

U.S. DEPARTMENT OF ENERGY

ORIGINAL

November 2, 2005

OR01- OR06

2:00 p.m.

Location: The Holiday Inn, Downtown Portland

1441 N.E. Second Avenue

Portland, OR 97232

14:09:14

1 And also, one more reminder, if everyone
2 could please turn off your cell phones and
3 pagers and Blackberries and other fun gadgets
4 that we carry around, I-pods. Thank you.

14:09:32

5 Thank you again, and let's begin. Will
6 Matt -- and I am sorry if I mispronounce the
7 names wrong. You can also please restate your
8 name correctly, so I can learn. And come up to
9 the podium, restate your name for the court

14:09:46

10 reporter, that would be great. Thank you very
11 much. Matt Featherstone from Portland General
12 Electric.

14:09:55

13 UNKNOWN SPEAKER: Actually, I was not
14 slotted to speak, but we have two
15 representatives from Portland General Electric
16 that were.

17 MS. SOUDER: That's okay. I'll move on to
18 the next card. Michael Burke from Trans
19 Canada.

14:10:10

20 MR. BURKE: Suppose to speak over here?

21 MS. SOUDER: Yes, please.

OR01

22 MR. BURKE: My name is Michael Burke from
23 Trans Canada Gas Transmission Northwest. And
24 we've been involved in this project for quite

14:10:22

25 awhile through our involvement with the Western

14:10:24 1 Utility Group, and so we're really glad that
2 the Department of Energy actually is taking
3 this on. It's a big project, but we think it's
4 something that will benefit the western energy
14:10:34 5 business and look forward to the results in the
6 process.

7 A couple of just brief comments, and I
8 won't read my whole letter here. But first
9 thing is on the mapping -- I know you've got
14:10:45 10 your map on the wall there and that looks very
11 familiar, because I think that's what came out
12 of the one effort earlier. But one of the
13 things that would be very helpful in this whole
14 process would be to make sure and differentiate
14:10:55 15 between existing corridors, proposed corridors,
16 and corridors that may be approved and not used
17 or something like that, and to also

18 differentiate between the facilities within
19 there. It's hard to look at that map and know
14:11:08 20 what's an electric transmission line, a
21 pipeline, or whatever. So just more details
22 really would be very helpful in the whole
23 process and evaluation.

24 One of the other issues is to make sure
14:11:19 25 and assure consistency and coordination with

14:11:24 1 other plans, and I know on the western-wide you
2 are trying to do that. But there is instances
3 where forest service -- abutting forest service
4 districts don't actually -- one might have a
14:11:36 5 corridor and one might not. So hopefully that
6 will -- some of that will be resolved. And
7 also, there is some -- an effort up in the
8 state of Washington to develop tools for
9 jurisdictional -- for local jurisdictions from
14:11:50 10 a planning perspective and trying to tie the
11 whole -- this whole corridor concept in with
12 some of the state and local efforts that are
13 going on to try to basically improve
14 coordination.

14:12:02 15 Additionally, we're -- I am with Gas
16 Transmission Northwest, which was purchased by
17 Trans Canada a couple of years ago, so we now
18 look at -- from an international perspective.
19 So when the corridors get near the Mexico
14:12:15 20 border or the Canadian border, some sort of
21 evaluation of our brothers north and south
22 might be helpful to look at an overall
23 perspective there.

14:12:31 24 The expansion of existing facilities, we
25 typically, in the gas transmission business,

14:12:33 1 will build a parallel pipeline when we want to
2 expand our facilities and vice-versa in the
3 electric business. They build parallel power
4 lines. And we want to make sure, as the
14:12:45 5 corridors get designated, that our facilities
6 and others don't get sandwiched with an
7 electric line and a pipeline and an electric
8 line and all of that, so just some forward
9 thinking in trying not to sandwich facilities
14:12:58 10 will be helpful.

