

**GAS ROYALTY CALCULATION
INFORMATION BULLETIN
January 2004**

04-01

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PLEASE ENSURE YOUR PRODUCTION ACCOUNTANTS RECEIVE A COPY OF THIS DOCUMENT.

A. PRICING RATES AND TRANSPORTATION INFORMATION

For Pricing, Royalty Rates and Transportation Information for November 2003, refer to [Attachments 1, 1A, 2, 2A, and 3](#).

B. NOTICES

Submission of Production Year 2003 Allowable Cost (AC) and Corporate Average Price Calculation (VA) Forms

Royalty clients are advised that Allowable Cost forms (AC1, AC2, AC3, AC4, and AC5) and Corporate Average Price Calculation forms (VA2 and VA3) for the 2003 production year should be submitted to the Department for processing.

The form due dates are as follows:

<u>Form</u>	<u>Due Date</u>
AC1	March 1, 2004
AC4	March 31, 2004
AC2	April 30, 2004
VA2	April 15, 2004
VA3	April 15, 2004
AC5	May 15, 2004
AC3	May 15, 2004

[Appendix C of the Natural Gas Royalty Guidelines](#), June 2003, outlines the form edits for paper submission documents. Electronic form filers should check the Department's Internet site for electronic form edits.

Gas royalty payers and their service providers should go to the Registry to retrieve PDF and text versions of the gas royalty reports such as the Gas Royalty Invoice, Statement of Account, Turnaround Reports, and form reject reports. Clients with reports in UDF and DDF formats can also retrieve their files on the Registry. The following Internet web site identifies all of the Department of Energy's E-transfer systems.

<http://www.energy.gov.ab.ca/com/ETS/default.htm>

If you are amending a facility cost centre operator or setting up a new 2003 facility cost centre, please submit your AC1 document in a timely manner to ensure that you can file your AC4 or AC2 documents without penalty.

Otherwise Flared Solution Gas (OFSG) Report

Please be advised that effective with the November 2003 Billing Period Invoice, the Department will be including along with the monthly invoice, a new report providing the Otherwise Flared Solution Gas (OFSG) Details. The report can be requested via the Registry in either text or PDF format. If you have any questions regarding the information on this report, please contact Ms. Jamie Niles at (780) 422-9264 or Ms. Rose Dykes at (780) 422-8083.

Notice on Training and Information Session

The Gas Royalty Calculation Unit is arranging a training and information session on February 18, 2004 in Calgary. This session will be on Capital Cost Allocation filing requirements. We encourage all production accountants to attend the session, as it will provide an overview on Facility Cost Center (AC1), Capital Cost Allocation (AC2), Capital Cost Allowance Reallocations (AC3), Allowable Costs (AC4) and Allowable Costs – Custom Processing Fees Paid (AC5-V2) filing. There is still opportunity to register; your registration should be forwarded by e-mail to Mary.Carrie@gov.ab.ca or by contacting the Client Services Operational Analyst for your company as identified in Section G – Points of Contact. For those who have registered there will be an e-mail providing scheduled times. There will be a morning and afternoon session, located at:

EnCana – Calgary Tower Centre
115 - 9th Avenue S.E.
Calgary, AB T2P 2S5
(403) 645 –2000

Note: Go to the escalators and straight down the hall to Amphitheatre TC 260 (clearly marked and located on the left hand side)

We would like to thank EnCana Corporation for sponsoring DOE and providing the facility.

C. MONTHLY INFORMATION

November 2003 Royalty Due February 29

- **Royalty clients are to remit the total amount payable shown on the February 2004 Statement of Account by February 29, 2004.** If the amount payable includes accrued current period interest, the interest has only been accrued to the statement issue date. Clients must also include the additional interest that has accrued from the statement issue date to the date of payment, using the per diem amount provided.
- **The February 2004 Statement of Account shows your amount payable as of the Statement issue date. It includes any outstanding balances from your previous statement, your November 2003 Invoice amount and any applicable current period interest charges. It also identifies refunds resulting from overpayments.**
- Current period interest will not be charged on current invoice charges for the production month of November 2003 if it is paid in full by February 29, 2004.

- Current period interest will accrue on any overdue charges commencing the first day after the due-date until it is paid in full.

Note: If the due date falls on a non-business day, payments will be accepted on the next business day.

- Cheques are payable to the Minister of Finance, Province of Alberta.

December 2003 VA4 Due February 15

The VA4 documents for the production month of December 2003 are due in the Department offices by February 15, 2004.

NOTE:

- If the due date (15th) falls on a non-business day, the next business day will apply as the due date for VA4 documents.

December 2003 Production Reporting

December 2003 production reporting is submitted through the Registry. The deadline for submission of SAF, OAF, and Volumetrics is posted in the Registry Reporting Calendar at:

<http://www.petroleumregistry.gov.ab.ca>

Changes to this calendar will be posted on the Registry web site home page in “Broadcast Messages.”

Interest Rate January 2004

The Department of Energy’s interest rate for January 2004 is 5.50%.

October Provisional Assessment Charge

The net Provisional Assessment Charge for the October 2003 billing period was (\$5,869,522.53). This includes \$21,701,033.13 in first time provisional assessments and (\$27,570,555.66) in reversals of provisional assessments for all production periods.

October Penalty Charges

The following are the Penalty Charges by form type for the October 2003 billing period:

FORM	Penalties Charged
AC2	\$12,100
AC4	\$0
AC5	\$14,300
GR2	\$0
NGL1	\$0
VA2	\$0
VA3	\$0
VA4	\$0
Total Charged	\$26,400
Total Reversed	(\$18,900)
Net Penalties Charged for 2003/10	\$7,500

Alberta Royalty Tax Credit Program Quarterly Rate

For the first quarter of 2004, the Alberta Royalty Tax Credit rate will be .2500. This rate is based on a royalty tax credit reference price of \$370.86 per cubic metre. The Alberta Royalty Tax Credit rates for the past year were:

Fourth Quarter, 2003	.2500
Third Quarter, 2003	.2500
Second Quarter, 2003	.2500
First Quarter, 2003	.2500

If you have any questions, please contact Kent Nelson of Tax Services at (780) 427-9425, ext. 44066.

D. INFRASTRUCTURE DATA CHANGES

Client ID Listing

The Client ID listing can be found on the Internet at the following address:

<http://www.energy.gov.ab.ca/com/Gas/Reference+Codes/Reference+Codes.htm>

The listing, which is updated monthly for active clients, also includes clients who are inactive, struck, or terminated since January 1998.

Please note the Client ID listing (Post Registry) corresponds with the implementation of the Registry. For effective dates of active and amalgamated clients prior to September 1, 2002, please refer to the Client ID listing (Pre Registry).

