

November 4, 2022

Mr. Gordon Van Tighem, Chairman NWT
Public Utilities Board
#203-62 Woodland Drive
Box 4211
Hay River, NT, X0E 1G1

Dear Mr. Van Tighem,

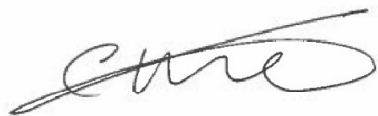
RE: Northwest Territories Power Corporation – 2022-23 GRA Information Request to Undertakings

In accordance with the Board's September 12th, 2022 proceeding schedule, NTPC herewith files its Information Requests to Undertakings to:

1. NWT Public Utilities Board (BR); and
2. Thermal Generation Communities (TGC).

Please feel free to contact me at (867)874-5254 if you have any questions on this matter.

Respectfully,



Chuck Myles acting on behalf of Paul Grant
Chief Financial Officer
Northwest Territories Power Corporation

c.c. Distribution List

Topic: Rate Proposal

Reference: Undertaking #12

Preamble:

The Board notes from the response to undertaking #12 that the proposed revenue to cost coverage (RCC) ratio for the Taltson Zone is higher than that approved at the last Phase II GRA. Since a Phase II proceeding has not been conducted the Board wishes to examine an alternative scenario where the RCC ratios are maintained at the level last approved by the Board. Accordingly, the Board wishes to review an alternative scenario for review purposes.

Requests:

- a) Please complete the grey shaded information in Table 1 below (in Excel Format):

Table 1				
	NTPC Prop RCC Per Und. 12	NTPC Prop RCC with Thermal Zone COS Adjusted for Requested	2018/19 Phase II Approved	Alternative for Review
	A	B	C	D
Snare	99.5%	99.5%	101.2%	
Taltson	92.3%	92.3%	84.9%	
Thermal Excluding Norman Wells				
Norman Wells				
Thermal Including Norman Wells	97.8%	102.0%	101.1%	

The Columns in Table 1 are described as follows:

- Column A: The proposed RCC per Undertaking #12
- Column B: The NTPC proposed RCC per Undertaking 12 with the COS numbers for the Thermal Zone adjusted proportionately to reflect the difference between requested recovery and revenue requirement
- Column C: The RCC ratios approved at the last Phase II
- Column D: The Alternative for Review scenario should reflect the following conditions:

- a) No rate classes to receive rate rebalancing related increases greater than 1% for non Government and 3% for Government customers, in addition to any general increases;
 - b) Since a Phase II proceeding has not been completed the proposed increases for each Zone and class should result in RCC ratios that approximate the last approved RCC ratios unless there are supporting reasons which should be clearly identified and explained.
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- b) Please complete the following Table 2 (in Excel Format) providing details of the revenue increases requested in a) above, by rate class and by Zone.

Table 2						
	NTPC Proposed per Und. 12			Alternative for Review		
	Existing Interim Revenues	NTPC Proposed Revenues	% Increase	Existing Interim Revenues	Alternative for Review Revenues	% Increase
	A	B	C	D	E	F
NTPC Total						
Ratio						
Snare Zone Total						
Non Government						
Residential						
General Service						
Government						
Residential						
General Service						
Other						
Wholesale						
Industrial						
Street Lighting						
Taltson Zone Total						
Non Government						
Residential						
General Service						
Government						
Residential						
General Service						
Other						
Wholesale						
Industrial						
Street Lighting						
Thermal Zone Total						
Non Government						
Residential						
General Service						
Government						
Residential						
General Service						
Other						
Wholesale						
Industrial						
Street Lighting						

- c) Please discuss the pros and cons of the NTPC proposed rate increase scenario with the Alternative for review scenario.

Responses:

(a)

Please see Table 1 below and BR.NTPC-11 Attachment 1 for the requested information. There is no individual COS study conducted for Norman Wells because this community is part of the Thermal Zone. Accordingly, no COS information is available for Norman Wells. However, for the purposes of responding to the Board's information request, the Norman Wells share of the Thermal Zone COS was estimated using the community's 2022-23 billing determinants and Thermal zone COS average unit costs.