11 Additionally, new projects, we've
12 participated in this process and tried to get
13 some of our projects that we're thinking about,
14 as well as our existing facilities on that map
14:13:09 15 back there. But there is projects out there
16 that I can't even think of today that may come
17 up tomorrow. And so we would like to make sure
18 that the -- that there is flexibility there,
19 that new projects don't get precluded out
14:13:21 20 because they didn't go through this process and
21 participate in this.

22 Definition and corridor width, the more
23 definition we can have through this process, so
24 that you sort of know the rules of the road,
14:13:35 25 what is the corridor width, what's the

14:13:38

1 allowable use in there, and try to reduce as
2 much ambiguity as possible would be very
3 helpful.

14:13:46

4 And finally, we're always concerned about
5 security and critical energy infrastructure
6 information, and I am sure you are thinking
7 about that, and we just want to make sure that
8 that's a consideration as you go through the
9 process. So thank you.

14:13:56

10 MS. SOUDER: Thank you. Kenneth Dillon
11 from Portland General Electric.

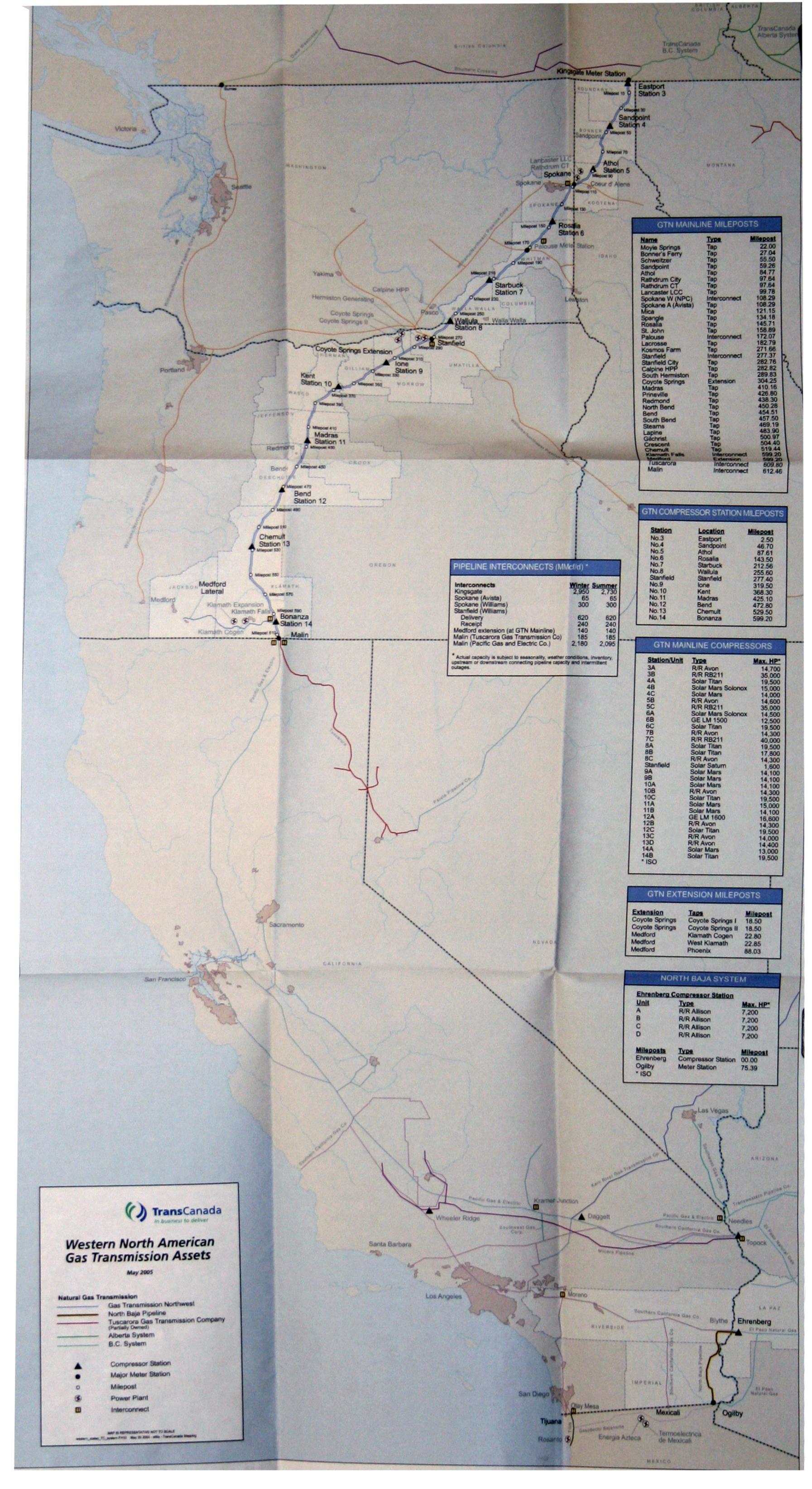
OR02

12 MR. DILLON: Thank you. My name is
13 Kenneth Dillon from Portland General Electric
14 Transmission Services Department, and I am here
15 representing, today, the electric transmission
16 needs of Portland General Electric.

14:14:21

17 Portland General Electric Company is an
18 electric utility engaged in the generation,
19 purchase, transmission, distribution, and
20 retail sale of electricity in the state of
21 Oregon. PGE's service area is located entirely
22 within Oregon and covers 3,150 square miles.
23 PGE serves more than 750,000 retail customers
