



HESS CORPORATION  
Tioga Gas Plant  
P.O. Box 459  
Tioga, North Dakota 58852  
701-664-3361

RECEIVED

June 19, 2009

JUL 14 2009

PUBLIC SERVICE COMMISSION – State Capitol  
Director of Administration  
600 East Boulevard, Dept 408  
Bismarck, ND 58505-0480

PUBLIC SERVICE COMMISSION

RE: HESS CORPORATION – 2009 Ten-Year Plan  
Our File No. 19410

Dear Director of Administration:

Enclosed for filing please find the original and ten copies of HESS CORPORATION's 2009 Ten-Year Plan.

Very truly yours,

Rory D. Nelson  
Plant Manager

RDN/so  
Enclosure



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PUBLIC SERVICE COMMISSION – State Capitol  
Director of Administration  
600 East Boulevard, Dept 408  
Bismarck, ND 58505-0480

RE: HESS CORPORATION – 2009 Ten-Year Plan  
Our File No. 19410

Dear Director of Administration:

On behalf of HESS CORPORATION ("HESS"), we hereby submit HESS's Ten-Year Plan pursuant to North Dakota Century Code § 49-22-04 and North Dakota Administrative Code Chapter 69-06-02.

SECTION A: Existing Energy Conversion Facilities.

HESS has no existing energy conversion facilities as defined in North Dakota Century Code § 49-22-03(5).

SECTION B: Energy Conversion Facilities Under Construction.

HESS has no energy conversion facilities under construction.

SECTION C: Proposed Energy Conversion Facilities on Which Construction is Intended Within the Ensuing Five Years.

HESS has no proposed energy conversion facilities on which construction is intended within the ensuing five years.

SECTION D: Proposed Energy Conversion Facilities During the Next Ten-Year Time Period.

HESS has no proposed energy conversion facilities during the next ten-year time period.

SECTION E: Existing Transmission Facilities (Electric).

HESS has no existing electrical transmission facilities.

SECTION F: Existing Transmission Facilities (Pipeline).

1. Location: HESS currently has in operation a pipeline beginning at its gas plant located at Tioga, North Dakota, extending southerly under Lake Sakakawea and then extending in a southwesterly direction to an interconnect point with the Northern Border pipeline south of Watford City, North Dakota. This pipeline was constructed pursuant to Public Service Commission Certificate of Site Compatibility for Transmission Facility Corridor #62 issued on March 11, 1992, and Public Service Commission Permit for the Construction of a Transmission Facility #72 issued on July 21, 1992. Upon completion of the pipeline HESS provided the Commission with a copy of the design specifications for the construction of the pipeline showing the location of the pipeline as built as required in the Findings of Fact, Conclusions of Law and Order dated July 21, 1992, as issued by the Commission in Case No. PU-476-92-138. Attached hereto is a system map showing the location of the actual pipeline route.
  
2. Type and Capacity: The design specifications for the facility are as follows:
  - (a) Product Type - natural gas
  - (b) Length of Facility in Miles - approximately 61
  - (c) Pipe Size - 10.75 inches O.D.
  - (d) Maximum Design Operating Pressure - 1440 pounds per square inch gage (psig)
  - (e) Maximum Design Flow Rate - 65 million standard cubic feet per day (mmscfd)
  - (f) Compressor or pumping station specifications, including type, horse power, output pressure, and capacity -
    - (i) Tioga Compressor Station  
Type: 3 centrifugal  
Suction Pressure: 700 psig  
Discharge Pressure: 1300 psig  
Station Horsepower: 6750 hp  
Maximum Capacity: 99 mmcfd

(ii) Cherry Creek Compressor Station

Type: (2) reciprocating

Suction Pressure: 875 psig

Discharge Pressure: 1420 psig

Station Horsepower: 1600 hp

Maximum Capacity: 65 mmcf/d

(g) Minimum Cover Over Pipe - 48 inches, except in a situation where rock makes 48 inches impractical.

3. In-service date for the pipeline was December, 1992.
4. There is no projected retirement date during the next ten-year period for the pipeline facility.

SECTION G: Proposed Transmission Facilities on Which Construction is Intended Within the Ensuing Five Years (Electric).

HESS has no proposed electric transmission facilities on which construction is intended within the ensuing five years.

SECTION H: Proposed Transmission Facilities on Which Construction is Intended Within the Ensuing Five Years (Pipeline).

HESS does not propose to construct any additional pipelines which would be classified as transmission facilities within the ensuing five years.

SECTION I: Proposed Transmission Facilities During the Next Ten-Year Time Period (Electric and Pipeline).

HESS has no proposed electric or pipeline transmission facilities proposed during the next ten-year time period.

SECTION J: Regional Coordination.