If you require information before January 1998 regarding the status of a Client ID, please call Gas Royalty Client Services using the phone numbers as described in [Section G](#). The Department would like to remind those browsing the site to note the effective and termination dates of the Client IDs.

Projects/Blocks

If information is required on any Projects or Blocks, please contact Isabelle Warwa at (780) 427-8952.

Struck Clients

Clients must ensure that all royalty documents are completed using only valid client names and IDs. It is critical that royalty clients use current legal client names and their appropriate IDs on all documents to ensure accurate royalty calculation and to prevent provisional assessment and penalties. Rejects will occur when invalid IDs are used.

If you require information regarding client names or IDs, please contact Client Registry at (780) 422-1395.

The following is a list of struck, cancelled, dissolved and revived clients:

Company Name	Client ID	Struck Date
M.H. Marshall Consulting Ltd.	0J1T	December 2, 2003
Coastal Plain Resources Ltd.	0RM5	December 2, 2003
Dynamix Corporation	0JA7	December 2, 2003
Excel Valley Petroleum Ltd.	0YW7	December 2, 2003
Paradigm Resources Ltd.	0WD3	December 2, 2003
Triple V Consulting Ltd.	0A8D	December 2, 2003
Keller Resources Inc.	0H4K	December 2, 2003
Black Canyon Oil & Gas Ltd.	0C3E	January 2, 2004
Red Leaf Energy Inc.	0ZT1	January 2, 2004
Hegco Canada Inc.	0ZX9	January 2, 2004
Suprex Energy Corporation	0YL9	January 2, 2004
LBH Resources Ltd.	0P90	January 2, 2004
Miami Resources Ltd.	0K1T	January 2, 2004
Clearview Explorations Ltd.	0E8G	January 2, 2004
Southport Resources Ltd.	0ZY2	January 2, 2004
Company Name	Client ID	Cancelled Date
Black Hills Energy Resources Inc.	0XX7	December 2, 2003
Kam-Kotia Mines Limited	0GP1	January 2, 2004
Dunhaven Energy Inc.	0F5A	January 2, 2004
Company Name	Client ID	Dissolved Date
Mountain Bell Energy Ltd.	0P97	December 5, 2003
Corsair Exploration Inc.	0YM8	January 2, 2004
Company Name	Client ID	Revived Date
562560 Alberta Limited	0WN8	December 3, 2003
Maxwell Oil & Gas Ltd.	0RN7	January 5, 2004

Nova Tolls - Multiple Gas Reference Prices

Royalty information related to the implementation of the Factor Model negotiated with industry for determining Multiple Gas Valuation Prices is provided on the Department Internet site at:

<http://www.energy.gov.ab.ca/com/gas/royalty+info/royalty+related+information.htm>

E. REMINDERS

Inclusion of CO₂ Removal Costs in the Gas Reference Price

Background:

On September 24, 2002, the Alberta Energy and Utilities Board (EUB) approved Nova Gas Transmission Ltd.'s (Nova) application for implementation of a CO₂ Management Service. Nova's application was in response to complaints centered on Nova's practice of accepting onto its transportation system, gas containing greater than 2% by volume of carbon dioxide (CO₂). Effective with January 2003 deliveries, Nova stopped accepting system gas containing greater than

2% by volume of carbon dioxide (CO₂) unless the shipper had signed a CO₂ management service agreement. The overall revenue collected under these agreements is used to offset overall costs of extracting the CO₂. Nova is allocated 10% of any excess revenue to a maximum of \$500,000, with the remainder credited to the system-wide revenue requirement in the subsequent year.

The following information identifies how the department will recognize the CO₂ Management Service fee, and CO₂ Extraction contracts for royalty purposes, effective 2003:

Gas Cost Allowance:

The costs to extract CO₂ at a field gas plant are included in the Gas Cost Allowance (GCA), which is an eligible deduction in the calculation of natural gas royalties. The Crown has recognized that the costs are required to make the natural gas marketable and therefore the costs are appropriate for cost allowance. The Department will allow a producer GCA if they incur costs in modifying their plant to extract CO₂ prior to delivery to a meter station. However, **CO₂ costs or other processing costs incurred downstream of the gas plant are not allowed to be included in GCA, as these costs will be recognized in the Gas Reference Price (GRP) calculation.**

If a gas plant receives payment from Nova to reduce their CO₂ content under a CO₂ extraction contract, then the incremental operating costs to reduce the CO₂ content is not eligible for GCA and must be excluded from the Operating cost reporting on the AC4. If it is not possible to identify the incremental operating costs, then any revenues received from Nova for extracting CO₂ must be excluded. If an operator cannot allocate the incremental cost to all facility cost centers (FCC), one of the FCC's must be chosen to reflect the excluded cost or revenue received.

Gas Reference Price:

The fee paid to Nova is a cost incurred downstream of the gas plant and is included in the GRP by adjusting the Intra-Alberta Transportation Deduction portion of the GRP calculation. Allowing CO₂ Management Service Billings to reduce the GRP, as long as the same fees are not included in Gas Cost Allowance, recognizes that the service is required to make the gas marketable. The excess revenue generated from the CO₂ Management Service Billings over costs is credited back to all shippers through a reduction in the system-wide revenue requirement in the subsequent year.

Corporate Average Price:

Royalty clients that have elected to have their Crown royalty share of raw gas, residue gas, and ethane valued at the Gas Corporate Average Price (CAP) will also be allowed an eligible deduction. A royalty client calculates CAP annually using his own sales for the period. If a CAP client has incurred a CO₂ Management Service fee, the Department will accept CAP reporting that includes the CO₂ Management Service Billings, as transportation costs incurred by a producer, who is also a shipper, as an eligible deduction. This is consistent with the inclusion of the CO₂ Management fee in the Gas Reference Price. CAP filers can include the Billings in Section 2.3 (Total cost incurred by the royalty client to transport the gas reported in column 2.1 within Alberta) of the VA2 form.

If you have any questions, please contact David Isaac at (780) 422-9258.

Update - 1999 Audits in Progress

In accordance with statutory requirements and royalty recalculation guidelines as documented in Information Letter 97-25, non-operator partners are advised that certain 1999 capital cost and custom processing adjustment factor (CPAF) and reporting discrepancy audits are currently in progress. Completion of the audits and royalty recalculations/assessments, if required, will occur in 2004. For a complete listing of the affected EUB facilities, refer to [Attachment 4](#).

Clients are also reminded that in accordance with Information Letter 97-25, amendments received by the Department in the fourth year following the production year may be subject to audit. If the amendments are received late in the fourth year and insufficient time is available for the Department to commence a review of the amendments prior to the end of the year, the Department reserves the right to commence the audit at the beginning of the fifth year.

If you have any questions, please contact Chris Lawton of the Compliance & Assurance group at (403) 297-6746.

