

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Dominion Cove Point LNG, LP

)

Docket No. RP06-_____

**TESTIMONY OF
MACHELLE GRIM
ON BEHALF OF
DOMINION COVE POINT LNG, LP**

1 Q. Please state your name, address and present employment.

2 A. My name is Machel F. Grim. My business address is 120 Tredegar Street,
3 Richmond, Virginia 23219. My title is Director, Regulatory & Pricing, at
4 Dominion Transmission, Inc. ("DTI"), a subsidiary of Dominion Resources, Inc.

5 Q. Please state your education and professional background.

6 A. I graduated from West Liberty State College, West Liberty, West Virginia with an
7 undergraduate degree in Business with a specialization in Accounting. I received
8 a Masters in Business Administration from West Virginia University. In 1984, I
9 was employed by CNG Transmission Corporation (predecessor of DTI), in the
10 Corporate Planning area. I subsequently held various positions in the Accounting,
11 Rates, Business Development and Information Technology areas before being
12 appointed to my current position in April 1, 2006.

13 Q. What are your present responsibilities?

1 A. On behalf of the interstate pipeline subsidiaries of Dominion Resources, Inc.,
2 including Dominion Cove Point LNG, LP (“DCP”), I am responsible for
3 development and implementation of rates and tariff provisions; preparation of
4 regulatory filings, including rate exhibits for certificate applications; and rate
5 negotiations dealing with cost of service, rate design and fuel retention. I also
6 represent these interstate pipelines regarding rate and tariff matters in contacts
7 with representatives of the Federal Energy Regulatory Commission (“FERC” or
8 “Commission”), state commissions, customers, industry associations and others in
9 the industry.

10 Q. Have you previously submitted testimony before FERC?

11 A. No.

12 Q. What is the purpose of your testimony in this proceeding?

13 A. I have overall responsibility for the preparation of DCP’s rate case. In my
14 testimony I specifically address:

- 15 • The overall cost of service as presented in Exhibit No. DCP-4. I am
16 responsible for all numbers included in the exhibit, with the exception of
17 operation and maintenance (“O&M”) expense supported in the testimony
18 of DCP Witness Verdun and rate base that will be supported in the
19 testimony of DCP Witness Stewart-York.
- 20 • Storage information in the format reported in FERC Form No. 2 on
21 Schedule C-3.

- The use of DCP's immediate parent's, Consolidated Natural Gas Company, capitalization as the appropriate capitalization to use in this proceeding.
- DCP's appropriate return on equity, in light of the range of returns supported in the testimony of DCP Witness Moul.
- The appropriate debt cost, based on the cost of long-term debt held by Consolidated Natural Gas Company.
- The appropriate billing determinants and revenues as reflected on Statement G.
- Incorporation of the recommendations of DCP Witness Feinstein on DCP's appropriate depreciation rates and asset retirement obligation and DCP Witness Taylor on the cost for asset retirement.
- The computation of the income tax allowance and the proposed level of taxes other than income.
- The allocation of the Cost of Service among the services offered by DCP, including transportation, peaking service and import service as shown on Statement I.
- The calculations of rates as they appear on Statement J.
- Finally, the financial statements as they appear on Statements L and M.

STATEMENTS AND SCHEDULES

- Q. Please provide a list of the statements and schedules included in Exhibit No. DCP-4 and the DCP witness supporting each Statement or Schedule.
- A. The listed statements are as follows:

1	Statement A	Overall Cost of Service
2	Statement B	Summary Rate Base and Return
3	Schedule B-1	Summary of Accumulated Deferred Income Taxes
4	Schedule B-2	Regulatory Assets and Liabilities
5	Statement C	Cost of Plant
6	Schedule C-1	Gas Plant by Account
7	Schedule C-2	Gas Plant Additions
8	Schedule C-3	Storage Projects
9	Statement D	Accumulated Provision for Book and Regulatory
10		Depreciation, Depletion, and Amortization
11	Statement E	Working Capital
12	Schedule E-1	Cash Working Capital
13	Schedule E-2	Materials and Supplies and Prepayments
14	Schedule E-3	Storage Inputs, Outputs and Balances
15	Statement F-1	Summary Rate of Return
16	Statement F-2	Capitalization and Cost of Capital
17	Statement F-3	Debt Capital
18	Statement G	Revenues, Credits and Billing Determinants
19	Schedule G-1	Base Period Revenues
20	Schedule G-2	Test Period Revenues
21	Schedule G-3	Base Period to Test Period Adjustments
22	Schedule G-4	At-Risk Revenue
23	Schedule G-5	Other Revenues
24	Schedule G-6	Miscellaneous Revenues

1	Statement H-1	Summary Operation and Maintenance Expenses
2	Statement H-2	Depreciation, Depletion and Amortization Expense
3	Statement H-3	Federal and State Income Taxes
4	Statement H-4	Other Taxes
5	Statement I	Functionalization, Classification and Allocation
6		of Cost of Service
7	Statement J	Computation of Rates
8	Statement L	Balance Sheet as of April 1, 2005 and
9		March 31, 2006
10	Statement M	Income Statement for the twelve months ended
11		March 31, 2006
12	Statement O	Description of Company Operations
13	Statement P	Explanatory Text and Prepared Testimony

I will be supporting all listed schedules and statements with the exception of Statements B, C (excluding C-3), D and E, which will be supported in the testimony of DCP Witness Stewart-York; Statement H-1, which is supported in the testimony of DCP Witness Verdun; Statement O, which is supported by DCP Witness Bomar; and Statement P, which is submitted as separate Exhibits to this filing.