One of the purposes of the pipeline is to deliver gas into the existing pipeline facility of the Northern Border Pipeline Company for transportation of such gas to HESS's customers. However, HESS's pipeline is not part of a single regional plan.

SECTION K: Environmental Information.

The pipeline has been constructed in strict accordance with the requirements of the U.S. Department of Transportation Pipeline Safety Regulations found at CFR Title 49, Part 192, "Transportation of Natural and Other Gases by Pipeline: Minimum Federal Safety Standards," and ASME B31.8, "Gas Transmission and Distribution Piping Systems." The pipeline was hydrostatically tested in accordance with CFR Title 49, Part 192, Sub-part J to establish the maximum allowable operating pressure of 1440 psig.

HESS CORPORATION has also installed a fiber optic communications system which allows for 24-hour monitoring of the pipeline and compressor operations. The pipeline is also designed to accommodate the use of instrumented internal inspection devices that can be propelled through the pipeline by the flowing gas stream and can effectively detect and record the type and location of corrosion or other defects in the pipe wall. In conjunction HESS has in place a regular pipeline cathodic protection program.

Wooded areas and shelter belts that were removed have been replanted with approximately 300 new trees. This is two new trees for every one removed during construction.

HESS has made an agreement with the U.S. Fish and Wildlife Service for provisions relative to the rehabilitation of wooded draw habitat on U.S. Forest Service land as mitigation for habitat disturbed during the pipeline construction.

HESS's obligation to reclaim and maintain the right-of-way shall continue throughout the life of the pipeline facility.

SECTION L: Projected Demand for Service.

As previously indicated, HESS does not propose within the next ten-year time period to construct any further energy conversion or transmission facilities. The projected future supplies of gas entering the pipeline will be produced from (a) several fields located in Divide, Williams, Mountrail, McKenzie and Burke Counties, and (b) the Winnipeg and Deadwood formations from certain wells to be located in the McKenzie and Williams Counties. Such should not entail construction of any additional energy conversion or transmission facilities. HESS does not anticipate any projected demands for increased service.

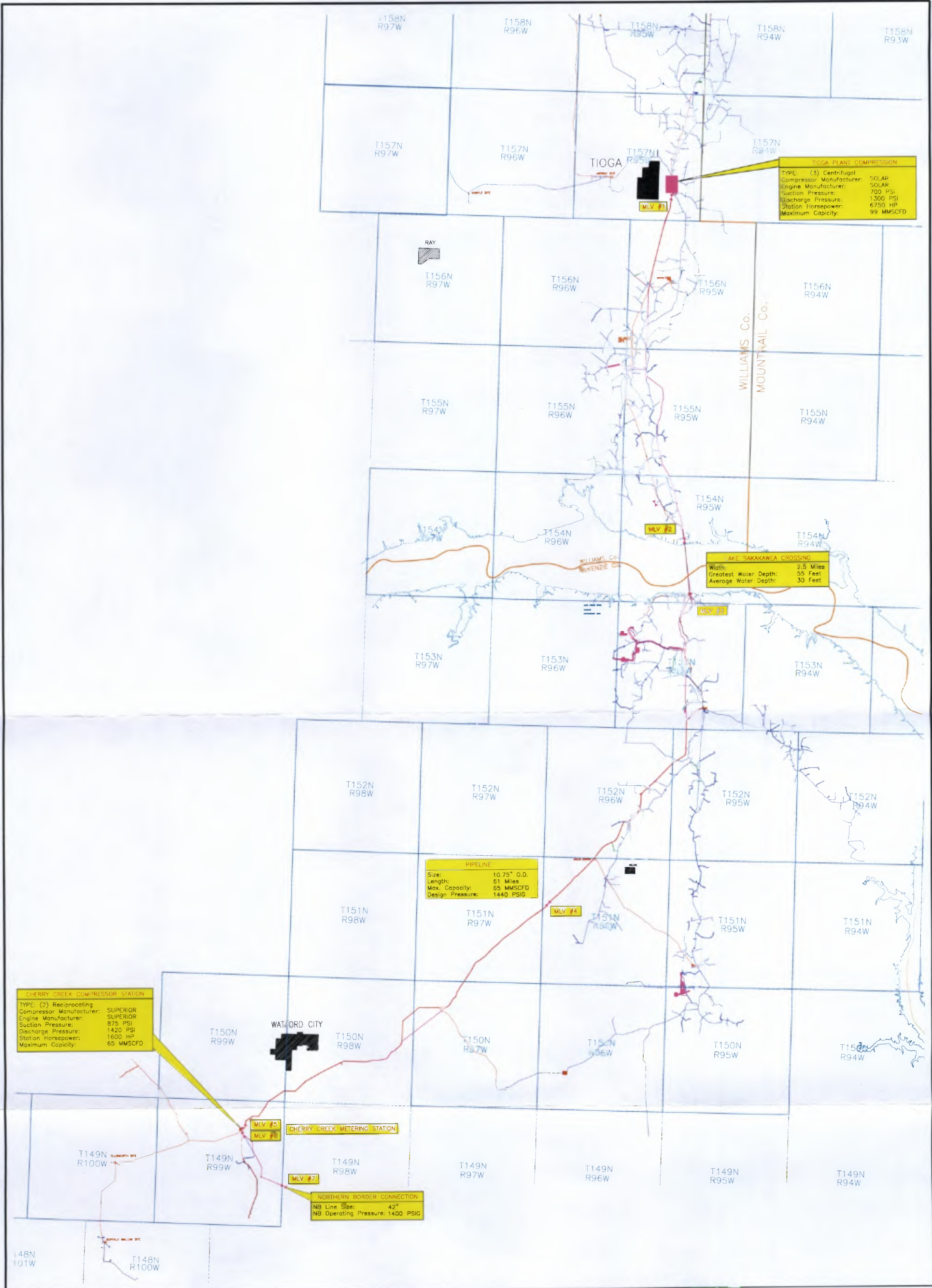
Respectfully submitted the day and year set forth above.