Meter Station Factors

The Department has published in Information Letter 2003-34, retroactive amendments to prescribed Meter Station Factors. The Meter Station Factors affected are September 2002 and September 2003, and the annual prescribed Meter Station Factors effective October 2003.

The Meter Station Factors listing for those retroactive amendments can be found using the following link:

<http://www.energy.gov.ab.ca/gmd/images/2003-34-a4.pdf>

The Meter Station Factors listing for those prescribed effective October 2003 can be found using the following link:

<http://www.energy.gov.ab.ca/gmd/images/2003-34-a4A.pdf>

Facility Cost Centre (AC1) Amendments

In response to the previous article regarding the RRIR Initiative Proposed Operating Cost Regime Change, the following points regarding Facility Cost Centre (FCC) AC1 amendments need to be clarified.

The following fields are not effective dated. Any change within these fields will be applied to the initial effective date of the FCC:

- Field 5.1 FCC Type
- Field 5.2 FCC Processing Sub-type
- Field 2.8 Associated EUB Facility Code
- Field 2.9 Previous FCC Code
- Field 2.10 Reported EUB Facility Code

Amendments cannot be made to the EUB Facility Code (Field 2.1) for an established FCC. The existing FCC must be terminated and a new AC1 set up with the amended EUB Facility Code, which will result in a new FCC number being assigned.

If any changes to the above fields are required, procedures regarding closed-out years and statute barred years apply.

If you have any further questions or concerns, please contact Penny White at (780) 415-2679.

Operating Cost Survey Status Update

Thank you to all of the operating cost survey respondents for submitting their operating cost requirements to the Department by the reporting deadline. In total, 159 facility operators were asked to participate in the survey. There are still 6 companies that the Department is expecting submissions from. As mentioned in the October 2003 Gas Royalty Calculation Information Bulletin, the Royalty and Related Information Review (RRIR) Committee has asked the Department to publish the names of the facility operators who have not complied with the reporting requirement by the reporting deadline. The Department has not received the required information from the following companies:

- FET Resources Ltd.
- Hunt Oil Company of Canada, Inc.
- Piper Energy Inc.
- Ricks Nova Scotia Co.
- Rubicon Energy Corporation
- Harvard International Resources Ltd.

The Department has begun to use the information collected to compile the processing, gathering and compression rates that are to be used in the royalty impact analysis of the operating cost regime change proposed in the RRIR. These rates will be updated for the analysis if the facility operator subsequently amends the supporting data.

The operating cost survey information is critical to the advancement of this initiative. To assess the reasonableness of the surveyed data, selected facilities will be audited. The Department's Compliance and Assurance group has commenced this undertaking and expect all audits to be completed by March 2004. As the proposed operating cost regime is expected to address stakeholders' concerns with the current operating cost regime, facility operators are required to co-operate during the audit review to enable timely completion of the audits and an accurate assessment of potential royalty impact.

Allowable Cost (AC) Forms

To ensure accuracy and minimize AC form rejections, updated versions of the AC forms can be found in [Appendix P of the June 2003 Alberta Natural Gas Royalty Principles and Procedures](#). Complete filing instructions can be found and reviewed in Ch. III, Sec. 5.

For further information, please contact your Gas Royalty Client Services Help Desk client portfolio team identified in [Section G](#).

Industry Recalculation of 1999 Royalty

Industry initiated royalty recalculation requests for the 1999 production year must be submitted in writing to the attention of David Nichiporik of the Gas Royalty Client Services, consistent with Information Letter 97-25 requirements, prior to December 31, 2003.

Close-out for Operations

Production Year 2001

As prescribed by the Natural Gas Royalty Regulation, 2002, royalty clients are required to file accurate and timely information within specified time frames for a production month or production year. Inherent in the business of gas production is the frequent adjustment and balancing of reported volumes and distribution of costs. These adjustments result in retroactive processing of Industry submitted royalty documents to accurately reflect volumetric ownership and ensure appropriate distribution of costs. To contain the extent of retroactive processing and to facilitate the completion of audits within the legislated time frames, an Operational Close-out process has been established. Normally two years after the end of a production year, that production year is operationally closed. When a production year is operationally closed, the Mineral Revenues Information System (MRIS) will reject any royalty document submitted for a closed out production year after the established close-out dates, unless written authorization is granted by the Department.

Facility Operators and Owners must ensure that correcting documents required to clear unreconciled volumetric discrepancies and to amend the distribution of costs for the closed-out production year are submitted prior to the close-out dates. Facility operators and owners are encouraged to review the following reports produced by the Department to focus on facilities that require immediate attention prior to close-out:

- Rejection Notices
- Summary of Outstanding OAS Volumetric Discrepancies
- Annual Reports
- Reconcile Statement of Account Balances
- Operating Cost Deduction at Facilities with No Capital Ownership or Custom Processing Fees

The close-out dates are as follows for the production year of 2001:

<u>Production Year Primary Documents</u>	<u>Secondary Documents</u>
Close-Out Date	Close-Out Date
January 15, 2004	March 15, 2004

Note: There are only two secondary documents: the Reassignment of Volumes Set Up/Change (RMF2) and the Annual Capital Cost Allowance Reallocation (AC3). All others are primary documents.

Should circumstances warrant the amending of documents for a closed-out year, the Department must receive a Year End Close Out (YECO) form, or a written request to open the year. The YECO form is an alternative to the formal written request. A written request must include the following detailed information:

1. Specific reason for processing documents after operational close-out.
2. List of document types being amended (i.e. OAS, RMF2, AC2).
3. Affected facilities and/or stream IDs (i.e. Gas plant code, facility cost centre code, well event).
4. Copy of letter from the operator to affected partner(s) advising of completion of rework.
5. Estimated dollar impact.
6. Paper copies of the document(s) to be processed.

Operators and owners must ensure that submitted documents meet MRIS edit criteria.

Documents that do not meet MRIS edit criteria will be rejected and the client will be notified by a rejection notice. Royalty documents that meet MRIS edit criteria will be processed and will be subject, where applicable, to the following:

- Provisional Assessments
- Recalculation of Royalty
- Interest Calculations
- Re-calculation of Allowable Costs, including the Corporate Effective Royalty Rate (CERR).

Where applicable, results of the processed documents will be reflected in the Crown Royalty Detail Statement, Invoice, and Statement of Account.

The YECO requests together with the applicable royalty documents must be submitted to:

Gas Royalty Client Services
8th Floor, North Petroleum Plaza
9945- 108 Street
Edmonton, Alberta T5K 2G6

Commercial Storage Activity Reports No. 1 and No. 2

The following change has been made to the Commercial Storage Activity Reports No. 1 and No. 2 (part 2) to include:

Volumes Amortized/Crwn Agrmnt – paid native gas, amortized volumes

Filers of the Commercial Storage Activity Reports may include more than one ID in the Meter Station Tie To Reproducing Facility ID, Reproducing Facility ID and Reproducing Battery ID's sections in both Reports No. 1 and No. 2.

