provider Faults	ONT				
20(ii): Faults	15	[POI area]	Non Regulated Provider Faults	No fault found				
20(ii): Faults	16	[POI area]	Regulated Provider Faults	Layer 1				
20(ii): Faults	17	[POI area]	Regulated Provider Faults	Layer 2				
20(ii): Faults	18	[POI area]	Regulated Provider Faults	ONT				
20(ii): Faults	19	[POI area]	Non Regulated Provider Faults	No fault found				
20(ii): Faults	20	[POI area]	Regulated Provider Faults	Layer 1				
20(ii): Faults	21	[POI area]	Regulated Provider Faults	Layer 2				
20(ii): Faults	22	[POI area]	Regulated Provider Faults	ONT				
20(ii): Faults	23	[POI area]	Non Regulated Provider Faults	No fault found				
20(ii): Faults	24	[POI area]	Regulated Provider Faults	Layer 1				
20(ii): Faults	25	[POI area]	Regulated Provider Faults	Layer 2				
20(ii): Faults	26	[POI area]	Regulated Provider Faults	ONT				
20(ii): Faults	27	[POI area]	Non Regulated Provider Faults	No fault found				
20(ii): Faults	28	[POI area]	Regulated Provider Faults	Layer 1				
20(ii): Faults	29	[POI area]	Regulated Provider Faults	Layer 2				
20(ii): Faults	30	[POI area]	Regulated Provider Faults	ONT				
20(ii): Faults	31	[POI area]	Non Regulated Provider Faults	No fault found				
20(ii): Faults	32	[POI area]	Regulated Provider Faults	Layer 1				
20(ii): Faults	33	[POI area]	Regulated Provider Faults	Layer 2				
20(ii): Faults	34	[POI area]	Regulated Provider Faults	ONT				
20(ii): Faults	35	[POI area]	Non Regulated Provider Faults	No fault found				
20(ii): Faults	36	[POI area]	Regulated Provider Faults	Layer 1				
20(ii): Faults	37	[POI area]	Regulated Provider Faults	Layer 2				
20(ii): Faults	38	[POI area]	Regulated Provider Faults	ONT				
20(ii): Faults	39	[POI area]	Non Regulated Provider Faults	No fault found				
20(ii): Faults	40	[POI area]	Regulated Provider Faults	Layer 1				
20(ii): Faults	41	[POI area]	Regulated Provider Faults	Layer 2				
20(ii): Faults	42	[POI area]	Regulated Provider Faults	ONT				
20(ii): Faults	43	[POI area]	Non Regulated Provider Faults	No fault found				

SCHEDULE 20: REPORT ON QUALITY

20(iv): Performance

Section	Row	Category1	Category2	Traffic performance Number of active OLT reference probes	Traffic performance Number of 5-minute samples	Traffic performance Textual report on significant changes or network events
20(iv): Performance	4	National	Traffic performance measures	21	181,440	

20(iv): Performance

Section	Row	Category1	Category2	Traffic performance Number of traffic performance exceedances of the threshold	Traffic performance Percentage of traffic performance exceedances of the threshold
20(iv): Performance	9	National	High priority traffic Frame delay ≤5mS	4,491	2.4752%
20(iv): Performance	10	National	High priority traffic Frame delay variation ≤3mS	4,688	2.5838%
20(iv): Performance	11	National	High priority traffic frame loss ratio ≤0.1%	544	0.2998%
20(iv): Performance	12	National	Low priority traffic frame loss ratio ≤2%	81	0.0446%

SCHEDULE 20: REPORT ON QUALITY

20(iv): Performance

Section	Row	Category1 POI area	Category2	Port performance Percentage of ports
20(iv): Performance	17	Whangarei	Port utilisation ≤70% threshold	96.3200%
20(iv): Performance	18	Whangarei	Port utilisation ≥90% threshold	1.5800%
20(iv): Performance	19	Whangarei	Port utilisation ≥95% threshold	0.5300%
20(iv): Performance	20	[POI area]	Port utilisation ≤70% threshold	
20(iv): Performance	21	[POI area]	Port utilisation ≥90% threshold	
20(iv): Performance	22	[POI area]	Port utilisation ≥95% threshold	
20(iv): Performance	23	[POI area]	Port utilisation ≤70% threshold	
20(iv): Performance	24	[POI area]	Port utilisation ≥90% threshold	
20(iv): Performance	25	[POI area]	Port utilisation ≥95% threshold	
20(iv): Performance	26	[POI area]	Port utilisation ≤70% threshold	
20(iv): Performance	27	[POI area]	Port utilisation ≥90% threshold	
20(iv): Performance	28	[POI area]	Port utilisation ≥95% threshold	
20(iv): Performance	29	[POI area]	Port utilisation ≤70% threshold	
20(iv): Performance	30	[POI area]	Port utilisation ≥90% threshold	
20(iv): Performance	31	[POI area]	Port utilisation ≥95% threshold	
20(iv): Performance	32	[POI area]	Port utilisation ≤70% threshold	
20(iv): Performance	33	[POI area]	Port utilisation ≥90% threshold	
20(iv): Performance	34	[POI area]	Port utilisation ≥95% threshold	
20(iv): Performance	35	[POI area]	Port utilisation ≤70% threshold	
20(iv): Performance	36	[POI area]	Port utilisation ≥90% threshold	
20(iv): Performance	37	[POI area]	Port utilisation ≥95% threshold	
20(iv): Performance	38	[POI area]	Port utilisation ≤70% threshold	
20(iv): Performance	39	[POI area]	Port utilisation ≥90% threshold	
20(iv): Performance	40	[POI area]	Port utilisation ≥95% threshold	
20(iv): Performance	41	[POI area]	Port utilisation ≤70% threshold	
20(iv): Performance	42	[POI area]	Port utilisation ≥90% threshold	
20(iv): Performance	43	[POI area]	Port utilisation ≥95% threshold	
20(iv): Performance	44	[POI area]	Port utilisation ≤70% threshold	
20(iv): Performance	45	[POI area]	Port utilisation ≥90% threshold	
20(iv): Performance	46	[POI area]	Port utilisation ≥95% threshold	

SCHEDULE 20: REPORT ON QUALITY

20(v): Cust. Service

Section	Row	Category1	Category2	End-user survey results (quarterly) Number surveyed	End-user survey results (quarterly) Average score
20(v): Cust. Service	4	Installation quality satisfaction		25	9.8
20(v): Cust. Service	5	Installation process satisfaction		25	9.2
20(v): Cust. Service	6	Fibre broadband performance satisfaction		24	9.2

20(v): Cust. Service

Section	Row	Category1	Category2	Missed provisioning appointments Number of appointments	Missed provisioning appointments Number of provisioning appointments missed
20(v): Cust. Service	11	Installation quality satisfaction		160	6