

**SHRELCOP PETITION FOR 2003**

**SINGUR HARIPAL RURAL ELECTRIC  
CO-OPERATIVE SOCIETY LIMITED  
(A STATE PARTNERED CO-OPERATIVE ORGANISATION)**

**P .0. - SINGUR, DIST. -HOOGHLY**

**VOLUME-I  
(Tariff Petition and Filing Formats)**

**commission's prescribed,  
filing format for the  
Tariff Proposal for F. Y. 2002-03**

**Submitted to**

**WEST BENGAL ELECTRICITY REGULATORY COMMISSION  
March: 2002**

**BEFORE THE HONOURABLE WEST BENGAL  
ELECTRICITY REGULATION COMMISSION**

**Filing No. \_\_\_\_\_  
Case No. \_\_\_\_\_**

**In the matter of:** Application for tariff revision sought by The Singur Haripal Electric Co-Operative Society Limited ("The Sanction Holder") under Section 29 of the ERC Act, and Section 42 of the CBR Read along with guidelines and directions issued by the West Bengal Electricity Regulatory Commission ("Hon'ble Commission") from time to time-

**01** The Haripal Rural Electric Co-operative Society Limited (hereinafter called SHRELCOP) sanction holder under Section 28 of the Indian Electricity Act, 1910. The Sanction was granted by the Government of West Bengal on the 1st February, 1980 after consulting the West Bengal State Electricity Board. SHRELCOP is responsible for supply of energy to all the consumers in the area covered under the Sanction.

**02** This application for revision of tariffs has been filed before the Hon'ble West Bengal Electricity Regulatory Commission, hereinafter referred to as Hon'ble Commission, in accordance with Section 43(1) and 43(2) of the Conduct of Business Regulations ("CBR"), The Electricity Regulatory Commissions Act, 1998 ("ERC") and the Electricity (Supply) Act, 1948 ("ESA").

**03** Since the Hon'ble Commission has not prescribed separate Tariff Regulations, the determination of the costs, revenue and tariffs have been done in accordance with Section 29 of the Electricity Regulatory Commissions Act, 1998.

**04** SHRELCOP has however kept in view the directions of the Hon'ble Commission as provided in Section 42 of the CBR while determining the tariffs for its consumers.

**05** Section 43(1) of the Conduct of Business Regulations framed by the Honourable Commission, requires utilities to provide to the Hon'ble Commission between 15th December to 31st December every year the details of its calculation for the ensuing financial year of the expected aggregate revenue from charges based on currently approved tariffs by the Hon'ble Commission. However Hon'ble Commission has allowed SHRELCOP to come-up with tariff petition latest by March 15, 2002, for the year 2002-03 and accordingly tariff petitions are being filed for the Financial Year 2002-2003.

**06** The filing in pursuance of Section 43 of the CBR, is for the purpose of revising tariffs for FY 2002-2003 based on the revenue calculations for the said year .

**NEED FOR TARIFF REVISION BY THE HON'BLE COMMISSION.**

**07** The tariff revision was effective from April 1999.

a. In terms of order No. 1016-Power/III dtd. June 14,1984 of the Deptt. of Power, Govt. of West Bengal, the Society's tariff to its own consumers should be brought at par with tariff charged by the WBSEB from its similar consumers. Govt. order is enclosed in Annexure-I of Volume II.

b. On the basis of above order, the Society's Consumers' tariff are at par with the Consumers tariff of WBSEB since its formation. Since WBSEB has submitted revised tariff structure for its different category of consumers, for F. Y. 2002-2003 the need for bringing up tariff of the consumers of the SHRELCOP at par with WBSEB becomes necessary and this prayer .for tariff revision is being filed.

c. Since WBSEB will realise extra tariff from the consumers for the financial year 2002-03. The SHRELCOP is under obligation as per the said order of the department of power, Govt. of West Bengal, being order No. 1016-power/ III dated 14.6.1984 to realise the Revenue from its different category of consumers under the revised tariff structure as proposed in statement -1.

