

## National Electric Power Regulatory Authority

Islamic Republic of Pakistan

2nd Floor, OPF Building, G-5/2, Islamabad. Tel: 9207200,9205225 Fax: 9210215

E-mail: office@nepra.org.pk

No. NEPRA/R/TRF-50/SECL-2006/ 6391-93

10.08. 2006

Subject:

Corrigendum/Addendum - Decision in respect of Motion for Leave for Review filed under Rule 16(6) of Tariff Rules on 26 June, 2006 by Sapphire Electric Company Ltd. (SECL) (Case No. NEPRA/TRF-50/SECL-2006)

Dear Sir,

In continuation of this office letter No. NEPRA/R/TRF-50/SECL-2006/6261-63 dated August 3, 2006 whereby decision of the Authority in respect of Motion for Leave for Review filed by Sapphire Electric Company Ltd. was communicated, enclosed please find herewith following as corrigendum / addendum:

- Revised page 9 to be replaced with the page 9 sent vide Authority decision dated August 3, 2006.
- Add Debt Service Schedule.
- 2. Please note that only revised order of the Authority at para 18 of the decision relating to the reference tariff and allowed adjustments and indexation (07 pages) along with annex-I, II and Debt Service Schedule (03 pages) needs to be notified in the official Gazette. The revised order is reproduced for the purpose of clarity and is attached herewith.

#### DA/As above.

The Secretary
Cabinet Division
Government of Pakistan
Cabinet Secretariat
Islamabad



(Mahjoob Ahmad Mirza)

CC:

- 1. Secretary, Ministry of Water & Power, Islamabad.
- 2. Secretary, Ministry of Finance, Islamabad.

# ORDER OF THE AUTHORITY IN CASE NO. NEPRA/TRF-50/SECL-2006 TO BE NOTIFIED IN THE OFFICIAL GAZETTE

Pursuant to Rule 6 of the NEPRA Licensing (Generation) Rules 2000, Sapphire Electric Company Limited is allowed to charge, subject to adjustment of Capacity Purchase Price on account of net dependable capacity as determined by test jointly carried out by Central Power Purchasing Agency (CPPA) and the petitioner, the following approved specified tariff for delivery of electricity to CPPA of NTDC for procurement on behalf of Ex-WAPDA Distribution Companies:

### Reference Tariff

	Reierence	I ariii							
Tariff Components	Year 1 to 10	Year	11 to 30	Indexation					
Capacity Charge									
(PKR/kW/Hour)		 							
O&M Foreign	0.0652		0.0652	US\$ to Rupee					
O&M Local	0.0434		0.0434	WPI					
Cost of Working Capital *	0.0163		0.0163	KIBOR					
Insurance	0.0637	1	0.0637	US\$ to Rupee					
Debt Service	0.7892		_	KIBOR					
Return on Equity	0.2280	1	0.2280	US\$ to Rupee					
ROE during Construction	0.0208		0.0208	US\$ to Rupee					
Total Capacity Charge	1.2266		0.4374						
* In case of plant operation on HSD cost of working capital shall be paid on 15 days inventory level basis which is Rs. 0.03479 Rs./kW/hour.									
A) Energy Charge on Operation on Gas Rs./kWh	L								
Fuel Cost Component	1.778	37	1.778	1					
Variable O&M	0.174	16	0.174	6 \$ to Rupee					
B) Energy Charge on Operation	n								

Note: i) Capacity Charge Rs./kW/hour applicable to dependable capacity at the delivery point.

6.7152

0.2520

ii) Dispatch criterion will be Energy Charge.

on HSD Rs./kWh

Variable O&M

Fuel Cost Component

- iii) The above tariff is applicable for a period of 30 years commencing from the date of the Commercial Operation.
- iv) Component wise tariff for operation on Gas and HSD is indicated at Annex-I & II.