HESS CORPORATION  
Tioga Gas Plant  
P. O. Box 459  
Tioga, North Dakota 58852

By  \_\_\_\_\_  
RORY D. NELSON

RDN/so  
Enc.

cc: - County Auditors of McKenzie and Williams Counties  
- State Agencies and Officers designated in § 69-06-01-05, ND Adm Code "Notice of Filing"  
- Ajey Chandra, Gas Plant Manager - Houston, TX



**TIOGA PLANT COMPRESSION**

TYPE: (3) Centrifugal  
 Compressor Manufacturer: SOLAR  
 Engine Manufacturer: SOLAR  
 Suction Pressure: 700 PSI  
 Discharge Pressure: 1300 PSI  
 Station Horsepower: 6750 HP  
 Maximum Capacity: 99 MMSCFD

**AKI SAKAKAWA CROSSING**

Width: 2.5 Miles  
 Greatest Water Depth: 55 Feet  
 Average Water Depth: 30 Feet

**PIPELINE**

Size: 10.75" O.D.  
 Length: 61 Miles  
 Max. Capacity: 65 MMSCFD  
 Design Pressure: 1440 PSIG

**CHERRY CREEK COMPRESSOR STATION**

TYPE: (2) Reciprocating  
 Compressor Manufacturer: SUPERIOR  
 Engine Manufacturer: SUPERIOR  
 Suction Pressure: 875 PSI  
 Discharge Pressure: 1420 PSI  
 Station Horsepower: 1600 HP  
 Maximum Capacity: 65 MMSCFD

**CHERRY CREEK METERING STATION**

MLV #5  
 MLV #6  
 MLV #7

**NORTHERN BORDER CONNECTION**

NB Line Size: 42"  
 NB Operating Pressure: 1400 PSIG

**LEGEND**

- LOW PRESSURE
- HIGH PRESSURE
- NDNGLP
- FUEL GAS
- COUNTY LINE
- X MAIN LINE VALVE

**AMERADA HESS CORPORATION**  
 EXPLORATION AND PRODUCTION

**NATURAL GAS PIPELINE**

NO.	DATE	DESCRIPTION	BY	CHECKED
2	7-20-01	UPDATE DATA	GJV	
1	7-16-01	UPDATE HORSEPOWER DATA	GJV	
0	5-24-01	UPDATE AND REDRAW ON CAD	GJV	

DESIGNED BY: **VORBERT**  
 DRAWN BY: **BR**  
 DATE: 6-22-01  
 SHEET: **D** / **TP-D-9-RGP** / **2**



Lisa Fair McEvers, Commissioner  
DEPARTMENT OF LABOR  
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C/O ND State Land Department  
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NORTH DAKOTA GEOLOGICAL SURVEY  
1016 East Calgary Ave  
Bismarck, ND 58503

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Bismarck, ND 58502-2057


Scott Hochhalter, Soil Conservation Specialist  
ND STATE SOIL CONSERVATION COMMITTEE  
2718 Gateway Ave, Unit #104  
Bismarck, ND 58503

Dale Frink, State Engineer  
STATE WATER COMMISSION  
900 East Boulevard Ave Dept 770  
Bismarck, ND 58505-0850

That she knew the persons served to be the persons named in the papers served and the persons intended to be served.

  
Susan Odegaard

Subscribed and sworn to before me this 12<sup>th</sup> day of July, 2009.

  
MONICA M. SUNDHAGEN  
Notary Public  
State of North Dakota  
My Commission Expires July 26, 2012  
Williams County, North Dakota  
My Commission Expires:  
7-26-2012