**BASIC PREMISE IN FRAMING THE PROPOSAL.**

**08.** SHRELCOP has adopted the following norms while proposing tariffs for the various categories.

i) SHRELCOP has followed the financial principles enshrined in the Sixth Schedule of the Electricity Supply Act, 1948, for calculation of its reasonable expenditure including the reasonable rate of return, as prescribed. Accordingly SHRELCOP requests the Hon. Commission to take into account a reasonable return of Rs.2.15 Lacs in the revenue requirement for FY.2002-03.

ii) SHRELCOP recognises the presence of distribution losses in its system which are 25.69% in 2000-01.27% (estimated) in 2001-2002 However, steps are being taken to reduce the over all distribution loss by 2% in 2002-03 and 2003-04. To improve the technical losses it is felt that rapid improvement in the existing distribution system has to be done and for which programme and proposal for financial assistance has been submitted to the authority. To check the commercial losses efforts are being made to improve the vigilance and check cases of illegal hooking and tapping in the area. The details enclosed in Vol.-III.

**OUTLINE OF THE TARIFF PROPOSAL:**

The total revenue requirement under the various heads is as follows:

Particulars	FY 2001-02 (Rs Lacs)	% of Total	FY 2002-03(Rs. Lacs)	% of total
Cost of generation(fuel)				
Stores				
Utilities:water				
Purchase of Power	1488.56	111.10%	1548.58	72.2%
Employee's Cost	157.80	11.78%	200.00	9.32 %
Ash Disposal				
Repairs & Maintenance (Office Equipments)	1.50	0.11%	2.50	0.2%
Miscellaneous-				
Expenditure written of				
Administrative & General				
Expenses				
Auditors fees	0.09	0%	0.09	0%

Rent, rates and taxes	0.50	0.04%	0.65	0.03%
Insurance	0.39	0.03%	0.05	0.02%
Guarantee fees				
Management expenses (Directors fees 56%)	3.00	0.22%	9.00	0.42%
Other expenses, O&M				
Expenses	117.99	8.81%	153.00	7.14%
Depreciation	159.29	11.89%	72.34	8.04%
Interest	47.01	3.51%	55.50	2.59%
Total Expenses	1976.13		2142.16	99.90%
Reasonable rate of return ( based on Schedule VI principles of ESA 1948)	6.05	0.49%	2.15	0.10%
Total Revenue requirement	982.18	47.98%	2144.31	100%
Total Revenue available	13339.43	100%	2144.31	
<b>Hence Net Deficit</b>	<b>(-) 642.75</b>			

**Note-1.** K. W.H. purchased during the F. Y. 2001- 2002 (estimated) i.e. 1050.351akh K. W.H. has been taken for ascertaining the amount payable against cost Of @ Rs. 1.47 for F. Y. 2002-2003

The expected revenue from the current tariffs and the proposed tariffs are as follows: -

F.Y.2002-2003 (Rs.in Lacs)

01	Total revenue requirement/available	2144.31
02	Government subsidy	0.0
03	Revenue from other income	125.21
04	Net revenue requirement (1-2-3)	2019.10
05	Rebate available by the consumers (cash)	35.74
06	Revenue requirement from sale of power(4+5)	2054.84
07	Net Revenue from the existing tariffs	244.91
08	Revenue from proposed tariff increase (4-7)	809.93
09	% increase in tariffs sought (8/7)	65.06%

#### OUTLINE OF THE PROPOSAL:

**09.** Some of the features of the tariff proposal have been outlined below:

Since WBSEB will realise extra tariff from the consumers for the financial year 2002-03. The SHRELCOP is under obligation as per the said order of the department of power, Govt. of West Bengal, being order No. 1016-power / III dated 14.6.1984 to realise the Revenue from its different category of consumers under the revised tariff structure as proposed in statement -1.

#### REPRESENTATIONS:

**10.** The Tariff Proposal is in four volumes, as listed below, which are annexed to this affidavit.

Volume	Description
I	Tariff Proposal Petition along-with tariff formats prescribed by the Hon'ble Commission.
II	Explanatory note on the Tariff Proposal and attachments detailing the data submitted to the Hon'ble Commission.
III	Details of the Renovation and Modernisation study being conducted by SHERLCOP
IV	Details of Draft Power Purchase Agreement to be entered into with West Bengal state Electricity Board.

