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CONTENTS This instruction describes the procedures for reviewing Tihama Power Cogeneration invoices and monthly accrual requirements. This instruction includes:

- 1. Glossary
- 2. Background & Purpose
- 3. Scope
- 4. Company Policies & Other Publications
- 5. Responsibilities
- 6. SSFDM Application Overview
- 7. Commercial Operation Dates
- 8. Charge Calculation Reports
- 9. Importing and Verifying Monthly Operations Data
- 10. Power & Steam Shared Data Elements
- 11. Approving Power Charges
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- 13. Invoice Coding and Approvals
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Appendix A – Linkage Worksheet

Appendix B – Power and Steam Shared CCR Reports

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1. GLOSSARY

1.1. Abbreviations & Acronyms:

ΑI	Accounting Instruction
BOOT	Build, Own, Operate & Transfer
CCR	Charge Calculation Reports
COD	Commercial Operation Date
COGEN	Cogeneration Plants built and operated by Tihama Power
ECA	Energy Conversion Agreement
GI	General Instruction
IT	Information Technology Department
PDD	Power Distribution Department
PΙ	Tihama Power Plant Information System
SES	Service Entry Sheet
SSFDM	Settlement System & Fuel Demand Application
TPGC	Tihama Power Generation Company Ltd.

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1.2. Definitions of Words and Phrases:

Host Plant – Uthmaniyah Gas Plant, Shedgum Gas Plant, and Juaymah NGL Fractination, or Ras Tanura Refinery

Cogen Plant – Uthmaniyah, Shedgum, Juaymah, or Ras Tanura Cogen Plants

2. BACKGROUND & PURPOSE

Saudi Aramco and TPGC executed four (4) long-term ECAs in December 2003 whereby TPGC would construct and operate gas turbine Power and Steam Cogen Plants at the Company's Host Plants.

The ECAs incorporate a BOOT (build, own, operate and transfer) model spanning 20 years. As specified by the agreements, TPGC will issue individual monthly invoices for Power and Steam services for each location. The total ECA value is estimated to exceed \$2.4 billion.

This instruction was created in response to the complexity of the TPGC billing process notably ECA Appendix K, Calculation of Payment, which utilizes a large number of data elements, formulas and related provisions.

3. SCOPE

- 3.1. Invoice review and approval process including:
 - Managing the SSFDM application,
 - · Importing and verifying monthly operations data,
 - · Verifying Power and Steam charges,
 - Invoice review, coding and SES requirements,
 - Partial month invoices.
- 3.2. Monthly Power and Steam invoice accruals.

4. COMPANY POLICIES & OTHER PUBLICATIONS

- 4.1. References to Company Policies:
 - Al 707: Payments to Contractors and Vendors
 - Al 810: Purchased Electric Power
 - GI 230.035: Invoice Accrual Procedures
 - GI 287.002-1: Tihama Power Prior Period Adjustments, Late Payment Fees and Disputed Payments

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- 4.2. References to Other Publications and Documents:
 - Energy Conversion Agreements dated December 20, 2003
 - Excel Settlement System & Fuel Demand Model (SSFDM) User Guide
 - Tihama Power Generation Co. Ltd, Settlement System, Agreed Procedures
 - Power Distribution Department White Paper: Administration & Management of 3rd Party Cogeneration Plants (UGP, SGP, JNGLF, RTR), dated: February 13, 2006

5. RESPONSIBILITIES

For the avoidance of doubt, the following summarizes the responsibilities identified in the above referenced publications and incorporated herein.

- 5.1. PDD is the overall Contract Administrator for the ECAs and is the main Proponent for TPGC.
- 5.2. Host Plants are the Proponents for validating and approving monthly operational data as presented on the Linkage worksheet.
- 5.3. PDD is the Proponent to verify Power-related invoices.
- 5.4. Host Plants are the Proponents for Steam-related invoices and payments and ensuring timely processing and payment of Power-related invoices.

6. SSFDM APPLICATION OVERVIEW

The Excel-based SSFDM application was developed by TPGC in cooperation with Saudi Aramco to support the invoice verification process. The application is a single Excel workbook that imports and validates data; performs required calculations; and produces reports. All required data is imported into the application via a monthly text file upload process. Source data is extracted from the PI. As part of the monthly invoicing process, TPGC provides copies of monthly PI reports, which are subsequently compared to reports produced by the SSDFM application. Please note the SSFDM model is designed to process data for a single month. Accordingly, files for individual months must be retained for reference and audit purposes.

As the SSFDM application is an integral component of the invoice review process, control over the model must be maintained at all times. Modifications and/or updates to the application shall be coordinated through PDD. SSFDM application modifications must be thoroughly reviewed and tested by relevant subject matter experts including, but not limited to, IT, Finance, Host Plants and PDD. The SSFDM application is password protected to prevent unauthorized modification.

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The SSFDM User Guide provides an overview of the application and documentation of all calculations utilized in the billing process.

7. COMMERCIAL OPERATION DATES

Several economic data elements including the <u>Saudi Consumer Price Index</u> and <u>US Producer Price Index</u> are utilized in SSFDM application. Indices are adjusted annually based on plant Commercial Operation Dates (COD) outlined below. Due to publication delays, annual updates may be delayed for several months impacting previously invoiced months. GI 287.002-1, Tihama Power Prior Period Adjustments, Late Payment Fees and Disputed Payments, provides guidelines for handling prior month invoice adjustments.

Cogen Plant	Commercial Operation Date
Uthmaniyah	March
Shedgum	June
Ras Tanura	September
Juaymah	December

8. CHARGE CALCULATION REPORTS

The SSFDM application includes approximately (40) worksheets containing various operational and finance-related schedules. The following table identifies financial schedules supporting TPGC's monthly invoices collectively indentified as the Charge Calculation Reports (CCR). Reports supporting Power and/or Steam related charges are identified by an "X" in the designated columns below.

Worksheet	Description	Power	Steam
Summary	Summary of Power and Steam Charges	Χ	Х
CPP	Capacity Payment for Power	Χ	
OPP	Output Payment for Power	Χ	
CPS	Capacity Payment for Steam		Χ
FAC	Feedwater Adjustment		Χ
SUP	Start-up Costs	Χ	
ER	Exchange Rates	Χ	Χ
IP	Input Parameters	Χ	Χ
ADO	Adjustments and Overrules	Χ	Χ
Invoice Power	Pro Forma Invoice	Χ	
Invoice Steam	Pro Forma Invoice		Χ
SM	Schedule Maintenance	Χ	Χ
A-1	Table A-1, Contracted Power Capacity	Χ	
A3-1	Table3-1, Projected Availability of Net Power Output	Χ	
A5-1	Table A5-1, Payment Deduction Factor for Power	Χ	
B-1	Table B-1, Contracted Steam Capacity		Χ
B3-1	Table B3-1, Projected Availability of Net Steam Output		Χ
B5-1	Payment Deduction Factor for Steam		Χ
Linkage	Linkage and Deemed Availability Calculation	Χ	Χ
Setup	Contract year control schedule	Х	Х

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9. IMPORTING AND VERIFYING MONTHLY OPERATIONS DATA

The invoice review and approval process is dependent upon successfully importing data into the SSFDM Application and verifying monthly operations data. TPGC Settlement System, Agreed Procedure #10, Monthly Billing, outlines the data upload process and related activities. The following key controls are identified with this activity:

- 9.1. Ensure the data import process is successfully completed as outlined in the SSFDM User Guide, Section 1.6. Verify the Control worksheet in the SSFDM application reflects the correct <u>site</u>, <u>billing month</u> and <u>COD</u>.
- 9.2. Review and approve the monthly operations data presented on the Linkage worksheet. Appendix A provides an example of an approved Linkage worksheet. This action is completed by the Host Plants and is necessary to ensure the accuracy of both Power and Steam invoices.
- 9.3. Verify monthly SSFDM CCR reports agree to PI CCR reports provided by TPGC. Small differences (+/- \$500) may occur due to rounding and are acceptable.

In the event errors are encountered, PDD should be contacted to coordinate required corrective actions with TPGC.

Retain documentation of the review process for reference and audit purposes.

10. POWER & STEAM SHARED DATA ELEMENTS

Power <u>and</u> Steam invoice calculations utilize data included on the CCR schedules identified below. In order to ensure the accuracy of TPGC invoices, the following procedures should be performed. Retain documentation of the review process for reference and audit purposes.

Detailed descriptions of all schedules can be found in the SSFDM User Manual. Report samples and accompanying notes are provided at Appendix B.

As discussed above, the Linkage worksheet must be reviewed and approved by the Host Plants prior to completing the following procedures.

- 10.1. ADO, Adjustments and Overrules, Schedule As indicated in the notes section on the schedule, perform the following steps:
 - Verify amounts agree to values presented on the approved Linkage worksheet.
 - Please note meter reading values are populated by the input process but do not impact the monthly invoice calculations. No actions are required.

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- 10.2. IP, Input Parameters, Schedule perform the following steps:
 - Review the Top Section of the report containing <u>location</u>, <u>billing period</u>, <u>invoice</u>
 <u>date</u> and <u>operating year</u>; ensure contents represent expected values, or blank for
 invoice date.
 - Middle Section, items 1 13:
 - Items 1 2, Ensure the Saudi Riyal / Dollar exchange rates reflect <u>0.26667</u>, unless otherwise instructed by PDD and approved by Finance and Tihama.
 - Items 3 6, Verify Price Indices agree to the prior month, ECA contract schedules, or as subsequently agreed between Saudi Aramco and TPGC. If updates are noted, verify new values as per the instructions provided in the TPGC Settlement System, Agreed Procedure #10, Monthly Billing. Price indices are updated annually based upon COD values as discussed in Section 6, above.
 - Items 7 8A, Vouch Start Values to the Linkage worksheet.
 - Items 9 13, Review for reasonableness utilizing prior month IP schedules as a baseline. Investigate significant deviations.
 - Items 14 23, Bottom Section, agree to prior month, ECA contract schedules, or as subsequently agreed between Saudi Aramco and TPGC. Investigate any deviations.
- 10.3. SM, Scheduled Maintenance, Schedule perform the following steps:
 - Monthly values in the body of the schedule are derived by formulas with the
 exception of the monthly Planned Unavailability values, <u>LCPpm^P</u> and <u>LCSpm^P</u>,
 which originate from the upload file. For the current month, agree the Planned
 Unavailability Value to the current year Scheduled Maintenance program as defined
 by TPGC Settlement System, Agreed Procedure #5, Scheduled Maintenance.
 - Contract Year Values, <u>LCPpn^P</u> and <u>LCSpn^P</u>, are populated based upon values presented on Tables A3-1_and B3-1 for Power and Steam, respectively. Review the schedules for completeness and accuracy. Agree amounts to the prior month, ECA contract schedules, or as subsequently agreed between Saudi Aramco and TPGC.
 - Verify amounts identified as "Values Used for Billing Month" in the Planned Unavailability Columns, <u>LCPpm^P</u> and <u>LCSpm^P</u>, and ensure they do not exceed the contract values identified in the above bullet.

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- 10.4. ER, Exchange Rates, Schedule Verify exchange rates are equal to <u>0.26667</u> unless otherwise communicated by PDD.
- 10.5. Setup Schedule Ensure the schedule reflects "NO" in the column entitled "Transfer to Reserve" for contract years 1 18.

