


**Wuskwatim Transmission Project: EIS, Supplemental Filing, and IR Responses
which address alternative routes**

EXHIBIT #
WUSKWATIM GENERATION
& TRANSMISSION PROJECT

CLEAN ENVIRONMENT COMMISSION

SSEA Process/Environmental

- TL EIS V1, Chapter 6.0, Section 6.2.1, Pages 6-19 to 6-49.
- Supplemental Filing, August 8, 2003, CNF - S-23.
- Supplemental Filing, August 8, 2003, CNF - S-24.
- Supplemental Filing, August 8, 2003, CNF - S-25.
- CEC/MH/NCN I - NFAAT - 69c
- CNF/MH/NCN I - EIS - PROJ DES - 244a
- CNF/MH/NCN I - EIS - PROJ DES - 251a
- CNF/MH/NCN I - EIS - PROJ Des 252a

Need for Lines

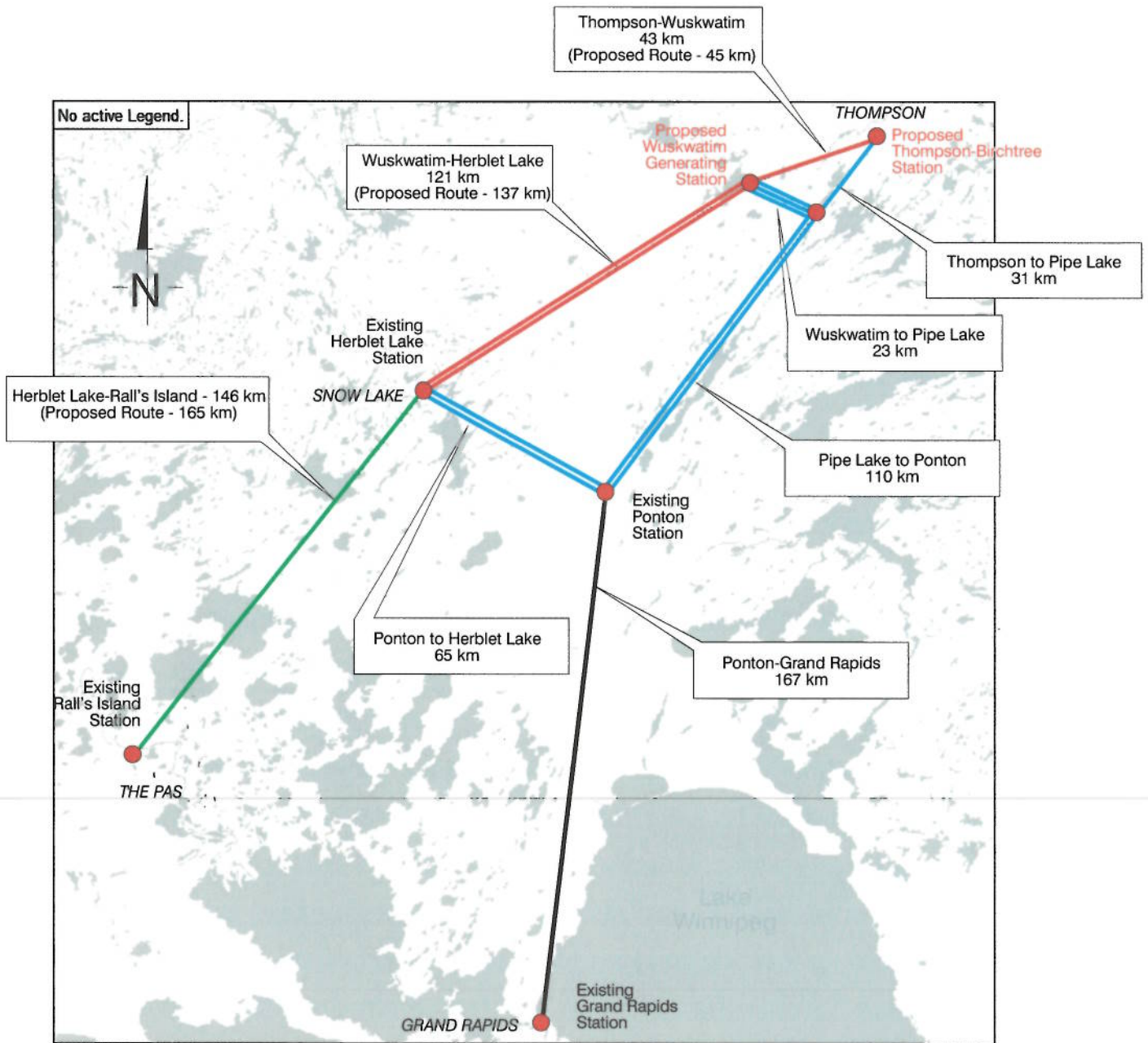
- Supplemental Filing, August 8, 2003, CNF - S-20.
- Supplemental Filing, August 8, 2003, CNF - S-21.

