



National Electric Power Regulatory Authority Islamic Republic of Pakistan

2nd Floor, OPF Building, G-5/2, Islamabad.
Ph : 9220902, 9207200 & 9206500, Fax : 9210215
URL: www.nepra.org.pk
E-Mail : info@nepra.org.pk, office@nepra.isb.sdnpk.org

No.NEPRA/TRF-30/FESCO-2003/REVIEW/11924-7
Dated: October 22nd, 2004

Subject: **Determination of Tariff in respect of Review Motion/Petition filed on 22nd June, 2004 by M/s. Faisalabad Electric Supply Co. Ltd. (FESCO) (Case No. NEPRA/TRF-30/FESCO-2003).**

My dear Secretary,

Please find enclosed the Final Order of the Authority (09 pages) with schedule of Tariff (03 pages) and Terms and Conditions (11 pages) on the Review Motion Dated 21st June, 2004 filed by M/s FESCO in Case No. NEPRA/TRF-30/FESCO-2003. Detailed Determination on the subject would follow.

2. The Final Order along with schedule of tariff and Terms and Conditions (23 pages in all) is being intimated to the Federal Government for the purpose of notification of the approved tariff in the official gazette pursuant to Section 31(4) of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997) and Rule 16(11) of the National Electric Power Regulatory Authority Tariff (Standards and Procedure) Rules, 1998.
3. The new schedule will be applicable to the consumers within the territorial jurisdiction of FESCO.

DA/As above.

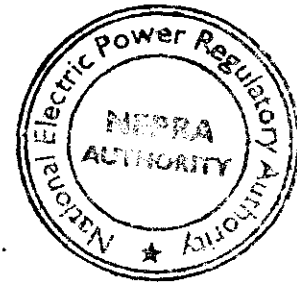
Yours sincerely,

Lt Gen (R) Saeed uz Zafar

The Secretary,
Cabinet Division,
Government of Pakistan
Cabinet Secretariat,
Islamabad

CC:

1. Secretary, Ministry of Water & Power, Islamabad.
2. Secretary, Ministry of Finance, Islamabad.
3. Secretary, Privatization Commission, Islamabad.



October 22, 2004

NATIONAL ELECTRIC POWER REGULATORY AUTHORITY

Case No. NEPRA/TRF-30/FESCO-2003

In the matter of Determination on the Review motion filed by Faisalabad Electric Supply Company (FESCO) on June 22, 2004 pursuant to sub-rule 6 of Rule 16 of Tariff Standards and Procedure Rules 1998.

The Authority has considered the Review motion and the relevant arguments and evidence presented by various interested persons. Based on these written submissions and the hearing proceedings the Authority decides to issue the attached "Final Order" in the matter. The "Final Order" be sent to the Federal Government for notification in the official gazette under Section 31(4) of the NEPRA Act and Rule 16(11) of the Tariff Standards and Procedure Rules 1998.

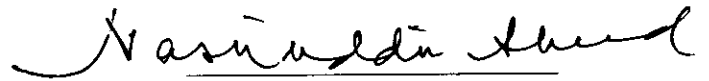
Detailed determination of the Authority in the matter will follow.

Authority

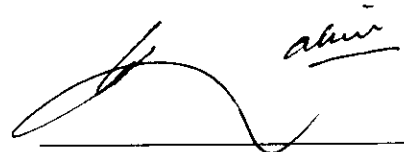
Fazlullah Qureshi
Member



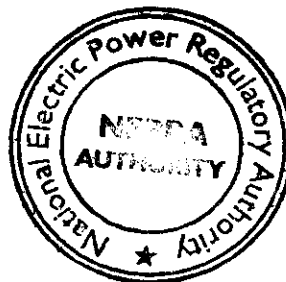
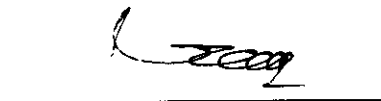
Nasiruddin Ahmed
Member



Abdul Rahim Khan
Member



Lt. General (R) Saeed uz Zafar
Chairman



**Final Order of the Authority
In
Case No. NEPRA/TRF-30/FESCO-2003**

- (I) FESCO is allowed to charge its consumers such tariff as is indicated in the schedule of tariff for FESCO annexed as Annex-A.
- (II) For a period of five years commencing from 1st July 2004, the consumer end tariff shall be capped at the level determined in (I) above subject to the variation allowed due to the following adjustments whichever are applicable at the time of adjustment and aggregated together.
- (i) Biannual adjustment of tariff on account of variation in power purchase price according to the mechanism/formula prescribed as under:

The target of losses for the years 05, 06, 07, 08 and 09 as year 1, 2, 3, 4 and 5 have been set as 14.5%, 13.5%, 12.5%, 11.5% and 10.5%. The indexation factors to vary the consumer end tariff on account of variation in Power Purchase Price shall be:

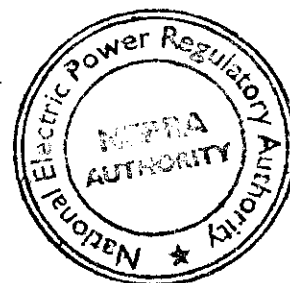
Midyear variation during year 1 effective 1 st January 2005	$\Delta PP_{1.1} = \frac{PPa_{1.1} - PPe_{1.1}}{0.8900}$
Annual variation end of year 1 effective 1 st July 2005	$\Delta PP_1 = \frac{PPa_1 - PPe_1}{0.8550} - \Delta PP_{1.1}$
Midyear variation for year 2 effective 1 st January 2006	$\Delta PP_{2.1} = \frac{PPa_{2.1} - PPa_{1.1}}{0.9245}$
Annual variation for year 2 effective 1 st July 2006	$\Delta PP_2 = \frac{PPa_2 - PPa_1}{0.9574} - \Delta PP_{2.1}$
Midyear variation for year 3 effective 1 st January 2007	$\Delta PP_{3.1} = \frac{PPa_{3.1} - PPa_{2.1}}{0.9323}$