11. APPROVING POWER CHARGES

Power calculations utilize data contained on the following CCR schedules. In order to ensure the accuracy of TPGC invoices, the following procedures should be performed. Detailed schedule descriptions are provided in the SSFDM User Manual. Appendix C provides examples and additional notes. Retain documentation of the review process for reference and audit purposes.

To facilitate the review process, an Invoice Review Checklist for Power Services is provided at Appendix G.

Ensure the Linkage and Power & Steam shared data worksheets are reviewed and approved by Host Plants prior to completing the following procedures.

- 11.1. CPP, Capacity Payment for Power, Schedule perform the following steps:
 - Review the calculations supporting the following values for accuracy and completeness;
 - Fixed Capital Component of Capacity Payment for Power, and
 - Fixed O&M Component of Capacity Payment for Power.
 - Agree amounts to supporting schedules (ADO, IP, SM and Tables A-1 and A3-1) as indicated in the notes section.
 - The "Deduction for Reduced Power Availability" should be reviewed to ensure the appropriate Payment Deduction Factor for Power is calculated by the model as outlined in the notes section.
 - Compare data to the PI CPP report and verify no material differences exist. Minor rounding differences may occur and are acceptable. ECA Appendix K, page K-3, discusses the impact of rounding to five decimal places and the likelihood of minor discrepancies between the SSFDM application and PI system reports.

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- 11.2. OPP, Output Payment for Power, Schedule perform the following steps:
 - Review the calculations supporting the following values for accuracy and completeness;
 - Fuel Adjustment Component, and
 - Variable O&M Component of Output Payment for Power.
 - Agree amounts to supporting schedules (ADO, IP) as indicated in the notes section.
 - Compare data to the PI CPP report and verify no material differences exist. Minor rounding differences may occur and are acceptable. ECA Appendix K, page K-3, discusses the impact of rounding to five decimal places and the likelihood of minor discrepancies between the SSFDM application and PI system reports.
- 11.3. SUP, Start-up Cost, Schedule perform the following steps:
 - Review the Start-up Payment calculations for accuracy and completeness. Verify chargeable start counts based on methodology outlined in the notes section.
 - Agree amounts to supporting IP schedule as indicated in the notes section.
 - Compare Start-up values to the PI CPP report. Values should agree. Contact TPGC to resolve any exceptions.
- 11.4. Supporting Tables A-1, A3-1 and A-5 should be reviewed against ECA Appendix K schedules, or as agreed between Saudi Aramco and TPGC, on not less than an annual basis.

12. APPROVING STEAM CHARGES

Steam invoice calculations utilize data contained on the following CCR schedules. In order to ensure the accuracy of TPGC invoices, the following procedures should be performed. Detailed schedule descriptions can be found in the SSFDM User Manual. See Appendix D for examples and additional notes. Retain documentation of the review process for reference and audit purposes.

To facilitate the review process, an Invoice Review Checklist for Steam Services is provided at Appendix H.

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Ensure the Linkage and Power & Steam shared data worksheets are reviewed and approved prior to completing the following procedures as discussed in sections 9 and 10, above.

- 12.1. CPC, Contracted Power Capacity, Schedule perform the following steps:
 - Review the calculations supporting the following values for accuracy and completeness;
 - Fixed Capital Component of Steam Capacity Payment,
 - Fixed O&M Component of Capacity Payment for Steam.
 - Agree amounts to supporting schedules (ADO, IP, SM and Tables B-1 and B3-1) as indicated in the notes section.
 - The "Deduction for Reduced Steam Availability (O&M)" should be reviewed to ensure the appropriate Payment Deduction Factor for Power is calculated by the model.
 - Compare data to PI CPP report and verify no material differences exist. Minor rounding differences may occur and are acceptable. ECA Appendix K, page K-3, discusses the impact of rounding to five decimal places and the likelihood of minor discrepancies between the SSFDM application and PI system reports.
- 12.2. FAC, Feedwater Adjustment, Schedule perform the following steps:
 - Review the Feedwater Adjustment Component calculations for accuracy and completeness.
 - Agree amounts to supporting schedule, ADO, as indicated in the notes section.
 - Compare Feedwater values to the PI CPP report. Values should agree. Contact TPGC to resolve any exceptions.
- 12.3. Supporting Tables B-1, B3-1 and B-5 should be reviewed against ECA Appendix K schedules, or as agreed between Saudi Aramco and TPGC, on not less than an annual basis.

13. INVOICE CODING AND APPROVALS

Power and Steam invoice calculations are aggregated on the Summary worksheet and presented on pro forma invoices in the SSFDM application. In order to ensure the accuracy of TPGC payments, the following procedures should be performed. Detailed schedule

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descriptions can be found in the SSFDM User Manual. See Appendix E for examples and additional notes. Retain documentation of the review process for reference and audit purposes.

- 13.1. Summary Schedule perform the following steps:
 - Review payment calculations (subtotals and totals) for accuracy and completeness.
 - Agree amounts to supporting schedules (CPP, OOP, CPS, FAC and SUP) as indicated in the notes section.
 - Review Ancillary Service fees for reasonableness. Investigate any material or unusual amounts.
 - Compare data to PI's Summary report and verify no material differences exist.
 Minor rounding differences may occur and are acceptable. ECA Appendix K, page K-3, discusses the impact of rounding to five decimal places and the likelihood of minor discrepancies between the SSFDM application and PI system reports.
 - Ensure values presented on the Invoice Power and Invoice Steam worksheets agree to the Summary values identified above.
 - For contract years 19 and 20, ensure the 5% Transfer Reserve Deduction is included on the monthly Power and Steam invoices in accordance with ECA Section 21.4, Transfer Reserve. <u>Note the Transfer Reserve Deduction is not included on the CCR reports</u>. The Transfer Reserve is only reflected on the pro forma invoice worksheets.
- 13.2. The following table provides an overview of Power and Steam invoice coding requirements as of January 1, 2010. Coding instructions for prior years may be found in Appendix F.

Cogen Plant	Cost Center	Account No.	Account Description
Power Charges Uthmaniyah Shedgum Ras Tanura Juaymah	213502 212502 381570 214842	7408201 7408201 7408201 7408201	Capital Leases – Power Only Capital Leases – Power Only Capital Leases – Power Only Capital Leases – Power Only
Steam Charges Uthmaniyah Shedgum Ras Tanura Juaymah	213502 212502 381570 214844	7408200 7408200 7408200 7408200	Capital Leases – Excludes Power

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- Auxiliary Power Payments and Ancillary Services (Potable & Utility Water)
 charges/credits should be charged to account 7408200. Due to system limitations
 and the immaterial nature of these amounts, additional accounts will not be
 utilized.
- <u>Transfer Reserve Deductions</u> (applicable to contract years 19 and 20 only) should be recorded to account 3003038, Unpaid Final Release Agreements. Please refer to AI 707, Payments to Contractors and Vendors, for additional instructions regarding the handling of contract retentions.
- 13.3. Power and Steam Proponents should ensure Service Entry Sheets (SES) are submitted by TPGC and approved in a timely manner as provided in AI 707, Payments to Contractors and Vendors. A provision for late payment fees is incorporated in ECA Section 10.3, Late Payments. Delayed payments should be avoided, if possible.

As noted above, minor rounding differences may occur between the SSDFM and PI CCR reports. For rounding differences less than \$500, invoices presented by TPGC should be approved for payment.

For rounding and other reconciling amounts exceeding \$500, where the issue cannot be resolved by importing a revised text data file or through discussions with PDD and TPGC, please see GI 287.002-1, Tihama Power Prior Period Adjustments, Late Payment Fees and Disputed Payments, for additional guidance and instructions.

- 13.4. If a partial month billing is required caution should be exercised as the SSFDM application is not designed to handle this situation. A review of individual calculations will likely be required.
- 13.5. In the event Prior Period Adjustments, Late Payment Fees, and/or Disputed Payments are encountered, please refer to GI 287.002-1, Tihama Power Prior Period Adjustments, Late Payment Fees and Disputed Payments.

14. MONTH-END POWER AND STEAM ACCRUALS

TPGC monthly invoices are generally provided in the month following delivery of services (i.e. June invoices are received and processed in the month of July.) In accordance with GI 230.035, Invoice Accrual Procedures, a monthly accrual is required for unbilled Power and Steam charges as they will exceed the \$100,000 unbilled cost threshold established by the company. Coding instructions provided above shall be used in the accrual process.

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Monthly accruals should reflect reasonable estimates taking into consideration the current operating environment and prior months charges, which can serve as the basis for preparing current month accruals.

Approved: Original Approved by R. A. KRYGSMAN

R. A. KRYGSMAN, Manager

Accounting Policies & Systems Department

JAK W/C #T893

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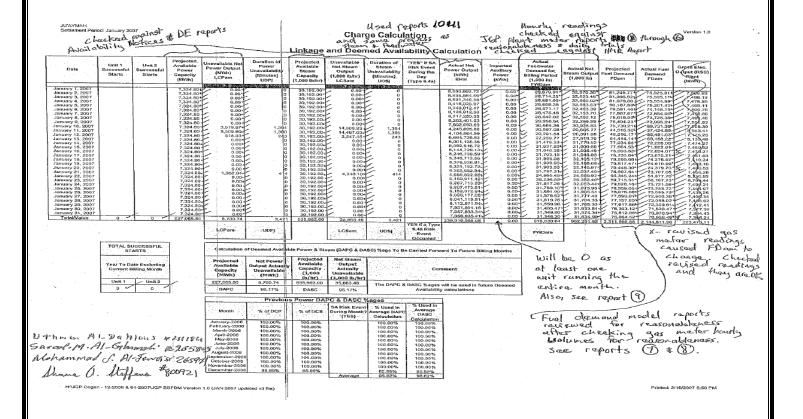
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APPENDIX A - LINKAGE WORKSHEET

ACCRUAL PROCESS

The following is an example of an approved Linkage worksheet containing monthly operations data used in the SSFDM application. Key attributes of the review process include:

- Reference to source reports
- Check marks (✓) verifying review of data points
- · Notes explaining any unusual values/circumstances
- Signature, badge number and date indicating review and approval of contents



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<u>APPENDIX B – POWER AND STEAM SHARED CCR REPORTS</u>

ADO Worksheet – Adjustment and Overrules Example

Adjustments and Overrules

BACK to CONTROL Sheet

Parameter No.	Description	ECA Definition	Adjust Value	Units	Notes
1	Actual Net Dependable Power Capacity		222,679	MWh	? Value derived from the Linkage sheet cell E35
2	Net Power Output Actually Unavailable	LCP _{am}	74,149	MWh	? Value derived from the Linkage sheet cell F35
3	Net Dependable Power Capacity (Reference Site Conditions)	DCP	299.30	MW	Value derived from the Variables sheet cell B19
4	Deemed Available Power Capacity To Date Informational Only		96.34%	%	? Value derived from Linkage sheet cell J57
5	Actual Net Power Output	E _{am}	128,560,750	kWh	? Value derived from Linkage sheet cell L35
6	Actual Net Power Output Metered For The Month (2 pm Reading)		210,900	kWh	Monthly Meter Reading - As measured at 2 pm on the last day of the Billing Month in accordance with section 11.2 of the ECA (Imported from Text file)
7	Total Length of Unavailability for Power Informational Only	UDP_{j}	458.07	Hours	? Value derived from the Linkage sheet cell G35 divided by 60
8	Actual Net Dependable Steam Capacity		898,968	1000 lb/hr	? Value derived from the Linkage sheet cell H35
9	Net Steam Output Actually Unavailable	LCS _{am}	297,208	1000 lb	? Value derived from the Linkage sheet cell I35
10	Net Dependable Steam Capacity (Reference Site Conditions)	DCS	1,208.29	1000 lb/hr	? Value derived from the Variables sheet cell B20
11	Deemed Available Steam Capacity To Date Informational Only		96.47%	%	? Value derived from Linkage sheet cell K57
12	Actual Net Steam Output	S_{am}	562,136	1000 lb	? Value derived from Linkage sheet cell O35
13	Actual Net Steam Output Metered for the Month (2 pm Reading)		0	1000 lb	Monthly Meter Reading - As measured at 2 pm on the last day of the Billing Month in accordance with section 11.2 of the ECA (Imported from Text file)
14	Total Length of Unavailability for Steam Informational Only	UDS_{j}	458.07	Hours	? Value derived from the Linkage sheet cell J35 divided by 60
15	Projected Fuel Demand	FD _{pm}	#NAME?	10 ⁶ BTU	? Value derived from the Linkage sheet cell P35
16	Actual Fuel Demand	FD _{am}	1,276,339	10 ⁶ BTU	? Value derived from the Linkage sheet cell Q35
17	Actual Feedwater Demand	FWD_{am}	549,726	1000 lb	? Value derived from the Linkage sheet cell N35
18	Auxiliary Power Metered for the Month		36,500	kWh	? Value derived from the Linkage sheet cell M35

Notes are provided on the worksheet to assist in validating data with source schedules.