These revised reports are to replace all previous versions, effective immediately. Should you have any questions or concerns, please contact Joey Dennis at (780) 422 9260 or Bobby Gill at (780) 422 9265.

F. PRINCIPLES AND PROCEDURES

Updates (as of December 2003)

The Department has issued a reprint of the June 2003 issue of the Gas Royalty Principles and Procedures. Due to the quantity of changes, inserts for the recent updates have not been included with this Information Bulletin; however, a listing of the recent updates has been provided in [Attachment 5](#) and is also available as per the following link:

<http://www.energy.gov.ab.ca/com/Gas/Guidelines/GuidelinesPost/2003Guidelines.htm#updates>

The June 2003 edition is applicable for October 2002 production periods forward, while the September 2001 edition continues to be applicable for periods prior to October 2002.

The 2003 Gas Royalty Principles and Procedures are available for print from the Department's Internet site as per the following link:

<http://www.energy.gov.ab.ca/com/Gas/Guidelines/GuidelinesPost/2003Guidelines.htm>

Should a paper version be required, please contact:

Alberta Department of Energy
Calgary Information Centre
3rd Floor, Monenco Place
801 – 6th Avenue SW
Calgary, Alberta

Telephone: (403) 297-6324
Fax: (403) 297-8954

G. POINTS OF CONTACT

Petroleum Registry of Alberta

The Petroleum Registry of Alberta Service Desk is the focal point for communications with the Registry regarding preparations for, access to, or utilization of the Registry. To contact the Petroleum Registry of Alberta Service Desk call: 1-800-992-1144.

Department of Energy Hotline & Internet

Prices, Royalty Rates, and Transportation Information are available on the Department of Energy Internet address or hotline: (403) 297-5430. In addition, both the Gas Royalty Calculation Information Bulletin and Information Letter are also available on the Internet address:

<http://www.energy.gov.ab.ca/com/gas/default.htm>

Note: To access the sulphur price call the Department of Energy hotline at (403) 297-5430. Wait to hear the recorded list of options, then press #1 on your touch-tone phone for Natural Gas Information. Again, wait for the recorded list of options, then press #3 for Gas Royalty Rates.

Gas Royalty Client Services

Effective March 1, 2003, the Gas Royalty Client Services Help Desk changed to a Business Associate client portfolio system. Listed below is the portfolio breakdown along with Help Desk team leads and new phone numbers. Please note that the portfolios are divided by company name and not by BA ID.

Example: If your company name is "The Gas Company" you would call C – G team at (780) 644-1202.

	Phone Number	Team Lead
Numbered companies, A, B & L	(780) 644-1201	Mary Carrie
C – G	(780) 644-1202	Matilda Rideout (eff. Feb. 1 – Renee Matsuba)
H – P (excluding L)	(780) 644-1203	Chris Nixon (Feb. 1 to Mar. 1, Matilda Rideout)
Q – Z	(780) 644-1204	Kamal Rajendra

Gas Royalty Reception: (780) 427-2962
Fax: (780) 427-3334 or (780) 422-8732
Alberta Toll Free: (780) 310-0000

Hours of operation are 8:15 a.m. to 4:30 p.m.
Voice messages left after 4:30 p.m. will be answered the next business day.

Calgary Information Centre

3rd Floor, 801 – 6th Avenue S.W.
Calgary, Alberta T2P 3W2
Telephone (403) 297-6324
Fax (403) 297-8954

Alberta Royalty Tax Credit Information

Alberta Tax and Revenue Administration
Tax Services
Telephone: (780) 427-3044
Alberta Toll Free: (780) 310-0000
Fax: (780) 427-5074
For further information, please contact Tax Services at (780) 427-9425.

Deen Khan
Acting Director, Gas Royalty Calculation
Gas Development

Attachments

2003 GAS AND ISC PRICES

MONTH	Gas Reference Price (\$/GJ)	Methane ISC Reference Price (\$/GJ)	Methane ISC Par Price (\$/GJ)	Ethane ISC Reference Price (\$/GJ)	Propane ISC Reference Price (\$/GJ)	Butanes ISC Reference Price (\$/GJ)	Pentanes plus ISC Reference Price (\$/GJ)
JAN	5.88	5.84	4.91	6.12	6.11	6.14	6.16
FEB	6.83	6.78	5.84	7.23	7.35	7.36	7.36
MAR	8.94	8.94	6.78	8.96	8.71	8.81	8.80
APR	5.88	5.80	8.94	6.25	6.43	6.48	6.52
MAY	5.73	5.68	5.80	6.09	6.27	6.32	6.35
JUN	5.93	5.86	5.68	6.31	6.48	6.51	6.55
JUL	5.58	5.53	5.86	5.84	5.95	5.99	6.01
AUG	5.08	5.03	5.53	5.33	5.41	5.45	5.47
SEPT	5.19	5.16	5.03	5.38	5.43	5.48	5.51
OCT	4.92	4.88	5.16	5.05	5.08	5.12	5.15
NOV	4.60	4.56	4.88	4.82	4.89	4.93	4.96
DEC							

Natural Gas and NGLs Select Prices for 2003				
Commodity	Post-October 2002 Production	2003		
New Methane	1.252 \$/GJ	1.290 \$/GJ		
Old Methane	0.372 \$/GJ	0.379 \$/GJ		
New Ethane	1.267 \$/GJ	1.290 \$/GJ		
Old Ethane	0.372 \$/GJ	0.379 \$/GJ		
Propane	1.267 \$/GJ	1.290 \$/GJ		
Butanes	1.267 \$/GJ	1.290 \$/GJ		
Pentanes plus	45.30 \$/m3	46.11 \$/m3		
Royalty Factors for Pentanes plus				
	Base	Marginal	Base	Marginal
New Pentanes	22	35	22	35
Old Pentanes	22	50	22	50

