

**CENTRA GAS MANITOBA INC.**  
**TRANSPORTATION & STORAGE PORTFOLIO APPLICATION**  
**CURRENT TRANSPORTATION & STORAGE PORTFOLIO**

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**6.0 Introduction**

This Tab provides a description of Centra's transportation and storage arrangements that were in place on November 1, 2010 at the commencement of the 2010/11 Gas Year. These contractual arrangements were described in Tab 3 in Centra's 2011/12 Cost of Gas Application filed on January 21, 2011. This information is provided in this Application for background information and for purposes of comparison to Centra's new proposed U.S. storage and transportation arrangements.

In 2012, Centra expects to file an Application with the PUB regarding Cost of Gas matters for the 2011/12 Gas Year that commenced November 1, 2011. A discussion of the specific details of the transportation and storage arrangements in place at the commencement of the 2011/12 Gas Year will be included in that future filing. The timing of such an Application has not yet been confirmed.

**6.1 Current Transportation and Storage Arrangements (2010/11 Gas Year)**

The following sections describe the upstream pipeline and storage arrangements that Centra has utilized to serve its market requirements. While the focus of this Application is on the approval of replacements to the U.S. transportation and storage arrangements, a brief discussion of the TransCanada Mainline arrangements is provided to generally describe the pipeline services that are utilized to deliver gas to, and receive gas from the interconnection with the U.S. pipelines. In this Application, Centra is not seeking any

1 approvals related to contractual arrangements with TransCanada for service on the  
2 Mainline system.

3  
4 Attachments 1 and 2 to this Tab contain information as to the contracted capacities for  
5 summer season and winter season pipeline operations. Please see Attachment 1 for the  
6 depiction of summer season operations (from April 1 to October 31) and Attachment 2  
7 for the depiction of winter season operations (from November 1 to March 31).

8  
9 **6.1.1 TransCanada Mainline Transportation**

10 All Primary Gas supplies are transported from Western Canada to Centra's market area  
11 by way of service on the TransCanada Mainline. The majority of Centra's customers  
12 receive natural gas through meter stations on the Mainline in the MDA while a relatively  
13 small numbers of customers situated in the Parkland area are supplied from a meter  
14 station that is located in Saskatchewan and is part of the SSDA on the Mainline system.

15  
16 The November 1, 2010 Mainline DCQs are 135,000 GJ/day for MDA deliveries and  
17 2,200 GJ/day for SSDA deliveries.

18  
19 The TransCanada Storage STS contract of 54,000 GJ/day of firm transportation from  
20 Manitoba to Emerson is used to transport WCSB sourced supply to GLGT and ultimately  
21 ANR to fill Michigan storage in advance of the start of each new Gas Year. The contract  
22 also provides for firm winter backhaul capacity of 215,614 GJ/day from Emerson to  
23 Manitoba.

24  
25

1           **6.1.2 Great Lakes Gas Transmission Transportation**

2   Centra is contracted for the use of 53,351 GJ/day of Firm Transportation capacity on  
3   GLGT from April 1 to October 31 of each Gas Year. This transportation capacity  
4   enables Primary Gas, destined for Michigan storage, to be transported from Emerson,  
5   Manitoba to Crystal Falls, Michigan where GLGT interconnects with ANR Pipeline.  
6   Centra is also contracted for firm winter backhaul capacity of 237,388 GJ/day from the  
7   ANR/GLGT interconnect to Emerson.

8

9           **6.1.3 ANR Pipeline Transportation**

10   There are three transportation components associated with ANR Pipeline. The first is  
11   the Firm Transportation from the GLGT Crystal Falls interconnect to ANR Pipeline's  
12   storage facilities. This capacity of 52,448 GJ/day is only available during the summer  
13   storage injection period to move Primary Gas to storage. During the winter, Centra has  
14   Firm Transportation capacity of 208,591 GJ/day from storage to the ANR/GLGT  
15   interconnect.

16

17   The second component is the full year Firm Transportation Service from Oklahoma.  
18   During the winter this is used to deliver natural gas to the Manitoba market. During the  
19   summer this capacity is used to assist in refilling gas storage. The daily capacity of this  
20   transportation is 7,860 GJ/day.

21

22   The third component is summer-only Firm Transportation Service from Louisiana of  
23   22,380 GJ/day that is also used to assist in refilling gas storage as necessary.

24

25

1           **6.1.4 ANR Storage**

2   Centra leases gas storage capacity in Michigan from ANR Pipeline. Storage injections  
3   and withdrawals are facilitated through the Mainline, GLGT and ANR Pipeline  
4   transportation components described above. This storage is used to improve Centra's  
5   transportation load factor from Western Canada and reduce the unutilized demand  
6   charges associated with the use of transportation capacity at a low system load factor.  
7   Centra's forecast transportation load factor from Western Canada for the 2010/11 Gas  
8   Year was approximately 81.4%, compared to a forecast sales load factor of  
9   approximately 32%.