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APPENDIX B - POWER AND STEAM SHARED CCR REPORTS (con't)

IP Worksheet – Input Parameter Example

INPUT PARAMETERS

BACK to CONTROL Sheet

Parameter No.	Description	ECA Definition	Value	Units	Notes
	Location		UTHMANIYAH		Value held in Variables sheet (Location name decoded from site ID in import file)
	Billing Period		May-2007		Value held in Variables sheet (Input by Import file)
	Invoice Date				
	Operating Year		2		Value held in Variables sheet (Input by Import file)
1	Saudi Riyal / Dollar Exchange Rate (Billing Period)	EXR _m	0.26667		? Value held in Exchange Rate Sheet ER Cell D35
2	Saudi Riyal / Dollar Exchange Rate (Reference Exchange Rate)	EXR_r	0.26667		? Fixed value (SAR 1 = \$0.26667 EXRr rounded to 5 dp) (SAR 3.750 = \$1)
3	Saudi Consumer Price Index (Billing Period)	SCI_{m}	104.2		Saudi Consumer Price Index as applicable for Billing Period m (Input by Import file)
4	Saudi Consumer Price Index (Reference January 1, 2003)	SCI_r	98.6		? Fixed value Reference Saudi Consumer Price Index on January 1, 2003
5	US Producer Price Index (Item 3511-1) for the Billing Period	$USPI_{m}$	170.2		? Input by Import file
6	US Producer Price Index (Item 3511-1) for January 1, 2003	USPI _r	153.5		? Fixed reference value of 173.0
7	Unit 1 - Number of Scheduled Successful Starts for this Contract Year		2		? Sum of Values held in Linkage Sheet Cells C35 & C41
7A	Unit 1 - Number of Scheduled Successful Starts for this Billing Period		0		? Value held in Linkage Sheet Cells C35
8	Unit 2 - Number of Scheduled Successful Starts this Contract Year		1		? Sum of Values held in Linkage Sheet Cells D35 & D41
8A	Unit 2 - Number of Scheduled Successful Starts for this Billing Period		0		? Value held in Linkage Sheet Cells D35
9	Auxiliary Power Payment Tariff		0.0098833	\$ / kWh	Auxiliary Pow er Tariff = (CCRPm+FOMRPm+VOMRm) / 100 NOTE - This does not cover SA Risk Event when Auxiliary Pow er is provided free of charge under the ECA Agreement
10	Ancillary Services - Potable Water		80,063.0	Gallons	Input by Import file
11	Ancillary Services - Utility Water		54,262.0	Gallons	Input by Import file
12	Non-Conforming Gas & Feedwater Payment			\$	
13	Measuring Tolerance Fuel Demand	MTFD	1.00000%	%	7 MTFD = ± 1.0 %
14	Capital Cost Recovery Charge Rate (Power)	CCRP	0.70415	US Cents/kWh	Fixed value of 0.69255 US Cents/kWh
15	Local Portion of CCRP	Y_{CCRP}	0.00000%	%	? Fixed value of 0 %
16	Fixed O&M Cost Recovery Charge Rate (Power)	FOMRP	0.15799	US Cents/kWh	? Fixed value of 0.15799 US Cents/kWh
17	Local Proportion of FOMRP	Y_{FOMRP}	6.00000%	%	? Fixed value of 6.0%
18	Variable O&M Cost Recovery Charge Rate (Power)	VOMR	0.09898	US Cents/kWh	? Fixed value of 0.09898 US Cents / kWh
19	Local Proportion of VOMR	Y_{VOMR}	5.00000%	%	? Fixed value of 5.0%
20	Capital Cost Recovery Charge Rate (Steam)	CCRS	0.56039	\$ / 1,000 lb	? Fixed value of \$ 0.54879 / 1,000 lb
21	Local Portion of CCRS	Y_{CCRS}	0.00000%	%	? Fixed value of 0 %
22	Fixed O&M Cost Recovery Charge Rate (Steam)	FOMRS	0.15754	\$ / 1,000 lb	? Fixed value of \$ 0.15754 / 1,000 lb
23	Local Proportion of FOMRS	Y _{FOMRS}	22.00000%	%	? Fixed value of 22%

Notes are provided on the worksheet to assist in validating data with source schedules.

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APPENDIX B - POWER AND STEAM SHARED CCR REPORTS (con't)

SM Worksheet - Scheduled Maintenance Example

Scheduled Maintenance

BACK to CONTROL Sheet

		POWER	R (MWh)			STEAM ((1,000 lb)	
MONTH	Unplanned Unavailability	Planned Unavailability	Total Projected Unavailability	Billing Month Actual Unavailability	Unplanned Unavailability	Planned Unavailability	Total Projected Unavailability	Billing Month Actual Unavailability
	LCP _{pn} U/12	LCP _{pm} P	LCP _{pm}	LCP _{am}	LCS _{pn} ^U / 12	LCS _{pm} P	LCS _{pm}	LCS _{am}
March-2007	10,686.17	0.00	10,686.17		44,656.42	0.00	44,656.42	
April-2007	10,686.17	0.0	10,686.17		44,656.42	0.0	44,656.42	
May-2007	10,686.17	64,656.C	75,342.17	74,148.51	44,656.42	270,190. A	314,846.42	297,207.98
June-2007	10,686.17	0.0	10,686.17		44,656.42	0.0	44,656.42	
July-2007	10,686.17	0.00	10,686.17		44,656.42	0.00	44,656.42	
August-2007	10,686.17	0.00	10,686.17		44,656.42	0.00	44,656.42	
September-2007	10,686.17	0.00	10,686.17		44,656.42	0.00	44,656.42	
October-2007	10,686.17	0.00	10,686.17		44,656.42	0.00	44,656.42	
November-2007	10,686.17	0.00	10,686.17		44,656.42	0.00	44,656.42	
December-2007	10,686.17	0.00	10,686.17		44,656.42	0.00	44,656.42	
January-2008	10,686.17	0.00	10,686.17		44,656.42	0.00	44,656.42	
February-2008	10,686.17	0.00	10,686.17		44,656.42	0.00	44,656.42	
TOTALS	128,234.00	64,656.00	192,890.00		535,877.00	270,190.00	806,067.00	
Contract Year	LCP _{pn} ^U	LCP _{pn} P	LCP _{pn}		LCS _{pn} ^U	LCS _{pn} P	LCS _{pn}	
Values	128,234.00	64,656.00	192,889.00		535,877.00	270,190.00	806,067.00	
Values Used For	LCP _{pn} ^U / 12	LCP _{pm} P	LCP _{pm}	LCP _{am}	LCS _{pn} ^U / 12	LCS _{pm} ^P	LCS _{pm}	LCS _{am}
Billing Month	10,686.17	64,656.0	75,342.17	74,148.51	44,656.42	270,190.0	314,846.42	297,207.98

Notes

MONTH - The months/years displayed are calculated from the Commercial Operation Date incremented by the Billing Month Contract Year.

LCP_{pn}^U / 12 & LCS_{pn}^U / 12 - These are the same for each month in a Contract Year and are 1/12 th per month of the values in the tables A3-1 & B3-1.

 $\mathsf{LCP_{pm}}^P$ & $\mathsf{LCS_{pm}}^P$ - These values are imported from the Text file.

 $\mathsf{LCP}_{\mathsf{pm}} = \mathsf{LCP}_{\mathsf{pn}}^{\quad \mathsf{U}} \ / \ 12 + \mathsf{LCP}_{\mathsf{pm}}^{\quad \mathsf{P}}$

 $LCS_{pm} = LCS_{pn}^{U} / 12 + LCS_{pm}^{P}$

LCS_{am} - Only the value for the current Billing Month is displayed and is derived from the Linkage sheet Cell 85

 ${\color{red}\textbf{Contract Year Values}} \textbf{ - These are derived from tables A 3-1 \& B 3-1 for comparison with the monthly value totals.}$

Values Used For Billing Month - Used as a 'fixed' source for other formulas to reference, rather than look up the values from the Scheduled Maintenance table within the formulas.





Must agree to annual scheduled maintenance.





Originate from worksheets A3-1 and B3-1 representing annual planned unavailability.

By definition, annual scheduled maintenance (A_1) A_2) cannot exceed contracted planned unavailability values (B_1) (B_2) .

Verification of LCPpmP and LCSpmP volumes, monthly planned unavailability, is important as the values directly impact deductions for plant unavailability. Deductions may exceed <u>hundreds of thousands of dollars</u> if a plant's availability is less than 100% for several days.

*CHANGE ** ADDITION

NEW INSTRUCTION X

COMPLETE REVISION

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APPENDIX B - POWER AND STEAM SHARED CCR REPORTS (con't)

ER Worksheet – Exchange Rate Example

EXCHANGE RATES

BACK to CONTROL Sheet

Billing Period Day	Input Value	Exchange Rate	Notes
1	3.75	0.26667	Billing Period Day derived from HMR Data sheet Time Period column
2	3.75	0.26667	
3	3.75	0.26667	Input Values are imported from the input text file
4	3.75	0.26667	
5	3.75	0.26667	
6	3.75	0.26667	
7	3.75	0.26667	
8	3.75	0.26667	
9	3.75	0.26667	
10	3.75	0.26667	
11	3.75	0.26667	
12	3.75	0.26667	
13	3.75	0.26667	
14	3.75	0.26667	
15	3.75	0.26667	
16	3.75	0.26667	
17	3.75	0.26667	
18	3.75	0.26667	
19	3.75	0.26667	
20	3.75	0.26667	
21	3.75	0.26667	
22	3.75	0.26667	
23	3.75	0.26667	
24	3.75	0.26667	
25	3.75	0.26667	
26	3.75	0.26667	
27	3.75	0.26667	
28	3.75	0.26667	
29	3.75	0.26667	Days 29 to 31 not shown for months where day would exceed no of days in the month
30	3.75	0.26667	Where a day is not applicable to the Billing Month no data is imported
31	3.75	0.26667	
AVERAGE (Monthly Exchange Rate EXRm)		0.26667	? Average of daily rates rounded to 5dp
Reference Exchange Rate (EXRr)		0.26667	? Value held in Sheet IP cell E10

Exchange rate values should reflect 0.26667 unless otherwise communicated by PDD.