COST OF SERVICE

Q. Please provide an explanation of Statement A.

A. Statement A includes the overall cost of service in the amount of \$111,960,628.

The overall cost of service is separated into three functions: Other Storage, LNG Terminaling and Processing, and Transmission. The first of these, "Other Storage," refers to the liquefier and related facilities. The second function,

1 referred to as "LNG Terminaling and Processing" (or "LNG Terminaling"), refers
2 to both the onshore and offshore plant used to import, process, store and vaporize
3 liquefied natural gas. The third function, "Transmission," refers to the interstate
4 pipeline facilities. The cost is separated by function to facilitate allocation of
5 costs and the computation of rates for the services provided by DCP. The
6 individual statements support the costs included on Statement A with the
7 exception of the "Asset Retirement Obligation" ("ARO") reflected on Line 14;
8 that computation is supported in the testimony of DCP Witness Feinstein.

9 **STORAGE INFORMATION**

10 Q. Please discuss Schedule C-3.

11 A. Schedule C-3, Part 1, shows gas delivered to and from storage by month. For
12 each month, the schedule shows gas belonging to DCP, gas belonging to others
13 and in total. Schedule C-3, Part 2, shows operating information including the
14 number of tanks, total tank capacity, and LNG quantity information.

15 **CAPITAL STRUCTURE**

16 Q. Please discuss Statement F-1.

17 A. Statement F-1 provides a narrative regarding the rate of return filed by DCP in
18 this proceeding. DCP has filed for a return on equity of 15%, which calculates to
19 an overall after-tax return allowance of 11.33%, a slight increase from the existing
20 after-tax return allowance of 11.20%.

21 Q. What capital structure are you recommending as appropriate?

22 A. I am recommending the use of DCP's parent, Consolidated Natural Gas
23 Company's ("CNG") capital structure in this proceeding. The recommended

1 capital structure along with the capital costs and return on equity is shown below
 2 and on Statement F-2, Part 1 of Exhibit No. DCP-4:

Consolidated Natural Gas Co.
 Capital Structure and Return
 (December 31, 2006, Projected)

	Amount (Millions)	Ratio	Costs	Weighted Costs
Long term Debt	\$4,300	43.14%	6.50%	2.80%
Common Equity	<u>\$5,667</u>	<u>56.86%</u>	15.00%	<u>8.53%</u>
Total	\$9,967	100.00%		
Overall Return				11.33%

3 The calculation of the zone of reasonableness for the return on equity is supported
 4 by DCP Witness Moul's testimony.

5 Q. Why is it appropriate to use the CNG capital structure?

6 A. The Commission's preference is to base returns on the company's own capital
 7 structure, where the company is the financing entity for its debt. The Commission
 8 will use an imputed capital structure (most often that of the corporate parent) if
 9 the filing company's capital structure does not meet the requirements of the
 10 following three-step analysis:

- 11 1. Does the company issue its own non-guaranteed debt?
- 12 2. Does the company have its own bond rating?
- 13 3. Is the company's proposed equity ratio excessively high when
- 14 compared with equity ratios approved by the Commission in other

1 cases and also in comparison with the equity ratios of the proxy group
2 companies?

3 Q. Does DCP qualify for use of its capital structure after applying the analysis set out
4 by the Commission?

5 A. No. DCP does not do its own financing, nor does it have a bond rating.

6 Q. Does CNG qualify for use of its capital structure after applying the analysis set
7 out by the Commission?

8 A. Yes. CNG is the company that purchased DCP and that does the financing for
9 DCP. CNG has its own bond rating, and its capital structure falls within industry
10 norms.

11 Q. What capital structure is DCP proposing in this proceeding?

12 A. As of December 31, 2006, the projected capital structure of DCP's parent, CNG,
13 is 43.14% Debt and 56.86% Equity, which is reflected on Statement F-2, Part 1 of
14 Exhibit No. DCP-4.

15 Q. Please explain the derivation of the common equity amount shown on Statement
16 F-2, Part 1, Exhibit No. DCP-4.

17 A. The actual common equity amount as of the end of the base period, or March 31,
18 2006, is adjusted by projected changes to be made by the end of the test period,
19 December 31, 2006.

20 Q. Please explain the calculation of the debt amount outstanding and the derivation
21 of the debt cost.

22 A. The derivation of the long-term debt amount is shown on Statement F-3, Exhibit
23 No. DCP-4. The actual long-term debt amount as of March 31, 2006, is adjusted

1 by the projected additional debt to be issued by the end of the test period,
2 December 31, 2006. The cost of long-term debt as of March 31, 2006, is 6.50%.
3 Any changes to the embedded debt cost will be updated as new debt is issued and
4 a revised debt cost is available.