For the "Alternative for Review" scenario, the following rate design steps were completed:

- a. All customer classes received increases to their energy rates to yield annual revenue increases of 3.8% per year (7.7% total over two years) which reflects the Corporate-wide general increase in revenue requirement.
- b. Increases of 1% per year to non-government customers and 3% per year to government customers were made to make progress toward the following rate design objectives:
 - i. 90%-110% RCC target for the Taltson zone. Other zones were already within the 90-110% RCC target range.
 - ii. Transitioning Norman Wells to the same rate levels as other Thermal Zone customers. Streetlighting rates in Norman Wells are already levelized with other communities in the Thermal Zone so no additional increases were applied for those customers.
- c. Rate decreases of 0.5% were applied to the remaining customer classes to yield the same total revenue proposed in NTPC's application.

Table 1
Comparison of Revenue to Cost coverage Ratios

	NTPC Prop RCC Per Und. 12	NTPC Prop RCC with Thermal Zone COS Adjusted for Requested	2018/19 Phase II Approved*	Alternative for Review
	A	B	C	D
Snare	99.5%	99.5%	101.4%	101.0%
Taltson	92.3%	92.3%	87.0%	83.8%
Thermal Excluding Norman Wells	100.5%	104.7%	106.0%	102.3%
Norman Wells (note 1)	79.5%	82.8%	71.0%	72.5%
Thermal Including Norman Wells	97.8%	101.9%	101.6%	98.5%
NTPC Total	97.9%	100.0%	100.0%	97.9%

Note 1: There is no separate COS available for Norman Wells, as it is part of the Thermal Zone. Norman Wells COS is illustrative and based on Thermal Zone Average Unit Costs.

Note 2: The RCC ratios shown in column C in the question preamble referenced across-the-board equal percentage rate increases scenario from the 2018-19 GRA Phase II compliance filing, dated March 16, 2018. Accordingly, column C of Table 1 has been revised to show the 2018-19 Phase II approved RCC ratios as per Directive 3 response provided in the 2018-19 GRA Phase II compliance filing, dated March 16, 2018.

Table 1A shows the related forecast revenue corresponding to the RCC ratios provided in Table 1.

Table 1A
Forecast Revenue by Zone

Forecast Revenues (\$000)	NTPC Prop RCC Per Und. 12	NTPC Prop RCC with Thermal Zone COS Adjusted for Requested	2018/19 Phase II Approved	Alternative for Review
	A	B	C	D
Snare	44,234	44,234	42,019	44,903
Taltson	11,927	11,927	10,118	10,829
Thermal Excluding Norman Wells	55,684	58,010	53,010	56,670
Norman Wells	6,378	6,643	5,088	5,821
Thermal Including Norman Wells	62,062	64,653	58,098	62,491
NTPC Total	118,223	120,814	110,235	118,223

The “Alternative for Review” scenario results in RCC ratios for the Taltson zone that are further away from the 90-110% RCC target because the Taltson Zone revenue requirement has increased by \$1.3 million, or 11.1% since the 2018-19 GRA while revenues in this scenario increase by only 7.0% compared to 2018-19. Table 1B summarizes the Taltson zone revenue requirement and revenues for each scenario compared to the 2018-19 approved test year forecasts.

Table 1B
Comparison of Taltson Revenue to Cost coverage Ratios

	2018-19 GRA	2022-23 GRA			2022-23 GRA		
	Approved	NTPC Proposed	\$ Increase	% Increase	Board Alternative	\$ Increase	% Increase
Taltson Zone Revenue Requirement	11,629	12,914	1,285	11.1%	12,914	1,285	11.1%
Taltson Zone Revenues	10,118	11,927	1,809	17.9%	10,829	711	7.0%
RCC Ratio	87.0%	92.4%			83.8%		

(b)

Please see Table 2 and BR.NTPC-11 Attachment 2 for the requested information.

