

# Appendix 1: Form 1.1

Expected Revenue at Current Tariff Charges											
Full year tariff sales at current tariff charges (including subsidy receipts from external sources and excluding electricity duty and municipal taxes)											
CATEGORY  Tariff	Unit	Tariff Rate to Consumer	Current Fuel Surcharge per Unit	External Subsidy per Unit	Annual Sales		Full year revenue excluding external subsidy			External Subsidy	Full year revenue
					Volume	Unit	Excluding Fuel Surcharge (Rs. crores)	Fuel Surcharge (Rs. crores)	Total (Rs. crores)		
		[a]	[b]	[c]	[d]		[e]=[a]*[d]	[f]=[b]*[d]	[g]=[e]+[f]	[h]=[c]*[d]	[i]=[g]+[h]
<b>DOMESTIC</b>											
Up to 40 units/mth	P /kWh					GWh					
For others	P /kWh					GWh					
<b>NON-DOMESTIC</b>											
P /kWh	P /kWh					GWh					
<b>H.T. INDUSTRY</b>											
70 kW and above	P /kWh					GWh					
Furnace	P /kWh					GWh					
Lift Irrigation	P /kWh					GWh					
Special Agreement											
Normal units	P /kWh					GWh					
Low surcharge	P /kWh					GWh					
High surcharge	P /kWh					GWh					
<b>L.T. INDUSTRY</b>											
Less than 70 kW	P /kWh					GWh					
<b>AGRICULTURE</b>											
Metered											
Up to 100'	P /kWh					GWh					
101' to 150'	P /kWh					GWh					
151' to 200'	P /kWh					GWh					
Over 200'	P /kWh					GWh					
Un-metered											
Up to 100'											
BHP	Rs /BHP/mth					BHP (000's)					
Estimated Usage	kWh/BHP/mth										
Subsidy Rate	Rs/kWh										
101' to 150'											
BHP	Rs /BHP/mth					BHP (000's)					
Estimated Usage	kWh/BHP/mth										
Subsidy Rate	Rs/kWh										
151' to 200'											
BHP	Rs /BHP/mth					BHP (000's)					
Estimated Usage	kWh/BHP/mth										
Subsidy Rate	Rs/kWh										
Over 200'											
BHP	Rs /BHP/mth					BHP (000's)					
Estimated Usage	kWh/BHP/mth										
Subsidy Rate	Rs/kWh										
<b>BULK SUPPLY</b>											
Other	P /kWh					GWh					
Bulk Domestic	P /kWh					GWh					
Bulk Non-domestic	P /kWh					GWh					
<b>VILLAGE CHAUPAL</b>											
Up to 40 units	P /kWh					GWh					
For others	P /kWh					GWh					
<b>RAILWAY TRACTION</b>											
kVA	Rs /kVA/mth					MVA					
Units	P /kWh					GWh					
<b>STREET LIGHTING SUPPLY</b>											
<b>MITC TUBEWELLS</b>											
Direct irrigation tubewells	P /kWh					GWh					
Augmentation canal	P /kWh					GWh					
<b>OTHER SALES (not included above)</b>	P /kWh					GWh					
<b>TOTAL</b>											

## Note

In the case of Traction, the annual total MVA sales are the sum of the 12 monthly sales

In the case of unmetered agriculture the subsidy rate should be multiplied by estimated usage to get the subsidy per BHP/mth

The unmetered agriculture full year revenue and subsidy totals are the sums of the 12 monthly figures

External subsidy is a subsidy financed from sources other than tariffs, e.g. GOH

Entries in this table should exclude surcharges for late payments

Data requirements are indicated by:

## Appendix 1: Form 1.2

### Expected Revenue at Proposed Tariff Charges

Full year tariff sales at proposed tariff charges (including subsidy receipts from external sources and excluding electricity duty and municipal taxes)