DETAIL OF THE NOVEMBER 2003 GAS AND ISC REFERENCE PRICES						
	Gas	Methane	C2-IC	C3-IC	C4-IC	C5-IC
Weighted Average Price of Alberta	5.033	5.010	5.112	5.101	5.113	5.120
Deductions: Intra – Alberta Transportation	0.269	0.286	0.163	0.115	0.089	0.067
Marketing Allowance	0.041	0.041	0.041	0.041	0.041	0.041
Price Before Pipeline Factor	4.723	4.683	4.908	4.946	4.983	5.011
Pipeline Fuel/Loss Factor	0.993	0.993	0.993	0.993	0.993	0.993
Price before Special Adjustment	4.688	4.648	4.871	4.909	4.946	4.974
Special Adjustment	0.000	0.000	0.000	0.000	0.000	0.000
Price before 2% amendment limitation or rounding	4.688	4.648	4.871	4.909	4.946	4.974
Amendments: Carry forward (from previous RP month)	-0.003	-0.002	-0.002	-0.004	-0.001	-0.004
Prior Period Amendment Adjustment (current RP month)	-0.110	-0.117	-0.052	-0.017	-0.016	-0.009
Calculated RP after Amendments	4.575	4.529	4.817	4.888	4.929	4.961
NOVEMBER 2003 Reference Price	4.60	4.56	4.82	4.89	4.93	4.96
Difference = value carried forward to next RP month	-0.025	-0.031	-0.003	-0.002	-0.001	0.001
Adjusted IATD (before Prior Period Amendments)	n/a	0.283	0.162	0.114	0.088	0.067
Prior period Amendments (IATD and Pipeline Fuel Loss)	n/a	0.000	0.000	0.000	0.000	0.000
Adjusted IATD (after Prior Period Amendments)	n/a	0.283	0.162	0.114	0.088	0.067

Weighted Average Reference Price (\$/GJ)
3.687

Weighted Average OMAC (\$/GJ)
0.018

2003 NATURAL GAS LIQUIDS PRICES

MONTH	Ethane Reference Price (\$/GJ)	Ethane Par Price (\$/GJ)	Propane Reference Price (\$/m3)	Propane Par Price (\$/GJ)	Propane Floor Price (\$/m3)	Butanes Reference Price (\$/m3)	Butanes Par Price (\$/GJ)	Butanes Floor Price (\$/m3)	Pentanes plus Reference Price (\$/m3)	Pentanes plus Par Price (\$/m3)	Sulphur Default Price (\$ per tonne)
JAN	6.12	5.14	214.79	5.36	169.20	276.56	5.43	223.25	317.99	281.72	26.60
FEB	7.23	6.12	263.88	6.11	220.11	284.24	6.14	215.88	339.40	309.39	26.43
MAR	8.96	7.23	237.11	7.35	199.55	267.78	7.36	200.52	327.17	336.01	30.31
APR	6.25	8.96	194.86	8.71	149.60	200.92	8.81	149.88	282.96	309.82	34.70
MAY	6.09	6.25	178.89	6.43	153.53	186.68	6.48	156.47	262.58	272.24	42.57
JUN	6.31	6.09	192.36	6.27	164.11	194.03	6.32	160.82	274.61	249.37	38.69
JUL	5.84	6.31	190.04	6.48	165.96	190.66	6.51	166.10	277.36	262.40	32.59
AUG	5.33	5.84	203.50	5.95	181.90	205.16	5.99	177.80	282.75	268.89	28.75
SEPT	5.38	5.33	194.59	5.41	165.78	210.24	5.45	163.14	237.58	269.67	33.66
OCT	5.05	5.38	204.37	5.43	178.56	226.09	5.48	180.70	250.26	234.96	28.31
NOV	4.82	5.05	177.82	5.08	155.23	236.65	5.12	182.60	269.72	239.96	27.71
DEC											

ANNUAL SULPHUR DEFAULT PRICE				
1998	1999	2000	2001	2002
\$6.01	\$10.54	\$11.03	\$0.28	\$6.74

**2003
NGL TRANSPORTATION ALLOWANCE AND DEDUCTIONS**

MONTH	PENTANES PLUS (a)				PROPANE AND BUTANES (b)				PENTANES PLUS, PROPANE & BUTANE (c)				FRAC. ALLOW. (per m3)
	REGION				REGION				REGION				
	1	2	3	4	1	2	3	4	1	2	3	4	
JAN	8.04	8.14	17.04	2.24	6.42	0.10	1.96	5.66	12.73	19.09	23.37	15.47	8.75
FEB	3.23	1.73	6.02	7.00	4.96	-1.96	-6.38	15.99	10.87	18.17	21.37	22.17	8.75
MAR	15.49	19.97	16.69	18.55	3.26	-4.95	9.54	13.77	15.72	16.57	23.53	12.09	8.75
APR	8.31	9.82	15.24	14.50	14.63	14.12	14.52*	20.18	26.04	27.40	35.62	23.76	8.75
MAY	12.15	11.92	19.16	13.39	3.44	0.02	2.49*	8.28	13.83	17.54	24.82	12.56	8.75
JUN	13.08	7.75	16.45	13.56	3.71	1.47	3.06*	6.80	15.33	20.03	25.63	13.85	8.75
JUL	7.78	4.73	11.83	12.89	1.09	4.68	2.35*	9.18	16.87	19.68	25.02	15.30	8.75
AUG	11.51	14.28	15.67	15.34	4.97	4.70	4.92*	9.59	13.43	7.34	9.69	11.49	8.75
SEPT	9.47	-22.34	16.13	15.00	-1.67	1.84	32.45*	6.41	14.18	17.36	27.22	12.82	8.75
OCT	9.08	10.13	12.88	13.05	4.54	2.23	3.90*	10.27	16.92	16.35	22.80	15.84	8.75
NOV	12.65	12.08	20.30	10.27	4.93	0.82	3.69*	0.86	16.14	18.36	26.73	15.85	8.75
DEC													

- (a) Pentanes Plus obtained as a specification gas product,
- (b) Propane and Butanes obtained as specification products, and
- (c) Pentanes Plus, Propane and Butane contained in a natural gas liquids mix.

* Current month calculated allowance is based on an estimate.

Note: For details on “Prior Period Amendment Effects”, see Attachment 2A.

PRIOR PERIOD AMENDMENT EFFECTS												
NGL REFERENCE PRICES		NOVEMBER 2003										
	<i>Propane</i>	<i>Butanes</i>	<i>Pentanes</i>									
Price before amendments	177.667624	236.654016	269.719241									
Opening Rollover (from prior business mth)	-0.004340	-0.001951	0.002323									
Prior Period Amendment Adj. (NGL-1)	0.000000	0.000000	0.000000									
Prior Period Amendment Adj. (NGL-100)	0.153011	0.000000	0.000000									
Published Reference Price	177.82	236.65	269.72									
TRANSPORTATION ALLOWANCES		NOVEMBER 2003										
	Pentanes Plus				Propane and Butanes				Pentanes Plus, Propane & Butane			
AMENDMENTS	Region 1	Region 2	Region 3	Region 4	Region 1	Region 2	Region 3	Region 4	Region 1	Region 2	Region 3	Region 4
Opening Rollover (from prior business mth)	0.002923	-0.001602	0.002118	-0.002153	-0.001889	-0.003813	0.002441	0.002001	-0.003546	0.003575	-0.001597	-0.002843
Prior Period Amendment Adj. (NGL1)	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Prior Period Amendment Adj. (NGL-100)	0.000000	0.000000	0.000000	0.000000	-0.003034	0.081420	0.022527	0.088526	0.064696	0.059260	0.058476	0.153074
Total Amendment Effect	0.002923	-0.001602	0.002118	-0.002153	-0.004923	0.077607	0.024968	0.090527	0.061150	0.062835	0.056879	0.150231
Calculated Transp. Differential	12.643201	12.082301	20.300761	10.271066	4.930472	0.741846	3.665707*	0.767882	16.080165	18.300698	26.675466	15.699483
Calculated Transp. Differential after Total Amendments	12.646124	12.080699	20.302879	10.268913	4.925549	0.819453	3.690675*	0.858409	16.141315	18.363533	26.732345	15.849714
Published Transportation Allowance	12.65	12.08	20.30	10.27	4.93	0.82	3.69*	0.86	16.14	18.36	26.73	15.85