Handwritten signature

1/9

*-1-
23*

1



1/9

Annual variation for year 3 effective 1 st July 2007	$\Delta PP_3 = \frac{PPa_3 - PPa_2}{0.8702} - \Delta PP_{3,1}$
Midyear variation for year 4 effective 1 st January 2008	$\Delta PP_{4,1} = \frac{PPa_{4,1} - PPa_{3,1}}{0.9401}$
Annual variation for year 4 effective 1 st July 2008	$\Delta PP_4 = \frac{PPa_4 - PPa_3}{0.8830} - \Delta PP_{4,1}$
Midyear variation for year 5 effective 1 st January 2009	$\Delta PP_{5,1} = \frac{PPa_{5,1} - PP_{4,1}}{0.9480}$
Annual variation for year 5 effective 1 st July 2009	$\Delta PP_5 = \frac{PPa_5 - PPa_4}{0.8957} - \Delta PP_{5,1}$

Where:

$PPe_{1,1}$ is the estimated weighted average power purchase price for the duration of first half of year 1, which is Rs.2.5722 per kWh purchased,

PPe_1 is the estimated weighted average power purchase price for the duration of year 1, which is Rs.2.8062 per kWh purchased,

$PPa_{1,1}$ is the actual weighted average power purchase price for the duration of first half of year 1,

PPa_1 be the actual weighted average power purchase price for the duration of year 1,

$PPe_{2,1}$, PPe_2 , $PPa_{2,1}$, and PPa_2 would denote the same parameters as above for the year 2. Suffix for the Year as 1, 2, 3, 4, 5 would indicate the successive years of the 5 year period starting from year 1

Average sale rate on 1st November 2004 R_{t0} will be considered as Rs 3.7242/kWh

Average sale rate on 1st January 2005 will be $R_{t_{1,1}} = R_{t_0} \pm \Delta PP_{1,1}$

Average sale rate on 1st July 2005 will be $R_{t_2} = R_{t_{1,1}} \pm \Delta PP_1$

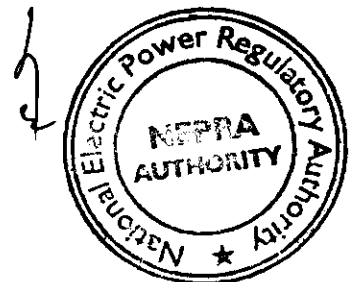
Average sale rate on 1st January 2006 will be $R_{t_{2,1}} = R_{t_1} \pm \Delta PP_{2,1}$

Average sale rate on 1st July 2006 will be $R_{t_3} = R_{t_{2,1}} \pm \Delta PP_2$

Average sale rate on 1st January 2007 will be $R_{t_{3,1}} = R_{t_2} \pm \Delta PP_{3,1}$

Average sale rate on 1st July 2007 will be $R_{t_4} = R_{t_{3,1}} \pm \Delta PP_3$

2/19



2/9

2/23

[Handwritten signature]

Average sale rate on 1st January 2008 will be $Rt_{4,1} = Rt_3 \pm \Delta PP_{4,1}$

Average sale rate on 1st July 2008 will be $Rt_5 = Rt_{4,1} \pm \Delta PP_4$

Average sale rate on 1st January 2009 will be $Rt_{5,1} = Rt_4 \pm \Delta PP_{5,1}$

Average sale rate on 1st July 2009 will be $Rt_6 = Rt_{5,1} \pm \Delta PP_5$

± indicates the positive or negative variation depending whether there is an increase or decrease in the weighted average Power Purchase price during the period under review.

Rate on 1st July 2009 will be re-fixed for the next multi- year period and the effect of any cost variation due to variation in PPP

leftover during the year 5 i.e. $\Delta PP_5 = \frac{PPa_5 - PPa_4}{0.8957} - \Delta PP_{5,1}$ shall

be taken into consideration while re-fixing the tariff for the next Multi-Year period.

- (ii) Annual CPI-X adjustment on account of inflation according to mechanism/formula prescribed as under:

The break-up of Average Sales Rate attributable to various elements of the assessed revenue requirement during FY 05 is as under:-

#	Description	Paisa / kWh
1.	Power Purchase Price (PPP)/(1-L)*	328.2072
3.	Operation and Maintenance (O&M)	37.4005
4.	Return on Rate Base (RORB)	10.6699
5.	Depreciation	8.6096
6.	Amortization of Deferred Credit	(3.3839)
7.	Other income	(9.0785)
	Average Sales Rate	372.4248

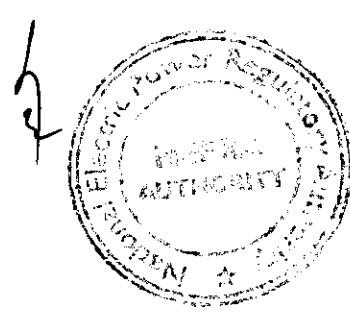
* L = % Losses for year 1 of the control period = 14.5%

Indexation / Adjustment on account of Inflation

Indexation will be applied to O&M part of sale rate (TO&M), which for the year FY 05 is determined as 37.4005

[Handwritten signature]

$\frac{3}{9}$
 $\frac{3}{23}$



$\frac{3}{9}$

paisa/kWh sold. The TO&M will be indexed every year with the factor (CPI - X) to arrive at the adjustment required.

The TO&M will be indexed according to the following formula.

$$TO\&M_1 = TO\&M_0 * [1+(CPI - X)]$$

Where:

TO&M₀ is the TO&M for the previous year,

TO&M₁ is TO&M for the new year,

For indexation the TO&M for the previous year will become the reference for current year.

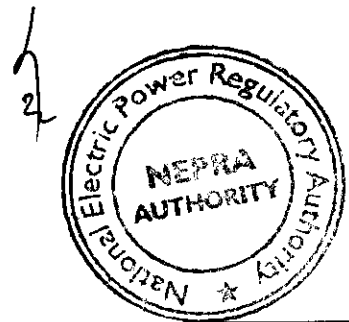
TO&M for the initial year FY 05 will be 37.4005 paisa per kWh.

CPI is the percentage change (over previous period) in Consumer Price Index as notified by the Federal Bureau of Statistics (FBS), Government of Pakistan. The first such adjustment will be made on 01/07/2005 based on the CPI as of March 05 over March 04.

X is the efficiency factor specified as 2, 3, 3 and 4 percent for the years FY 06, 07, 08 and 09 respectively.

The annual adjustment on account of (i) and (ii) above shall normally be made in the month of July whereas the midyear adjustment for (i) will normally be made in the month of January. FESCO will submit its calculation for midyear adjustment in sale rate due to variation in PPP by 10th of January of the financial year and for annual adjustment in average sale rate due to variation in PPP and CPI by 10th of July each year along with the proposed adjustment in consumer class rate. The Authority will determine the revised tariff within one week of receipt of information from FESCO. The variation in average sale rate

4/9
23



will be distributed between the various consumer classes such that cross subsidization is minimized as far as possible.