Notes are provided on the worksheet to assist in validating data with source schedules.

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APPENDIX B - POWER AND STEAM SHARED CCR REPORTS (con't)

Setup Worksheet - Example

ACCRUAL PROCESS

Commercial Operation Date	March 1, 2006
Contract Year	Transfer to Reserve YES/NO
1	NO
2	NO
3	NO
4	NO
5	NO
6	NO
7	NO
8	NO
9	NO
10	NO
11	NO
12	NO
13	NO
14	NO
15	NO
16	NO
17	NO
18	NO
19	YES
20	YES

Assistant Controller Operations Accounting Box 5000 Saudi Arabian Oil Company Dhahran 31311 Saudi Arabia

Settlement Period Title May 2007

N	btes
Address used for Pow er and Steam	ninvoice.
	- But I was to a live to 12 to
	ing Period month entered in the IP sheet for the lip sheet for the lookup'

Reserve retentions will occur in contract years 19 and 20. All other years should reflect a "NO" value in the "Transfer to Reserve" column.

Notes are provided on the worksheet to assist in validating data with source schedules.

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APPENDIX C – POWER CHARGE REPORTS

CPP Worksheet -Capacity Payment for Power Example

Description	ECA	Value	Units	Notes
	Definition	value	Offics	notes
ked Capital Component of Capacity Payment for Power omponent AP	AP _m	#VALUE!	s	? APm = FCPPm - DRAPm
Base Capital Payment for Power	FCPP _m	#VALUE!	\$	P FCPPm is calculated below in cell D9
Deduction for Reduced Power Availability	DRAPm	#N/A	\$	PRAPm is calculated below in cell D34
Base Capital Payment for Power	FCPP _m	#VALUE!	s	FCPPm = CCRPm* DCP* PHm* 10
Capital Cost Recovery Charge Rate for Net Dependable Power	CCRPm		US Cents/kWh	CCRPm = (CCRP*YCCRP*EXRr / EXRm) + (CCRP*(1 - YCCRP))
Capital Cost Recovery Charge Rate	CCRP	0.70415	US Cents/kWh	? Value held in sheet IP cell E25
Local Portion of CCRP	Y _{CCRP}	0.0%	%	? Value held in sheet IP cell E26
Reference Exchange Rate	EXR _r	0.26667		? Value held in sheet IP cell E10
Exchange Rate	EXR _m			Value held in sheet IP cell E9
Projected Available Net Power Output (Contract Year) Informational only	AGP _{pn}	#N/A	MWh	AGPpn = PHn * CCPn - (LCPpn ^u + LCPpn ^p)
Contracted Power Capacity	CCPn	#N/A	MW	2 Looks up the CCPn value from a table held in sheet A-1 based on the Year held in the Input Sheet (IP)
Net Dependable Power Capacity (Latest Tested, at Reference Site Conditions)	DCP	-	MW	? Value held in sheet ADO cell E6
Total Hours in the Billing Period	PH _m	#VALUE!	Hours	Extracts the day number from the Billing Period date held in sheet IP ce
				day of the billing month) and multiplies by 24 Looks up the PHn value from a table held in sheet A-1 based on the C
Total Hours in the Contract Year	PH _n	#N/A	Hours	Year held in the Input Sheet (IP)
Actual Net Dependable Power Capacity, including ECA 9.3 a)			MWh	Value taken from Adjustment and Overrubes (ADO) sheet cell E4 w his sum of the dally DCP from the Linkage sheet (Note to Reviewers of Charge Calculation detail: Please comp Actual Net Dependable Power Capacity against Contracted Po Capacity for the billing month and Net Dependable Power Cap the billing month. The value for Actual Net Dependable Power Capacity should not exceed both values. Calculation errors exist if Actual Net Dependable Power Capa exceeds Contracted Power Capacity for the billing month and Dependable Power Capacity for the billing month)
Contracted Power Capacity for the Billing Month		#N/A	MWh	CCPn * PHm [D17 * D19]
Net Dependable Power Capacity for the Billing Month		#VALUE!	MWh	DCP * PHm [D18 * D19]
Net Power Output Actually Unavailable	LCP _{am}	-	MWh	Value taken from Adjustment and Overrules (ADO) sheet cell E5 w hic sum of the daily LCPam from the Daily Performance Report
Total length of Unavailability for Power Informational only	UDP_{j}	-	Hours	Value taken from Adjustment and Overrules (ADO) sheet cell E10 w his sum of the daily UDPj from the Daily Performance Report divided by 60 cells.
Net Power Output Projected Unavailable	LCP _{pm}	#N/A	MWh	LCPpm = (LCPpn ^U / 12) + LCPpm ^P
	LCP _{pn} U		MWh	Looks up the LCPpn ^U value from a table held in sheet A3-1 based on
Net Power Output Projected Unavailable (Contract Year, Unplanned Outages)	LCPpn	#N/A	MVVII	Operating Year held in the Input Sheet (IP)
Net Power Output Projected Unavailable (Contract Year, Planned Outages)	LCP _{pn} P	#N/A	MWh	Cooks up the LCPpn ^P value from a table held in sheet A3-1 based on to Operating Year held in the Input Sheet (IP)
Net Power Output Projected (Planned Outages for the Billing Period)	LCP _{pm} ^P		MWh	
Net Power Output Projected (Sum of LCP _{pm} ^P for this Contract Year)	CO pm		MWh	? Value held in sheet SM cell D19
, , , , , , , , , , , , , , , , , , , ,				Case One (Under Performance) where LCPam > LCPpm
Deduction for Reduced Power Availability	DRAP _m	#N/A	s	DRAPm = CCRPm*DFPm*LCPam*10 Case Two (Over Performance) where LCPam ≤ LCPpm
			Į.	DRAPm = CCRPm * (LCPpm - b * (LCPpm - LCPam)) * 10
Case One (under performance) Case Two (over performance)	$LCP_{am} > LCP_{pm}$ $LCP_{am} \leq LCP_{pm}$	#N/A #N/A		 Value' cell set to 'TRUE' if condition met (used by DRAPm formula) Value' cell set to 'TRUE' if condition met (used by DRAPm formula)
Payment Deduction Factor for Power	DFP _m	#N/A		DFRm= FLOPam <= LCPpm THEN 1 E.SEF LCPam <= LCPpm 1.1 THEN 1.1 E.SEF LCPam <= LCPpm 1.1 THEN 1.1 E.SEF LCPam <= LCPpm 1.1 AND LCPam <= LCPpm 1.2 THEN 1.2 E.SEF LCPam <= LCPpm 1.2 AND LCPam <= LCPpm 1.5 THEN 1.3 E.SE 1.5 (Note to Reviewers of Charge Calculation detail: Please verify accuracy of DFPm as it affects credit amounts to Saudi Aramor reduced power availability. Divide LCPam by LCPpm. Compa value for LCPam/LCPpm to the ranges in Table A-5 (click ? bug ot table) to determine what the value for DFPm should be. example, if LCPam/LCPpm = 1.09, then 1.1 would be the value DFPm. Calculation errors may exist if the CPP sheet's DFPm does not match the DFPm value from your verification!)
xed O&M Component of Capacity Payment for Power				Phys. Courtes politics
omponent BP	BP _m	#VALUE!	\$	Phm = FOMPPm - DOMPm
Base Fixed O&M Payment for Net Dependable Power Capacity Deduction for Reduced Power Availability (O&M)	FOMPP _m DOMP _m	#VALUE! #N/A	\$ \$	POMPm is calculated below in cell D44 DOMPm is calculated below in cell D55
Base Fixed O&M Payment for Net Dependable Power Capacity	FOMPP _m	#VALUE!	\$	FOMPPm = FOMRPm * DCP * PHm * 10 FOMRPm = FOMRP * Y CONTO * (EXRr / EXRm)
Fixed O&M Cost Recovery	FOMRP _m	#VALUE!	US Cents/kWh	TTOWN (TTT _{FOMRP}) (GOTHII/ GOTH)
Fixed O&M Cost Recovery Charge Rate	FOMRP		US Cents/kWh	
ocal Proportion of FOMRP	Y _{FOMRP}	6.0%	%	? Value held in sheet IP cell E28
Reference Exchange Rate Exchange Rate	EXR _r	0.26667		Value held in sheet IP cell E10 Value held in sheet IP cell E9
exchange Rate Gaudi Consumer Price Index	EXR _m	_		Value held in sheet IP cell E9 Value held in sheet IP cell E11
Reference Saudi Consumer Price Index	SCI _m SCI _r	98.60		Value held in sheet IP cell E12
JS Consumer Price Index	USPI _m	-	i	? Value held in sheet IP cell E13
Reference US Consumer Price Index	USPI _r	153.50		? Value held in sheet IP cell E14
Deduction for Reduced Power Availability (O&M)	DOMP _m	#N/A	\$	DOMPm = IF LCPam > LCPpm THEN FOMRPm* DFPm* LCPam * 10 ELSE FOMRPm* (LCPpm - b * (LCPpm - LCPam)) * 10
Case One (under performance)	$LCP_{am} > LCP_{pm}$	#N/A	i	? Value' cell set to 'TRUE' if condition met (used by DOMPmformula)
Lase One (under performance)				

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APPENDIX C -POWER CHARGE REPORTS (con't)

OPP Worksheet -Output Payment for Power

ACCRUAL PROCESS

SUBJECT

OUTPUT PAYMENT FOR POWER	1 1			BACK to CONTROL Sheet
Description	ECA Definition	Value	Units	Notes
Fuel Adjustment Component				
Component CP	CP _m	0.00	\$	CPm = (FDpm [#] - FDam [#]) * c * GPm [* Considering measuring tolerances as determined in accordance with Case A and Case B]
Projected Fuel Demand	FD_{pm}	0	10 ⁶ BTU	Value held in ADO cell E18
Actual Fuel Demand	FD _{am}	0	10 ⁶ BTU	Value held in ADO cell E19
Measuring Tolerance Fuel Demand	MTFD	1.00%	1	Value held in IP cell E23
Price for Gas	GP_m	0.83	\$/10 ⁶ BTU	Fixed value of \$0.83 / 10 ⁶ BTU (LHV) as per ECA
Case A (under Performance)			1	TRUE when FDpm*(1 + MTFD) < FDam*(1 - MTFD)
Case B (over Performance)				TRUE w hen FDpm * (1 - MTFD) > FDam * (1 + MTFD)
Factor c (c=1 for Case A and c=.50 for Case B)	С	0.50	1	Factor c = IF CASE A under performance = TRUE THEN 1 ELSE 0.5
		Projected Fuel	Actual Fuel	
		Demand FDpm#	Demand FDam [#]	+MTFD (Case A under performance work cell)
Correction for Measuring Tolerance Fuel Demand (MTFD)	+MTFD	0.00	0.00	Projected Fuel Demand = FDpm * (1 + MTFD) Actual Fuel Demand = FDam * (1 - MTFD)
,	-MTFD	0.00	0.00	-MIFD (Case B over performance work cell) Projected Fuel Demand = FDpm* (1 - MTFD) Actual Fuel Demand = FDam* (1 + MTFD)
Variable O&M Component of Output Payment for Power				2
Component DP	DP _m	#VALUE!	\$	DPm = Eam * VOMRm / 100
Actual Net Power Output	E _{am}	#VALUE:	kWh	
Actual Net Power Output Metered for the Month (2 pm Reading)	⊏am	_	kWh	
Variable O&M Cost Recovery Charge for Net Power & Net Steam Output	$VOMR_m$	#VALUE!	US Cents / kWh	\OMPm = \OMP * \
Variable O&M Cost Recovery Charge Rate	VOMR	0.09898	US Cents / kWh	
Local Proportion of VOMR	Yvomr	5.0%	%	Value held in sheet IP cell E30
Reference Exchange Rate	EXR _r	0.26667		Value held in sheet IP cell E10
Exchange Rate	EXR _m			Value held in sheet IP cell E9
Saudi Consumer Price Index	SCI _m	-		Value held in sheet IP cell E11
Reference Saudi Consumer Price Index	SCI _r	98.60		Value held in sheet IP cell E12
US Consumer Price Index	USPI _m	-		Value held in sheet IP cell E13
Reference US Consumer Price Index	USPI _r	153.50		Value held in sheet IP cell E14

Notes are provided on the worksheet to assist in validating data with source schedules.