5 Q. Did you make other adjustments to the actual debt outstanding as of March 31,
6 2006?

7 A. Yes. 01-B Senior Notes due 11/1/2006, bearing an interest rate of 5.375%, were
8 removed from the debt when determining capital structure and debt cost. This
9 debt will mature during the test period and it is Commission policy that long-term
10 debt due to mature within one year is considered short-term debt.

11 **Return on Equity and the Associated Risks of DCP**

12 Q. How was the recommended equity return allowance developed?

13 A. DCP Witness Moul's analysis supports an equity return of between 13.00% and
14 15.25%. From that range, I have selected a Return on Equity of 15% based on the
15 specific risks faced by DCP. This selection is appropriate in light of the
16 complexity of Cove Point operations, its status as an LNG import terminal, and
17 the financial and other risks that are described by DCP Witnesses Bomar and
18 Moul.

19 **OPERATING REVENUES**

20 Q. What services are being provided by DCP?

21 A. As described in more detail in the testimony of DCP Witness Bomar, DCP
22 provides three general categories of service. The first, I will refer to as "peaking
23 services." Peaking services include those offered under Rate Schedules FPS-1,

1 FPS-2 and FPS-3. DCP offers firm and interruptible “import services,” also
2 referred to as “tanker discharging service,” under Rate Schedules LTD-1 and
3 LTD-2. DCP also provides firm and interruptible transportation services under
4 Rate Schedules FTS and ITS.

5 Q. Please explain the details that Statement G provides.

6 A. Statement G provides a summary of DCP’s operating revenues for the base and
7 test periods, and the variances between the two periods. Quantities and operating
8 revenue are shown by rate schedule for Revenues from Transportation of Gas of
9 Others through Transmission Facilities (Account No. 489.2) and Revenues from
10 Storing Gas of Others (Account No. 489.4). In addition, surcharges, ACA,
11 capacity release credits and other items are shown separately. Schedules G-1 and
12 G-2 detail the revenues from all transportation-related services and the revenues
13 from all storage services including both peaking and import services. Schedule
14 G-3 describes the adjustments to base period quantities and revenues.

15 Q. Please explain the operating revenue details contained in Schedule G-1.

16 A. Schedule G-1 provides the monthly details for the base period that are
17 summarized in Statement G. Specifically, Schedule G-1 shows transportation
18 service revenue categorized by: (a) service for long term contracts for Rate
19 Schedule FTS, (b) incremental transportation service for Rate Schedule FTS:
20 Cove Point East, and (c) revenue from released capacity. Revenue from peaking
21 service is categorized by 10-day service on Rate Schedule FPS-1, 5-day service
22 on Rate Schedule FPS-2, and 3-day service on Rate Schedule FPS-3. Revenue
23 from import service is reflected on Rate Schedule LTD-1. There is no revenue

1 under Rate Schedule LTD-2. Rate Schedule ITS revenue, and various revenue
2 crediting mechanisms, are addressed in the footnotes of Schedule G-1.

3 Q. Please explain the operating revenue details contained in Schedule G-2.

4 A. Schedule G-2 provides the monthly detail for estimated revenue from each of the
5 services offered by DCP in the test period.

6 DCP identifies all operating revenue in the G schedules. DCP updated its billing
7 determinants based on service contracts that will be in place by the end of the test
8 period. Short term contracts and contracts that expire during the test period are
9 not included in Schedule G-2. One hundred percent (100%) of the reservation
10 rate component of all ITS and authorized overrun revenues are credited to firm
11 service customers, pursuant to the provisions of a settlement in Docket Nos.
12 CP01-76 and RP01-217 dated January 30, 2001. DCP does not propose to change
13 this crediting mechanism in this proceeding.

14 Q. Please describe how capacity release transactions are depicted in the schedules.

15 A. Each capacity release transaction is listed within the appropriate category for each
16 applicable month in Schedule G-1. Capacity release contract agreements are
17 designated with a number "5" as the first digit of the contract number. Statoil's
18 contract numbers also begin with the number "5" as the contracts were
19 permanently released to Statoil by El Paso Merchant Energy, L.P.

20 Q. How are discount transactions and segmentation treated?

21 A. DCP has included no discounted agreements in the design of rates for this
22 proceeding and is not seeking a discount adjustment. Further, DCP has no
23 revenue from segmentation.

1 Q. Please discuss the reservation billing determinants.

2 A. All peaking and LNG import services are fully subscribed; thus, there were no
3 changes in billing determinants reflected for those services on Schedules G-1 and
4 G-2. Billing determinants for FTS and FTS-Cove Point East were reduced for (1)
5 contracts that expired during the base period or will expire during the test period
6 and/or (2) capacity release contracts. Billing determinants for FTS-Cove Point
7 East were increased to reflect a full year's determinants, as the base period only
8 reflected reservation determinants for eleven (11) months because Cove Point
9 East went into commercial service on May 1, 2005.