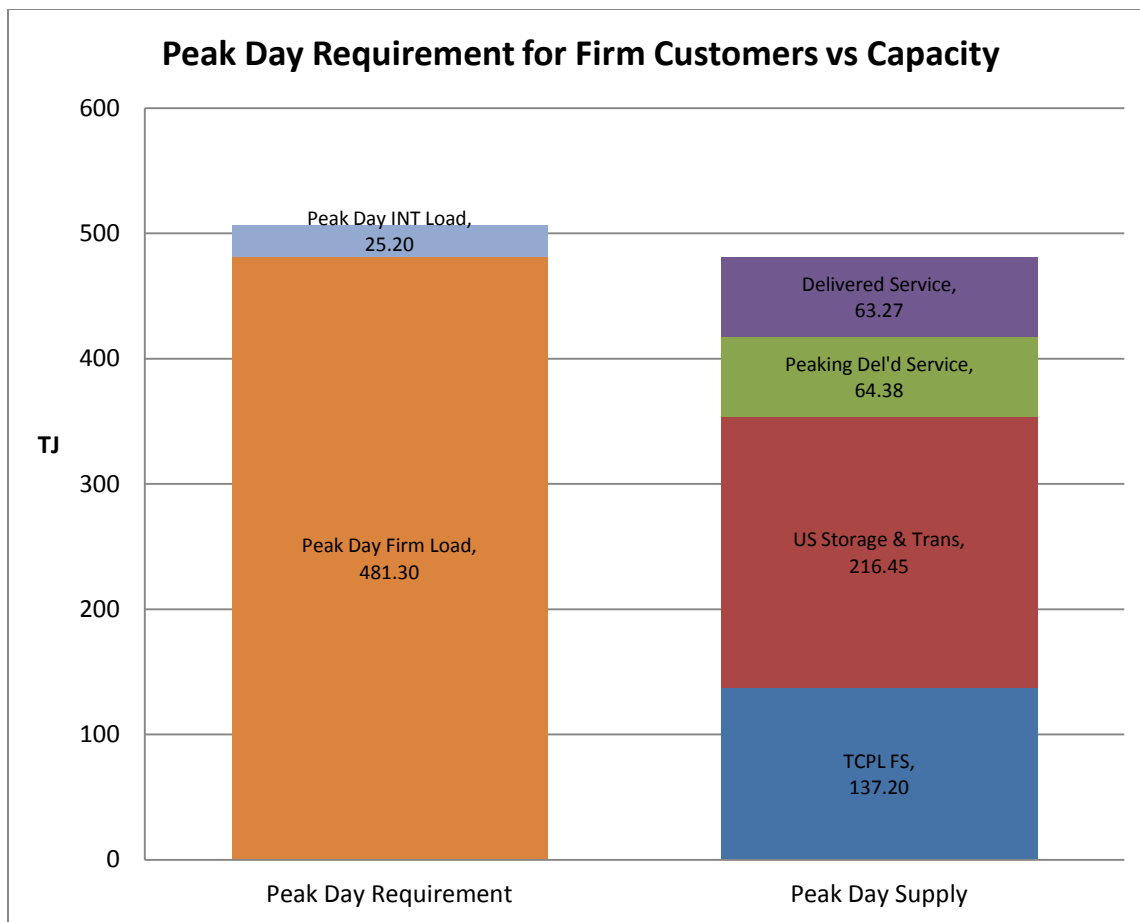
10

11   This storage provides a maximum winter deliverability of 208,591 GJ/day, net of pipeline  
12   compressor fuel. The contracted seasonal storage capacity is 15,509,323 GJ, and the  
13   maximum summer daily injection capacity is 88,625 GJ/day.

14

15   **6.2 Peak Day Requirements**

16   A major consideration in planning the operation of the natural gas supply, transportation  
17   and storage assets is the requirement to serve all of Centra's firm sales customers (both  
18   system supplied and WTS supplied customers) on the coldest day that has been  
19   experienced in a winter heating season. For the 2010/11 Gas Year, the peak day  
20   requirements were forecast to be 481,300 GJ for all firm customers and 25,200 GJ for  
21   Interruptible Class customers. The sources of supply that were forecast to be utilized to  
22   meet the firm peak day requirement are shown in the chart below. The combination of  
23   storage withdrawals (208,951 GJ/day) and Oklahoma supply (7,860 GJ/day) are  
24   designed to provide approximately 45% of the peak day supply requirement.



1

2

### 3 **6.3 Annual Costs for U.S. Transportation and Storage**

4 The costs associated with the U.S. transportation and storage arrangements consist of  
5 fixed contractual and variable transportation and storage costs. The fixed costs of the  
6 current U.S. storage and transportation are approximately \$17 million USD annually and  
7 the variable costs are approximately \$1 million USD annually.