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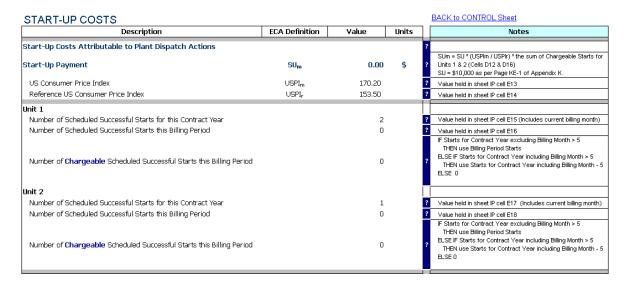
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APPENDIX C - POWER CHARGE REPORTS (con't)

SUP Worksheet -Start-up Cost Example

ACCRUAL PROCESS

SUBJECT



Notes are provided on the worksheet to assist in validating data with source schedules.

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APPENDIX C -POWER CHARGE REPORTS (con't)

Table A-1 –Contracted Power Capacity Example

Table A-1	Contracted Power	er Capacity	BACK to CONTROL Sheet
Contract Year	Contracted Power Capacity	Period Hours in Contract Year	Notes
4	CCPn (MW)		? CCPn selected from this table by the CCPn formula in the CPP sheet
1	305.0	8760	
2	299.3	8784	
3	297.6	8760	
4	296.3	8760	
5	295.5	8760	
6	294.8	8784	
7	296.4	8760	
8	295.3	8760	
9	294.6	8760	
10	294.0	8784	
11	293.6	8760	
12	293.2	8760	
13	294.9	8760	
14	293.8	8784	
15	293.2	8760	
16	292.6	8760	
17	292.1	8760	
18	291.8	8784	
19	293.4	8760	
20	292.4	8760	

BACK to CONTROL Sheet

Table A3-1 – Projected Availability of Net Power Output Example

Table A3-1 Projected Availability of Net Power Output

	Barda d Harris In	Projected Available	Projected Loss of N	let Power Output due to	Unavailability (MWh)		
Contract Year	Period Hours in Contract Year n	NET POWER OUTPUT (AGP _{pn})	Planned (LCP _{pn} P)	Unplanned (LCP _{pn} ^U)	Total (LCP _{pn})	Planned Days	Unplanned Days
	h	MWh	MWh	MWh	MWh		
1	8760	2,449,687	65,883	156,363	222,246	9	21.36
2	8784	2,436,438	64,656	128,234	192,889	9	17.85
3	8760	2,379,042	128,551	99,127	227,677	18	13.88
4	8760	2,430,358	64,002	101,265	165,267	9	14.24
5	8760	2,424,024	63,835	101,001	164,836	9	14.24
6	8784	2,275,312	219,324	94,805	314,129	31	13.40
7	8760	2,430,738	64,012	101,281	165,292	9	14.24
8	8760	2,421,744	63,775	100,906	164,681	9	14.24
9	8760	2,355,334	127,269	98,139	225,408	18	13.88
10	8784	2,418,383	63,508	100,766	164,274	9	14.28
11	8760	2,408,062	63,415	100,336	163,750	9	14.24
12	8760	2,256,634	218,175	94,026	312,202	31	13.36
13	8760	2,418,830	63,698	100,785	164,483	9	14.24
14	8784	2,416,605	63,461	100,692	164,153	9	14.28
15	8760	2,343,726	126,642	97,655	224,298	18	13.88
16	8760	2,399,701	63,194	99,988	163,182	9	14.24
17	8760	2,396,154	63,101	99,840	162,941	9	14.24
18	8784	2,252,185	217,095	93,841	310,936	31	13.40
19	8760	2,406,922	63,385	100,288	163,673	9	14.24
20	8760	2,397,927	63,148	99,914	163,061	9	14.24

BACK to CONTROL Sheet

Notes
nned Days = LCPpn ^P / CCPn / 24 planned Days = LCPpn ^U / CCPn / 24

Table A-5 –Payment Deduction Factor for Power Example

Table A-5 Payment Deduction Factor for Power BACK to CONTROL Sheet

LCPam (MWh)	DFPm
Up to LCPpm	1.00
> LCPpm through 1.1 LCPpm	1.10
> 1.1 LCPpm through 1.25 LCPpm	1.20
> 1.25 LCPpm through 1.5 LCPpm	1.30
> 1.5 LCPpm	1.50

loi ioi Powei				
				Notes
	From To ?		?	Values taken from Table A5 - Payment Deduction Factor for Pow er
	0 #N/A ?		?	Initial LCPpm value held in sheet CPP cell D28
	#N/A #N/A		Ì	
	#N/A	#N/A		
	#N/A	#N/A		
	#N/A			
Ì				
	LCPam	-	_	

GENERAL INSTRUCTION MANUAL

ISSUING ORG. ACCOUNTING POLICIES & SYSTEMS DEPARTMENT

SUBJECT TIHAMA POWER INVOICE VERIFICATION AND MONTHLY ACCRUAL PROCESS

GENERAL INSTRUCTION NO.

Approved

287.002

ISSUE DATE REPLACES

10-01-2010 NEW

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APPENDIX D - STEAM CHARGE REPORTS

CPS Worksheet -Capacity Payment for Steam Example

CAPACITY PAYMENT FOR STEAM ECA Definition Notes Value Units Description Fixed Capital Component of Steam Capacity Payment #VALUE! ASm = FCPSm - DRASm Component AS AS... \$ Base Capital Payment for Steam FCPS_m #VALUE! Value held in cell D9 Deduction for Reduced Steam Availability DRAS #N/A #VALUE! FCPSm = CCRSm * DCS * PHm CCRSm = (CCRS * Y_{CCRS} * EXRr / EXRm) + (CCRS * (1 - Y_{CCRS}) Base Capital Payment for Steam FCPS_m #VALUE! Capital Cost Recovery Charge Rate for Net Dependable Steam CCRS_m \$ / 1,000 lb Capital Cost Recovery Charge Rate CCRS 0.56039 \$ / 1,000 lb Local Portion of CCRS YCCRS 0.0% Value held in sheet IP cell E32 Reference Exchange Rate 0.26667 Value held in sheet IP cell E10 Exchange Rate EXR_n Projected Available Net Steam Output (Contract Year) Informational only AGS_{nr} #N/A 1,000 lb AGSpn = PHn * CCSn - (LCSpnu + LCSpnp) CCSn #N/A Operating Year held in the Input Sheet (IP) t in sheet ADO cell E13 Net Dependable Steam Capacity (Latest Tested, at Reference Site Conditions) 1,000 lb/hr Extracts the day number from the Billing Period date held in sheet IP E5 (last day of the billing month) and multiplies by 24 Looks up the Prh value from a table held in sheet B-1 based on the Operating Year held in the Input Sheet (IP) PH_m #VALUE! Total Hours in the Billing Period Hours Total Hours in the Contract Year #N/A Hours (Note to Reviewers of Charge Calculation detail: Please compare Actual Net Dependable Steam Capacity against Contracted Steam Capacity for the billing month and Net Dependable Steam Capacity for the billing month. The value fo Actual Net Dependable Steam Capacity should not exceed both values. Calculation errors exist if Actual Net Dependable Steam Capacity should for the billing of Capacity expended Contracted Steam Capacity for the billing. Actual Net Dependable Steam Capacity, including ECA 9.3 a) 1,000 lb/hr Capacity exceeds Contracted Steam Capacity for the billing month and Net Dependable Steam Capacity for the billing Contracted Steam Capacity for the Billing Month #N/A 1,000 lb/hr CCSn * PHm [D17 * D19] Net Dependable Steam Capacity for the Billing Month **#VALUE!** 1,000 lb/hr DCS * PHm [D18 * D19] Net Steam Output Actually Unavailable 1,000 lb/hr Total length of Unavailability for Steam, Informational only Net Steam Output Projected Unavailable LCSpm #N/A 1,000 lb LCSpm = (LCSpnu / 12) + LCSpm Net Steam Output Projected Unavailable (Contract Year, Unplanned Looks up the LCSpn^u value from a table held in sheet B3-1 based on th Operating Year held in the Input Sheet (IP) Outages) Looks up the LCSpn^P value from a table held in sheet B3-1 based on the Operating Year held in the liput Sheet (IP) Value held in sheet SM cell H25 Net Steam Output Projected Unavailable (Contract Year, Planned LCS_{nn}P #N/A 1,000 lb Net Steam Output Projected (Planned Outages for the Billing Period) 1,000 lb LCS_{nm}^F Net Steam Output Projected (Sum of LCSpmP for this Contract Year) 1,000 lb Case One (Under Performance) where LCSam > LCSpi DRASm = CCRSm * DFSm * LCSam Deduction for Reduced Steam Availability DRAS... #N/A Case Two (Over Performance) where LCSam ≤ LCSpm DRASm = CCRSm * (LCSpm - b * (LCSpm - LCSam)) Case One (under performance) Case Two (over performance) LCS_{am} ≤ LCS_{om} #N/A Value' cell set to 'TRUE' if condition met (used by DRASm formula) F-C018