6.7152

0.2520

Fuel Price

\$ to Rupee

The following indexations shall be applicable to reference tariff;

#### One Time Adjustment

Adjustment due to variation in net capacity
The reference tariff has been determined on the basis of minimum net capacity of 209 MW at delivery point at mean site conditions. All the tariff components except fuel cost component shall be adjusted at the time of COD based upon the IDC tests to be carried out for determination of contracted capacity for operation on both fuels i.e. Gas & HSD. If the IDC

is established higher than 209 MW, the adjustments shall be made

according to the following formula:

i) Revised Fixed O&M Foreign = 0.0652 tested IDC x 209
ii) Revised Fixed O&M Local = 0.0434 tested IDC x 209
iii) Cost of Working Capital = 0.0163 tested IDC x 209
iii) Insurance = 0.0637 tested IDC x 209
iv) Debt Service = 0.7892 tested IDC x 209
v) Return on Equity = 0.2280 tested IDC x 209
vi) ROE during Construction = 0.0208 tested IDC x 209

vi) ROE during Construction = 0.0208/tested IDC x 209 vii) Variable O&M = 0.1528/tested IDC x 209

### b) Adjustment in Insurance Component

The actual insurance cost for the minimum cover required under contractual obligations with the Power Purchaser not exceeding 1.35% of the EPC cost will be treated as pass-through. Insurance component of reference tariff shall be adjusted as per actual on yearly basis upon production of authentic documentary evidence by SECL according to the following formula;

Insurance (Revised)

= AIC/\$1.943 million x AP

Where;

AIC = Adjusted Insurance Component as per IDC Test

AP = Actual Premium

### c) Adjustment due to customs duties and Interest during Construction

Debt Service, Return on Equity and ROE during construction shall be adjusted at COD on account of actual variation in customs duties, drawdown and Interest During Construction with reference to the estimated figures of USD 5.037 million and USD 14.358 million respectively. SECL shall submit the relevant documents to NEPRA within 7 days of COD for adjustment of relevant tariff components.



d) Adjustment in project cost due to variation in Dollar/Rupee parity

Any variation in project cost during construction period on account of variation in dollar/Rupee parity shall be allowed through adjustment in the project cost. For the purpose of this adjustment petitioner shall provide payment schedule along with the exchange rate prevalent on the date of particular transaction. SECL's final reference tariff table shall be revised on COD to incorporate all the permissible adjustment during construction period.

#### Pass-Through Items

No provision for income tax has been accounted for in the tariff. If SECL is obligated to pay any tax on its income, the exact amount paid by the company will be paid by CPPA to SECL on production of original receipts. This payment will be considered as pass through (as Rs./kW/hour) hourly payment spread over a 12 month period in addition to the capacity purchase price proposed in the Reference Tariff. Furthermore, in such a scenario, SECL may also submit to CPPA details of any tax shield savings and CPPA will deduct the amount of these savings from its payment to SECL on account of taxation.

Withholding tax is also a pass through item just like other taxes as indicated in the government guidelines for determination of tariff for new IPPs. Withholding tax shall be paid @15% of the reference equity. CPPA (NTDC) shall make payment on account of withholding tax at the time of actual payment of dividend subject to maximum of 7.5% of 15% equity according to the following formula:

Withholding Tax Payable = [{15% \* (E(Ref) - E(Red))} +ROEDC(Ref)] \* 7.5%

Where:

E(Ref) = Reference Equity (US\$#6.388 million x 60)

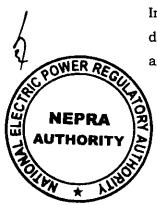
E(Red)

= Equity Redeemed

ROEDC(Ref) = Reference Return on Equity During Construction

Note: In case of foreign equity withholding tax calculated according to the above formula shall be adjusted for variation in currency (US\$ to Rupee).

In case Company does not declare a dividend in a particular year or only declares a partial dividend, then the difference in the withholding tax amount (between what is paid in that year and the total entitlement as



per the Net Return on Equity) would be carried forward and accumulated so that the Company is able to recover the same as a pass through from the Power Purchaser in future on the basis of the total dividend pay out.

#### Indexations:

The following indexation shall be applicable to the reference tariff as follows;

#### Indexation applicable to O&M

The 40% of Fixed O&M part of Capacity Charge will be adjusted on account of Inflation (WPI) and 60% on account of variation in dollar/Rupee exchange rate. WPI adjustment for inflation will be made on quarterly basis, on the basis of WPI as notified by the Federal Bureau of Statistics (FBS) for the month of August, November, February & May respectively. Indexation for variation in dollar/rupee exchange rate will be made on October 1, January 1, April 1 & July 1 on the basis of revised TT & OD selling rate of US Dollar as notified by the National Bank of Pakistan. The mode of indexation will be as under:

#### (a) Fixed O&M

F O&M(RWPI) = Rs.0.0652 per kW per Hour \* WPI (REV)/117.80

FO&M(RE) = Rs. 0.0434 per kW per Hour \* ER(REV) / 60

Where:

