

YUKON UTILITIES BOARD	
EXHIBIT B-24	
DAY	DATE
ENTERED BY YEC	Nov 16/06

Ex. B-24

Undertaking 12
 Illustrate Rate Impacts of the near-term individual projects on Residential customer bills

Annual (not cumulative) Project Rate Impacts – assumes each project constructed on its own, with no mine loads

Aishihik 3 rd Turbine	Whitehorse Diesel Replacement	Mirlees Life Extension	Aishihik 2 nd T-line
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In-Service Date

Rate Impact	1.86% at 2009	4.79% covering 2007-2010	2.62% covering 2007-2010	4.63% earliest 2010
Monthly Bill Impact – Residential 1000 kW.h	\$2.35	\$6.06	\$3.31	\$5.85

2020

Rate Impact	(2.54%)	3.35%	1.84%	3.68%
Monthly Bill Impact – Residential 1000 kW.h	(\$3.21)	\$4.24	\$2.33	\$4.65

Ref:

Appendix C
 \$800k/MW - \$8.7 million for 19 MW (4 units)
 \$900k/MW (2005\$) for 18.7 MW for total of \$15.9 million
 \$16-\$19 million for 15 MW under N-1 and 8 MW under LOLE (with Aishihik 3rd turbine, 22 MW N-1, and 15 MW LOLE)

Notes:

Rate Impacts use percentage based on 1%=\$360k on overall consolidated system.
 Bill Impacts are for non-government residential customers, excluding GST and Rider F. Reflects no rate changes related to re-balancing RCC ratios, etc.
 1000 kW.h residential non-government bill (excluding GST, Rider F and RSF) of \$126.45/month