Table 2
Revenue Comparison

	NTPC Proposed per Und. 12			Alternative for Review		
	Existing Interim Rate Revenues (\$000)	NTPC Proposed Revenues (\$000)	% Increase	Existing Interim Rate Revenues (\$000)	Alternative for Review Revenues (\$000)	% Increase
	A	B	C	D	E	F
NTPC Total	112,978	118,222	4.6%	112,978	118,222	4.6%
Snare Zone Total	43,152	44,233	2.5%	43,152	44,902	4.1%
Non Government						
Residential	1,298	1,331	2.5%	1,298	1,352	4.1%
General Service	557	571	2.4%	557	579	3.9%
Government						
Residential	574	588	2.5%	574	597	4.0%
General Service	1,322	1,355	2.5%	1,322	1,376	4.1%
Other						
Wholesale	37,999	38,951	2.5%	37,999	39,545	4.1%
Industrial	1,359	1,393	2.5%	1,359	1,409	3.7%
Street Lighting	43	44	2.5%	43	45	5.1%
Taltson Zone Total	10,096	11,926	18.1%	10,096	10,828	7.3%
Non Government						
Residential	2,619	3,096	18.2%	2,619	2,782	6.2%
General Service	909	1,072	17.9%	909	959	5.5%
Government						
Residential	560	660	17.9%	560	614	9.7%
General Service	2,100	2,486	18.4%	2,100	2,290	9.0%
Other						
Wholesale	3,876	4,576	18.0%	3,876	4,149	7.0%
Street Lighting	31	37	18.0%	31	35	11.0%
Thermal Zone Total	59,730	62,062	3.9%	59,730	62,491	4.6%
Non Government						
Residential	14,613	15,211	4.1%	14,613	15,272	4.5%
General Service	12,014	12,650	5.3%	12,014	12,572	4.6%
Government						
Residential	8,783	9,044	3.0%	8,783	9,178	4.5%
General Service	23,825	24,649	3.5%	23,825	24,948	4.7%
Other						
Street Lighting	496	508	2.5%	496	521	5.1%

(c)

NTPC's proposed rate increase addresses longstanding issues of ensuring each zone reasonably covers the costs of providing service in that zone. Under NTPC's rate proposal each rate zone will be within 90%-110% RCC range targeted by the 2017 GNWT Rate Policy Direction.

As stated in section 1.4.2 of the Application, Taltson zone costs will be increasing further in the future as the major Taltson Overhaul project is put into service. Without proper rate adjustments in the current application Taltson zone cost recovery shortfall will continue to increase.

As well, NTPC's rate proposal will bring Normal Wells rates closer to (but still below) the remainder of the Thermal zone. The rates for Norman Wells are meant to transition to the Thermal zone Rates as outlined in the GNWT Rate Policy Guidelines from 2011. The increases proposed in this GRA are intended to continue that transition.

Further, the rate increases in Taltson and Norman Wells proposed by NTPC remain well within the traditional maximum annual rate change guidelines from the PUB of up to 15% per year.

The Alternative for Review scenario achieves the same revenue at the Corporate level as under NTPC's proposed rates by reducing the rate increase for Taltson Zone and Norman Wells residential and general service customers and increasing rates for all other customers compared to NTPC's proposal. However, this scenario has several disadvantages:

- The Taltson zone RCC ratio remains below the 90-110% target range and erodes compared to the RCC ratio approved for the 2018-19 test year.
- Wholesale rates in Yellowknife require an additional 2% rate compared to NTPC's proposed rate increase. This would increase the TPSP reference rate and result in higher bill impacts to non-government residential customers eligible for the TPSP.

Topic: Change in Revenues

Reference: Undertaking #10

Preamble:

The only significant difference is in Taltson wholesale year-to date. This difference is related to longer than anticipated shutdown of Taltson hydro plant (5 weeks vs. 3 weeks).

Requests:

- a) Please explain why the longer than anticipated shutdown of Taltson hydro plant resulted in a reduction in revenues, considering that the customers on firm supply would have been served from other sources of supply in any event.

Responses:

(a)

NTPC does not provide diesel back-up service to the Taltson wholesale customer. When the Taltson hydro generation is not available, the wholesale customer uses their own diesel generators. As a result, NTPC does not have sales to the Taltson wholesale customer when the Taltson hydro generation is unavailable.

Topic: Insurance Costs

Reference: (i) Undertaking 6.

Preamble:

“To move to a \$5,000,000 deductible would create some premium savings although it is difficult to determine exactly how much until we enter the market to obtain renewal terms. Our ask of insurers would be a 10% to 15% reduction; however, given current market conditions it could be under 10% where we end up.”

“The best approach would be to conduct an actuarial retention (deductible) analysis based on your loss experience. My expectation of this process is that we would see is a diminishing benefit to increasing deductibles beyond current the current level of \$1,500,000.”