F O&M(RWPI) = The revised applicable Fixed O&M Component of the

Capacity Charge indexed with WPI

F O&M (RE) = The revised applicable F xed O&M Component of the

Capacity Charge indexed with Currency fluctuation

WPI(REV) = the Revised Wholesale Price Index (manufactures)

Reference WPI = 117.80 Wholesale Price Index (manufactures) of April

2006 notified by Federal Bureau of Statistics

ER(REV) = the Revised TT & OD selling rate of US dollar as

notified by the National Bank of Pakistan

Note: The reference numbers indicated above shall be replaced by the revised numbers after incorporating the required adjustments at COD.

#### (b) Variable O&M

The formula of indexation for Variable O & M component will be as under:



V O&MG (RE) = Rs.0.1746 per kWh \* ER(REV) / Rs.60 per \$

V O&MG (RE) = Rs.0.2520 per kWh \* ER(REV) / Rs.60 per \$

Where:

V O&MG(REV) = The revised applicable Variable O&M Component of Energy Charge indexed with currency fluctuation.

ER (REV) = the Revised TT & OD selling rate of US dollar as notified by the National Bank of Pakistan

Note: The reference VO&M indicated above shall be replaced with the revised number at COD after incorporating the required adjustment based upon the IDC Test.

#### Adjustment for KIBOR variation

The interest part of fixed charge component will remain unchanged throughout the term except for the adjustment due to variations in interest rate as a result of variation in quarterly KIBOR according to the following formula;

$$\Delta I = P(REV) * (KIBOR(REV) - 9.0\%) / 4$$

Where:

 $\Delta$  I = the variation in interest charges applicable corresponding to variation in KIBOR.  $\Delta$  I can be positive or negative depending upon whether KIBOR REV > or < 9.0%. The interest payment obligation will be enhanced or reduced to the extent of  $\Delta$  I for each quarter under adjustment applicable on quarterly basis.

P(REV) = is the outstanding principal (as indicated in the attached debt service schedule to this order) on a quarterly basis on the relevant quarterly calculations date. Period 1 shall commence on the date on which the 1st installment is due after availing the grace period.

#### Fuel Price Variation

The Variable Charge part of the tariff relating to fuel cost shall be adjusted on account of the fuel price variations as and when notified by the relevant authority, which in the instant case is the Oil & Gas Regulatory



Authority. In this regard, the variation in SECL's allowed rate relating to fuel cost shall be revised according to the following formula:

Rs.1.7787 per kWh \* FPg(Rev)/Rs. 266.83 per FCg(Rev) MMBTU

Where:

Revised fuel cost component of Variable Charge FCg (Rev)

The new price of gas as notified by the relevant FPg (Rev)

Authority per MMETU of fuel adjusted for LHV-

HHV factor.

[FPd(Rev)Rs.per 6.7153 perl kWh FCd(Rev)

MMBTUs]/ Rs.954 27 per MMBTU (Excl-GST))

Where:

Revised fuel cost component of Variable Charge FCd (Rev)

on diesel

The new price of diesel as notified by the FPd(Rev)

relevant Authority per Litre of fuel adjusted for

LHV-HHV factor.

Reference values used in the calculations:

Rs.37.29 per litre HSD Fuel price with GST (HHV)

15% **GST** 

Rs.32.43 per litre HSD Fuel price without GST (HHV)

HHV-LHV Adjustment Factor 1.06

HSD Fuel price without GST (LHV)Rs.34.37 per litre

Rs.954.27 per MMBTU\* HSD Fuel Price without GST

\* Calculated by using the following reference value

Reference Specific Gravity@15 °C or 15.6 °C

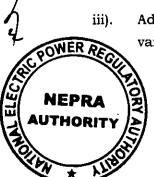
0.84

Reference Calorific Value (Gross)

42,880 BTUs/Kg

In case of adjustment in HSD fuel component, SECL shall submit request ii) for adjustment duly supported with the supplier's certificate indicating flash point, specific gravity and calorific value duly verified by the power purchaser. The Power Purchaser shall make all necessary arrangements to satisfy itself regarding the authenticity and validity of the information provided by SECL. In case of any dispute or discrepancy the power purchaser shall seek third party verification which for technical issues shall be HDIP and for price issues shall be \$\phi GRA\$. SECL shall be allowed immediate adjustment by the Authority within 7 working days of such request with requisite certificates and verifications.