10 **DEPRECIATION AND ASSET RETIREMENT OBLIGATION**

11 Q. Please provide explanations for Statement H-2 and Schedule H-2(1).

12 A. Statement H-2 provides the calculation of depreciation and amortization expense
13 for DCP's depreciable and amortizable investment projected to be in service by
14 December 31, 2006, or the end of the test period. Column (b) presents the current
15 depreciation and amortization rates used to calculate current accruals and Column
16 (c) represents the rates supported in the testimony of DCP Witness Feinstein. The
17 amortization of the acquisition adjustment authorized in Docket No. CP01-76 is
18 based on a 20-year life based on the term of LTD-1 shipper contracts. DCP
19 Witness Lovinger proposes the restoration of certain additional plant cost; these
20 restored costs are to be amortized over the average remaining life of the LNG
21 terminaling and processing plant. Schedule H2 (1) reconciles the depreciable
22 plant shown in Statement H-2 with the aggregate investment in gas plant shown in
23 Statement C.

1 Q. Do you have any comments with respect to the testimony submitted by DCP
2 Witnesses Feinstein and Taylor?

3 A. DCP Witness Feinstein provides testimony that supports appropriate depreciation
4 rates for the DCP system and the calculations to support an appropriate asset
5 retirement obligation (“ARO”) and negative salvage allowance. DCP Witness
6 Taylor presents testimony supporting extensive studies that result in an estimate
7 of the cost to dismantle the existing facilities and return the property to its natural
8 state. The total estimate of the cost to dismantle as supported by DCP Witness
9 Taylor is used by DCP Witness Feinstein in developing an appropriate accrual to
10 be reflected on DCP’s books in anticipation of the eventual retirement obligation.

11 For DCP’s onshore, offshore and liquefaction facilities, DCP Witness
12 Feinstein supports the recovery of the cost of dismantling through an ARO
13 calculation as prescribed in Commission’s Order No. 631 that was issued in
14 response to FAS 143. The distinction between the use of a traditional method and
15 the ARO method is based on the utility’s legal obligation to dismantle. The ARO
16 method as prescribed by Order No. 631 can be used only if it can be determined
17 that the utility has a legal obligation to dismantle. Under the agreement with the
18 Sierra Club and the Maryland Conservation Council, Inc., DCP is obligated to
19 remove or dismantle all above-ground structures and roadways.

20 Q. Why is it important to fund the cost of removal of the facilities now?

21 A. As supported by DCP Witness Feinstein, when it is certain that there will be a net
22 cost to remove and dismantle a facility at the end of its useful life, it is also
23 important to fund that cost over the life of the facility. All ratepayers who utilize

1 the facility should contribute to the long term costs of its removal. It would be
2 grossly unfair to leave the burden to only those ratepayers who utilize the facility
3 as it nears the end of its useful life.

4 Q. What will DCP do if the Commission does not approve the ARO?

5 A. DCP will propose to utilize traditional negative salvage methodology for purposes
6 of funding DCP's annual accrual for its eventual retirement obligation. DCP
7 Witness Feinstein sponsors schedules setting forth a negative salvage charge
8 under the traditional methodology.

9 **INCOME TAX ALLOWANCE**

10 Q. Please explain Statement H-3.

11 A. Statement H-3 sets forth the federal and state income tax calculations. The
12 computation of income taxes is based on a gross-up calculation on the taxable
13 portion of the return allowance. This calculation begins with the Rate Base as
14 shown on Statement B and applies it to the rate of return also shown on Statement
15 B and supported on Statement F-2, Part 2. Line 3 of Statement H-3 is the product
16 of multiplying the rate base by the weighted equity return as supported on
17 Statement F-2, Part 2. This amount represents the Taxable Portion of Return.
18 Line 5 represents the Taxable Portion of Return plus an amortization of the equity
19 portion of AFUDC to arrive at what is generally referred to as the Taxable Base.
20 The Taxable Base is then multiplied by a gross-up of the federal corporate tax rate
21 of 35%, which is calculated by dividing the tax rate by one minus the composite
22 income tax rate. The gross-up of the corporate rate of 35% is 53.85% -- a rate
23 that is generally referred to as the "tax-on-tax" rate. Because state taxes are

1 calculated on both the return allowance and the federal income tax allowance,
2 these two amounts are added and reflected on Line 7. State income taxes are then
3 calculated using the currently effective state income tax rate of 7.02% grossed-up
4 to a tax-on-tax rate of 7.55%. Line 9 reflects the product of multiplying the
5 grossed-up state tax rate by the state tax base shown on Line 7. The sum of State
6 income taxes and Federal income taxes is then carried forward to Schedule A.

7 Q. Why is it appropriate to use the corporate tax rate?

8 A. Because DCP is ultimately wholly owned by a taxpaying "C" corporation, the
9 corporate tax rate is the correct rate to apply. DCP Witness Lovinger provides
10 additional testimony on this issue.

11 Q. Please describe Statement H-4.

12
13 A. Statement H-4 reflects taxes other than income taxes as paid during the twelve
14 months ending March 31, 2006, compared to the amount of taxes that DCP will
15 incur based on "known and measurable" changes that have occurred and will
16 occur prior to the end of the test period.