The TGC require further clarity on the “loss experience” referred to above, and NTPC’s internal practices.

Requests:

- a) Please provide a history of all available commercial insurance claims made by NTPC, including the year and the amount of the claim.
- b) Please provide a history of all available self insurance claims made by NTPC, including the year and the amount of the claim. Specifically, include all costs incurred for events that would otherwise be insurable under the commercial insurance, but were not claimed either because of the deductible limit or because of some other decision of management.
- c) Please confirm based on the quote provided above, that NTPC does not possess at this time “an actuarial retention (deductible) analysis based on (NTPC’s) loss experience”. If not confirmed, please provide the analysis.
- d) Please quantify the savings that would be received on an annual basis for NTPC under either a 10% or 15% assumption of savings.
- e) Please advise whether Ken Mclsaac with Aon has provided any further details to NTPC supporting his conclusion that “My expectation of this process is that we would see is a

diminishing benefit to increasing deductibles beyond current the current level of \$1,500,000.”

- f) Further to the response to e), if NTPC or Aon is in possession of any objective third party information indicating that this is a practice that can be expected of insurance providers, then please provide all such evidence in NTPC's or Aon's possession.

Responses:

(a)

Generally speaking, for rate setting purposes, a 5 year period for loss reporting with insurance companies is used. NTPC currently has one open claim from 2017 that is anticipated to be in excess of \$8M. The claim remains open as the matter is ongoing.

(b)

NTPC is unable to provide the requested information. NTPC self-insures for losses that are under the \$1.5M deductible. Where those losses are over \$100,000 they will be included in the RFID reserve account. See NTPC's 2022-23 General Rate Application, Chapter 11, Page 11-61 for details on the RFID balance. However, not all losses are insurable losses. Some of the losses are for non-insurable events. In those cases, the loss may be included in the RFID account when the dollar value is above \$100,000 but they would not otherwise be considered “self-insurance” claims. Similarly, losses under \$100,000 may include otherwise insurable losses, but for the fact that they are under the deductible or may be otherwise uninsurable losses. In some cases, where those amounts are relatively small (for example, replacement laptops), NTPC would expense those amounts but would not otherwise track those as being self-insurance losses.

(c)

NTPC has not undertaken such an analysis. Its broker has advised that such a study be undertaken prior to making any significant changes in deductibles. NTPC understands that these studies are detailed, take time and involve additional cost.

(d)

2022-23 Expected Premium:	\$3,104,000
Premium Savings at 10% deductible credit	\$310,400
Premium Savings at 15% deductible credit	\$465,600

(e)

No further details have been provided.

(f)

Not applicable given (e).

BR.NTPC-11 Attachment 1 Schedule 1

	NTPC Prop RCC Per Und. 12	NTPC Prop RCC with Thermal Zone COS Adjusted for Requested	2018/19 Phase II Approved*	Alternative for Review
	A	B	C	D
Snare	99.5%	99.5%	101.4%	101.0%
Taltson	92.3%	92.3%	87.0%	83.8%
Thermal Excluding Norman Wells	100.5%	104.7%	106.0%	102.3%
Norman Wells (note 1)	79.5%	82.8%	71.0%	72.5%
Thermal Including Norman Wells	97.8%	101.9%	101.6%	98.5%
NTPC Total	97.9%	100.0%	100.0%	97.9%

1. Norman Wells COS estimate is based on Thermal Zone Average Unit Costs

2. The RCC ratios shown in column C in the question preamble referenced across-the-board equal percentage rate increases scenario from the 2018-19 GRA Phase II compliance filing, dated March 16, 2018. Accordingly, column C of Table 1 has been revised to show the 2018-19 Phase II approved RCC ratios as per Directive 3 response provided in the 2018-19 GRA Phase II compliance filing, dated March 16, 2018.