Adjustment on account of inflation, foreign exchange variation, KIBOR variation and fuel price variation will be approved and announced by the



Authority within seven working days after receipt of SECL's request for adjustment in accordance with the requisite indexation mechanism stipulated herein.

iv). Any change or modification regarding application of US CPI on foreign component of O&M cost and application of local CPI instead of WPI on local component of O&M cost made through GOP Policy shall also be applicable to SECL. However the change or modification shall be applicable from the date of issue of such Policy and shall not be applicable retrospectively.

#### Incentive for Early Commissioning

In case SECL achieves Commercial Operation Date (COD) prior to October 31st, 2008, an incentive equivalent to Rs. 0.1795 per kW per hour shall be paid in addition to the normal capacity payment during the period commencing from COD till October 31st, 2008.

#### Terms and Conditions of Tariff:

- i) Use of Gas will be considered as primary fuel.
- ii) All new equipment will be installed and the plant will be of standard configuration.
- iii) Dispatch criterion will be based on the Energy Charge.
- iv) Diesel oil will be used only for startups and other contingent requirements. Use of Diesel Oil shall be allowed in accordance with the GOP's fuel policy announced from time to time.
- v) General assumptions of SECL which are not covered in this determination may be dealt with in the PPA according to its standard terms.

The above tariff and terms and conditions be incorporated as the specified tariff approved by the Authority pursuant (Generation) Rules, in a Power Purchase Agreement between SECL and CPPA.



# SPECIFIED TARIFF- SAPPHIRE ELECTRIC COMPANY LIMITED PLANT OPERATION ON GAS

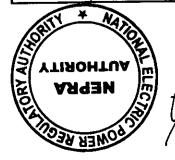
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	Energy	Charge (Rs/	kWh}							Sub	Debt	Debt	Total	Total Cape		
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Year	Fuel	OLM	Total	OLM	Insurance	₩.€			tax on div	IDIOI	foreign	Local			<del>ወ</del> ለ0% PF 2.0755	4.0288
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2	1.7787	0.1746	1.9533	0.1086	0.0637	0.0163	0.0208	0.2280	0.0187	0.4561		0.7892	0.7892	1.2453	2.0755	
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7	1.7787	0.1746	1.9533	0.1086	0.0637	0.0163	0.0208	0.2280	0.0187	0.4561		0.7892	0.7892	1.2453	2.0755	4.0288
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12	1.7787	0.1746	1.9533	0.1086	0.0637	0.0163	0.0208	0.2280	0.0187	0.4561	1 -	_		0,4561	0.7601	2.7134
13	1.7787		1.7533	0.1086	0.0637	0.0163	0.0208	0.2280	0.0187	0.4561	1	-		0.4561	0.7601	2.7134
14	1.7787	0.1746	1.7533	0.1086	0.0637	0.0163	0.0208	0.2280	0.0187	0.4561	1 -	-	_	0.4561	0.7601	2.7134
15	1.7787	0.1746	1.7533	0.1086	0.0637	0.0163	0.0208	0.2280	0.0187	0.4561	1	-		0.4561	0.7601	2.7134
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22	1.7787		1.9533	0.1086		0.0163		0.2280	0.0187	0.4561	•	-	•		0.7601	2.7134
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# SPECIFIED TARIFF - SAPPHIRE ELECTRIC COMPANY LIMITED PLANT OF ERATION ON DIESEL