Line Length/Cost

- CEC/MH/NCN I - NAAFT - 69b
- CNF/MH/NCN I - EIS - PROJ DES - 237a
- CNF/MH/NCN I - EIS - PROJ DES - 249a
- CNF/MH/NCN II - EIS - PROJ DES - 237a
- CNF/MH/NCN II - EIS - PROJ DES - 249a

System Security/Reliability

- Supplemental Filing, August 8, 2003, Appendix C
- CEC/MH/NCN I - NAAFT - 67f
- CEC/MH/NCN I - NAAFT - 70a
- CNF/MH/NCN I - EIS - PROJ DES - 238a
- CNF/MH/NCN I - EIS - PROJ DES - 240a
- CNF/MH/NCN I - EIS - PROJ DES - 241a
- CNF/MH/NCN I - EIS - PROJ DES - 242a
- CNF/MH/NCN II - EIS - PROJ DES - 241a
- CNF/MH/NCN II - EIS - PROJ DES - 242a



Wuskwatim Transmission Project
Proposed Alternative Routes - Map 1

**Wuskwatim Transmission Project:
Alternative Route Concepts Preliminary Cost Estimates**

Base Plan	Line Length	Unit Cost	Line Cost
	km		\$ Million
Wuskwatim - Birchtree	45	\$222,502	10.0
Wuskwatim - Herblet Lake -1	137	\$200,317	27.4
Wuskwatim - Herblet Lake -1	137	\$200,317	27.4
Totals	319		64.9

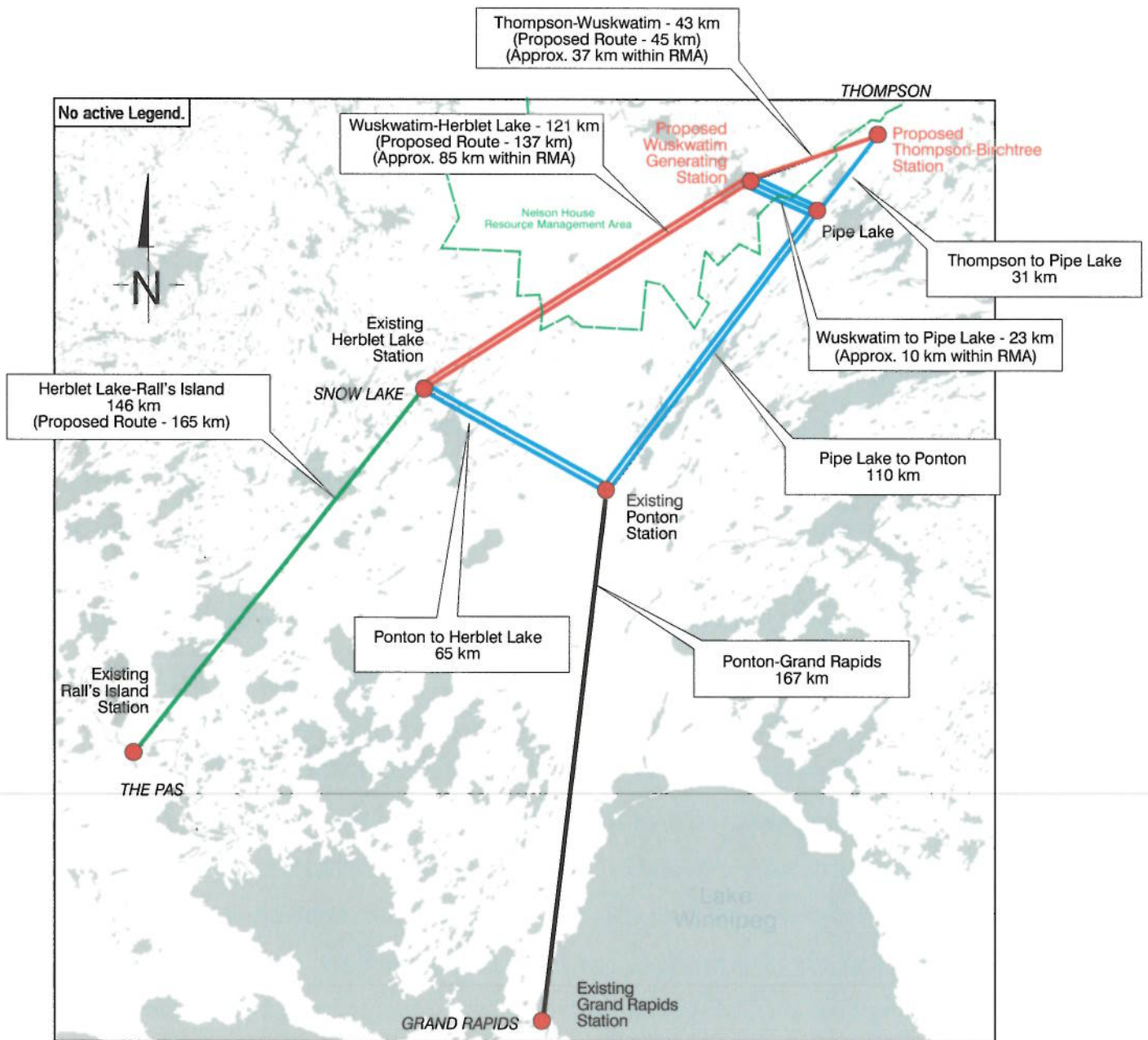
Highway Option

Wuskwatim - Pipe Lake 1	25.3	\$222,502	5.6
Pipe Lake - Birchtree	34.1	\$222,502	7.6
Wuskwatim - Pipe Lake 2	25.3	\$200,317	5.1
Wuskwatim - Pipe Lake 3	25.3	\$200,317	5.1
Pipe Lake - Ponton 2	121	\$200,317	24.2
Pipe Lake - Ponton 3	121	\$200,317	24.2
Ponton - Herblet Lake 2	71.5	\$200,317	14.3
Ponton - Herblet Lake 3	71.5	\$200,317	14.3

Totals	495		100.5
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Line Length Increase (km)	176
Line Length % Increase	55.2

Line Cost Increase (\$M)	35.6
Line Cost % Increase	54.8



Wuskwatim Transmission Project
Proposed Alternative Routes - Map 2