Forecast Revenues (\$000)	NTPC Prop RCC Per Und. 12	NTPC Prop RCC with Thermal Zone COS Adjusted for Requested	2018/19 Phase II Approved	Alternative for Review
	A	B	C	D
Snare	44,234	44,234	42,019	44,903
Taltson	11,927	11,927	10,118	10,829
Thermal Excluding Norman Wells	55,684	58,010	53,010	56,670
Norman Wells	6,378	6,643	5,088	5,821
Thermal Including Norman Wells	62,062	64,653	58,098	62,491
NTPC Total	118,223	120,814	110,235	118,223

Thermal revenue	62,062	64,653	58,098	62,491
NW Revenue	6,378	6,643	5,088	5,821
Thermal, excl. NW	55,684	58,010	53,010	56,670

Illustrative Thermal Zone COS based on Thermal Zone Average Unit Costs

Thermal	63,432	63,432	57,178	63,432
NW	8,024	8,024	7,168	8,024
Thermal, excl. NW	55,407	55,407	50,011	55,407
	97.8%	101.9%	101.6%	98.5%

		NW	Thermal, excl. NW	
Shortfall at proposed rates	2,591			
Energy revenue at proposed rates	59,406	6,079	53,328	
Incremental increase over proposed	0.0436131			

Snare Revenue	44,234		42,019	44,903
Taltson Revenue	11,927		10,118	10,829

Snare COS	44,466		41,428	44,466
Taltson COS	12,914		11,629	12,914

Total NTPC Revenue	118,223	120,812	110,235	118,223
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Total NTPC COS	120,812	120,812	110,235	120,812
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2018-19 GRA revenue and cost source: 2018-19 GRA March 16, 2018 Compliance Filing, Directive 3 Response

Plant Number	Community Name	Sales Forecast													
		Residential				General Service				Wholesale (MWh)		Industrial (MWh)		Streetlights	
		Number of Customers	Energy Sales Forecast (MW.h)			Billed Demand Forecast (kW)	Energy Sales Forecast (MW.h)			Demand Forecast (kW)	Energy Sales Forecast (MW.h)	Demand Forecast (kW)	Energy Sales Forecast (MW.h)	HPS (MW.h)	LED (MW.h)
			Government	Non-Government	Total		Government	Non-Government	Total						
A	B	C	D=B+C	E	F	G	H=F+G	I	J	K	L				
	Snare Zone														
125	Behchoko	547	1,086	2,982	4,068	17,260	2,452	1,330	3,782	363,240	160,462	14,969	6,147	-	74
126	Dettah	93	227	396	622	2,091	250	79	329					-	8
	Snare Zone Total	640	1,312	3,378	4,690	19,350	2,702	1,409	4,110	363,240	160,462	14,969	6,147	-	82
	Taltson Zone														
128	Fort Smith	1,095	1,455	8,676	10,131	50,290	7,773	3,545	11,317		31,980			-	78
130	Fort Resolution	225	405	1,077	1,482	6,943	797	351	1,148					-	26
	Taltson Zone Total	1,320	1,861	9,753	11,614	57,233	8,570	3,896	12,465	-	31,980	-	-	-	104
	Thermal Zone														
123	Wha Ti	152	213	795	1,009	3,504	519	167	686					-	13
124	Gameti	96	119	468	587	3,018	369	167	536					-	9
127	Lutsel K'e	130	267	505	772	3,545	548	138	685					-	12
131	Fort Simpson	542	438	2,536	2,974	20,031	2,409	1,374	3,783					2	49
132	Fort Liard	186	184	769	954	5,033	541	394	935					-	21
133	Wrigley	57	55	230	285	2,401	296	96	393					-	9
134	Nahanni Butte	36	12	167	180	1,092	101	49	151					-	9
135	Jean Marie River	21	10	85	95	924	99	25	123					-	5
136	Inuvik	1,375	1,293	6,245	7,538	75,272	9,236	8,070	17,306					-	69
137	Norman Wells	420	372	2,594	2,967	26,073	2,270	4,081	6,350					-	42
138	Tuktoyaktuk	330	931	1,019	1,950	6,279	922	723	1,645					-	31
139	Fort McPherson	299	598	914	1,512	7,170	1,030	586	1,616					-	29
140	Aklavik	260	672	626	1,298	7,793	807	600	1,406					3	34
141	Deline	237	500	750	1,250	6,846	630	727	1,357					-	16
142	Fort Good Hope	220	300	854	1,154	6,544	866	646	1,512					-	21
143	Paulatuk	101	337	206	543	3,999	519	394	913					-	16
144	Sachs Harbour	52	169	114	283	2,750	373	101	474					-	14
145	Tsigehtchic	74	102	246	347	2,073	278	95	373					-	10
146	Colville Lake	45	2	271	273	1,637	183	125	308					-	4
147	Ulukhaktok	166	553	281	834	5,416	744	349	1,093					-	11
148	Tulit'a	181	450	679	1,129	6,106	705	511	1,216					-	29
	Thermal Region Total	4,980	7,576	20,355	27,931	197,506	23,446	19,416	42,862	-	-	-	-	4	453
	Total	6,940	10,749	33,485	44,234	274,089	34,717	24,720	59,437	363,240	192,442	14,969	6,147	4	639