	Energy Charge (Rs/kWh)						Capacity Charge Rs/kW per Hour							Total Tariff		
	Energy	Charge (Ra	/kwn)						same balallana	Sub	Debt	Debt	Total	Total Capa		TOTAL TOTAL
Year		Variable		Fixed	Insurance	w.c	ROE DC	ROE	Withholding	Total	Servicing	Servicing	Debt Servicing		Rs/kWh at	0-/1-14/6
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	6.7151	0.2520	4,9471	0.1086	0.0637	0.0349	0.0208	0.2280	0.0187	0.4747	<del>                                     </del>			0.4747	0,7912	7.7583
17	6.7151	0.2520	6.9671	0.1086	0.0637	0.0349	0.0208	0.2280	0.0187	0.4747 0.4747	]	_		0.4747	0.7912	7.7583
19	6.7151	0.2520	6.9671	0.1086	0.0637	0.0349	0.0208	0.2280	0.0187	0.4747		<u>.</u>	-	0.4747	0.7912	7.7583
20	6.7151	0.2520	6.9671	0.1086	0.0637	0.0349	0.0208	0.2280	0.0187		i -	_		0.4747	0.7912	7.7583
_	6.7151	0.2520	6.9671	0,1086	0.0637	0.0349	0.0208	0.2280	. 0.0187	0.4747	1 -	_		0.4747	0.7912	7.7583
21	6.7151	0.2520	6,9671	0,1086		0.0349	0.0208	0.2280	0.0187	0.4747	1			0.4747	0.7912	7.7583
22	6,7151	0.2520	6.9671	0.1086		0.0349	0.0208	0.2280	0.0187	0.4747			l .	0.4747	0.7912	7.7583
23	6.7151	0.2520	6.9671	0.1086		0.0349	0.0208	0.2280	0.0187	0.4747	'			0.4747	0.7912	7.7583
24	6.7151	0.2520	6.9671	0.1086		0.0349	0.0208	0.2280		0.4747		<i> </i>	1 :	0.4747	0,7912	7.7583
25		0.2520	6.9671	0.1086		0.0349	0.0208	0.2280		0.4747		λ -		0.4747	0.7912	7.7583
26	6.7151		6.9671	0.1086		0.0349	0.0208	0.2280		0.4747				0.4747	0.7912	7.7583
27	6.7151	0.2520	6.9671	0.1086		0.0349	0.0208	0.2280		0.4747	1	1/00M	R REGU	0.4747	0.7912	7,7583
28	6.7151	0.2520 0.2520	4.9671	0.1086		0.0349	0.0208	0.2280		0.4747	-		TO THE	0.4747	0.7912	7.7583
29	6.7151 6.7151	0.2520	6.9671	0.1086		0.0349	0.0208	0.2280	0.0187	0.4747		/\$*/	<del>                                      </del>	0.9891	1,6485	8.6157
30 Leveli:		0.2320	6.9671									O NE	PRA 2	1 2.230.	Cents	14.3594
FeAGII	<del>, , , , , , , , , , , , , , , , , , , </del>		1								<b>f</b> :	N H	اخ ا			

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## Sapphire Electric Power Company Limited Debt Servicing Schedule