- (iii) Tariff attributable to the return on sale rate TRN i.e. paisa 10.6699/kWh for FY 05 shall be adjusted ex-post for the FY 05, 06 and 07 on 1st July, 2007 and 1st July, 2008 and ex-ante for the FY 08 and FY 09 on or before 1st July 2008 in the following manner:

$$TRNa_5 = 10.6699 \times \frac{RABa_5}{7017}$$

$$TRNa_6 = TRN_5 \times \frac{RABa_6}{RABa_5}$$

$$TRNa_7 = TRN_6 \times \frac{RABa_7}{RABa_6}$$

$$TRNe_8 = TRN_7 \times \frac{RABe_8}{RABa_7}$$

$$TRNe_9 = TRN_8 \times \frac{RABe_9}{RABe_8}$$

Where:

TRNa5, TRNa6 and TRNa7 denote the respective adjusted TRN for FY 05, 06 and 07.

RABa5, RABa6 and RABa7 indicate the respective actual average regulatory asset base for the FY 05, 06 and 07.

RABe8 and RABe9 indicate the estimated average regulatory asset base for the financial years 08 and 09 based on revised investment plan modified on or before 1st July, 2008.

The Regulatory Asset Base for FY 05 (RABs) would be the average of beginning and closing RAB for determining the return part of the tariff for FY 05. The beginning and closing

5/9

5/23



RAB for FY 05 is Rs.6,796 million and Rs.7,238 million(estimated) respectively that gives an average estimated RAB as Rs.7,017 million. The RAB would be determined according to the following formula:

$$\text{RAB} = \text{GFAIO}_b + \text{TCWIP} - \text{CD} + \text{CCWIP} - \text{DC}$$

Where:

GFAIO_b is gross fixed assets in operation at the beginning of the year.

TCWIP is transfer of assets into operation from Capital Work in Progress.

CD is cumulative depreciation

CCWIP is closing Capital Work in Progress

DC is deferred credit.

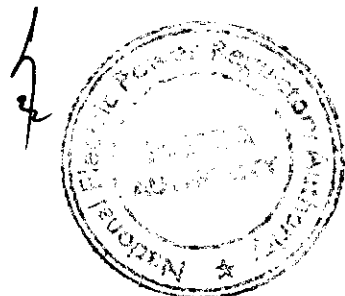
FESCO shall submit to the Authority a modified investment plan on 1st July, 2006 or 12 months after privatization (date of handing over of FESCO to the new management), whichever is later. The revised investment plan shall contain a year wise justification of the investment proposed separately for the following activities;

- i) System improvement to meet the performance standards as laid down by the Authority.
- ii) System capacity expansion to meet load growth and consumer base increase.
- iii) System rehabilitation/improvement for achieving efficiency in the context of energy loss reduction.

On the approval of revised investment plan by the Authority, FESCO will be allowed to carryout investment accordingly. Actual adjustment in tariff will be allowed ex-post on FESCO's demonstrations and due verification of actual investment prudently carried out and submission of

6/9

6/23



6/9

the audited accounts for the financial year in which the investment is claimed. The new RAB for each of the years FY 05, 06 and 07 would be allowed according to the level approved ex-post by the Authority at the time of adjustments. The due adjustment upward or downward denied in a year will be indexed by the Weighted Average Cost of Capital (WACC) for the number of years that the adjustment has been denied. For example if the tariff adjustment for variation in RAB of year FY 05 is being allowed to be applied on 1st July, 2008 the adjustment would be indexed by $(1 + \text{WACC})^3$. The adjustments for FY 08 and FY 09 will be allowed ex-ante on or before 1st July, 2008 modified on the basis of revised approved investment programme and actual of the first three years of control period. Ex-post adjustment will be carried out for FY 08 and FY 09 while rebasing the tariff for the next control period on the same principle as that of ex-post adjustment for FY 05, FY 06 and FY 07.

- (iv) The tariff attributable to the depreciation (TD) for FY 05 is paisa 8.6096/kWh. TD shall be adjusted ex-post on 1st July, 2007 and 1st July, 2008 in the following manner:

$$TDa_5 = 8.6096 \times \frac{GFAIOa_5}{16349}$$

$$TDa_6 = TDa_5 \times \frac{GFAIOa_6}{GFAIOa_5}$$

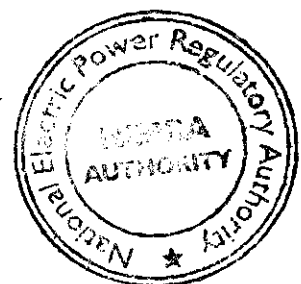
$$TDa_7 = TDa_6 \times \frac{GFAIOa_7}{GFAIOa_6}$$

$$TDe_8 = TDa_7 \times \frac{GFAIOe_8}{GFAIOa_7}$$

$$TDe_9 = TDe_8 \times \frac{GFAIOe_9}{GFAIOe_8}$$

7/9

7/23



7/9

Where:

TDa5, TDa6 and TDa7 denote the TD for the respective years FY 05, 06 and 07 based upon annual audited accounts of FY 05, 06 and 07.

GFAIOa5, GFAIOa6 and GFAIOa7 indicate the respective actual average Gross Fixed Assets in Operation as per the annual audited accounts for the year 05, 06 and 07.

GFAIOe8 and GFAIOe9 indicate the respective estimated average Gross Fixed Assets for the years 08 and 09.