FLCSam <= LCSpm THEN 1

ELSE F LCSam <= LCSpm *1.1 THEN 1.1

ELSE F LCSam > LCSpm *1.1 AND LCSam <= LCSpm *1.25 THEN 1.2

ELSE F LCSam > LCSpm *1.25 AND LCSam <= LCSpm *1.5 THEN 1.3 (Note to Reviewers of Charge Calculation detail: Please verify the accuracy of DFSm as it affects credit amounts to Saudi Aramco for reduced steam availability. Divide LCSam by LCSpm. Compare the value for LCSam/LCSpm to the ranges in Table B-5 (click 7 button to go to table) to determine what the value for DFSm should be. For example, if LCSam/LCSpm = 1.42 hen 1.3 would be the value for DFSm. Calculation errors may exist if the CPS sheet's DFSm value does not match the DFSm value from your verification. Payment Deduction Factor for Steam #N/A /alue from your verification!) Fixed O&M Component of Capacity Payment for Steam Component BS BS_n #VALUE! BSm = FOMPSm - DOMSm . Base Fixed O&M Payment for Net Dependable Steam Capacity FOMPS_m #VALUE! Value held in cell D55 Deduction for Reduced Steam Availability (O&M) #N/A DOMS_m Base Fixed O&M Payment for Net Dependable Steam Capacity FOMPS... #VALUE! FOMRSm = FOMRS * Y FOMRS * (SCIm / SCIr) * (EXRr / EXRm + FOMRS * (1 - Y FOMRS) * (USPIm / USPIr #VALUE! \$ / 1,000 lb Fixed O&M Cost Recovery Charge Rate FOMRS 0.15754 Value held in sheet IP cell E33 Local Proportion of FOMRS Value held in sheet IP cell E34 YFOMRS Reference Exchange Rate FXR. 0.26667 Value held in sheet IP cell E10 Exchange Rate EXR_m Value held in sheet IP cell E9 Saudi Consumer Price Index Value held in sheet IP cell E11 Reference Saudi Consumer Price Index SCL 98.60 US Consumer Price Index Value held in sheet IP cell E13 Reference US Consumer Price Index USPI 153.50 F LCSam > LCSpm THEN FOMRSm* DFSm* LCSam ELSE FOMRSm* (LCSpm - b * (LCSpm - LCSam)) Deduction for Reduced Steam Availability (O&M) DOMS_m #N/A Value' cell set to 'TRUE' if condition met (used by DOMSm formula Case One (under performance) $LCS_{am} > LCS_{p}$ #N/A Value' cell set to 'TRUE' if condition met (used by DOMSm f Case Two (over performance) #N/A LCS_{am} ≤ LCS_{pm}

SAUDI ARABIAN OIL COMPANY (Saudi Aramco) GENERAL INSTRUCTION MANUAL ISSUING ORG. ACCOUNTING POLICIES & SYSTEMS DEPARTMENT TIHAMA POWER INVOICE VERIFICATION AND MONTHLY SUBJECT ACCOUNTING POLICIES & SYSTEMS DEPARTMENT TIHAMA POWER INVOICE VERIFICATION AND MONTHLY APPROVAL PAGE NO. PAN 24 of 28

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<u>APPENDIX D - STEAM CHARGE REPORTS (con't)</u>

FAC Worksheet –Feedwater Adjustment Example

ACCRUAL PROCESS

FEEDWATER ADJUSTMENT	BACK to CONTROL Shee
I EEDVWATERA ABOOCHMENT	

Description	ECA Definition	Value	Units		Notes
Feedwater Adjustment Component				?	
Component CS	CS _m	0.00	\$?	CSm = (FWDam - (Sam * (1 + d))) * FWP
Actual Feedwater Demand	FWD _{am}	549,726	1,000 lb	?	Value held in sheet ADO cell E20
Actual Net Steam Output	Sam	562,136	1,000 lb	?	Value held in sheet ADO cell E15
Actual Net Steam Output Metered for the Month (2 pm Reading)		0	1,000 lb	?	Value held in sheet ADO cell E16
Price for excess Feedwater Demand	FWP	2.00	\$ / 1,000 lb	?	Fixed value of \$2.00 per 1,000 lb as per the ECA
Feedwater Demand Applicable				?	TRUE IF FWDam > (1 + 0.05) * Sam
) (

Feedwater adjustments are expected to be zero due to the 5% feedwater demand and Steam output volume tolerance limit provided in ECA Appendix K.

Notes are provided on the worksheet to assist in validating data with source schedules.

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APPENDIX E -SUMMARY OF CHARGES

ACCRUAL PROCESS

Summary Adjustment Example

SUBJECT

SUMMARY	BACK to CONTROL Sheet			
Description	ECA Definition	Value	Units	Notes
Capacity Payment for Power		1,300,101.96	\$	2 APm + BPm
Fixed Capital Component	APm	1,041,676.29	\$? Value held in sheet CPP cell D5
Fixed O&M Component	BPm	258,425.66	\$	Value held in sheet CPP cell D40
Output Payment for Power		149,643.32	\$? CPm + DPm
Fuel Adjustment Payment	CPm	8,882.16	\$? Value held in sheet OPP cell D5
Variable O&M Component	DPm	140,761.17	\$	Value held in sheet OPP cell D18
Capacity Payment for Steam		434,785.53		ASm + BSm
Fixed Capital Component	AS _m	332,277.96	\$? Value held in sheet CPS cell D5
Fixed O&M Component	BS _m	102,507.56	\$? Value held in sheet CPS cell D40
Feedwater Adjustment Payment for Steam	CS _m	0.00	\$	Value held in sheet FAC cell D5
Start-Up Payments	SUm	0.00	\$? Value held in sheet SUP cell D5
Auxiliary Power Payment	-360.74		\$	Auxiliary Power metered for the month * Auxiliary Power Payment Tariff (Note - Volume held in sheet ADO cell E21 and Tariff held in sheet IP cel E19)
Non-conforming Gas & Feedwater Payment		0.00		Payment to be Agreed TPGC/SA
Ancillary Services (Potable & Utility Water)		-827.76	\$	((Ancillary Services - Potable water /1000 * 10) + (Ancillary Services - Utility water /1000 * 0.5)) * - 1
TOTAL PAYMENT	-	1,883,342.30	\$	APm + BPm + CPm + DPm + A5m + B5m + C5m + 5Um + Auxiliary Power Payment + Non-conforming Gas & Feedwater Payment + Ancillary Services (Potable & Utility Water)

Notes are provided on the worksheet to assist in validating data with source schedules.

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APPENDIX F -CODING INSTRUCTIONS HISTORY

The following cost center and account coding instructions were in effect through December 31, 2009 and reflect Power charges posted to PDD cost centers.

		Account			
Cogen Plant	Cost Center No.		Account Description		
Power Charges					
Uthmaniyah	494552	7408201	Capital Leases - Power Only		
Shedgum	494553	7408201	Capital Leases – Power Only		
Ras Tanura	494554	7408201	Capital Leases - Power Only		
Juaymah	214842	7408201	Capital Leases – Power Only		
Steam Charges					
Uthmaniyah	213502	7408200	Capital Leases – Excludes Power		
Shedgum	212502	7408200	Capital Leases – Excludes Power		
Ras Tanura	381570	7408200	Capital Leases – Excludes Power		
Juaymah	214844	7408200	Capital Leases – Excludes Power		
			·		

Effective January 1, 2010, Power charges are coded to end user plants in support of the First Spent Money initiative.

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*CHANGE ** ADDITION NEW INSTRUCTION X COMPLETE REVISION

c) If applicable, Transfer Reserve Deduction coded to A/C 3003038.

Ensure Service Entry Sheets (SES) are received and processed timely

If partial month invoice, perform detailed review of all calculations.

Review GI 287.002-1 if Prior Period Adjustments, Late Payment Fees, or

consider expanding review to other functions/departments.

Disputed Charges are included on the monthly invoice.

Service Entry Sheet

Partial Month

Special Handling

Invoices

13.3

13.4

13.5

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ISSUING ORG.	ACCOUNTING POLICIES & SYSTEMS DEPARTMENT	10-01-2010	REPLACES NEW	
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CONTENTS This instruction provides guidance for handling prior period adjustments, late payment fees and disputed charges arising from Tihama Power's Cogeneration services.

- 1. Glossary
- 2. Background & Purpose
- 3. Scope
- 4. Company Policies & Other Publications
- 5. Responsibilities
- 6. Prior Period Adjustments
- 7. Late Payment Fees
- 8. Disputed Payments

Appendix A - Prior Period Adjustment Summary Schedule

Appendix B - Late Payments

Appendix C – Payment Validation

Appendix D - Escrow Accounts

1. GLOSSARY

1.1. Abbreviations & Acronyms:

ΑI	Accounting Instruction
BOOT	Build, Own, Operate & Transfer
CCR	Charge Calculation Reports
COD	Commercial Operation Date
COGEN	Cogeneration Plants built and operated by Tihama Power
ECA	Energy Conversion Agreement
ESV	Entry Sheet Verification
GI	General Instruction
PDD	Power Distribution Department
PI	Tihama Power Plant Information System
SES	Service Entry Sheet
SSFDM	Settlement System & Fuel Demand Application
TPGC	Tihama Power Generation Company Ltd.

1.2. Definitions of Words and Phrases:

Host Plant – Uthmaniyah Gas Plant, Shedgum Gas Plant, and Juaymah NGL Fractionation, or Ras Tanura Refinery

Cogen Plant – Uthmaniyah, Shedgum, Juaymah, or Ras Tanura Cogen Plants

*CHANGE NEW INSTRUCTION X COMPLETE REVISION ** ADDITION

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2. BACKGROUND & PURPOSE

Saudi Aramco and TPGC executed four (4) long-term ECAs in December 2003 whereby TPGC would construct and operate gas turbine Power and Steam Cogen Plants at the Company's Host Plants.

The ECAs incorporate a BOOT (build, own, operate and transfer) model spanning 20 years. As specified in the agreements, TPGC will issue individual monthly invoices for Power and Steam services for each location. The total ECA value is estimated to exceed \$2.4 billion.

This instruction identifies key controls associated with processing non-standard TPGC charges identified below. Due to the complexity of the Cogen billing process, specific guidelines are provided to ensure appropriate review procedures are performed.

- Prior Period Adjustments
- Late Payment Fees
- Disputed Payments

This instruction supplements GI 287.002, Tihama Power Invoice Verification and Monthly Accrual Process.

3. SCOPE

- 3.1. Processing prior period adjustments arising from routine publication delays of annual economic data elements including the <u>Saudi Consumer Price Index</u> and <u>US Producer Price Index</u> as provided in Settlement System Agreed Procedure #10, Monthly Billing.
- 3.2. Reviewing late payment fees assessed by TPGC.
- 3.3. Managing payment disputes and related escrow accounts.

4. COMPANY POLICIES & OTHER PUBLICATIONS

4.1. References to Company Policies:

GI 287.002, Tihama Power Invoice Verification and Monthly Accrual Process AI 707, Payments to Contractors and Vendors

- 4.2. References to Other Publications and Documents:
 - Energy Conversion Agreements dated December 20, 2003

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- Tihama Power Generation Co. Ltd, Settlement System Agreed Procedures
- Power Distribution Department White Paper: Administration & Management of 3rd Party Cogeneration Plants (UGP, SGP, JNGLF, RTR), dated: February 13, 2006

5. RESPONSIBILITIES

For the avoidance of doubt, the following summarizes the responsibilities indentified in the above referenced publications and incorporated herein.

- 5.1. PDD is the overall Contract Administrator for the ECAs and is the main Proponent for TPGC.
- 5.2. PDD is the Proponent to verify Power-related invoices.
- 5.3. Host Plants are the Proponents for Steam-related invoices, payments and adjustments and ensuring timely processing and payment of Power-related invoices.

6. PRIOR PERIOD ADJUSTMENTS

Several economic data elements are incorporated in the Cogen billing process including the <u>Saudi Consumer Price Index</u> and <u>US Producer Price Index</u>. Indices are adjusted annually based upon plant Commercial Operation Dates (COD) outlined below.

Cogen Plant	Commercial Operations Date
Uthmaniyah	March
Shedgum	June
Ras Tanura	September
Juaymah	December

Due to publication delays, annual updates may be delayed for several months necessitating modification of previously issued invoices. This situation was contemplated when negotiating the original agreements and is addressed in TPGC Settlement System, Agreed Procedure #10 – Monthly Billing. The Monthly Billing procedure includes detailed guidelines for validating revised economic indices along with managing the invoice revision process. Retain documentation of the review process for reference and audit purposes. See GI 287.002, Section 13.2 for coding instructions.