					0.124	00:77 T	00:27	OL
£687.0	8220.0			00.0)	07.1		22.38	01 41Þ
			_	00.0)	81.0		28.11 28.2	3rd Q
				98'S	35.0		17.03	2nd Q
				11.52	15.0	35.3 13.3	22.38	Oler
				£0.71	79.0			6
£687.0	9781.0		_	22.38	4.20	88.61	42.26	DUID
				22.38	68.0	61.8	72.57	3rd Q
				72.72	86.0	\$0.6	16.16	2nd Q
			20.9	32.61	£1.1	06.4	13.7£	Dist
			50.9	12.76	72.1	92.4	59.93 59.24	8
£687.0	0.2103		24.08	42.26	6.42	79.71		0 41 <del>1</del> 7
			20.8	42.26	14,1	197	88.94	3rd Q
			20.9	88.94	<b>⊅</b> 9' l	87 7	96.13	2nd Q
			20.8	95.13	79.1	9£.4	17.88	
			50.9	17.88	08.1	4.22	£6'69	D is I
£687.0	0.2749	S412.0	24.08	59.93	<b>65.8</b>	07.21	Z5.6Z	
			50.9	£6.6 <del>2</del>	1.92	01.4	60.49	7 P P C
			50.8	64.03	2.04	86.5	10.89	3rd Q
			20.8	10.89	2.16	38.£	78.17	2 bnS
			50.9	78.17	72.27	37.6	28.87	Q ist
ε687.0	0.3322	1724.0	24.08	Z3.27	41.01	39.61	72.68	99
			20.8	S9.87	2.38	3.64	72.67	O 417
			50.9	72.67	2.48	3.54	08.28	3rd Q
			20.8	08.28	2.59	£4.E	<b>₽2.98</b>	2 bnS
			20.8	<b>₽</b> 2.88	S.69	£ E. E	ZS.68	D ist
£687.0	ZE8E.0	1901.0	24.08	78.68	69.11	12.39	96.10f	<u> </u>
-			20.9	78.68	87.2	3.24	18.29	O 417
			20.8	18.26	88.2	3.14	96.86	O big
			20.8	96.86	76.2	3.05	00.66	2 bas
			50.8	00.66	3.06	2.96	96.101	Q ist
£687.0	0.4285	803£.0	24.08	96.101	70.E1	10.11	76.211	<u> 7</u>
00020			20.8	96,101	31.5	88.2	48.401	<b>⊘</b> 41≯
			20.8	104.84	3.23	67.2	£8.701	2 big
			50.8	£8.701	16.6	17.2	4E.011	2nd Q
			S0.8	110.34	3.39	2.63	112.97	Q ist
£687.0	7894.0	0.3206	24.08	76.211	14.30	87.6	122.75	3
000_0			20.8	112.97	3.47	2.55	115.53	O 414
			50.9	115.53	3.54	84.2	10.811	3rd Q
			50.8	10.811	19.6	14.2	120.41	2nd Q
			50.8	120.41	89.5	2.34	122.75	D ist
£687.0	9709'0	0.2849	24.08	122.75	15.39	69.8	131.44	7
			20.8	122.75	37.5	72.2	125.02	4th Q
	<u> </u>		50.8	125.02	3.82	2.20	127.23	2 bra
			50.8	127.23	88.6	2.14	129.36	2 bns
<del></del>			20.8	129.36	3.94	2.08	131.44	Q 1st
£687.0	£8£2.0	1552.0	24.08	131.44	16.36	ST.T	91.951	L
COST	5555		50.8	131.44	00.4	20.2	133.46	Q HIA
	<del> </del>		50.8	133.46	90.4	96 1	135.42	3rd Q
	<del> </del>	<del>                                     </del>	20.8	135.42	4.12	06.1	137.32	Q bnS
	<del>                                     </del>	<del>                                     </del>	50.8	137.32	21 b	28.1	139.16	D is t
	· · · · · · · · · · · · · · · · · · ·	Rs./Kw/Hour	\$ nilliM	\$ noilliM	\$ noilliM	\$ noilliM	\$ noilliM	
Rs./kW/Hour	Rs./kW/Hour	Repayment	Service				1.	Period
Servicing	Interest	Principal	1deQ	Balance	Mark-Up	<b>Zepayment</b>	I leqioning	
JdeG IsunnA	leunnA	lsunnA		<u> </u>	idaG Isoo.	1		<u> </u>
personal Superior 120 122								

CPPA (NTDC) shall make payment on account of withholding tax at the time of actual payment of dividend subject to maximum of 7.5% of 15% equity according to the following formula:

Withholding Tax Payable =  $[\{15\% * (E(Ref) - E(Red))\} + ROEDC(Ref)] * 7.5\%$ 

Where:

E(Ref)

= Reference Equity (US\$46.388 million x 60)

E(Red)

= Equity Redeemed

ROEDC(Ref) = Reference Return on Equity During Construction

Note: In case of foreign equity withholding tax calculated according to the above formula shall be adjusted for variation in currency (US\$ to Rupee).

In case Company does not declare a dividend in a particular year or only declares a partial dividend, then the difference in the withholding tax amount (between what is paid in that year and the total entitlement as per the Net Return on Equity) would be carried forward and accumulated so that the Company is able to recover the same as a pass through from the Power Purchaser in future on the basis of the total dividend pay out.

#### Indexations:

The following indexation shall be applicable to the reference tariff as follows:

### Indexation applicable to O&M

The 40% of Fixed O&M part of Capacity Charge will be adjusted on account of Inflation (WPI) and 60% on account of variation in dollar/Rupee exchange rate. WPI adjustment for inflation will be made on quarterly basis, on the basis of WPI as notified by the Federal Bureau of Statistics (FBS) for the month of August, November, February & May respectively. Indexation for variation in dollar/rupee exchange rate will be made on October 1, January 1, April 1 & July1 on the basis of revised TT & OD selling rate of US Dollar as notified by the National Bank of Pakistan. The mode of indexation will be as under:

Fixed O&M

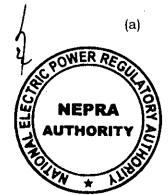
F O&M(RWPI) = Rs.0.0652 per kW per Hour \* WPI (REV)/117.80











Sapphire Electric Power Company Limited
Debt Servicing Schedule

			Debt						
			Local Debt			Annual	Annual	Annual Debt	
Period	Principal	Repayment	Mark-Up	Balance	Debt	Principal	Interest	Servicing	
					Service	Repayment	Rs./kW/Hour	Rs./kW/Hour	
	Million \$	Million \$	Million \$	Million \$	Millin \$	Rs./Kw/Hour		ļ	
1st Q	139.16	1.85	4.17	137.32	6.02	ļ			
2nd Q	137.32	1.90	4.12	135.42	6.02				
3rd Q	135.42	1.96	4.06	133.46	6.02				
4th Q	133.46	2.02	4.00	131.44	6.02				
1	139.16	7.72	16.36	131.44	24.08	0.2531	0.5363	0.7893	
1st Q	131.44	2.08	3.94	129.36	6.02				
2nd Q	129.36	2.14	3.88	127.23	6.02				
3rd Q	127.23	2.20	3.82	125.02	6.02				
4th Q	125.02	2.27	3.75	122.75	6.02				
2	131.44	8.69	15.39	122.75	24.08	0.2849	0.5045	0.7893	
1st Q	122.75	2.34	3.68	120.41	6.02				
2nd Q	120.41	2.41	3.61	118.01	6.02				
3rd Q	118.01	2.48	3.54	115.53	6.02	I			
4th Q	115.53	2.55	3.47	112.97	6.02				
3	122.75	9.78	14.30	112.97	24.08	0.3206	0.4687	0.7893	
1st Q	112.97	2.63	3.39	110.34	6.02	1			
2nd Q	110.34	2.71	3.31	107.63	6.02			"	
3rd Q	107.63	2.79	3.23	104.84	6.02				
4th Q	104.84	2.88	3.15	101.96	6.02				
4	112.97	11.01	13.07	101.96	24.08	0.3608	0.4285	0.7893	
1st Q	101.96	2.96	3.06	99.00	6.02			· · ·	
2nd Q	99.00	3.05	2.97	95.95	6.02			<del></del> -	
3rd Q	95.95	3.14	2.88	92.81	6.02				
4th Q	92.81	3.24	2.78	89.57	6.02		· · · · · · ·		
5	101.96	12.39	11.69	89.57	24.08	0.4061	0.3832	0.7893	
1st Q	89.57	3.33	2.69	86.24	6.02				
2nd Q	86.24	3.43	2.59	82.80	6.02				
3rd Q	82.80	3.54	2.48	79.27	6.02				
4th Q	79.27	3.64	2.38	75.62	6.02		<del>-</del>	<del> </del>	
6	89.57	13.95	10.14	75.62	24.08	0.4571	0.3322	0.7893	
	75.62	3.75	2.27	71.87	6.02	0.4011	0.0022		
1st Q 2nd Q	71.87	3.86	2.16	68.01	6.02		<del></del>	*	
3rd Q	68.01	3.98	2.10	64.03	6.02	<del> </del>	1		
4th Q	64.03	4.10	1.92	59.93	6.02		<u> </u>		
7	75.62	15.70	8.39	59.93	24.08	0.5145	0.2749	0.7893	
			1.80	55.71	6.02		0.2143	0.7000	
1st Q	59.93	4.22 4.35	1.67	51.36	6.02	<del> </del>	<del>                                     </del>	<del> </del>	
2nd Q	55.71 51.36		1.54	46.88	6.02	<del>                                     </del>	<del>                                     </del>	<del> </del>	
3rd Q	46.88		1.54	40.00	6.02		1	ļ	
4th Q	59.93		6.42	42.26	24.08	0.5790	0.2103	0.7893	
8 1-4-0							0.2103	0.705	
1st Q	42.26		1.27	37.51	6.02		<del> </del>	-	
2nd Q	37.51		1.13	32.61	6.02		<del>                                     </del>	<del> </del>	
3rd Q	32.61	5.04	0.98	27.57	6.02		<del>-  -</del>	<del> </del>	
4th Q	27.57		0.83	22.38			0.1376	0.7893	
9	42.26		4.20	22.38	24.08		0.13/6	0.789.	
1st Q	22.38		0.67	17.03	6.02		1		
2nd Q	17.03	<del></del>	0.51	11.52	6.02		<del> </del>	-	
3rd Q	11.52		0.35	5.85	6.02		<del> </del>	<del>                                     </del>	
4th Q	5.85		0.18	(0.00)			0.0555	0.7000	
10	22.38	22.38	1.70	(0.00)	24.08	0.7335	0.0558	0.7893	