- III. Any tariff adjustment determined by the Authority in accordance with II (i), (ii), (iii) and (iv) above shall be deemed to have been notified by the Federal Government on the publication of this order in the official gazette.
- IV. The terms and conditions related to the schedule of tariff shall be those as attached to this determination as Annex-B.
- V. FESCO is allowed to charge the users of its system a use of system charge (UOSC) equal to:

- a) Where only 132kV system is involved:

$$UOSC = \frac{DM \times (1-L)}{(1-0.04)} \text{ paisa / kWh}$$

- (b) Where only 11 kV distribution System is involved:

$$UOSC = \frac{DM \times (1-L)}{(1-0.06)} \text{ paisa / kWh}$$

- (c) Where both 132 kV system and 11 kW distribution system is involved:

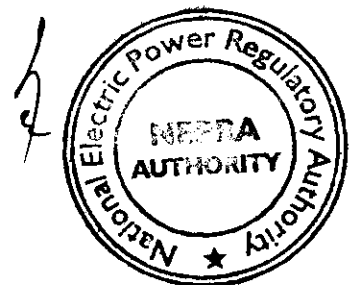
$$UOSC = \frac{DM \times (1-L)}{(1-0.10)} \text{ paisa / kWh}$$

Where Distribution charge is set as paisa/kWh and would be considered as the Distribution charge adjusted for each year on

8/9

[Handwritten initials]

8/23

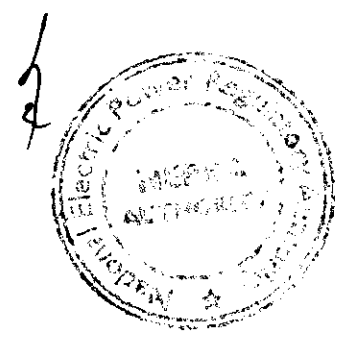


account of allowed indexation. DM for the year FY 05 is paisa 44.1358/kWh. L will be the overall percentage losses target for the year as 14.5%, 13.5%, 12.5%, 11.5% and 10.5% for the respective years FY 05, 06, 07, 08 and 09.

- VI. The tariff set out as per Annex-A and terms and conditions Annex-B related to the proposed tariff, and the mechanisms for adjustment of average sale rate on account of variation in power purchase price, inflation and adjustment for return on rate base and depreciation as prescribed in this determination be sent to the Federal Government for notification under Section 31(4) of the Act.
-

[Handwritten signature]

$\frac{9}{23}$



9/9

**SCHEDULE OF ELECTRICITY TARIFFS
FOR RAISALABAD ELECTRIC SUPPLY COMPANY (RSESCO)**

A-1 GENERAL SUPPLY TARIFF - RESIDENTIAL

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	
			Peak	Off-Peak
a)	For Peak load requirement up to 20 kW			
i	Up to 50 Units	-		1.40
	For Consumption exceeding 50 Units			
ii	For first 100 Units	-		2.57
iii	For next 200 Units	-		3.47
iv	Above 300 Units	-		5.50
b)	For peak load requirement exceeding 20 kW			
	i) Two-part Regular	150.00		2.75
			Peak	Off-Peak
	ii) Time Of Day (Optional)	150.00	4.00	2.25

Under this tariff, there shall be minimum monthly charges at the following rates even if no energy is consumed.

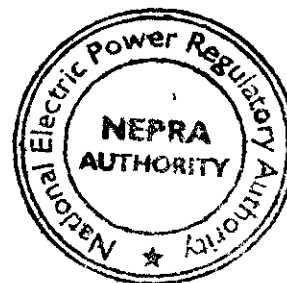
- a) Single Phase Connections: Rs. 45/-
b) Three Phase Connections: Rs. 100/-

A-2 GENERAL SUPPLY TARIFF - COMMERCIAL

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	
			Peak	Off-Peak
a)	For peak load requirement up to 20 kW			5.75
b)	For peak load requirement exceeding 20 kW			
	i) Regular	240.00		3.50
			Peak	Off-Peak
	ii) Time Of Day (Optional)	240.00	4.00	2.75

Under this tariff, there shall be minimum monthly charges at the following rates even if no energy is consumed.

- a) Single Phase Connections; Rs. 150 per month
b) Three Phase Connections: Rs. 300 per month



**SCHEDULE OF ELECTRICITY TARIFFS
FOR RAJSHAHI ELECTRIC SUPPLY COMPANY (RSECO)**

B - INDUSTRIAL SUPPLY TARIFF

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	
			Peak	Off-Peak
B1	UP TO 20 kW (at 400 Volts)	-		4.50
B2	21-500 kW (at 400 Volts)	330.00		3.25
B3	UP TO 5000 kW (at 11,33 kV) *	320.00		3.00
B4	For all Loads (at 66,132 kV) *	310.00		2.75
	Time Of Day			
B2	21-500 kW (at 400 Volts) (Optional) **	330.00	4.50	3.00
B3	UP TO 5000 kW (at 11,33 kV)	320.00	4.00	2.75
B4	For all Loads (at 66,132 kV)	310.00	3.50	2.50

Note: * Must be converted to Time of Day Tariff.

** Must be converted to TOD tariff by 30th June, 2007.

For the B1 consumers there shall be minimum monthly charges of Rs. 70 per kW per month of sanctioned load in case the consumer does not consume any energy.

FOR SANCTIONED LOADS SUPPLIED UNDER THIS TARIFF IN BIDDING, ADMINISTRATION, COLLECTION AND RELATED LOADS CONSUMPTION SHALL BE CALLED IN ANY OTHER CONSUMING CLASS.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	
			Peak	Off-Peak
C -1	For supply at 400/230 Volts			
a)	Peak load requirement up to 20 kW	-		4.50
b)	Peak load requirement above 20 kW	240.00		3.75
C -2	For supply at 11,33 kV	235.00		3.50
C -3	For supply at 66,132 kV (For all loads)	230.00		3.25
	Time-Of-Day (Optional) *			
C -1(b)	For supply at 400/230 Volts	240.00	4.25	3.25
C -2	For supply at 11,33 kV	235.00	4.00	3.00
C -3	For supply at 66,132 kV (For all loads)	230.00	3.75	2.75

* Supply under tariff C shall be converted to TOD tariff by 30th June 2007.

D - AGRICULTURE TARIFF

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	
			Peak	Off-Peak
D-1	SCARP	-		4.75
D-2	Agricultural Tube Wells	70.00		2.75

The fixed charges under this tariff shall be recovered on the basis of sanctioned load in kilowatt.



[Handwritten signature]

11/23

**SCHEDULE OF ELECTRICITY TARIFFS
FOR FAISALABAD ELECTRIC SUPPLY COMPANY (FESCO)**

E - TEMPORARY SUPPLY TARIFFS

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh
E-1(i)	Residential Supply	-	5.50
E-1(ii)	Commercial Supply	-	5.50
E-2	Industrial Supply	-	4.50

For the categories of E-1(i&ii) above, the minimum bill of the consumers shall be Rs. 50/- per day subject to a minimum of Rs.500/- for the entire period of supply, even if no energy is consumed.