**PRAYER TO THE HON'BLE COMMISSION:**

**11.** SHRELCOP has made every efforts to meet the information requirements prescribed by the Hon'ble Commission. SHRELCOP is making every effort to strengthen its existing Management Information Systems, and requests the Hon'ble Commission to look at any omissions or shortcomings sympathetically. SHRELCOP however, agrees to make available all such data as the Hon'ble Commission may require notwithstanding any waiver given by the Hon'ble Commission.

**12.** In light of the fact that consumers' tariffs as have not been revised by WBSEB time to time the SHRELCOP has matched its different Revenue Expenditure with its existing revenue keeping a minimum margin.

**13. SBRELCOP prays that the Hon'ble Commission may kindly consider the viability of SBRELCOP Which is a co-operative organization and accordingly: -**

**a. SBRELCOP to charge tariff to its own consumers at par with tariff charged by the WBSEB from its similar consumers, to maintain the same tariff structure in the rural belt of state as a whole.**

**b. Allow SHRELCOP to make payment to WBSEB against cost of Power at a maximum capacity for a sum of Rs. 1548.58 lakhs during the Financial Year 2002-2003 subjected to the introduction of the consumers' tariff as proposed in the statement 1.**

The purchase tariff rate and average gross Revenue per K.W.R sold with its ratio from the 81-82 to 2000-2001 is enclosed in annexure I(A) of volume II, for kind consideration of the Hon'ble Commission at the time of determining purchase tariff for SHRELCOP .

**c. Allow SHRELCOP to make payment additional rate of purchase tariff to WBSEB if any, after a lapse of atleast 90 days from the date of introduction of the New Consumers' tariff as to be charged to the consumers of SBRELCOP since SBRELCOP maintains the quarterly Reading Billing system for realisation against sale of Electricity from the maximum number of its consumers.**

**d. Allow by an interim order SBRELCOP to continue to pay WBSEB the tariff at the rate existed before the recent revision of the tariff till finalisation of the tariff for SHRELCOP.**

**Statement 1:Proposed Tariff Structure****SEGMENT WISE TARIFFS**

The proposed segment wise tariffs are indicated in the attached pages. In summary, the proposed tariffs for the various segments are as follows:

Customer Category	Consumption slab/quarter (Kwhr)		Revised Energy Charge (paise)	Revised Fixed Charge
<b>Low and Medium Voltage Consumers</b>				<b>Rs./Con./Mon.</b>
<b>Domestic</b>				
<b>Lokdeep (Less than 50)</b>			<b>0</b>	<b>25</b>
Lokdeep (Greater than 50)	Rate A	(Dm-R) is	Applicable	
<b>Rate A (Dm-L)</b>			400	35
<b>Rate A (Dm-R)</b>	First	75	205	5
	Next	105	240	0
	Next	120	290	115
	Next	600	340	20
	Next	50	550	25
	Next	300	600	30

	Above	3150	400	35
<b>Non-Domestic/Commercial</b>				
<b>Rate A (Cm-R)</b>	First	180	300	115
	Next	120	420	25
	Next	150	450	30
	Next	450	480	40
	Next	450	600	50
	Above	350	470	60
<b>Rate A (Cm-Pu)</b>				
<b>Non-Municipality</b>		On all	350	0
<b>Industrial</b>				
<b>Rate B(I-R)</b>	First	500	300	20
	Next	1500	430	30
	Next	500	470	35
	Above	3500	420	40
<b>Rate B(II) - PWW</b>		On all	300	30
<b>Rate C - Irrigation</b>				
<b>Metered</b>		On all	20	0
<b>STW in other districts</b>			0	7512
<b>Submersible pump in other district</b>			0	9378
<b>Rate E(b)</b>			400	265
<b>Rate E( c)</b>			400	265

#### METER RENTALS, TESTING, DISCONNECTION AND RECONNECTION CHARGES :

In addition, Meter Rental is sought to be increased by Rs.3, Rs.6 and Rs.9 per meter per month for all low and medium voltage Consumers under single phase, two phase and three phase supply respectively. In case of low and medium voltage industrial Consumers it is proposed that both Single Phase electro-magnetic and electronic meters shall attract same meter rent. Similarly, uniform meter rent for electromagnetic and electro polyphase meter installed at the premise, of medium voltage Industrial and commercial consumers have been proposed.