Any estimates represented by () are calculated as the weighted average of the other regions for the same spec product transportation allowance, since the region is zero. The weightings are based on the previous year's production.

1. The Department will complete the review of reporting for Commercial Storage early in the year 2004. Amendments may have to be prepared following this review. The amendments must be completed in the Year 2004.
2. Facilities affected by 1999 volumetric filings.

AB GP 0001084	AB GP 0001695	AB GP 0001331	AB BT 0045713
AB BT 0050216	AB BT 0054967	AB BT 0059726	AB BT 0920030
AB BT 1060027	AB BT 3200090	AB BT 6360006	AB BT 8910026
AB GS 0002323	AB GS 0002326	AB GS 0002905	AB GS 0002985
AB GS 0003082	AB GS 0003135	AB GS 0003322	AB GS 0003497
AB GS 0003499	AB GS 0003767	AB GS 0004226	AB GS 0004257
AB GS 0004267	AB GS 0004532	AB GS 0004999	AB GS 0004752

3. 1999 Volumetric Discrepancies

AB BT 2690002	AB GP 0001129	AB GP 0001426	AB GS 0002485
AB BT 6010017	AB GP 0001133	AB GP 0001454	AB GS 0002562
AB GP 0001002	AB GP 0001138	AB GP 0001482	AB GS 0002612
AB GP 0001004	AB GP 0001144	AB GP 0001520	AB GS 0002783
AB GP 0001014	AB GP 0001158	AB GP 0001544	AB GS 0002813
AB GP 0001018	AB GP 0001161	AB GP 0001547	AB GS 0002821
AB GP 0001034	AB GP 0001164	AB GP 0001553	AB GS 0002952
AB GP 0001047	AB GP 0001169	AB GP 0001588	AB GS 0002995
AB GP 0001058	AB GP 0001173	AB GP 0001638	AB GS 0003151
AB GP 0001070	AB GP 0001191	AB GP 0001641	AB GS 0003640
AB GP 0001079	AB GP 0001192	AB GP 0001654	AB GS 0003919
AB GP 0001084	AB GP 0001196	AB GP 0001698	AB GS 0003973
AB GP 0001088	AB GP 0001231	AB GP 0001859	AB GS 0003981
AB GP 0001095	AB GP 0001267	AB GP 0001880	AB GS 0004153
AB GP 0001104	AB GP 0001357	AB GP 0001895	AB GS 0004156
AB GP 0001113	AB GP 0001373	AB GP 0001979	AB GS 0004267
AB GP 0001115	AB GP 0001394	AB GS 0002245	AB GS 0004383
AB GP 0001118	AB GP 0001414	AB GS 0002441	AB GS 0004581

4. Data Conversion Review

The Department has initiated an examination of the Crown royalty charges for the 1999 production year resulting from the data conversion that occurred in the September 2002 billing period invoice, to accommodate the Petroleum Registry of Alberta. The Gas Royalty Client Services staff will contact operators and owners of the affected streams to identify the potential corrections necessary to 1999 documents.

The identified streams under review are as follows:

AB WI 100012602725W400	AB WI 100073401019W400	AB WI 100143300823W400
AB WI 100012602725W402	AB WI 100080104801W400	AB WI 100143302827W400
AB WI 100012603920W403	AB WI 100081202626W400	AB WI 100143302926W402
AB WI 100012704608W400	AB WI 100081304104W502	AB WI 100143407802W600

AB WI 100013002724W400	AB WI 100083502901W500	AB WI 100152303811W400
AB WI 100020503728W400	AB WI 100090303920W400	AB WI 100153001320W403
AB WI 100021200822W400	AB WI 100093402019W403	AB WI 100153104417W403
AB WI 100021402012W400	AB WI 100100804709W400	AB WI 100160802109W400
AB WI 100021705724W402	AB WI 100100903521W400	AB WI 100160900822W400
AB WI 100022402517W400	AB WI 100101502528W400	AB WI 100161700822W400
AB WI 100023502219W400	AB WI 100102104709W400	AB WI 100162603609W402
AB WI 100030802623W402	AB WI 100102402113W400	AB WI 100163006107W400
AB WI 100032601807W400	AB WI 100111102725W400	AB WI 100163101715W400
AB WI 100040602416W402	AB WI 100111905624W400	AB WI 100163304510W402
AB WI 100041704508W400	AB WI 100112101817W400	AB WI 100163602626W400
AB WI 100042000922W400	AB WI 100112305407W400	AB WI 102042603703W500
AB WI 100042302902W500	AB WI 100113511205W602	AB WI 102043303719W400
AB WI 100042603609W400	AB WI 100120701920W400	AB WI 102061002718W400
AB WI 100050300721W400	AB WI 100120703012W400	AB WI 102061304710W400
AB WI 100053304118W400	AB WI 100122205811W400	AB WI 102061503303W500
AB WI 100053402223W400	AB WI 100130501116W400	AB WI 102080405226W402
AB WI 100053402828W400	AB WI 100130702617W402	AB WI 102110303928W400
AB WI 100061000822W402	AB WI 100130801706W402	AB WI 102123005225W400
AB WI 100061304328W402	AB WI 100131000923W400	AB WI 102140804925W400
AB WI 100061902926W400	AB WI 100132102027W400	AB WI 102162402019W402
AB WI 100061903817W400	AB WI 100140502717W400	AB WI 103012704008W400
AB WI 100062102516W400	AB WI 100140805414W400	AB WI 103140904424W400
AB WI 100062303703W500	AB WI 100141504028W402	AB WI 103160504304W500
AB WI 100062502416W400	AB WI 100141802322W400	AB WI 103160804123W400
AB WI 100062802322W400	AB WI 100141904203W502	AB WI 103161704024W400
AB WI 100070204310W500	AB WI 100142604015W400	AB WI 104062602108W400
AB WI 100072104424W402	AB WI 100143104826W400	AB WI 104102504113W402

5. 1999 AC5 Filings

Client ID	Client Name
0M9P	TH Gorkoff Investments Ltd.
0KL8	Locke Asset Management Ltd.
0PH4	River Valley Energy Services Ltd.
0KN2	Capco Resources Ltd.
0RY8	Softrock Minerals Ltd.