17 **COST ALLOCATION AND COST CLASSIFICATION**

18 Q. Please provide a brief description of the schedules included in Statement I.

19 A. Statement I begins with Schedule I-1(a) Part 1 that shows the overall cost of
20 service allocated to the three types of services provided by DCP: peaking, import
21 and transportation. The schedules that follow provide support for these allocated
22 amounts. Schedule I-1(a) Parts 2 and 3 show the allocated cost of service and rate
23 base, respectively, for LNG Terminaling and Processing. Both the cost of service
24 and rate base are categorized as (1) On-Shore, excluding 5th Tank ("On-Shore"),

(2) 5th Tank, (3) Off-Shore and (4) Acquisition Adjustment / Restoration of Plant Cost. Schedule I-1(a) Parts 4 and 5 show the allocation of On-Shore cost of service and rate base, respectively, to peaking and import services. Schedule I-1(a) Parts 6 and 7 show the allocation of Off-Shore cost of service and rate base to peaking and import services. Schedule I-1(a) Parts 8 and 9 show the total cost of service and rate base that are directly charged and allocated to peaking services. Schedule I-1(a) Parts 10 and 11 show the total cost of service and rate base that are directly charged and allocated to import services. Schedule I-1(b) Parts 1 and 2 show the cost of service and rate base that are directly charged and allocated to incremental ("Cove Point East Transmission") and non-incremental ("General System Transmission") transportation services. Schedule I-1(d) Parts 1 and 2 show the derivation of the various ratios used to allocate costs. Schedule I-1(d) Parts 3 and 4 show the allocation of Administrative and General ("A&G") Costs. Schedule I-1(d) Part 5 shows the resulting allocation of total costs, using the ratios derived in Statement I-1(d) Parts 1 and 2.

Q. Please describe the method used to allocate A&G Expenses.

A. DCP's A&G Expenses are being allocated to Other Storage, LNG Terminaling and Processing and Transmission using the *Kansas-Nebraska* ("KN") methodology. The Commission adopted the KN method in Opinion No. 731. This method uses a combination of labor and gas plant ratios to allocate A&G costs among functions. An additional allocation, using Gross Plant Ratios, occurs for the A&G Expenses that are attributed to the LNG Terminaling and Processing and the Transmission functions. A&G for LNG Terminaling and Processing is

1 allocated among On-Shore, 5th Tank and Off-Shore; A&G for Transmission is
2 allocated between the Cove Point East Transmission facilities and General System
3 Transmission facilities.

4 Q. Why is the further allocation necessary?

5 A. LNG Terminaling and Processing is categorized as On-Shore, 5th Tank and Off-
6 Shore to facilitate the allocation of costs between peaking and import services;
7 therefore, A&G costs allocated to LNG Terminaling and Processing must be
8 allocated among the same categories. A&G for transmission requires the
9 additional allocation because of the incrementally-priced Cove Point East service,
10 which is distinguished in this manner from the rolled-in firm transportation
11 service that is otherwise provided under Rate Schedule FTS.

12 Q. Are any of the LNG Terminaling and Processing categories not allocated between
13 peaking and import services?

14 A. Yes. The 5th Tank is dedicated to import services by the terms of the January
15 2001 Reactivation Settlement. Therefore, it is appropriate for the cost of service
16 associated with this facility to be attributed solely to import services.

17 Q. Please describe why and how LNG Terminaling and Processing - On-Shore is
18 allocated between peaking and import services.

19 A. The On-Shore facilities, e.g. storage tanks, vaporizers and piping, are used to
20 provide services for both the peaking and import customers. Therefore, it is
21 appropriate that the cost of service associated with these facilities be allocated
22 between the two services. The allocation methodology used for On-Shore

1 considers both the tank capacity and peak-day sendout applicable to the two
2 customer classes.

3 Q. Please describe how tank capacity is allocated.

4 A. DCP has five storage tanks. As mentioned previously, one of the tanks -- the 5th
5 Tank -- is dedicated to the import shippers by terms of the Reactivation
6 Settlement described by DCP Witness Bomar. The other four tanks, which I will
7 refer to as the "original tanks," have a total capacity of roughly 5.0 Bcf. Using
8 the average Btu conversion for the base period of 1.051 Dth per Mcf, this
9 volumetric capacity represents 5,255,000 Dth of total storage capability. Peaking
10 shippers have a total maximum contract capacity of 1,440,000 Dth. Therefore,
11 the tank capacity reserved for the peaking shippers represents 27.4% of the total
12 capacity in the original tanks. The remaining 72.6% of tank capacity is reserved
13 for the import shippers.