Plant Number	Community Name	Existing Rates											
		Residential			General Service			Streetlights		Wholesale		Industrial	
		Government, Energy Rates, cents/kW.h	Non-Government, Energy Rates, cents/kW.h	Customer Charge, \$/customer/month	Government, Energy Rates, cents/kW.h	Non-Government, Energy Rates, cents/kW.h	Demand Charge, \$/kW/month	HPS, cents/kW.h	LED, cents/kW.h	Demand Charge, \$/kW/month	Energy Rates, cents/kW.h	Demand Charge, \$/kW/month	Energy Rates, cents/kW.h
A	B	C	D	E	F	G	H	I	J	K	L		
	Snare Zone								8.10	22.81	11.76	20.05	
125	Behchoko	40.69	37.50	18.00	46.88	36.86	8.00	66.61	55.13				
126	Dettah	45.34	37.50	18.00	52.67	36.86	8.00	66.61	55.13				
	Snare Zone Total												
	Taltson Zone									13.15			
128	Fort Smith	28.29	26.19	18.00	22.33	20.68	8.00	39.09	33.16				
130	Fort Resolution	35.96	26.19	18.00	31.28	20.68	8.00	46.75	33.16				
	Taltson Zone Total												
	Thermal Zone												
123	Wha Ti	127.09	73.32	18.00	119.49	62.84	8.00	199.89	113.88				
124	Gameti	195.05	73.32	18.00	227.07	62.84	8.00	240.14	113.88				
127	Lutsel K'e	118.02	73.32	18.00	111.16	62.84	8.00	179.77	113.88				
131	Fort Simpson	110.36	73.32	18.00	97.92	62.84	8.00	118.57	113.88				
132	Fort Liard	117.30	73.32	18.00	107.10	62.84	8.00	173.37	113.88				
133	Wrigley	207.27	73.32	18.00	224.49	62.84	8.00	276.45	113.88				
134	Nahanni Butte	250.06	73.32	18.00	326.72	62.84	8.00	367.57	113.88				
135	Jean Marie River	223.46	73.32	18.00	305.41	62.84	8.00	385.79	113.88				
136	Inuvik	90.70	73.32	18.00	81.71	62.84	8.00	101.88	113.88				
137	Norman Wells	71.31	58.64	18.00	65.62	53.86	8.00	85.95	113.88				
138	Tuktoyaktuk	106.40	73.32	18.00	95.70	62.84	8.00	138.27	113.88				
139	Fort McPherson	122.61	73.32	18.00	113.60	62.84	8.00	131.19	113.88				
140	Aklavik	97.43	73.32	18.00	94.30	62.84	8.00	125.69	113.88				
141	Deline	125.04	73.32	18.00	119.49	62.84	8.00	102.69	113.88				
142	Fort Good Hope	108.82	73.32	18.00	96.53	62.84	8.00	121.53	113.88				
143	Paulatuk	184.72	73.32	18.00	176.79	62.84	8.00	195.92	113.88				
144	Sachs Harbour	228.60	73.32	18.00	217.03	62.84	8.00	234.73	113.88				
145	Tsiigehtchic	169.38	73.32	18.00	151.96	62.84	8.00	205.63	113.88				
146	Colville Lake	346.03	73.32	18.00	304.82	62.84	8.00	824.83	113.88				
147	Ulukhaktok	106.32	73.32	18.00	97.47	62.84	8.00	134.51	113.88				
148	Tulit'a	134.52	73.32	18.00	131.60	62.84	8.00	148.53	113.88				