A list proposed revisions to testing charges, disconnection and reconnection charges and meter rental is indicated below:

Meter Rentals (Rupees per meter per month)	Existing	Proposed
<b>L &amp; MV- for Domestic purpose - Single phase</b>	<b>9</b>	<b>2</b>
<b>Two phase</b>	<b>18</b>	<b>21</b>
<b>Three phase</b>	<b>27</b>	<b>30</b>
<b>L &amp; MV - for commercial purpose-Single phase</b>	<b>20</b>	<b>20</b>
<b>Two phase</b>	<b>40</b>	<b>40</b>
<b>Three Phase or Three Single phase-Electromagnetic</b>	<b>60</b>	<b>100</b>
<b>Electronic</b>		<b>100</b>
<b>L &amp; MV Industrial and Public water works consumers -Three Phase or three single phase</b>		

<b>Electromagnetic type</b>	<b>45</b>	<b>100</b>
<b>Electronic type</b>	<b>400</b>	<b>100</b>
<b>L &amp; MV Agriculture Consumer</b>	<b>22</b>	<b>100</b>
<b>Public Lifting</b>		<b>100</b>
<b>High and Extra High Voltage Supply</b>		
<b>Monthly Rental for hire of HT metering (one KWH meter with MDI And one RKVAH meter) equipment supplied by the board.</b>	<b>350</b>	<b>500</b>
<b>Monthly Rental for hire of HT metering (trivector meter/TOD Meter/static meter equipment supplied by the Board</b>	<b>1200</b>	<b>1500</b>

<b>Testing the Meter (Rupees)</b>	<b>Existing</b>	<b>Proposed</b>
<b>KWH</b>	<b>300</b>	<b>500</b>
<b>RKVAH Meter</b>	<b>200</b>	<b>500</b>
<b>Trivector meter/ TOD meter / static meter</b>	<b>600</b>	<b>1000</b>

<b>Disconnection charges (Rupees)</b>	<b>Existing</b>	<b>Proposed</b>
<b>LV and MV for domestic and Commercial Consumers</b>	<b>20</b>	<b>40</b>
<b>LV and MV for Industrial and Agriculture etc.</b>	<b>40</b>	<b>60</b>
<b>For HV and EHV Supply</b>	<b>200</b>	<b>400</b>

<b>Reconnection charges (Rupees)</b>	<b>Existing</b>	<b>Proposed</b>
<b>LV and MV for domestic and Commercial Consumers</b>	<b>30</b>	<b>60</b>
<b>LV and MV for Industrial and Agriculture etc.</b>	<b>60</b>	<b>90</b>
<b>For HV and EHV Supply</b>	<b>400</b>	<b>600</b>
<b>Fuse Call charge for LV and MV for Industrial and Commercial consumers</b>	<b>10 per call</b>	<b>20 per call</b>
<b>Fuse Call charge for LV and MV for Industrial and Agriculture, etc.</b>	<b>10 per call</b>	<b>20 per call</b>

## **OTHER ISSUES**

The Board would also requests the Hon'ble Commission to review the following issues in the principles of the Tariff Structure And the Terms of Supply:

### **E/ Late Payment Surcharge**

At page- 130 of the order dated 7/1212001, the Hon'ble Commission has revised the LPSC from 1/15th part of 1 % per day to 1.25% per month. State Electricity Regulatory commission, in general have approved Late Payment Surcharge at the rate of 2% per month while Gujrat State Electricity Regulatory Commission has approved LPSC @ 30%-per annum, i.e. 2.5% per month. Since the reduction of LPCS will increase the propensity of the consumer to make payment after the due date of payment, this issue may kindly be reviewed by the Hon'ble Commission.

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