14 Q. Please describe how sendout capacity is allocated.

15 A. On a peak day, peaking and import shippers have maximum contractual sendout
16 entitlements of 204,000 Dth and 750,000 Dth, respectively. In addition, peaking
17 customers are entitled to nominate Authorized Excess Withdrawal Quantities up
18 to 15% of their Maximum Daily Peaking Quantity. Under the tariff, Authorized
19 Excess Withdrawal Quantities are treated as a firm entitlement, giving peaking
20 shippers, in total, the right to utilize 234,600 Dth per day. Thus, for rate design
21 purposes, peaking shippers have 23.8% of the total peak-day entitlement of
22 984,600 Dth and import shippers have the remaining 76.2%. The withdrawal
23 period for peaking service is a four-month period from December through March;

1 therefore, the sendout for peaking services is available during one third (or
2 33.33%) of the year. The 23.8% peak-day entitlement ratio of the peaking
3 shippers is multiplied by the 33.33% availability ratio to derive an available peak-
4 day ratio share for the peaking service shippers of 7.93%.

5 Q. How are the tank capacity and available peak-day ratios used in the allocation of
6 costs to peaking services?

7 A. These two ratios are averaged to derive a Tank Capacity/Sendout Ratio share for
8 peaking service of 17.7%. This ratio is used when allocating On-Shore cost of
9 service and rate base to peaking services.

10 Q. What happens to the remaining 82.3% of the On-Shore cost of service and rate
11 base?

12 A. Those costs are allocated to the import services.

13 Q. Please describe why LNG Terminaling and Processing - Off-Shore is allocated
14 between peaking and import services.

15 A. During times when tanks are arriving at the terminal on a regular basis, inventory
16 for the peaking service customers is injected into the storage tanks via
17 displacement. In other words, rather than liquefying natural gas tendered by the
18 peaking shippers to DCP on its interstate pipeline, DCP uses the natural gas that is
19 tendered by the peaking shippers in order to satisfy contemporaneous sendout
20 requirements. DCP retains a corresponding quantity of LNG in the storage tanks
21 that otherwise would have been vaporized. Peaking shippers also have the option
22 of obtaining inventory via in-tank transfers from import shippers. Regardless of
23 the method of inventory acquisition that the peaking service customers elect, the

1 reality is that the LNG inventory of the peaking shippers is physically sourced
2 from the imports received by DCP through the Off-Shore facilities. The use of
3 these Off-Shore facilities benefits peaking shippers because it allows them to
4 avoid the substantial fuel retention that would be required for physical
5 liquefaction. Since LNG imports resumed, DCP has not performed liquefaction
6 on site, in favor of these more efficient methods of filling the peaking service
7 inventories. For these reasons, it is appropriate for peaking shippers to be
8 allocated a portion of the cost of service associated with Off-Shore facilities.

9 Q. How did DCP calculate the appropriate level of Off-Shore costs to allocate to the
10 peaking services?

11 A. DCP based the allocation of Off-Shore cost of service on the ratio of total
12 contractual capacity for peaking service to total cargos received, net of fuel,
13 during the base period. This Marine Usage Ratio represents the percentage of
14 total LNG received that can be attributed to the contractual capacity of the
15 peaking shippers.

16 Q. Please explain the derivation of the Marine Usage Ratio in more detail.

17 A. During the base period, DCP received 197,023,491 Dth of LNG, net of injection
18 fuel. The total contractual capacity for peaking service of 1,440,000 Dth was
19 divided by the total LNG received to derive the Marine Usage Ratio of 0.73%.
20 This ratio is used when allocating Off-Shore cost of service and rate base to
21 peaking services.

22 Q. What happens to the remaining 99.27% of Off-Shore cost of service and rate
23 base?

1 A. Those costs are allocated to the import services.

2 Q. Please describe how Transmission O&M Expenses are being allocated between
3 Cove Point East service and General System Transmission services.

4 A. As more fully described in the testimony of DCP Witness Verdun, the O&M
5 Expenses associated with the Cove Point East service are identifiable and are,
6 therefore, directly assigned to that service. Transmission O&M Expenses not
7 associated with Cove Point East are directly assigned to General System
8 Transmission services.

9 Q. Are there additional cost allocations that are being performed?

10 A. Yes.

11 Q. Please describe these additional allocations.

12 A. In the derivation of rate base, Intangible and General Net Plant, Working Capital
13 and Accumulated Deferred Income Taxes are allocated to functional plant using
14 Gross Plant Ratios. In the derivation of cost of service, Taxes Other Than Income
15 and Federal and State Income Taxes associated with the Transmission functions
16 are allocated between Cove Point East and General System using Rate Base
17 Ratios. Likewise, Taxes Other Than Income and Federal and State Income Taxes
18 are also allocated between LNG Terminaling and Processing and Acquisition
19 Adjustment using Rate Base Ratios.

20 Q. Please describe Schedule I-2.

21 A. Schedule I-2 requires the cost of service to be classified into fixed and variable
22 cost components and then further classified into reservation and commodity cost
23 components.

1 Q. Please define fixed and variable cost components.

2 A. Fixed costs are those costs that are unaffected by changes in the levels of LNG
3 processed or gas transported. Variable costs will fluctuate with changes in the
4 quantity of LNG processed or gas transported.