F - SEASONAL INDUSTRIAL SUPPLY TARIFF

125% of relevant industrial tariff

Note:

Tariff-F consumers will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of a new connection or at the beginning of the season. Once exercised, the option remains in force for at least one year.

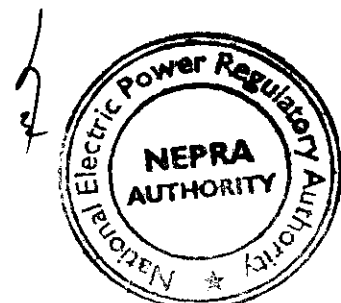
G - PUBLIC LIGHTING

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh
	Street Lighting		6.00

There shall be a minimum monthly charge of Rs.500/- per month per kW of lamp capacity installed.

H - INDUSTRIAL COLONIES ATTACHED TO INDUSTRIAL PREMISES

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh
	Residential Colonies attached to industrial premises	-	5.75



TERMS AND CONDITIONS

(FOR SUPPLY OF POWER TO CONSUMERS)

PART - I

GENERAL DEFINITIONS

1. The Company, for the purposes of these terms and conditions means Faisalabad Electric Supply Company (FESCO) engaged in the business of distribution of electricity within the territory mentioned in the licence granted to it for this purpose.
2. "Month", unless otherwise defined for any particular tariff category, means a billing month of 30 days or less reckoned from the date of last meter reading.
3. "Minimum Charge", means a charge to recover the costs for providing service to consumers even if no energy is consumed during the month.
4. "Fixed Charge" means the part of sale rate in a two part tariff to be recovered on the basis of "Billing Demand" in kilowatt on monthly basis.
5. "Variable Charge" means the sale rate per kilowatt-hour as a single rate or part of a two-part tariff applicable to the actual units consumed by the consumer during a billing period.
6. "Maximum Demand" where applicable, means the maximum of the demand obtained in any month measured over successive periods each of 30 minutes duration except in the case of consumption related to Arc Furnaces where "Maximum Demand" means the maximum of the demand obtained in any month measured over successive periods each of 15 minutes duration.
7. "Sanctioned Load" where applicable means the installed load in kilowatt as applied for by the consumer and allowed/authorized by the Company for usage by the consumer.
8. "Power Factor" where applicable means the ratio expressed as a percentage of the kilowatt-hours to the kilovolt ampere-hours consumed during the month. Power Factor shall be the ratio of kWh to kVAh recorded during the month or the ratio of kWh to the square root of sum of square of kWh and kVARh, i.e.

$$P.F = \frac{kWh}{kVAh} = \frac{kWh}{\sqrt{(kWh)^2 + (kVARh)^2}}$$

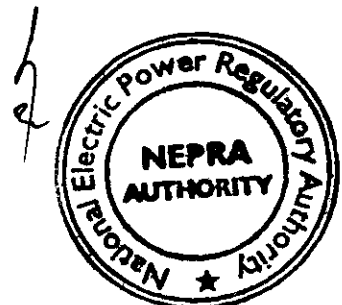
9. Peak and Off Peak hours for the application of Time Of Day (TOD) Tariff shall be the following timings:

<u>DURATION</u>	<u>PEAK TIMING</u>	<u>OFF-PEAK TIMING</u>
Dec to Feb (inclusive)	5 PM to 9 PM	Remaining 20 hours of the day
Mar to May (inclusive)	6 PM to 10 PM	-do-
Jun to Aug (inclusive)	7 PM to 11 PM	-do-
Sept to Nov (inclusive)	6 PM to 10 PM	-do

1/11

1/11

13/23



P

10. NTDC means the National Transmission and Dispatch Company.
11. The Authority means National Electric Power Regulatory Authority (NEPRA) constituted under the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

GENERAL CONDITIONS

Surcharge For Part Payment Or Late Payment Of Electricity Bills

“The Company shall, ordinarily, render bills to the consumers on a monthly basis for payment by the due date. The company shall ensure that bills are delivered to consumers at least seven days before the due date. If any bill is not paid by the consumer in full within the due date, a Late Payment Surcharge of 10% (ten percent) shall be levied on the amount billed excluding Govt. tax and duties etc.

PART – II

(Definitions and Conditions for supply of power specific to each consumer category)

A. GENERAL SUPPLY

Definitions and General Conditions

“General Supply”, for the application of this Tariff, means a supply for single-phase/three-phase appliances inclusive of both general and motive loads subject to the following:

1. Single-Phase supply shall be given for loads up to 4 kW of sanctioned load.
2. In premises having a connected or sanctioned load exceeding 4 kilowatts supply shall be given at 3-phase 400 volts and above to allow a balanced distribution of load on the three phases.
3. In the event of a bill being rendered for consumption accumulated over a number of months, the average monthly consumption of the consumer, for the purpose of application of the notified rates shall be determined, by dividing the total consumption by the number of months to which the accumulated consumption relates.
4. The supply under this Tariff shall not be available for resale.

A-1 RESIDENTIAL

Special Conditions Of Supply

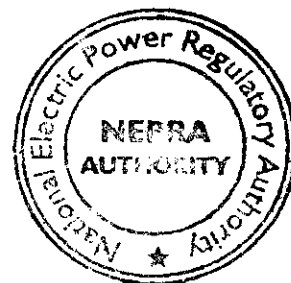
1. This Tariff is applicable for supply to residences, places of worship, approved religious and charitable institutions; and Government-sponsored educational institutions, educational institutions set up under public/private partnership, hospitals and dispensaries, etc., where,

[Handwritten signature]

2/11

14/23

[Handwritten signature]



[Handwritten mark]

“Charitable Institution” for the purpose of application of this Tariff, is an institution, which works for the general welfare of the public on no profit basis and is registered with the Federal or Financial Government as such.

2. The General Supply consumers governed by tariff A-1 having peak load requirement exceeding 20 kW shall have the option to convert to a two-part Time Of Day (T.O.D) Tariff as A-1(b).