Plant Number	Community Name	Revenues at Existing Rates, \$000									
		Residential			General Service			Streetlight	Wholesale Demand and Energy	Industrial Demand and Energy	Total Revenues
		Energy	Customer Charge	Total	Energy	Demand Charge	Total				
A	B	C=A+B	D	E	F=D+E	G	H	I	J=C+F+G+H+I		
	Snare Zone										
125	Behchoko	1,560	118	1,678	1,640	138	1,778	41	39,545	1,409	40,954
126	Dettah	251	20	271	161	17	177	4			453
	Snare Zone Total	1,811	138	1,949	1,800	155	1,955	45	39,545	1,409	44,903
	Taltson Zone										
128	Fort Smith	2,683	237	2,920	2,469	402	2,871	26	4,149	-	4,149
130	Fort Resolution	428	49	476	322	56	378	9			863
	Taltson Zone Total	3,111	285	3,396	2,791	458	3,249	35	4,149	-	10,829
	Thermal Zone										
123	Wha Ti	854	33	887	725	28	753	14			1,654
124	Gameti	575	21	595	943	24	967	10			1,572
127	Lutsel K'e	685	28	713	695	28	724	13			1,451
131	Fort Simpson	2,343	117	2,460	3,222	160	3,382	59			5,901
132	Fort Liard	780	40	820	827	40	868	24			1,712
133	Wrigley	282	12	295	726	19	745	10			1,050
134	Nahanni Butte	154	8	161	363	9	371	11			543
135	Jean Marie River	85	5	90	317	7	324	6			419
136	Inuvik	5,751	297	6,048	12,618	602	13,220	78			19,347
137	Norman Wells	1,787	91	1,877	3,687	209	3,896	48			5,821
138	Tuktoyaktuk	1,738	71	1,809	1,337	50	1,387	35			3,231
139	Fort McPherson	1,403	65	1,468	1,539	57	1,596	33			3,097
140	Aklavik	1,113	56	1,170	1,138	62	1,200	41			2,411
141	Deline	1,175	51	1,226	1,210	55	1,265	18			2,509
142	Fort Good Hope	952	48	1,000	1,242	52	1,294	24			2,319
143	Paulatuk	774	22	796	1,165	32	1,197	18			2,011
144	Sachs Harbour	469	11	480	874	22	896	16			1,392
145	Tsigehtchic	352	16	368	483	17	499	11			878
146	Colville Lake	204	10	214	637	13	650	4			869
147	Ulukhaktok	794	36	830	945	43	988	12			1,831
148	Tulit'a	1,103	39	1,142	1,249	49	1,297	33			2,473
	Thermal Region Total	23,375	1,076	24,450	35,940	1,580	37,520	521	-	-	62,491
	Total	28,297	1,499	29,796	40,530	2,193	42,723	601	43,694	1,409	118,223

Average rate increase	7.7%	6.46
	Rebalancing	31,151
Non-government rebalancing in Taltson and NW	2.0%	828.85
Non-government rebalancing in Taltson and NW	6.1%	
Rate decrease to target NTPC proposed revenue	-0.5%	