24 and also sells wholesale electric energy to
25 utilities, brokers, and power marketers located

14:14:47



GTN MAINLINE MILEPOSTS

| Name | Type | Milepost |
|--------------------|--------------|----------|
| Moyie Springs | Tap | 22.00 |
| Bonner's Ferry | Tap | 27.04 |
| Schwitzer | Tap | 55.50 |
| Sandpoint | Tap | 59.28 |
| Athol | Tap | 84.77 |
| Rathdrum City | Tap | 97.64 |
| Lancaster LCC | Tap | 99.78 |
| Spokane W (NPC) | Interconnect | 108.29 |
| Spokane A (Avista) | Tap | 108.29 |
| Mica | Tap | 121.15 |
| Spangle | Tap | 134.18 |
| Rosalia | Tap | 145.71 |
| St. John | Tap | 158.89 |
| Palouse | Interconnect | 172.07 |
| Lacrosse | Tap | 182.79 |
| Koosmos Farm | Tap | 271.66 |
| Stanfield | Interconnect | 277.37 |
| Stanfield City | Tap | 282.82 |
| Calpine HPP | Tap | 282.82 |
| South Hermiston | Tap | 289.83 |
| Coyote Springs | Extension | 304.25 |
| Madras | Tap | 410.16 |
| Prineville | Tap | 428.80 |
| Redmond | Tap | 438.30 |
| North Bend | Tap | 450.28 |
| Bend | Tap | 454.51 |
| South Bend | Tap | 457.50 |
| Stearns | Tap | 469.19 |
| Lapine | Tap | 483.90 |
| Gilchrist | Tap | 500.97 |
| Crescent | Tap | 504.40 |
| Chemult | Tap | 519.44 |
| Klamath Falls | Interconnect | 599.20 |
| Medford | Interconnect | 599.20 |
| Tuscarora | Interconnect | 609.80 |
| Malin | Interconnect | 612.46 |

GTN COMPRESSOR STATION MILEPOSTS

| Station | Location | Milepost |
|---------|-----------|----------|
| No.3 | Eastport | 2.50 |
| No.4 | Sandpoint | 46.70 |
| No.5 | Athol | 87.61 |
| No.6 | Rosalia | 143.50 |
| No.7 | Starbuck | 212.56 |
| No.8 | Wallula | 255.60 |
| No.9 | Stanfield | 277.40 |
| No.10 | Kent | 368.30 |
| No.11 | Madras | 425.10 |
| No.12 | Bend | 472.80 |
| No.13 | Chemult | 529.50 |
| No.14 | Bonanza | 599.20 |