A-2 COMMERCIAL

Special Conditions Of Supply

1. This tariff is applicable, for supply to all government and semi government offices and institutions, commercial offices and commercial establishments such as Shops, Hotels, Restaurants, Petrol Pumps, Service Stations, compressed natural gas filling stations, Private Hospitals, Clinics, Dispensaries, places of Entertainment like Cinemas, Theaters and Clubs; Rest Houses and Government Lodges, Private Educational Institutions, office of Lawyers, Solicitors, Law Associates and Consultants etc.
2. For consumers having peak load requirement of up to 20 kW and below, supply to three phase, 400 volts compressor and pump motors of the air conditioning equipment installed in centrally air conditioned premises and other three-phase, 400 volts apparatus of general utility in the premises mentioned above under this Tariff, shall be governed by the Industrial Tariff B-1. This condition shall not apply to consumers having a peak load requirement in excess of 20 kW.
3. Supply to motors operating projectors and sound apparatus in cinemas shall be charged at the Industrial Tariff B-1.
4. The General Supply consumers governed by tariff A-2 having peak load requirement exceeding 20 kW shall have the option to convert to a two-part Time Of Day (T.O.D) Tariff as A-2(c).

B INDUSTRIAL SUPPLY

General Definitions

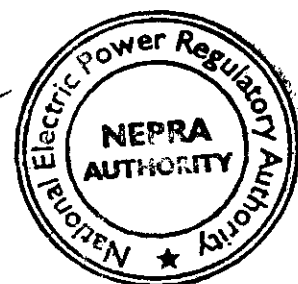
1. “Industrial Supply”, means a supply for bona fide industrial purposes in factories including the supply required for the offices and for normal working of the industry and also for water pumps and tube-wells operating on three phase 400 volts, other than those meant for the irrigation or reclamation of agricultural land.
2. For the purposes of application of this tariff an “Industry” means a bona fide undertaking or establishment engaged in manufacturing and/or processing of goods.

General Conditions

This Tariff shall be applicable subject to the following conditions:

3/11

15/23



- i) Where applicable, the average Power Factor of a consumer at the point of supply shall not be less than 90 percent. In the event of the said Power factor falling below 90 percent, the consumer shall pay a penalty of two percent increase in the fixed charges corresponding to one percent decrease in the power factor below 90 percent. The fixed charges for the purpose of calculating the penalty for low power factor shall, however, be determined with reference to maximum demand during the month.
- ii) An industrial consumer shall have the option, to switch over to seasonal tariff-F, provided his connection is seasonal in nature as defined under tariff-F, and he undertakes to abide by the terms and conditions of tariff-F and pays the difference of security deposit rates previously deposited and those applicable to tariff-F at the time of acceptance of option for seasonal tariff. Seasonal tariff will be applicable from the date of commencement of the season, as specified by the customers at the time of submitting the option for Tariff-F. Tariff-F consumers will have the option to convert to corresponding Regular industrial Tariff category and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.
- iii) The supply under this Tariff shall not be available for resale.

B – 1 SUPPLY AT 400 VOLTS THREE-PHASE AND/OR 230 VOLTS SINGLE PHASE

Special Conditions

1. This tariff is applicable for supply to Industries having sanctioned load up to and including 20 kilowatts.
2. The supply at one point under this Tariff shall also be available to Poultry Farms, Hatcheries and Breeding Farms.

B – 2 SUPPLY AT 400 VOLTS

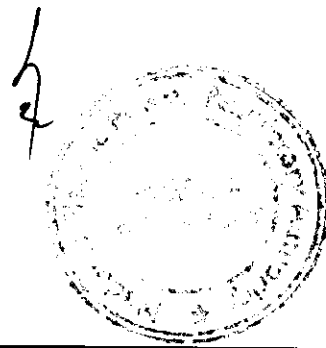
Special Conditions

1. This tariff is applicable for supply to Industries having sanctioned load from 21 to 500 kW.
2. The supply under this tariff shall also be available to Poultry Farms, Hatcheries and Breeding Farms.

V

4/11

16/23



Q

3. The Industrial consumers governed by tariff B-2 shall have the option to convert to a two-part Time Of Day (T.O.D) Tariff.

B-3 SUPPLY AT 11 kV AND 33 kV

Special Conditions Of Supply

1. This tariff is applicable for supply to Industries having sanctioned load up to 5000 kW.
2. If for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the remaining cost of service connection shall be regulated by the NEPRA eligibility criteria. In case of supply through an independent feeder drawn directly from the Grid Station, the cost of outgoing 11 kV Circuit Breakers in the Grid Station as a dedicated system under the eligibility criteria shall also have to be paid for by the prospective consumer.
4. All industrial supply consumers governed by Tariff B-3 shall be converted to two-part Time Of Day (T.O.D) tariff.

B-4 SUPPLY AT 66 kV and Above

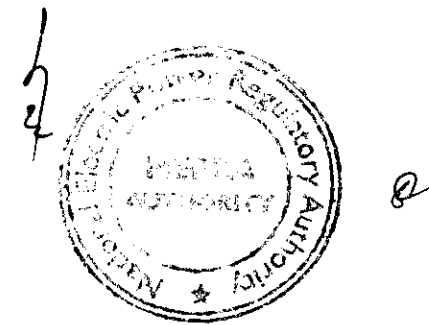
Special Conditions Of Supply

1. This tariff is applicable for supply to Industries for all loads.
2. If for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. In case the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus for receiving and controlling the supply, or, alternatively,

[Handwritten signature]

5/11

17/23



pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of remaining cost of service connection shall be regulated by NEPRA Eligibility Criteria.

4. All industrial supply consumers governed by Tariff B-4 shall be converted to two-part Time Of Day (T.O.D) tariff.

C SINGLE-POINT SUPPLY FOR; (a) PURCHASE IN BULK BY A DISTRIBUTION LICENSEE, (b) FOR SUPPLY TO MIX LOAD CONSUMERS NOT FALLING IN ANY OTHER CONSUMER CLASS

“Single-Point Supply” for the purpose of this Tariff, means a supply given at one point to a licensee for the purpose of further distribution within its respective exclusive territory and jurisdiction or to a mix load consumer such as embassies which do not fall under the definition of any other consumer categories A, B, D, E, F, G and H and are not reselling to any other consumer.

General Conditions

1. Average Power Factor of the consumer governed by this tariff, at the point of supply shall not be less than 90 percent. In the event of the said power factor falling below 90 percent, the consumer shall pay a penalty of two percent increase in the fixed charges corresponding to one percent decrease in the power factor below 90 percent.
2. If for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice will be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days the fixed charges shall be assessed on proportionate basis for actual number of days between the date of old reading and the new reading.

Single-Point Supply consumers governed by Tariff C having peak load requirement exceeding 20 kW shall have the option to convert to Time-of-Day (TOD) Tariff under the respective category.