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The following key controls have been identified with this activity:

- 6.1. Invoices will not be revised until all updates are received, validated and agreed by PDD and TPGC.
- 6.2. Revised indices should be validated in accordance with procedures included in TPGC Settlement System, Agreed Procedure #10, Appendix A, Obtaining Index Values for SCI_M and $USPI_M$. It is recommended that copies of indices be retained for future reference.
- 6.3. TPGC is required to provide updated text upload files, PI CCR reports, invoices and SES documents reflecting the revised indices as outlined in Agreed Procedure #10.
- 6.4. TPGC is required to provide a summary of the revised monthly invoices identifying the net amount due to/from Saudi Aramco. See TPGC Settlement System, Agreed Procedure #10, Appendix B, Prior Period Adjustments, for additional instructions. See Appendix A for a sample of the prior period adjustment summary schedule.
- 6.5. New monthly SSFDM application files must be created with the revised text upload files and verified in accordance with GI 287.002, Tihama Power Invoice Verification and Monthly Accrual Process. Caution should be exercised to ensure original SSFDM application files and related CCR reports are retained and available for reference and audit purposes.
- 6.6. Verify the accuracy of the prior period adjustment summary schedule. Agree revised and original invoice amounts presented on the adjustment summary to approved CCR reports.
- 6.7. Review and approve required SES documents to ensure timely payment to TPGC. The ESV process in SAP is used to approve SES documents.

7. LATE PAYMENT FEES

TPGC Settlement System, Agreed Procedure #10, Monthly Billing, defines late payment procedures to include Saudi Aramco and TPGC responsibilities with respect to handling late payment claims. Late payment claims are made on an annual basis with Power and Steam charges segregated by location and type.

TPGC is required to provide documents supporting the late payment claims to include invoice copies, SES forms, payment advice copies and TPGC bank statements.

The following key controls have been identified with this activity:

SAUDI ARABIA	GENERAL INSTRUCTION NO. 287.002-1			
GENERAL	201	.002-1		
ISSUING ODG	ACCOUNTING POLICIES & SYSTEMS DEPARTMENT	ISSUE DATE	REPLACES	
issumd okd.	ACCOUNTING POLICIES & STSTEMS DEPARTMENT	10-01-2010	NEW	
CLIDIECE	TIHAMA POWER PRIOR PERIOD ADJUSTMENTS, LATE	APPROVAL	PAGE NO.	
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- 7.1. Validate data presented on the TPGC late payment summary sheet. Detailed review procedures are provided in Appendix B. Retain documentation of the review process for reference and audit purposes.
- 7.2. Late payment fees shall be charged to cost element 7409709, 3rd Party Pmts (non-Capex) Claims, Cost Reim, & Other.
- 7.3. Review and approve required SES documents to ensure timely payment to TPGC.

8. **DISPUTED PAYMENTS**

In the unlikely event Saudi Aramco and TPGC are unable to resolve a payment issue ECA Section 10.2 outlines the process for managing disputes. Key elements of the process include:

- No previously undisputed invoice or payment may be disputed more than one hundred and eighty (180) Days after the due date, and
- Any disputed payment amount pursuant to the agreement shall be paid into the Escrow Account

Cogen Plant specific escrow accounts have been established at the Samba Financial Group's London Branch. See Appendix D for account details.

PDD, as the contract administrator, shall ensure all required coordination activities with Host Plants, Legal, Treasury, and Finance groups occur in the event a payment dispute develops.

Escrow account payments will require coordination with Treasury and Finance to ensure amounts are correctly recorded in the system. A payment dispute does not release Saudi Aramco from the liabilities arising as a result of services previously rendered by TPGC. Accordingly, consideration should be given to the need to establish a non-standard accrual for unrecorded and outstanding amounts due TPGC.

Approved: Original Approved by R. A. KRYGSMAN R. A. KRYGSMAN, Manager Accounting Policies & Systems Department

JAK

W/C #T893

GENERAL INSTRUCTION MANUAL

ISSUING ORG. ACCOUNTING POLICIES & SYSTEMS DEPARTMENT

SUBJECT TIHAMA POWER PRIOR PERIOD ADJUSTMENTS, LATE PAYMENT FEES AND DISPUTED PAYMENTS

GENERAL INSTRUCTION NO. 287.002-1				
ISSUE DATE 10-01-2010	REPLACES NEW			
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APPENDIX A - PRIOR PERIOD ADJUSTMENT SUMMARY SCHEDULE

The following prior period adjustment summary is prepared by TPGC and submitted to Saudi Aramco for review and processing. Amounts presented on the summary must be agreed to approved CCR reports. See Settlement System Agreed Procedure #10, Monthly Billing, for instructions on obtaining indices and prior period adjustment invoices.

Ju'aymah Cogen Plant													
Contract Year 1 (December 2006 - May 2007)													
Prior Period Adjustments for Power & Steam	-												
Filor Feriou Aujustinents for Fower & Steam													
	+												
	+												
Power Invoice Only													
Billing Month		Dec-06		Jan-07		Feb-07		Mar-07		Apr-07		May-07	
9												,	Total Revised
Revised Values													Values
Capacity Payment for Power	\$	469,074.40	\$	1,860,890.47	\$	1,709,195.17	\$	1,823,587.76	\$	1,686,728.26	\$	1,842,350.67	\$ 9,391,826.73
Less Transfer Reserve Deduction													\$ -
Output Payment for Power	\$	100,262.12	\$	301,655.60	\$	281,095.33	\$	290,052.97	\$	240,679.78	\$	228,471.09	
Start-up Payment													\$ -
Auxiliary Power Payment	\$	(482.76)											\$ (482.76)
Non-conforming Gas & Feedwater Payment			_		_				_				\$ -
Totals	\$	568,853.76	\$	2,162,546.07	\$	1,990,290.50	\$	2,113,640.73	\$	1,927,408.04	\$	2,070,821.76	\$ 10,833,560.86
													T
0		4440040		4440054		4440050		4440074		4440000		4440000	Total Original
Original Invoice #s & Values	\$	1110048	e.	1110054	e.	1110058		1110071	o.	1110080	r.	1110088	Values
Capacity Payment for Power	5	457,319.33	5	1,814,256.33	5	1,666,362.53	5	1,777,888.43	5	1,644,458.64	\$	1,796,181.14	\$ 9,156,466.40
Less Transfer Reserve Deduction	\$	05 005 00	æ	200 024 42	æ	207 225 24	æ	270 000 02	æ	227 754 40	æ	245 242 72	# - 1 DC7 CO7 40
Output Payment for Power Start-up Payment	Ф	95,265.62	Ф	286,021.13	Ф	267,235.24	Ф	276,080.62	Þ	751.16, 227	Þ	215,343.72	\$ 1,367,697.49
Auxiliary Power Payment	\$	(468.83)											\$ (468.83)
Non-conforming Gas & Feedwater Payment	Ф	(400.03)											\$ (460.03)
Totals	\$	552,116.12	q.	2,100,277.46	¢	1 933 597 77	Œ.	2,053,969.05	g.	1,872,209.80	Œ	2.011.524.86	\$ 10,523,695.06
Totals	Ψ	332,110.12	Ψ	2,100,277.40	Ψ	17.700,000,11	Ψ	2,000,000.00	Ψ	1,012,200.00	Ψ	2,011,024.00	Ψ 10,023,033.00
	+												Total Power
													Adjustments
Net Amount Due Tihama Power (Due Saudi Aramco)	\$	16,737.64	s	62,268.61	s	56,692.73	S	59,671.68	s	55,198.24	S	59,296.90	
THE PROPERTY OF THE PROPERTY O	*	10,101.01	*	02,200.01	*	00,002.10	*	00,011.00	*	00,100.21	*	00,200.00	¥ 000,000.00
Steam Invoice Only													
Billing Month		Dec-06		Jan-07		Feb-07		Mar-07		Apr-07		May-07	
													Total Revised
Revised Values													Values
Capacity Payment for Steam	\$	166,681.16	\$	661,257.47	\$	607,353.97	\$	655,439.78	\$	599,362.96	\$	654,745.48	\$ 3,344,840.82
Less Transfer Reserve Deduction													\$ -
Feedwater Adjustment Payment for Steam													\$ -
Ancillary Services (potable & utility water)	\$	(29.83)		(86.26)		(84.59)		(1,109.88)		(95.45)		(99.02)	
Totals	\$	166,651.33	\$	661,171.21	\$	607,269.38	\$	654,329.90	\$	599,267.51	\$	654,646.46	\$ 3,343,335.79
													Total Original
Original Invoice #s & Values		1110049		1110055		1110057		1110068		1110078		1110089	Values
Capacity Payment for Steam	\$	161,811.14	\$	641,937.15	\$	589,608.58	\$	636,289.44	\$	581,851.05	\$	635,615.43	
Less Transfer Reserve Deduction													\$ -
Feedwater Adjustment Payment for Steam													\$ -
Ancillary Services (potable & utility water)		404.011.11	-	044 000 40	-	F00 555 55	\$	(1,109.88)		(95.56)		(99.02)	
Totals	\$	161,811.14	\$	641,937.15	\$	589,608.58	\$	635,179.56	\$	581,755.49	\$	635,516.41	\$ 3,245,808.33
	1						-						
													Total Steam
N. a D. Fl. B. (D. O	•	4.040.40	•	40.004.00		47.000.00		40.450.04	•	47 540 00		40 400 05	Adjustments
Net Amount Due Tihama Power (Due Saudi Aramco)	\$	4,840.19	5	19,234.06	ъ	17,660.80	5	19,150.34	ъ	17,512.02	5	19,130.05	\$ 97,527.46

GENERAL INSTRUCTION MANUAL

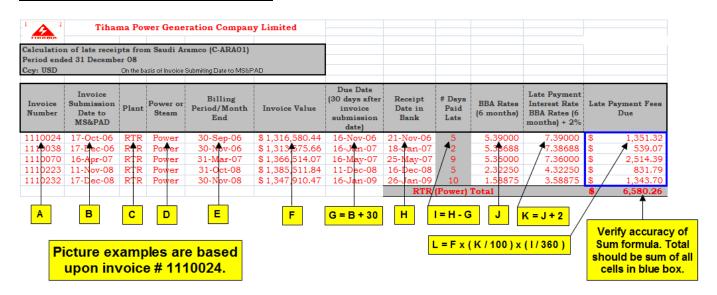
ACCOUNTING POLICIES & SYSTEMS DEPARTMENT

TIHAMA POWER PRIOR PERIOD ADJUSTMENTS, LATE **SUBJECT**

PAYMENT FEES AND DISPUTED PAYMENTS

GENERAL INSTR 287	.002-1
ISSUE DATE	REPLACES
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APPENDIX B -LATE PAYMENTS



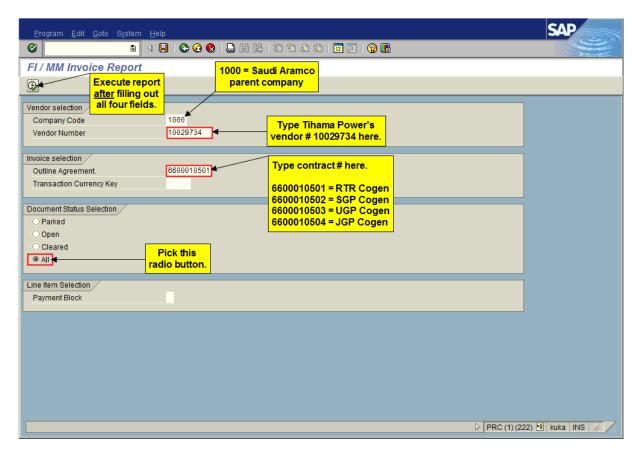
Review procedures:

- Verify line items presented on the late payment schedule were not included on a previous late payment claim and represent invoices occurring within the period under review.
- Use SAP t-code ZF0778, FI / MM Invoice Report, to verify data items A F and H. Instructions for validating data in SAP are provided below.
- Verify LIBOR rates utilized in the late payment claim based on procedures included in TPGC Settlement System, Agreed Procedure #10, Appendix C.
- Review formulas for items G, I, K, L and the total line.