CATEGORY  Tariff	Unit	Tariff Rate to Consumer  [j]	External Subsidy per Unit  [k]	Annual Sales		Full Year Revenue		
				Volume  [l]	Unit	Excluding External Subsidy (Rs. crores) [m]=[j]*[l]	External Subsidy (Rs. crores) [n]=[k]*[l]	Total (Rs. crores) [o]=[m]+[n]
<b>DOMESTIC</b>								
Up to 40 units/mth	P /kWh				GWh			
For others	P /kWh				GWh			
<b>NON-DOMESTIC</b>	P /kWh				GWh			
<b>H.T. INDUSTRY</b>								
70 kW and above	P /kWh				GWh			
Furnace	P /kWh				GWh			
Lift Irrigation	P /kWh				GWh			
Special Agreement								
Normal units	P /kWh				GWh			
Low surcharge	P /kWh				GWh			
High surcharge	P /kWh				GWh			
<b>L.T. INDUSTRY</b>								
Less than 70 kW	P /kWh				GWh			
<b>AGRICULTURE</b>								
<b>Metered</b>								
Up to 100'	P /kWh				GWh			
101' to 150'	P /kWh				GWh			
151' to 200'	P /kWh				GWh			
Over 200'	P /kWh				GWh			
<b>Un-metered</b>								
Up to 100'								
BHP	Rs /BHP/mth				BHP (000's)			
Estimated Usage	kWh/BHP/mth							
Subsidy Rate	Rs/kWh							
101' to 150'								
BHP	Rs /BHP/mth				BHP (000's)			
Estimated Usage	kWh/BHP/mth							
Subsidy Rate	Rs/kWh							
151' to 200'								
BHP	Rs /BHP/mth				BHP (000's)			
Estimated Usage	kWh/BHP/mth							
Subsidy Rate	Rs/kWh							
Over 200'								
BHP	Rs /BHP/mth				BHP (000's)			
Estimated Usage	kWh/BHP/mth							
Subsidy Rate	Rs/kWh							
<b>BULK SUPPLY</b>								
Other	P /kWh				GWh			
Bulk Domestic	P /kWh				GWh			
Bulk Non-domestic	P /kWh				GWh			
<b>VILLAGE CHAUPAL</b>								
Up to 40 units	P /kWh				GWh			
For others	P /kWh				GWh			
<b>RAILWAY TRACTION</b>								
kVA	Rs /kVA/mth				MVA			
Units	P /kWh				GWh			
<b>STREET LIGHTING SUPPLY</b>	P /kWh				GWh			
<b>MITC TUBEWELLS</b>								
Direct irrigation tubewells	P /kWh				GWh			
Augmentation canal	P /kWh				GWh			
<b>OTHER SALES (not included above)</b>	P /kWh				GWh			
<b>TOTAL</b>								

### Note

This table shows existing tariff structure and categories. In the event that the tariff structure or categories change, the table should be completed for the proposed tariff structure and categories

In the case of Traction, the annual total MVA sales are the sum of the 12 monthly sales

In the case of unmetered agriculture the subsidy rate should be multiplied by estimated usage to get the subsidy per BHP/mth

The unmetered agriculture full year revenue and subsidy totals are the sums of the 12 monthly figures

External subsidy is a subsidy financed from sources other than tariffs, e.g. GOH

Entries in this table should exclude surcharges for late payments

Proposed rates incorporate expected fuel costs therefore "Fuel Surcharge" is zero

Data requirements are indicated by:

**Appendix 1: Form 1.3**

**Expected Revenue when Proposed Tariff is Introduced for a Part Year**  
(excluding electricity duty and municipal taxes)

CATEGORY  Tariff	Proportion of full year sales at proposed tariff (%)  [p]	Sales excluding External Subsidy		Full Year Revenue		
		Current Tariff Rate (Rs. crores)	Proposed Tariff Rate (Rs. crores)	Excluding External Subsidy (Rs. crores)	External Subsidy (Rs. crores)	Total (Rs. crores)
		[q]=(1-[p])*[g]	[r]=[p]*[m]	[s]=[q]+[r]	[t]=(1-[p])*[h]+[p]*[n]	[u]=[s]+[t]
<b>DOMESTIC</b>						
Up to 40 units/mth						
For others						
<b>NON-DOMESTIC</b>						
<b>H.T. INDUSTRY</b>						
70 kW and above						
Furnace						
Lift Irrigation						
Special Agreement						
Normal units						
Low surcharge						
High surcharge						
<b>L.T. INDUSTRY</b>						
Less than 70 kW						
<b>AGRICULTURE</b>						
<b>Metered</b>						
Up to 100'						
101' to 150'						
151' to 200'						
Over 200'						
<b>Un-metered</b>						
Up to 100'						
101' to 150'						
151' to 200'						
Over 200'						
<b>BULK SUPPLY</b>						
Other						
Bulk Domestic						
Bulk Non-domestic						
<b>VILLAGE CHAUPAL</b>						
Up to 40 units						
For others						
<b>RAILWAY TRACTION</b>						
kVA						
Units						
<b>STREET LIGHTING SUPPLY</b>						
<b>MITC TUBEWELLS</b>						
Direct irrigation tubewells						
Augmentation canal						
<b>OTHER SALES (not included above)</b>						
<b>TOTAL</b>						