5 Q. How is the classification of cost of service items between reservation and
6 commodity components determined?

7 A. DCP is continuing to use the Straight-Fixed Variable ("SFV") approach for the
8 classification of the cost of service to the reservation and commodity cost
9 components. Under that approach, DCP has classified all fixed costs as
10 reservation costs and all variable costs as commodity costs.

11 Q. How are the costs classified in Schedule I-2?

12 A. For the General System and Cove Point East, the costs associated with each O&M
13 account are identified as fixed or variable. In addition, for the General System,
14 ratios of fixed and variable costs are derived for Total Other Storage Expenses,
15 Total LNG Terminaling and Processing Expenses and Total Transmission
16 Expenses. These ratios are used to classify allocated O&M costs as fixed and
17 variable where applicable in Schedule I-2 Parts 2 and 3.

18 Q. In terms of cost classification, please describe the types of costs that were
19 considered as variable.

20 A. The only costs identified as variable are compressor fluids. The two compressor
21 stations are associated with Cove Point East transportation service. There are also
22 compressor fluids associated with the vaporizers and other equipment.

23 Q. Please describe Schedule I-2 Parts 2 through 5.

1 A. Schedule I-2 Part 2 shows the cost classification for peaking services. The O&M
2 costs are allocated between fixed and variable costs, using the applicable ratios
3 derived in Schedule I-2 Part 1. All other costs are considered fixed. Schedule I-2
4 Part 3 shows the cost classification for import services. The O&M costs are
5 allocated between fixed and variable costs using the applicable ratios derived in
6 Schedule I-2 Part 1. All other costs are considered fixed. Schedule I-2 Part 4
7 shows the cost classification for General System Transmission services. The
8 O&M costs are allocated between fixed and variable costs using the applicable
9 ratios derived in Schedule I-2 Part 1. All other costs are considered fixed. And
10 finally, Schedule I-2 Part 5 shows the cost classification for the incrementally-
11 priced Cove Point East transportation service. The O&M costs are identified as
12 fixed or variable costs on Schedule I-2 Part 1. All other costs are considered
13 fixed.

14 **RATE DESIGN**

15 Q. Please describe Statement J.

16 A. Statement J compares the totals revenues by rate schedule, as computed in
17 Schedule G-2, to the allocated cost of service included in Statement I. In
18 addition, Statement J categorizes (1) the revenue for each rate schedule by the
19 reservation and commodity components, and (2) the allocated cost of service for
20 each rate schedule by the fixed and variable costs. Excluded from Statement J are
21 costs associated with the Annual Charge Adjustment and those costs that are
22 tracked through DCP's Electric Power Cost Adjustment.

23 Q. Please describe Schedule J-1.

1 A. Schedule J-1 reconciles the reservation and commodity billing determinants by
2 rate schedule, as contained in Schedule G-2, with those used to design rates in
3 Schedule J-2. The only differences are the commodity billing determinants that
4 are used for the peaking service rate schedules. Rather than using the actual
5 commodity quantities as represented in Schedule G-2, rates are designed on the
6 sum of the Maximum Contract Peaking Quantities as included in each shipper's
7 service agreement.

8 Q. Please describe Schedule J-2.

9 A. Schedule J-2 is divided into three parts and details DCP's rate design
10 methodologies.

11 Part 1 shows the derivation of rates for peaking services. Part 2 shows the
12 derivation of rates for import services. Part 3 shows the derivation of rates for
13 transportation services under Rate Schedule FTS, which also includes the
14 incrementally-priced transportation service resulting from the Cove Point East
15 project and services under Rate Schedule ITS.

16 Q. Please describe the derivation of the rates for DCP's peaking services as shown
17 on Schedule J-2 Part 1.

18 A. As defined in DCP's FERC Gas Tariff, Rate Schedules FPS-1, FPS-2 and FPS-3
19 have a two-part rate consisting of a reservation component and a commodity
20 component. DCP is not proposing to change this rate design. The first step in
21 deriving the peaking service reservation rates is the allocation of fixed costs to the
22 three rate schedules. Total fixed costs (Schedule I-2 Part 2) are allocated equally
23 between deliverability (or demand) and capacity using the *Equitable* Method. For

1 each rate schedule, the Maximum Daily Peaking Quantities (“MDPQ”) and
2 Maximum Contract Peaking Quantities (“MCPQ”) are totaled. Ratios of each rate
3 schedule's MDPQ and MCPQ to the respective totals are calculated. Using these
4 ratios, the deliverability and capacity costs are allocated to each rate schedule.
5 The allocated deliverability and capacity costs are then totaled for each rate
6 schedule. For each rate schedule, the total allocated fixed cost is divided by the
7 annual MDPQ, to derive the one-part Reservation Rate. The total variable costs
8 (Schedule I-2 Part 2) are divided by the total MCPQ for all rate schedules, to
9 derive the Commodity Rate that is applicable to all peaking services. Overrun
10 rates are derived as the 100% load factor of the relevant maximum rates for
11 service under each rate schedule.