Location of Change Details of Change as of December 2003

Title Page	Removed the words: "Guidelines" and "Department of Energy"
Table of Contents	Updated page references and inserted new sections (Ch II, Sec 1.13.3; Ch IV, Sec 5.1.1); Ch III & IV Header underlined; Updated Appendix Title for Appendix D & E
Chapter II, Section 1 Sec 1.11.3, Pg 13 Sec 1.16, Pg 19 Sec 1.13.3, Pg 16 Sec 1.14.2, Pg 18	Alberta's Royalty Share of Gas and Gas Products Added Regulation Reference A.R. 220/2002 Sch. 7(2) Added Regulation Reference A.R. 220/2002 S.17 (4) Inserted section for Butanes Vintage Added Regulation Reference A.R. 220/2002 Sch. 7 - S.(3)
Chapter II, Section 3 Sec 3.5.4, Pg 8	Valuation Added Regulation Reference A.R. 220/2002 Sch.- S. 5
Chapter II, Section 5 Sec 5.1, Pg 1	Other Programs Administered with Natural Gas Royalty Added Regulation Reference for Petroleum Regulation A.R. 248/90
Chapter II, Section 6 Sec 6.4, Pg 2 Sec 6.5, Pg 5	Levying and Collecting Natural Gas Royalty Updated Regulation Reference: s/b S.21(3) not 21(3)(a) Updated Regulation Reference: s/b S.31 (4)(b)
Chapter II, Section 7 Sec 7.5, Pg 4	Enforcing Compliance with Legislation and Policy Removed: "A Pro Forma copy of this letter can be found in Appendix P".
Chapter II, Section 9 Sec 9.2.3, Pg 4	Advance Rulings and Appeals Updated "Notice of Appeal" contact information
Chapter II, Section 10 Sec 10.1.3, Pg 2	Amalgamations and Consolidations Updated guideline Reference, Ch IV Sec 4.3 to 4.1 and Sec 4.4 to 4.2
Chapter III, Section 1 Sec 1.3, Pg 3 Sec 1.4, Pg 7 Sec 1.7, Pg 10	Valuing Raw Gas and Residue Gas (Pricing Calculation) Updated Regulation Reference s/b S.33 not 27 Updated Regulation Reference, s/b S.6 (2)(3)(4)(5)(6)(7) not (1) Added Guideline Reference.Ch II Sec 3.4
Chapter III, Section 2 Sec 2.4.1, Pg 4 Sec 2.4.2, Pg 6 Sec 2.4.3, Pg 7 Sec 2.5.1, Pg 7 Sec 2.5.2, Pg 9	Valuing Gas Products Added Regulation Reference A.R. 220/2002 S.6 (9)(a) Updated Regulation Reference s/b S.6 (9)(b) not Sch 5 (2)(2)(b) Added Regulation Reference A.R. 220/2002 S.6, (9)(c) Updated Guideline Reference, Ch IV Sec 4.2 not 4.4 Updated Regulation Reference s/b Sch 6 - S 4(5)
Chapter III, Section 3 Sec 3.3.1, Pg 5 Sec 3.5, Pgs 6, 8 Sec 3.6, Pg 10 Sec 3.8, Pg 11 Sec 3.9, Pg 11 Sec 3.12.1, Pg 14 Sec 3.16.2, Pg 22 Sec 3.16.2, Pg 23	Alberta's Royalty Share of Cost Allowances Updated Guideline Reference Ch IV 5.4 not 5.5 Updated Guideline Reference, Ch IV Sec 5.2 not 5.3, Refer to Appendix P inserted Updated Guideline Reference, Ch IV, Sec 5.2 not 5.3 Updated Guideline Reference, Ch IV, Sec 5.3 not 5.4 Added the words "Refer to the ..." and removed "A" (re list of Designated Facilities) Updated Guideline Reference, Ch III, Sec 2.6 not 2.5 Updated Guideline Reference, Ch IV, Sec 5.5 not 5.7 Updated Guideline Reference, Ch III, Sec 3.18 not 3.17
Chapter III, Section 4 Sec 4.1, Pg 1 Sec 4.2.1, Pg 2	Other Programs Administered with Natural Gas Royalty Updated Guideline References, Ch III, Sec 2.3.2 not 2.2 and 2.4.1 not 2.3.1 Added Guideline Reference, Ch IV, Sec 6.1