**Note**

*This table assumes no change to the tariff structure and tariff categories. Where such a change is proposed, the licensee should as far as possible provide equivalent information to indicate the change between the current and proposed tariffs*

*Data requirements are indicated by:*

Appendix 1: Form 1.4

<b>Tariff Revenue Changes</b> (excluding electricity duty and municipal taxes)			
CATEGORY	Tariff sales excluding External Subsidy		
	Tariff Price Change (%) [v]=([j]-[a]-[b])/([a]+[b])	Revenue Change Part Year (%) [w]=([s]-[g])/[g]	Revenue Change Part Year (Rs. crores) [x]=[s]-[g]
<b>DOMESTIC</b>			
Up to 40 units/mth			
For others			
<b>NON-DOMESTIC</b>			
<b>H.T. INDUSTRY</b>			
70 kW and above			
Furnace			
Lift Irrigation			
Special Agreement			
Normal units			
Low surcharge			
High surcharge			
<b>L.T. INDUSTRY</b>			
Less than 70 kW			
<b>AGRICULTURE</b>			
<b>Metered</b>			
Up to 100'			
101' to 150'			
151' to 200'			
Over 200'			
<b>Un-metered</b>			
Up to 100'			
101' to 150'			
151' to 200'			
Over 200'			
<b>BULK SUPPLY</b>			
Other			
Bulk Domestic			
Bulk Non-domestic			
<b>VILLAGE CHAUPAL</b>			
Up to 40 units			
For others			
<b>RAILWAY TRACTION</b>			
kVA			
Units			
<b>STREET LIGHTING SUPPLY</b>			
<b>MITC TUBEWELLS</b>			
Direct irrigation tubewells			
Augmentation canal			
<b>OTHER SALES (not included above)</b>			
<b>TOTAL</b>			

**Note**

*This table assumes no change to the tariff structure and categories. Where such a change is proposed, the licensee should as far as possible provide equivalent information to indicate the change between the current and proposed tariffs*

*"Revenue Change Part Year" takes account of the revenue change when new tariffs are introduced during a financial year*

*Data requirements are indicated by:*

# Appendix 1: Form 1.5

## Annual Tariff Revenue Change for Typical Consumers Full year (excluding subsidy receipts from external sources, electricity duty and municipal taxes)

CATEGORY  Tariff	Unit	Average Consumer				Small Consumer				Large Consumer			
		Sales per Consumer	Consumer Bill at Proposed Tariff (Rs)	Consumer Bill at Current Tariff (Rs)	Change in Consumer Bill (%)	Sales per Consumer	Consumer Bill at Proposed Tariff (Rs)	Consumer Bill at Current Tariff (Rs)	Change in Consumer Bill (%)	Sales per Consumer	Consumer Bill at Proposed Tariff (Rs)	Consumer Bill at Current Tariff (Rs)	Change in Consumer Bill (%)
		[y]	[z]	[aa]	$[ab]=\frac{[z]-[aa]}{[aa]}$	[ac]	[ad]	[ae]	$[af]=\frac{[ad]-[ae]}{[ae]}$	[ag]	[ah]	[ai]	$[aj]=\frac{[ah]-[ai]}{[ai]}$
<b>DOMESTIC</b>													
Up to 40 units/mth	kWh												
For others	kWh												
<b>NON-DOMESTIC</b>													
<b>H.T. INDUSTRY</b>													
70 kW and above	kWh												
Furnace	kWh												
Lift Irrigation	kWh												
Special Agreement													
Normal units	kWh												
Low surcharge	kWh												
High surcharge	kWh												
<b>L.T. INDUSTRY</b>													
Less than 70 kW	kWh												
<b>AGRICULTURE</b>													
Metered													
Up to 100'	kWh												
101' to 150'	kWh												
151' to 200'	kWh												
Over 200'	kWh												
Un-metered													
Up to 100'	BHP												
101' to 150'	BHP												
151' to 200'	BHP												
Over 200'	BHP												
<b>BULK SUPPLY</b>													
Other	kWh												
Bulk Domestic	kWh												
Bulk Non-domestic	kWh												
<b>VILLAGE CHAUPAL</b>													
Up to 40 units	kWh												
For others	kWh												
<b>RAILWAY TRACTION</b>													
kVA	kVA												
Units	kWh												
<b>STREET LIGHTING SUPPLY</b>													
<b>MITC TUBEWELLS</b>													
Direct irrigation tubewells	kWh												
Augmentation canal	kWh												
<b>OTHER SALES (not included above)</b>													
<b>TOTAL</b>													