12 Q. What are the maximum rates for peaking services being proposed by DCP in this
13 filing?

14 A. DCP is proposing the following maximum rates: Rate Schedule FPS-1:
15 reservation \$6.2776 per Dth and overrun \$0.2637 per Dth; Rate Schedule FPS-2:
16 reservation \$4.4376 per Dth and overrun \$0.2032 per Dth; and Rate Schedule
17 FPS-3: reservation \$ 3.7021 per Dth and overrun \$0.1790 per Dth. In addition,
18 DCP is proposing \$0.0573 per Dth as the maximum commodity rate applicable to
19 all peaking services.

20 Q. Please describe the derivation of the rates for import services as shown on
21 Schedule J-2 Part 2.

22 A. As defined in DCP's FERC Gas Tariff, Rate Schedule LTD-1 has a two-part rate
23 consisting of a reservation component and a commodity component. DCP is not

1 proposing to change this rate design. Total fixed costs (Schedule I-2 Part 3) are
2 divided by the annual Maximum Daily Delivery Quantity to derive the LTD-1
3 Reservation Rate. Total variable costs (Schedule I-2 Part 3) are divided by the
4 annual LTD-1 commodity determinants to derive the LTD-1 Commodity Rate.
5 The maximum overrun rate is based on the 100% load factor of the firm service
6 rate. The maximum Commodity Rate applicable for service under Rate Schedule
7 LTD-2 is the 100% load factor of the maximum rate applicable to service under
8 Rate Schedule LTD-1.

9 Q. What are the maximum rates for import services being proposed by DCP in this
10 filing?

11 A. DCP is proposing a maximum reservation rate of \$8.8409 per Dth, a maximum
12 commodity rate of \$0.0031 per Dth, and an overrun rate of \$0.2938 per Dth for
13 Rate Schedule LTD-1. In addition, DCP is proposing \$0.2938 per Dth as the
14 maximum commodity rate for Rate Schedule LTD-2.

15 Q. Please describe the derivation of the rates for transportation services as shown on
16 Schedule J-2 Part 3.

17 A. Schedule J-2 Part 3 shows the cost of service, annual determinants and rates for
18 both the non-incrementally-priced firm transportation service and the
19 incrementally-priced firm transportation service for Cove Point East shippers.
20 Both of these services are provided under Rate Schedule FTS. The interruptible
21 transportation rate for Rate Schedule ITS service is also shown. As defined in
22 DCP's FERC Gas Tariff, Rate Schedule FTS has a two-part rate consisting of a
23 reservation component and a commodity component. DCP is not proposing to

1 change the existing rate design. For FTS, total fixed costs (Schedule I-2 Part 4)
2 are divided by the annual Maximum Firm Transportation Quantity to derive the
3 Reservation Rate. Total variable costs (Schedule I-2 Part 4) are divided by the
4 annual FTS commodity determinants to derive the FTS Commodity Rate. Similar
5 calculations are performed for FTS Cove Point East (Schedule I-2 Part 5). The
6 FTS Overrun Rate is derived as the 100% load factor of the maximum FTS rates.
7 The maximum Commodity Rate applicable for service under Rate Schedule ITS
8 is the 100% load factor of the maximum rate applicable to service under Rate
9 Schedule FTS.

10 Q. What are the maximum rates for transportation services being proposed by DCP
11 in this filing?

12 A. DCP is proposing a maximum reservation rate of \$0.6292 per Dth, a maximum
13 commodity rate of \$0.000 per Dth, and an overrun rate of \$0.0207 per Dth for
14 Rate Schedule FTS; a maximum reservation rate of \$2.1719 per Dth and a
15 maximum commodity rate of \$0.0014 per Dth for Rate Schedule FTS-Cove Point
16 East; and \$0.0207 per Dth as the maximum commodity rate for Rate Schedule
17 ITS.

18 **FINANCIAL STATEMENTS**

19 Q. Please describe Statement L.

20 A. Statement L reflects DCP's balance sheet for the beginning of the base period
21 (April 1, 2005) and at the end of the base period (March 31, 2006). Notes
22 associated with these balances are available for reference in DCP's applicable
23 FERC Form Nos. 2-A and 3-Q.

1 Q. Please describe Statement M.

2 A. Statement M reflects DCP's income statement for the base period. Notes
3 associated with the income statement are available for reference in DCP's
4 applicable FERC Form Nos. 2-A and 3-Q.

5 Q. Does this conclude your testimony?

6 A. Yes.

UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION

Dominion Cove Point LNG, LP

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Docket No. RP06-_____

AFFIDAVIT OF MACHELLE F. GRIM

Machelle F. Grim, being first duly sworn according to law, on oath deposes and says: that she is the witness whose testimony appears on the preceding pages entitled "DIRECT TESTIMONY OF MACHELLE GRIM ON BEHALF OF DOMINION COVE POINT LNG, LP" in this proceeding; that, if asked the questions which appear in the text of the aforesaid testimony, affiant would give the answers that are therein set forth; and that affiant adopts the aforesaid testimony as her sworn testimony in these proceedings.


Machelle F. Grim

Subscribed and sworn to before me this 27 day of June, 2006.


Notary Public

District of Columbia
My Commission Expires: 11/14/07