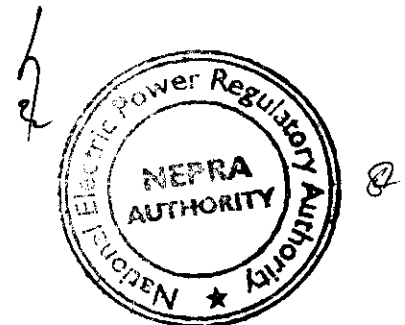
C-1 SUPPLY AT 400 VOLTS

Special Conditions

1. This Tariff is applicable to purchase of bulk supply at 400 volts having sanctioned load up to 500 kW.
2. The fixed charges for the purpose of this Tariff shall be recovered on the basis of monthly maximum demand in kilowatt recorded during the month and not on the basis of billing demand as in the case of industrial supply consumers.



6/11
18/23



3. Single-point supply consumers governed by Tariff C-1 shall be converted to two-part Time Of Day (T.O.D) tariff by June 30th 2007.

C-2 SUPPLY AT 11 kV AND 33 kV

Special Conditions Of Supply

1. This tariff is applicable to purchase of bulk supply at 11kV and 33kV for distribution licensees and having sanctioned load up to 5000 kW.
2. The fixed charges for the purpose of this Tariff shall be recovered on the basis of monthly maximum demand in kilowatt recorded during the month and not on the basis of billing demand as in the case of industrial supply consumers.
3. The supply under this Tariff shall not be available to a consumer unless he, provides, to the satisfaction and approval of the Company, his own Transformer, 11/33 kV Circuit Breakers and other necessary equipment for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the remaining cost of service connection shall be regulated by the Company's Abridged Conditions of Supply in force from time to time.
4. Single-point supply consumers governed by Tariff C-2 shall be converted to two-part Time Of Day (T.O.D) tariff by June 30th 2007.

C-3 SUPPLY AT 66 kV AND ABOVE

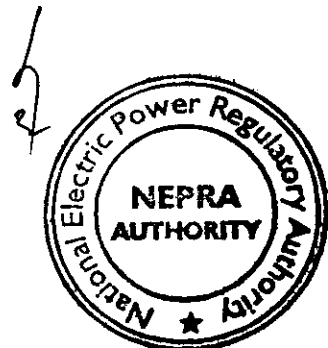
Special Conditions Of Supply

1. This Tariff is applicable to purchase of bulk supply at 66kV and above for distribution licensees and consumers having sanctioned load above 5000 kW.
2. The fixed charges for the purpose of this Tariff shall be recovered on the basis of monthly maximum demand in kilowatt recorded during the month and not on the basis of billing demand as in the case of industrial supply consumers.
3. In case the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of remaining cost of service connection shall be regulated by NEPRA Eligibility Criteria.
4. Single-point supply consumers governed by Tariff C-3 shall be converted to two-part Time Of Day (T.O.D) tariff by June 30th 2007.

[Handwritten signature]

7/11

19/23



D AGRICULTURAL SUPPLY

“Agricultural Supply” means a supply for Lift Irrigation Pumps and/or Tube-wells intended solely for irrigation or reclamation of agricultural land or forests, and include supply for lighting of the tube-well chamber.

Special Conditions Of Supply

1. This tariff shall apply to:
 - i) Reclamation and Drainage Scheme Tube-wells under Salinity Control and Reclamation Projects (SCARP),
 - ii) bonafide forests, agricultural tube-wells and lift irrigation pumps for the irrigation of agricultural land.
 - iii) Tube-wells meant for aqua-culture, viz. fish farms, fish hatcheries and fish nurseries.
 - iv) Tube-wells installed in a dairy farm meant for cultivating crops as fodder and for upkeep of cattle.
4. The fixed charges under this Tariff shall be recovered on the basis of sanctioned load in kilowatt.
5. The fixed charge will represent the minimum monthly charge under this Tariff even if no energy is consumed during a month.
6. If for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
7. The lamps and fans consumption in the residential quarters if any attached to the tube-wells shall be charged entirely under General Supply at Tariff A-1.
8. The supply under this Tariff shall not be available to consumer using pumps for the irrigation of parks, meadows, gardens, orchards, attached to and forming part of the residential, commercial or industrial premises in which case the corresponding General Supply Tariff A-1, A-2 or Industrial Tariff B-1, B-2 shall be respectively applicable.
9. The supply under this tariff shall not be available for resale.

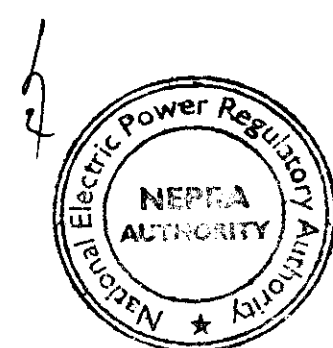
E – 1 TEMPORARY GENERAL SUPPLY

Temporary General Supply means a supply given to persons temporarily on special occasions such as ceremonial, religious gatherings, festivals, fairs, marriages and other civil or military functions. This also includes supply to touring cinemas and persons engaged in construction works for all kinds of single phase loads. For connected load exceeding 4 kW, supply may be given at 400 volts (3 phase) to allow a balanced distribution of load on the 3 phases. Normally, temporary connections shall be allowed

[Handwritten signature]

8/11

20/23



[Handwritten mark]

for a period of 3 months however this can be extended on three months basis subject to clearance of outstanding dues.

Special Conditions Of Supply

1. This tariff shall apply to Residential and Commercial consumers for temporary supply.
2. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.
3. The supply under this Tariff shall not be available for resale.

E 2 TEMPORARY INDUSTRIAL SUPPLY

“Temporary Industrial Supply” means a supply given to an Industry for the bonafide purposes mentioned under the respective definitions of “Industrial Supply”.

Special Conditions Of Supply

1. This Tariff is applicable to consumers who have been granted distribution licence for the purpose of further distribution within their respective jurisdiction.
2. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.
3. Normally, temporary connections shall be allowed for a period of 3 months, however this may be extended on three months basis subject to clearance of outstanding dues.
4. The supply under this Tariff shall not be available for sale.