PIPELINE INTERCONNECTS (MMcf/d) *

| Interconnects | Winter | Summer |
|---------------------------------------|--------|--------|
| Kingsgate | 2,950 | 2,730 |
| Spokane (Avista) | 65 | 65 |
| Spokane (Williams) | 300 | 300 |
| Stanfield (Williams) | | |
| Delivery | 620 | 620 |
| Receipt | 240 | 240 |
| Medford extension (at GTN Mainline) | 140 | 140 |
| Malin (Tuscarora Gas Transmission Co) | 185 | 185 |
| Malin (Pacific Gas and Electric Co.) | 2,180 | 2,095 |

* Actual capacity is subject to seasonality, weather conditions, inventory, upstream or downstream connecting pipeline capacity and intermittent outages.

GTN MAINLINE COMPRESSORS

| Station/Unit | Type | Max. HP* |
|--------------|--------------------|----------|
| 3A | R/R Avon | 14,700 |
| 3B | R/R RB211 | 35,000 |
| 4A | Solar Titan | 19,500 |
| 4B | Solar Mars Solonox | 15,000 |
| 4C | Solar Mars | 14,000 |
| 5B | R/R Avon | 14,000 |
| 5C | R/R RB211 | 35,000 |
| 6A | Solar Mars Solonox | 14,500 |
| 6B | GE LM 1500 | 12,500 |
| 6C | Solar Titan | 19,500 |
| 7B | R/R Avon | 14,300 |
| 7C | R/R RB211 | 40,000 |
| 8A | Solar Titan | 19,500 |
| 8B | Solar Mars | 17,800 |
| 8C | R/R Avon | 14,300 |
| Stanfield | Solar Saturn | 1,800 |
| 9A | Solar Mars | 14,100 |
| 9B | Solar Mars | 14,100 |
| 10A | Solar Mars | 14,100 |
| 10B | R/R Avon | 14,300 |
| 10C | Solar Titan | 19,500 |
| 11A | Solar Mars | 15,000 |
| 11B | Solar Mars | 14,100 |
| 12A | GE LM 1500 | 16,600 |
| 12B | R/R Avon | 14,300 |
| 12C | Solar Titan | 19,500 |
| 13C | R/R Avon | 14,000 |
| 13D | R/R Avon | 14,400 |
| 14A | Solar Mars | 13,000 |
| 14B | Solar Titan | 19,500 |

* ISO

GTN EXTENSION MILEPOSTS

| Extension | Taps | Milepost |
|----------------|-------------------|----------|
| Coyote Springs | Coyote Springs I | 18.50 |
| Coyote Springs | Coyote Springs II | 18.50 |
| Medford | Klamath Cogen | 22.80 |
| Medford | West Klamath | 22.85 |
| Medford | Phoenix | 88.03 |

NORTH BAJA SYSTEM

| Unit | Type | Max. HP* |
|------|-------------|----------|
| A | R/R Allison | 7,200 |
| B | R/R Allison | 7,200 |
| C | R/R Allison | 7,200 |
| D | R/R Allison | 7,200 |

| Mileposts | Type | Milepost |
|-----------|--------------------|----------|
| Ehrenberg | Compressor Station | 00.00 |
| Ogilby | Meter Station | 75.39 |

* ISO

Western North American Gas Transmission Assets

May 2005

Natural Gas Transmission

- Gas Transmission Northwest
- North Baja Pipeline
- Tuscarora Gas Transmission Company (Partially Owned)
- Alberta System
- B.C. System

Compressor Station

Major Meter Station

Milepost

Power Plant

Interconnect

MAP IS REPRESENTATIVE NOT TO SCALE
western_north_na_pipeline_051103 Map 05.2005-0501 - TransCanada Mapping