

TABLE OF CONTENTS

EXECUTIVE SUMMARY

1	Design Forecast	1-1
1.1	Introduction.....	1-1
1.2	Economic Assumptions	1-1
1.2.1	General Assumptions.....	1-1
1.2.2	Alberta Average Field Price.....	1-3
1.3	Gas Delivery Forecast.....	1-4
1.3.1	Average Annual Delivery Forecast.....	1-4
1.3.2	Maximum Day Delivery Forecast.....	1-6
1.4	Receipt Forecast.....	1-8
1.4.1	Average Receipt Forecast	1-9
1.5	Supply Demand Balance.....	1-10
1.6	Storage Facilities.....	1-11
1.6.1	Commercial Storage.....	1-11
1.6.2	Peak Shaving Storage	1-12
2	Design Flow and Mainline Facilities	2-1
2.1	Introduction	2-1
2.2	Mainline Project Area.....	2-2
2.2.1	Rimbey-Nevis Design Area	2-4
2.2.1.1	Design Flows-Rimbey-Nevis Design Area.....	2-4
2.2.1.2	Proposed Facilities – Rimbey-Nevis Design Area.....	2-5
2.2.2	Western Alberta Mainline Design Sub Area	2-6
2.2.2.1	Urban Pipeline Project – Greater Calgary Area.....	2-6
2.2.2.2	Proposed Facilities – Western Alberta Mainline Design Sub Area.....	2-7
3	Extension Facilities, Lateral Loops and Meter Stations.....	3-1
3.1	Scope	3-1

LIST OF FIGURES

Figure 1-1	NGTL Gas Price Forecast, Alberta Average Field Price.....	1-3
Figure 1-2	System Deliveries by Destination.....	1-10
Figure 1-3	System Receipts by Project Area.....	1-11
Figure 2-1	Mainline Project Area	2-3
Figure 2-2	Deliveries/Design Capability/Peak Expected Flow for Rimbey-Nevis Design Area	2-4
Figure 2-3	Location of Proposed Torrington Compressor Station Modifications	2-5
Figure 2-4	Western Alberta Mainline Design Sub Area	2-7

TABLE OF CONTENTS

LIST OF TABLES

Table 1-1	System Average Annual Delivery Forecast by Delivery Point	1-5
Table 1-2	Alberta Deliveries-Average Annual Delivery Forecast by Project Area	1-6
Table 1-3	Winter Maximum Day Delivery Forecast.....	1-7
Table 1-4	Summer Maximum Day Delivery Forecast	1-7
Table 1-5	System Average Receipts	1-9
Table 1-6	Receipt Meter Capacity from Commercial Storage Facilities	1-12
Table 2-1	Rimbey-Nevis Design Area Proposed Facilities.....	2-6
Table 2-2	Western Alberta Mainline Design Sub Area Proposed Facilities.....	2-8

LIST OF APPENDICES

Appendix 1	Glossary of Terms
Appendix 2	Facility Status Update
Appendix 3	Alberta System Facilities Map