Plant Number	Community Name	2018-19 Approved Rates											
		Residential			General Service			Streetlights		Wholesale		Industrial	
		Government, Energy Rates, cents/kW.h	Non-Government, Energy Rates, cents/kW.h	Customer Charge, \$/customer/month	Government, Energy Rates, cents/kW.h	Non-Government, Energy Rates, cents/kW.h	Demand Charge, \$/kW/month	HPS, cents/kW.h	LED, cents/kW.h	Demand Charge, \$/kW/month	Energy Rates, cents/kW.h	Demand Charge, \$/kW/month	Energy Rates, cents/kW.h
		A	B	C	D	E	F	G	H	I	J	K	L
125	Snare Zone									8.10	21.27	11.76	18.70
126	Behchoko	37.94	34.97	18.00	43.71	34.37	8.00	61.83	51.17				
	Dettah	42.28	34.97	18.00	49.11	34.37	8.00	61.83	51.17				
	Snare Zone Total												
128	Taltson Zone										11.98		
130	Fort Smith	24.85	23.86	18.00	19.62	18.84	8.00	34.34	29.13				
	Fort Resolution	31.59	23.86	18.00	27.48	18.84	8.00	41.07	29.13				
	Taltson Zone Total												
123	Thermal Zone												
124	Wha Ti	118.51	68.37	18.00	111.42	58.60	8.00	185.54	105.70				
127	Gameti	181.88	68.37	18.00	211.73	58.60	8.00	222.90	105.70				
127	Lutsel K'e	110.05	68.37	18.00	103.65	58.60	8.00	166.86	105.70				
131	Fort Simpson	102.91	68.37	18.00	91.31	58.60	8.00	110.06	105.70				
132	Fort Liard	109.38	68.37	18.00	99.87	58.60	8.00	160.92	105.70				
133	Wrigley	193.27	68.37	18.00	209.33	58.60	8.00	256.60	105.70				
134	Nahanni Butte	233.17	68.37	18.00	304.65	58.60	8.00	341.18	105.70				
135	Jean Marie River	208.37	68.37	18.00	284.78	58.60	8.00	358.09	105.70				
136	Inuvik	84.57	68.37	18.00	76.19	58.60	8.00	94.57	105.70				
137	Norman Wells	62.65	53.43	18.00	57.65	49.08	8.00	79.78	105.70				
138	Tuktoyaktuk	99.21	68.37	18.00	89.24	58.60	8.00	128.34	105.70				
139	Fort McPherson	114.33	68.37	18.00	105.93	58.60	8.00	121.77	105.70				
140	Aklavik	90.85	68.37	18.00	87.93	58.60	8.00	116.67	105.70				
141	Deline	116.59	68.37	18.00	111.42	58.60	8.00	95.32	105.70				
142	Fort Good Hope	101.47	68.37	18.00	90.01	58.60	8.00	112.80	105.70				
143	Paulatuk	172.24	68.37	18.00	164.85	58.60	8.00	181.85	105.70				
144	Sachs Harbour	213.16	68.37	18.00	202.37	58.60	8.00	217.88	105.70				
145	Tsigehtchic	157.94	68.37	18.00	141.70	58.60	8.00	190.87	105.70				
146	Colville Lake	322.66	68.37	18.00	284.23	58.60	8.00	765.61	105.70				
147	Ulukhaktok	99.14	68.37	18.00	90.89	58.60	8.00	124.85	105.70				
148	Tuili'ta	125.43	68.37	18.00	122.71	58.60	8.00	137.87	105.70				

BR.NTPC-11 Attachment 2

	NTPC Proposed per Und. 12			Alternative for Review		
	Existing Interim Rate Revenues (\$000)	NTPC Proposed Revenues (\$000)	% Increase	Existing Interim Rate Revenues (\$000)	Alternative for Review Revenues (\$000)	% Increase
	A	B	C	D	E	F
NTPC Total	112,978	118,222	4.6%	112,978	118,222	4.6%
Snare Zone Total	43,152	44,233	2.5%	43,152	44,902	4.1%
Non Government						
Residential	1,298	1,331	2.5%	1,298	1,352	4.1%
General Service	557	571	2.4%	557	579	3.9%
Government						
Residential	574	588	2.5%	574	597	4.0%
General Service	1,322	1,355	2.5%	1,322	1,376	4.1%
Other						
Wholesale	37,999	38,951	2.5%	37,999	39,545	4.1%
Industrial	1,359	1,393	2.5%	1,359	1,409	3.7%
Street Lighting	43	44	2.5%	43	45	5.1%
Taltson Zone Total	10,096	11,926	18.1%	10,096	10,828	7.3%
Non Government						
Residential	2,619	3,096	18.2%	2,619	2,782	6.2%
General Service	909	1,072	17.9%	909	959	5.5%
Government						
Residential	560	660	17.9%	560	614	9.7%
General Service	2,100	2,486	18.4%	2,100	2,290	9.0%
Other						
Wholesale	3,876	4,576	18.0%	3,876	4,149	7.0%
Street Lighting	31	37	18.0%	31	35	11.0%
Thermal Zone Total	59,730	62,062	3.9%	59,730	62,491	4.6%
Non Government						
Residential	14,613	15,211	4.1%	14,613	15,272	4.5%
General Service	12,014	12,650	5.3%	12,014	12,572	4.6%
Government						
Residential	8,783	9,044	3.0%	8,783	9,178	4.5%
General Service	23,825	24,649	3.5%	23,825	24,948	4.7%
Other						
Street Lighting	496	508	2.5%	496	521	5.1%