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GENERAL	287	.002-1			
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SUBJECT	TIHAMA POWER PRIOR PERIOD ADJUSTMENTS, LATE PAYMENT FEES AND DISPUTED PAYMENTS	APPROVAL RAK	PAGE NO. 8 of 13		

APPENDIX B -LATE PAYMENTS (con't)

Access the FI/MM Invoice Report screen using t-code ZF0778. The following screen will appear.



Executing the FI / MM Invoice Report will produce a plant-level report to support the review of TPGC's late payment schedule as outlined above.

If the Outline Agreement field is left blank, a vendor level report containing all TPGC contracts will be generated.

SAUDI ARABIAN OIL COMPANY (Saudi Aramco) GENERAL INSTRUCTION MANUAL

ACCOUNTING POLICIES & SYSTEMS DEPARTMENT

TIHAMA POWER PRIOR PERIOD ADJUSTMENTS, LATE

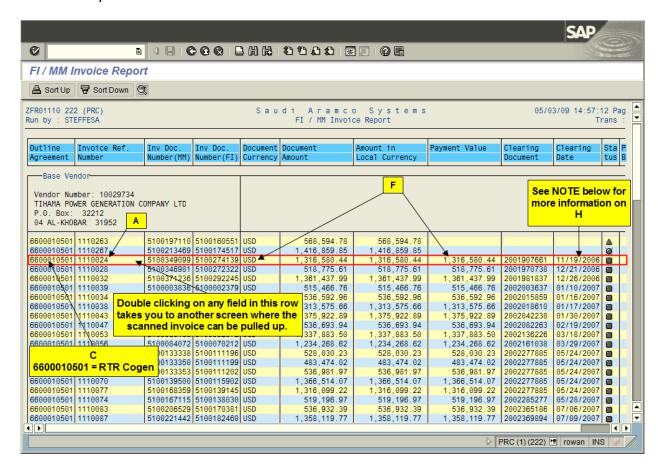
PAYMENT FEES AND DISPUTED PAYMENTS

GENERAL INSTRUCTION NO. 287.002-1 **ISSUE DATE** REPLACES 10-01-2010 NEW **APPROVAL** PAGE NO. **RAK** 9 of 13

APPENDIX B -LATE PAYMENTS (con't)

Invoice Report:

SUBJECT



Item A - TPGC invoice number

Item C - Code identifying the specific Cogen plant

Item F - Invoice amount

Item H - Payment date (Receipt in Bank Date)

In the event the item H, Receipt Date in Bank, does not agree with the value presented in SAP, TPGC's bank statements shall be used to determine the correct date. A sample TPGC bank statement is provided at Appendix C.

GENERAL INSTRUCTION MANUAL

ISSUING ORG. ACCOUNTING POLICIES & SYSTEMS DEPARTMENT

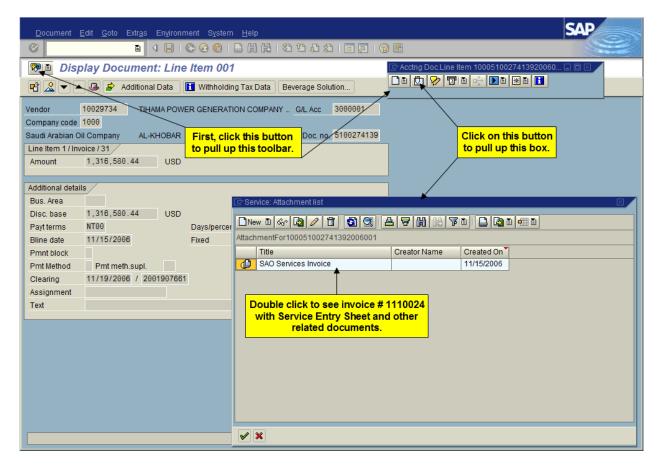
TIHAMA POWER PRIOR PERIOD ADJUSTMENTS, LATE **SUBJECT**

PAYMENT FEES AND DISPUTED PAYMENTS

GENERAL INSTRUCTION NO. 287.002-1 **ISSUE DATE REPLACES** 10-01-2010 NEW **APPROVAL** PAGE NO. **RAK** 10 of 13

APPENDIX B -LATE PAYMENTS (con't)

Invoice Display:



Scanned invoice copies are attached to invoice transaction in the system as outlined above.

The scanned image is provided on the following page.

GENERAL INSTRUCTION MANUAL

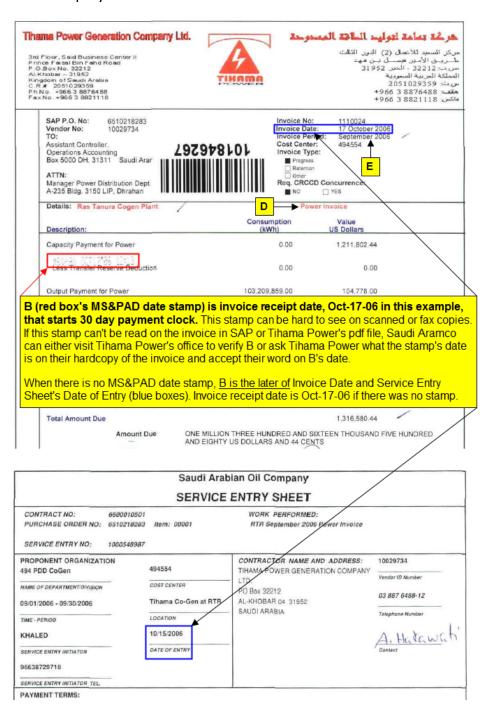
ISSUING ORG. ACCOUNTING POLICIES & SYSTEMS DEPARTMENT

SUBJECT TIHAMA POWER PRIOR PERIOD ADJUSTMENTS, LATE PAYMENT FEES AND DISPUTED PAYMENTS

GENERAL INSTRUCTION NO.				
287.002-1				
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APPENDIX B -LATE PAYMENTS (con't)

Scanned Invoice Display:



Scanned invoice copies and SES documents are easily accessed in the event TPGC documentation is incomplete and/or illegible.

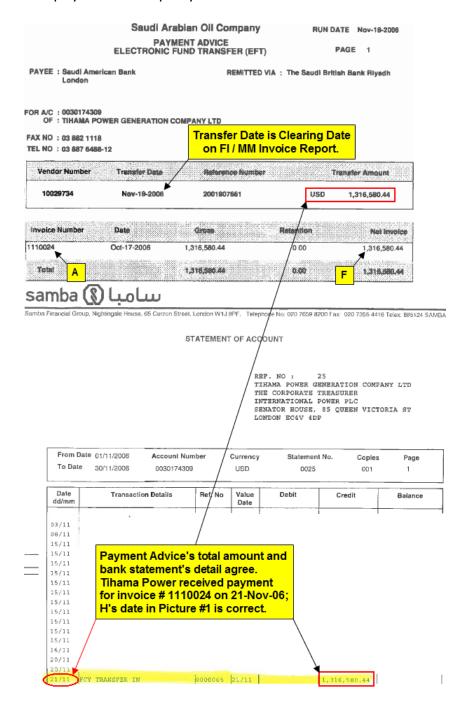
SAUDI ARABIAN OIL COMPANY (Saudi Aramco) GENERAL INSTRUCTION MANUAL ISSUING ORG. ACCOUNTING POLICIES & SYSTEMS DEPARTMENT GENERAL INSTRUCTION NO. 287.002-1 ISSUE DATE 10.01.2010 NEW

SUBJECT THAMA POWER PRIOR PERIOD ADJUSTMENTS, LATE

PAYMENT FEES AND DISPUTED PAYMENTS

APPENDIX C - PAYMENT VALIDATION

TPGC Settlement System, Agreed Procedure #10, Section 5.8, Invoices/SESs for Late Payment Fees, identifies the TPGC bank statement as the source document for validating payment dates. The following example illustrates a timing difference between the system payment date and payment receipt by TPGC.



GENERAL INSTRUCTION MANUAL

ACCOUNTING POLICIES & SYSTEMS DEPARTMENT ISSUING ORG.

TIHAMA POWER PRIOR PERIOD ADJUSTMENTS, LATE **SUBJECT** PAYMENT FEES AND DISPUTED PAYMENTS

GENERAL INSTRUCTION NO. 287.002-1 ISSUE DATE REPLACES 10-01-2010 NEW **APPROVAL** PAGE NO. **RAK** 13 of 13

APPENDIX D - ESCROW ACCOUNTS

Madair London WASEPF Tal: 020 7659 8200 Swift SAMBGEL Tries: 855134 SAMBA LG ... Pay: 000 7355 4416

Bamba Financial Group
London Branch

Naghangala House
85 Curron Stream
Magain London 1973 804

Again a
Magain London 1973 804

File Control Stream

File Control

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سايلىر القان ديليو ۱ جاي 4 بي أن ھاللىد ١٣٠٠ بەكەر ٢٠٠ سريفت: إس إيه إدرين دين من ٢ إل

FAO: Abd Allatif A. Al-Othman - Senior Vice President Finance

06 May 2008

Dear Mr Al-Othman,

We are pleased to inform you that as per your request, we have opened the following accounts in the name of:

SAMBA LONDON RE SAUDI ARAMCO AND TIHAMA ESCROW TRUST ACCOUNT

A/C # 50174932 USD JU'AYMAH DISPUTE ESCROW ACCOUNT

A/C # 50174940 USD UTHMANIYAH DISPUTE ESCROW ACCOUNT

A/C # 50174959 USD RAS TANURA DISPUTE ESCROW ACCOUNT

A/C # 50174967 USD SHEDGUM DISPUTE ESCROW ACCOUNT

We would like to express our appreciation for having the opportunity to serve your Banking needs and look forward to a good and mutually beneficial relationship.

Please be assured of our utmost attention at all times and if we can be of assistance to you, please do not hesitate to contact the undersigned.

Yours sincerely

Deana Cobbing Senior Manager

Samba Financial Group - London

مجموعة مناهمة فركة مناصبة سنويهة بأس ليل ١٠٠٠ تامين زيال سنودي، السجل النجاري ١٠٠٠-١٠٠٠ ليزغز الرئيسي الرياض مرب ٥٢٢ ويناض الادا الملكة الدريية السجل المباري ١٠٠٠-١٠٠٠ ليزغز الرئيسي الرياض الادارات الملكة الدريية المساودية ال مسيكة في المطار الرقم الطرع ب ر ١٧٨٨ - ٠ مدر عالم بن قبل فينة القدمان الدائمة ومعدد الدائم Authorised and Regulated by the Financial Services Authority

*CHANGE

** ADDITION

NEW INSTRUCTION X

COMPLETE REVISION