Location of Change Details of Change as of December 2003

<p>Chapter III, Section 5 Sec 5.2, Pg 4</p>	<p>Special Provisions for Transition from Pre-1994 Added Guideline Reference, Ch IV, Sec 6.4.</p>
<p>Chapter III, Section 6</p> <p>Sec 6.1, Pg 1 Sec 6.1.1, Pg 2 Sec 6.3.1, Pg 4</p> <p>Sec 6.6.3.1, Pg 12</p> <p>Sec 6.6.3.6, Pg 14</p> <p>Sec 6.6.1, Pg 15</p> <p>Sec 6.6.6.1, Pg 16</p> <p>Sec 6.6.6.2, Pg 17</p> <p>Sec 6.6.8, Pg 18</p> <p>Sec 6.6.8.1, Pg 19</p>	<p>Exemptions, Waivers and Other Royalty Reductions</p> <p>Add words: "Royalty Exemption" in third bullet in front of "Statement"; Add Guideline Reference Ch III, Sec 7.6.2 and update Guideline Reference: Section 6.1.1 from 20.2.1 Include calculation table for the Gross up factor and descriptive wording. Updated Guideline Reference, Ch IV, Sec 2.3 not 2.4 Updated Section Reference (for the EECPP writeup taken from IL 2001-34) change references to reflect the Guidelines sections rather than the IL sections. Updated Section Reference (for the EECPP writeup taken from IL 2001-34) change references to reflect the Guidelines sections rather than the IL sections. Updated Section Reference (for the EECPP writeup taken from IL 2001-34) change references to reflect the Guidelines sections rather than the IL sections. Updated Section Reference (for the EECPP writeup taken from IL 2001-34) change references to reflect the Guidelines sections rather than the IL sections. Updated Section Reference (for the EECPP writeup taken from IL 2001-34) change references to reflect the Guidelines sections rather than the IL sections. Updated Section Reference (for the EECPP writeup taken from IL 2001-34) change references to reflect the Guidelines sections rather than the IL sections. Updated Section Reference (for the EECPP writeup taken from IL 2001-34) change references to reflect the Guidelines sections rather than the IL sections. Updated Section Reference (for the EECPP writeup taken from IL 2001-34) change references to reflect the Guidelines sections rather than the IL sections.</p>
<p>Chapter III, Section 7</p> <p>Sec 7.4, Pg 9 Sec 7.5.1, Pg 26 Sec 7.5.1, Pg 27 Sec 7.5.1.1, Pg 30 Sec 7.5.1.3, Pg 32</p> <p>Sec 7.6, Pg 40-42 Sec 7.6.2, Pg 45 Sec 7.7, Pg 47 Sec 7.7.1, Pg 50 Sec 7.7.2, Pg 53 Sec 7.7.3, Pg 56 Sec 7.7.4, Pg 59 Sec 7.7.5, Pg 65 Sec 7.7.6, Pg 68</p>	<p>Levying and Collecting Natural Gas Royalty</p> <p>Updated Guideline References in table. Updated Guideline References in bullets: 3.5, 3.6.3, 3.7, 3.9 Added Guideline Reference to bullet 3.10 (Refer to Ch III, Sec 1.7) Updated Guideline Reference Ch III, Sec 8.6 not 8.7 and corrected Section name. Updated Guideline Reference Ch III, Sec 8.6 not 8.7 and corrected Section name. Updated Guideline References, Ch. II, Sec 1.10.5 and 1.11.6 not 1.9.6 and add Ch III Sec 6. Updated Guideline Reference, Ch II, Sec 2.1.1 not Sec 2 Updated Guideline Reference, Ch III, Sec 3.4 not Ch II, Sec 6 Updated Guideline Reference, Ch III, Sec 3.7, 3.11, 5.1 and 6.4 not Ch II Sec 6 Updated Guideline Reference, Ch II, Sec 4.1 & Ch III Sec 3.2.1, 3.16 not Ch II, Sec 6 Updated Guideline Reference, Ch III, Sec 5.1 and 6.4 not Ch II Sec 6 Updated Guideline Reference, Ch III, Sec 3.17 not Ch II, Sec 6 Updated Guideline Reference, Ch III, Sec 3.2.1 not Ch II Sec 6 Updated Guideline Reference, Ch II, Sec 4.2 not Ch II, Sec 6</p>
<p>Chapter III, Section 8 Sec 8, Pg 5 & 8</p>	<p>Enforcing Compliance with Legislation and Policy Updated AC report names AC2-V2 and AC5-V2</p>
<p>Chapter IV, Section 1</p> <p>Sec 1.1, Pg 1 Sec 1.2, Pg 2</p> <p>Sec 1.5.1, Pg 5 Sec 1.5.5, Pg 6</p>	<p>Reporting Overview</p> <p>Updated Commercial Storage Report Names (replaced # with No.) Updated page references Inserted Regulation standards not previously included regarding ISC; change Butane to Butanes Updated Guideline Reference, Ch II, Sec 7.5 not 7.6</p>

Location of Change Details of Change as of December 2003

<p>Chapter IV, Section 3 Sec 3.1, Pg 4 Sec 3.3, Pg 10</p>	<p>Valuing Raw Gas, Residue Gas and Ethane (Valuation Methodology) Updated version of the VA1 Clarification of GR2 penalty for non-compliance</p>
<p>Chapter IV, Section 4 Sec 4.1, Pg 1 Sec 4.2, Pg 5</p>	<p>Valuing Gas Products Updated Guideline Reference, Ch III, Sec 2.5 not 2.4 Updated Guideline Reference, Ch II, Sec 3.5.4 and Ch III, Sec 2.5 and 2.5.1</p>
<p>Chapter IV, Section 5 Sec 5.1, Pg 3 Sec 5.1, Pg 3 Sec 5.1.1, Pg 8 - 12 Sec 5.2, Pg 14 Sec 5.2, Pg 15 Sec 5.2, Pg 20 Sec 5.3, Pg 24 Sec 5.4, Pg 28 Sec 5.4, Pg 28 Sec 5.4, Pg 29 & 30 Sec 5.5, Pg 32</p>	<p>Alberta's Royalty Share of Allowable Costs Bullet 2.3, inserted the word "as" before "assigned...." Bullet 2.5, added "Refer to Appendix P" Entire Section inserted: Changing a FCC's Remaining Useful Life Added Guideline Reference.Ch II Sec 7.3 Bullet 1.2, inserted the word "as: before "assigned..." Bullet 5.4; Updated Guideline Reference: Ch III, Sec 3.12.1 not 16.13.1 Bullet 1.2, inserted the word "as: before "assigned..." and removed "the numeric code assigned to the Facility Cost Centre" Insterted Guideline Reference, Ch III, Sec 7.3 Bullet 1.2, inserted the word "as" before "assigned....." Part 2; Updated Bullet Numbering Updated Guideline Reference, Ch III, Sec 3.16.1 not 3.17.1; Added Ch II, Sec 7.3 to Non-compliance paragraph.</p>
<p>Chapter IV, Section 6 Sec 6.1, Pg 1 Sec 6.1, Pg 3 Sec 6.2, Pg 5 Sec 6.2, Pg 6 Sec 6.3, Pg 8 Sec 6.3, Pg 11 Sec 6.4, Pg 14 Sec 6.4, Pg 15 & 16</p>	<p>Other Royalty Reporting Inserted wording with reference to the Business Rules in Ch III, Sec 4.2 Reworded: "Form is provided for illustration purposes only" Updated Guideline References, Ch III, Sec 6.2 not 6.3 Reworded: "Form is provided for illustration purposes only" Inserted wording with reference to the Business Rules in Ch III, Sec 6.5 Inserted: "Form is provided for illustration purposes only. All required forms are provided in Appendix P" Inserted wording with reference to the Business Rules in Ch III, Sec 5.2 and Ch II Sec 2.3.2 Inserted updated versions of the Commercial Storage Reporting Forms 1 and 2</p>
<p>Appendix E Pgs 1-9</p>	<p>Calculation of Royalty Trigger Factors, Meter Station Factors, Propane and Butane Floor Prices Updated as per Bill Zanewick; formatting changes and table updates</p>
<p>Appendix F Pg 1</p>	<p>NGL Transportation Regions Updated Guideline References, Ch III, Sec 2.4.1 not 2.3.1</p>
<p>Appendix I Separator Page Pgs 1-7</p>	<p>Operating Cost Centres – Unit Operating Cost Rates Updated the header from "Operation" to "Operating Cost Centres" Updated the header from "Operation" to "Operating Cost Centres"</p>
<p>Appendix N Pgs 5,7-8 & 11</p>	<p>Glossary and Definitions Added definitions from Ch IV, Section 5.1.1 regarding RUL; Corrected reference from AEC Suffield to Altagas Suffield'</p>