F SEASONAL INDUSTRIAL SUPPLY

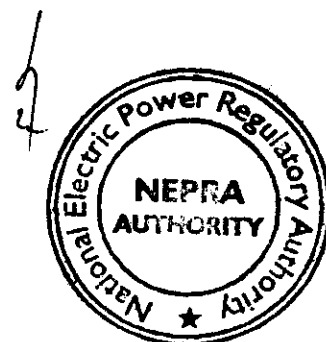
“Seasonal Industry” for the purpose of application of this Tariff, means an industry which works only for part of the year to meet demand for goods or services arising during a particular season of the year. However, any seasonal industry running in combination with one or more seasonal industries, against one connection, in a manner that the former works in one season while the latter works in the other season, thus running throughout the year, will not be classified as a seasonal industry for the purpose of the application of this Tariff.

Definitions

1. “Year” means any period comprising twelve consecutive months.
2. All “Definitions” and “Special Conditions of Supply” as laid down under the corresponding Industrial Tariffs shall also form part of this Tariff so far as they may be relevant.



9/11
21
23



8

Special Conditions Of Supply

1. This tariff is applicable to seasonal industry.
2. Fixed Charges per kilowatt per month under this tariff shall be levied at the rate of 125% of the corresponding regular Industrial Supply Tariff Rates and shall be recovered only for the period seasonal industry actually runs subject to minimum period of six consecutive months during any twelve consecutive months. The condition for recovery of Fixed Charges for a minimum period of six months shall not, however, apply to the seasonal industries, which are connected to the Company's Supply System for the first time during the course of a season.
3. The consumers falling within the purview of this Tariff shall have the option to change over to the corresponding Industrial Supply Tariff, provided they undertake to abide by all the conditions and restrictions, which may, from time to time, be prescribed as an integral part of those Tariffs. The consumers under this Tariff will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.
4. All seasonal loads shall be disconnected from the Company's Supply System at the end of the season, specified by the consumer at the time of getting connection, for which the supply is given. In case, however, a consumer requires running the non-seasonal part of his load (e.g., lights, fans, tube-wells, etc.) throughout the year, he shall have to bring out separate circuits for such load so as to enable installation of separate meters for each type of load and charging the same at the relevant Tariff.
5. Where a "Seasonal Supply" consumer does not come forward to have his seasonal industry re-connected with the Company's Supply System in any ensuing season, the service line and equipment belonging to the Company and installed at his premises shall be removed after expiry of 60 days of the date of commencement of the season previously specified by the consumer at the time of his obtaining new connection/re-connection. However, at least ten clear days notice in writing under registered post shall be necessary to be given to the consumer before removal of service line and equipment from his premises as aforesaid, to enable him to decide about the retention of connection or otherwise. No Supply Charges shall be recovered from a disconnected seasonal consumer for any season during which he does not come forward to have his seasonal industry re-connected with the Company's Supply System.

G PUBLIC LIGHTING SUPPLY

"Public Lighting Supply", means a supply for the purpose of illuminating public lamps.

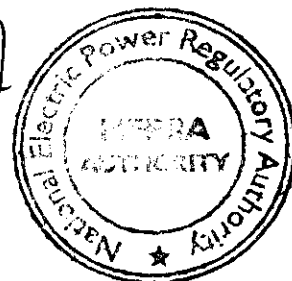
Definitions

"Month" means a calendar month or a part thereof in excess of 15 days.



10/11

22
23



Special Conditions Of Supply

The supply under this Tariff shall be used exclusively for public lighting.

H RESIDENTIAL COLONIES ATTACHED TO INDUSTRIES

This tariff is applicable for one point supply to residential colonies attached to the industrial supply consumers having their own distribution facilities.

Definitions

1. "One Point Supply", for the purpose of this Tariff, means the supply given at one point to Industrial Supply Consumers for general and domestic consumption in the residential colonies attached to their factory premises, for a load of 5 kilowatts and above, for the purpose of further distribution to various persons residing in the attached residential colonies and also for the purpose of perimeter lighting in the attached residential colonies.
2. "General and Domestic Consumption", for the purpose of this Tariff, means consumption for lamps, fans, domestic applications, including heaters, cookers, radiators, air-conditioners, refrigerators and domestic tube-wells.
3. "Residential Colony" attached to the Industrial Supply Consumer, means a group of houses annexed with the factory premises constructed solely for residential purpose of the bonafide employees of the factory, the establishment or the factory owners or partners, etc.

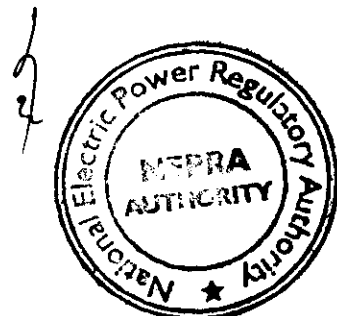
Special Conditions Of Supply

1. The supply under this Tariff shall not be available to persons who meet a part of their requirements from a separate source of supply at their premises.
2. The supply under this Tariff shall not be available for resale to any other person.



11/11

23
23



2


Dated April 13, 2004
Case No. NEPRA/TRF-30/FESCO-2003

DECISION OF THE AUTHORITY
REGARDING
EXTENSION OF ONE MONTH IN THE PERIOD FOR
DETERMINATION OF TARIFF PETITION FILED BY
FAISALABAD ELECTRIC SUPPLY COMPANY

We have considered the Case Officer's report on the petition filed by Faisalabad Electric Supply Company (FESCO) and his presentation containing study and analyses of the issues relating to tariff determination of FESCO. Certain issues regarding Power Purchase Price and sustainability of weak DISCOs have yet to be resolved. The tariff of National Transmission and Despatch Company has also yet not determined which will also have a bearing on consumer end tariff.

We therefore decide to extend the time for deciding / determination of the case by a further period of one month. The date of the determination consequently stands extended upto April 26, 2004.

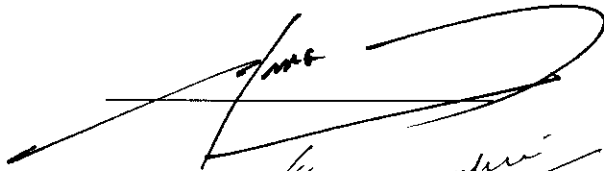
Mr. Fazlullah Qureshi
Member



Mr. Mansoor Elahi
Member



Sardar Muhammad Sharif Khan
Member



Mr. Abdul Rahim Khan
Member/Vice Chairman



Lt. Gen. (R) Saeed uz Zafar
Chairman