### Note

The definition of typical small, average and large consumers in section 2 of the main text should be used to determine Sales per Consumer  
 This table assumes no change to the tariff structure and tariff categories. Where such a change is proposed, the licensee should as far as possible provide equivalent information to indicate the change between the current and proposed tariffs  
 Sales per Consumer should be used to determine the total bill for each typical consumer, taking account of fixed and variable tariff charges and the Fuel Surcharge (if applicable)  
 In the case of Traction, the annual total kVA demands are the sum of the 12 monthly demands  
 Entries in this table should exclude surcharges for late payments  
 Data requirements are indicated by:

## Appendix 1: Form 1.6

### Embedded Cost Based Tariffs

Proposed tariffs with prices based on embedded cost recovery (excluding subsidy receipts from external sources, electricity duty and municipal taxes)

CATEGORY Tariff	Unit	Cost Based Unit Rate [ak]	Annual Sales		Full year revenue (Rs. crores) [am]=[ak]*[al]
			Volume [al]	Unit	
<b>DOMESTIC</b>					
Up to 40 units/mth	P /kWh			GWh	
For others	P /kWh			GWh	
<b>NON-DOMESTIC</b>	P /kWh			GWh	
<b>H.T. INDUSTRY</b>					
70 kW and above	P /kWh			GWh	
Furnace	P /kWh			GWh	
Lift Irrigation	P /kWh			GWh	
<b>Special Agreement</b>					
Normal units	P /kWh			GWh	
Low surcharge	P /kWh			GWh	
High surcharge	P /kWh			GWh	
<b>L.T. INDUSTRY</b>					
Less than 70 kW	P /kWh			GWh	
<b>AGRICULTURE</b>					
<b>Metered</b>					
Up to 100'	P /kWh			GWh	
101' to 150'	P /kWh			GWh	
151' to 200'	P /kWh			GWh	
Over 200'	P /kWh			GWh	
<b>Un-metered</b>					
Up to 100'	Rs /BHP/mth			BHP (000's)	
101' to 150'	Rs /BHP/mth			BHP (000's)	
151' to 200'	Rs /BHP/mth			BHP (000's)	
Over 200'	Rs /BHP/mth			BHP (000's)	
<b>BULK SUPPLY</b>					
Other	P /kWh			GWh	
Bulk Domestic	P /kWh			GWh	
Bulk Non-domestic	P /kWh			GWh	
<b>VILLAGE CHAUPAL</b>					
Up to 40 units	P /kWh			GWh	
For others	P /kWh			GWh	
<b>RAILWAY TRACTION</b>					
kVA	Rs /kVA/mth			MVA	
Units	P /kWh			GWh	
<b>STREET LIGHTING SUPPLY</b>	P /kWh			GWh	
<b>MITC TUBEWELLS</b>					
Direct irrigation tubewells	P /kWh			GWh	
Augmentation canal	P /kWh			GWh	
<b>OTHER SALES (not included above)</b>	P /kWh			GWh	
<b>TOTAL</b>					

### Note

This table shows existing tariff structure and categories. In the event that the tariff structure or categories change, the table should be completed for the proposed tariff structure and categories

In the case of Traction, the annual total MVA sales are the sum of the 12 monthly sales

The unmetered agriculture full year revenue is the sum of the 12 monthly figures

Entries in this table should exclude surcharges for late payments

Data requirements are indicated by:

# Appendix 1: Form 1.7

## Subsidies and Cross-subsidies for Current Tariffs For a Full Year

CATEGORY  Tariff	Revenue Excluding External Subsidy  (Rs. crores)  [an]=[g]	Embedded Cost Based Revenue  (Rs. crores)  [ao]=[am]	External Subsidy  (Rs. crores)  [ap]=[h]	Undercharge After External Subsidy is Subtracted			Overcharge After External Subsidy is Subtracted			
				Amount of Undercharge  (Rs. crores)  [aq]=[ao]-[ap]-[an]	As % of Embedded Revenue  (%)  [ar]=[aq]/[ao]	Per unit of Electricity  (P/kWh)  [as]=[aq]/[d]	Amount of Overcharge  (Rs. crores)  [at]=[an]-([ao]-[ap])	As % of Embedded Revenue  (%)  [au]=[at]/[ao]	Per unit of Electricity  (P/kWh)  [av]=[at]/[d]	
<b>DOMESTIC</b>										
Up to 40 units/mth										
For others										
<b>NON-DOMESTIC</b>										
<b>H.T. INDUSTRY</b>										
70 kW and above										
Furnace										
Lift Irrigation										
Special Agreement										
<b>L.T. INDUSTRY</b>										
Less than 70 kW										
<b>AGRICULTURE</b>										
Metered										
Up to 100'										
101' to 150'										
151' to 200'										
Over 200'										
Un-metered										
Up to 100'										
101' to 150'										
151' to 200'										
Over 200'										
<b>BULK SUPPLY</b>										
Other										
Bulk Domestic										
Bulk Non-domestic										
<b>VILLAGE CHAUPAL</b>										
Up to 40 units										
For others										
<b>RAILWAY TRACTION</b>										
<b>STREET LIGHTING SUPPLY</b>										
<b>MITC TUBEWELLS</b>										
Direct irrigation tubewells										
Augmentation canal										
<b>OTHER SALES (not included above)</b>										
<b>TOTALS</b>										

### Note

In the case of un-metered irrigation use the estimate of kWh/BHP/mth from "Expected Revenue at Current Tariff Charges" to calculate under or over charge per kWh

In the case of Traction use the GWh figure from "Expected Revenue at Current Tariff Charges" to calculate under or over charge per kWh

Only fill in the Overcharge section for tariff classes which are overcharged

Only fill in the Undercharge section for tariff classes which are undercharged

External subsidy is a subsidy financed from sources other than other tariffs, e.g. GOH

Entries in this table should exclude surcharges for late payments

Data requirements are indicated by:

Appendix 1: Form 1.8

**Subsidies and Cross-subsidies for Proposed Tariffs**  
For a Full Year

CATEGORY  Tariff	Revenue Excluding External Subsidy  (Rs. crores)	Embedded Cost Based Revenue  (Rs. crores)	External Subsidy  (Rs. crores)	Undercharge After External Subsidy is subtracted			Overcharge After External Subsidy is subtracted		
				Amount of Undercharge  (Rs. crores)	As % of Embedded Revenue  (%)	Per unit of Electricity  (P/kWh)	Amount of Overcharge  (Rs. crores)	As % of Embedded Revenue  (%)	Per unit of Electricity  (P/kWh)
				$[az]=([ax]-[ay])-[aw]$	$[ba]=[az]/[ax]$	$[bb]=[az]/[I]$	$[bc]=[aw]-([ax]-[ay])$	$[bd]=[bc]/[ax]$	$[be]=[bc]/[I]$
	$[aw]=[m]$	$[ax]=[am]$	$[ay]=[n]$						
DOMESTIC									
Up to 40 units/mth									
For others									
NON-DOMESTIC									
H.T. INDUSTRY									
70 kW and above									
Furnace									
Lift Irrigation									
Special Agreement									
L.T. INDUSTRY									
Less than 70 kW									
AGRICULTURE									
Metered									
Up to 100'									
101' to 150'									
151' to 200'									
Over 200'									
Un-metered									
Up to 100'									
101' to 150'									
151' to 200'									
Over 200'									
BULK SUPPLY									
Other									
Bulk Domestic									
Bulk Non-domestic									
VILLAGE CHAUPAL									
Up to 40 units									
For others									
RAILWAY TRACTION									
STREET LIGHTING SUPPLY									
MITC TUBEWELLS									
Direct irrigation tubewells									
Augmentation canal									
OTHER SALES (not included above)									
TOTALS									

**Note**

This table shows existing tariff structure and categories. In the event that the tariff structure or categories change, the table should be completed for the proposed tariff structure and categories

In the case of un-metered irrigation use the estimate of kWh/BHP/mth from "Expected Revenue at Current Tariff Charges" to calculate under or over charge per kWh

In the case of Traction use the GWh figure from "Expected Revenue at Current Tariff Charges" to calculate under or over charge per kWh

Only fill in the Overcharge section for tariff classes which are overcharged

Only fill in the Undercharge section for tariff classes which are undercharged

External subsidy is a subsidy financed from sources other than other tariffs, e.g. GOH

Entries in this table should exclude surcharges for late payments

Data requirements are indicated by: