

**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 1: Aggregate Revenue Requirement - Summary Sheet**

Sr. No.	Particulars	Reference	True-Up Year (FY 2015-16)			MYT Control Period					Remarks
			Tariff Order	April - March (Audited)	Deviation	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	
			(a)	(b)	(c) = (b) - (a)	Projected	Projected	Projected	Projected	Projected	
1	Fuel Related Expenses		127.72	128.18	0.46	48.52	60.65	63.68	66.86	70.21	
2	Operation & Maintenance Expenses	Form 3	22.29	27.25	4.96	31.96	33.78	35.72	37.76	39.92	
2.1	Water Charges	Form 3.A & 3.A.1	0.00	0.76	0.76	0.84	0.92	1.02	1.12	1.23	
3	Depreciation	Form 5	21.64	20.04	(1.60)	20.19	20.98	22.26	23.44	25.22	
4	Interest Expenses / Interest & Finance Charges on Loan Capital	Form 6	3.54	9.62	6.08	12.91	11.90	11.57	10.93	11.03	
5	Interest on Working Capital	Form 2.4	3.13	10.85	7.72	5.24	5.47	5.75	6.04	6.35	
6	Special allowance in lieu of Renovation & Modernisation*		-	-	-	-	-	-	-	-	
7	SLDC Fees and Charges		0.06	0.03	(0.03)	0.06	0.07	0.07	0.07	0.08	
<b>8</b>	<b>Total Revenue Expenditure</b>		<b>50.66</b>	<b>68.55</b>	<b>17.89</b>	<b>71.20</b>	<b>73.12</b>	<b>76.38</b>	<b>79.36</b>	<b>83.83</b>	
9	Add: Return on Equity	Form 7	15.40	16.11	0.71	17.40	18.10	19.23	20.28	21.86	
10	Add: Income Tax		1.00	0.72	(0.28)	0.64	0.64	0.64	0.64	0.64	
11	Less: Non-Tariff Income	Form 8	3.33	1.81	(1.52)	1.81	1.81	1.81	1.81	1.81	
<b>12</b>	<b>Aggregate Revenue Requirement</b>		<b>63.73</b>	<b>83.57</b>	<b>19.84</b>	<b>87.43</b>	<b>90.05</b>	<b>94.44</b>	<b>98.48</b>	<b>104.52</b>	

Note: \* - Wherever applicable

**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 1.1: Summary of Tariff Proposal**

Sr. No.	Particulars	Previous Year	MYT Control Period					Remarks
		FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	
		Approved	Projected	Projected	Projected	Projected	Projected	
<b>1</b>	<b>Capacity (Fixed) Charges (in Rs. Crore)</b>	63.73	87.43	90.05	94.44	98.48	104.52	
<b>2</b>	<b>Energy Charge Rate ex-bus (Rs./kWh)</b>	4.05	2.50	2.62	2.75	2.89	3.03	
a	Station/Unit 1 (pls mention name)...							
b	Station/Unit 2 (pls mention name)...							
c	Station/Unit 3 (pls mention name)...							
	....							
	....							
<b>3</b>	<b>Other Charges (Rs./kWh)</b>							
a	Station/Unit 1 (pls mention name)...							
b	Station/Unit 2 (pls mention name)...							
c	Station/Unit 3 (pls mention name)...							
	....							
	....							

**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 2.1: Operational Parameters - Thermal Generation**  
**Dhuvaran CCPP 2**

Sr. No.	Particulars	Unit of Measurement	True-Up Year (FY 2015-16)			MYT Control Period					Remarks
			Tariff Order	April - March (Audited)	Deviation	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	
			(a)	(b)	(c) = (b) - (a)	Projected	Projected	Projected	Projected	Projected	
1	Total Capacity	MW	112	112		112	112	112	112	112	
<b>2</b>	<b>Availability</b>										
2.1	Target Availability for full recovery of AFC	%	85.00%	93.44%		85.00%	85.00%	85.00%	85.00%	85.00%	
2.2	Projected Availability	%	-	-	-	80.00%	80.00%	80.00%	80.00%	80.00%	
<b>3</b>	<b>Plant Load Factor (PLF)</b>										
3.1	Target PLF for Incentive	%	80.00%	32.94%		85.00%	85.00%	85.00%	85.00%	85.00%	
3.2	Projected PLF	%	-	-	-	21.00%	25.00%	25.00%	25.00%	25.00%	
<b>4</b>	<b>Gross Generation</b>										
4.1	Scheduled Generation	MU	325.33	325.33		837.30	837.30	837.30	837.30	837.30	
4.2	Projected Gross Generation	MU	-	-	-	206.86	246.27	246.27	246.27	246.27	
<b>5</b>	<b>Auxiliary Consumption</b>										
5.1	Normative Auxiliary Energy Consumption	%	3.00%	4.89%		6.00%	6.00%	6.00%	6.00%	6.00%	
5.2	Projected Auxiliary Energy Consumption	%	-	-	-	6.00%	6.00%	6.00%	6.00%	6.00%	
5.3	Projected Auxiliary Energy Consumption	MU	-	-	-	12.41	14.78	14.78	14.78	14.78	
5.4	Net Generation	MU				787.06	787.06	787.06	787.06	787.06	
<b>6</b>	<b>Gross Station Heat Rate</b>										
6.1	Normative Gross Station Heat Rate	kcal/kWh	1950	1957		1950	1950	1950	1950	1950	
6.2	Projected Gross Station Heat Rate	kcal/kWh	-	-	-	2000	2000	2000	2000	2000	
<b>7</b>	<b>Secondary Fuel Oil Consumption</b>										
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	0.00	0.00		0.00	0.00	0.00	0.00	0.00	
7.2	Projected Secondary Fuel Oil Consumption	ml/kWh	-	-	-	0.00	0.00	0.00	0.00	0.00	
<b>8</b>	<b>Lime stone consumption</b>										
	Lignite based stations using CFBC Technology										
8.1	Normative	kg/kWh	NA	NA		NA	NA	NA	NA	NA	
8.2	Projected	kg/kWh	-	-	-	NA	NA	NA	NA	NA	
<b>9</b>	<b>Transit and Handling Loss</b>										
9.1	Normative Transit Loss	%	0.00	0.00		0.00%	0.00%	0.00%	0.00%	0.00%	
9.2	Projected Transit Loss	%	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	
<b>10</b>	<b>Gas Booster Consumption</b>										
10.1	Normative	%	NA	NA		NA	NA	NA	NA	NA	
10.2	Projected	%	-	-	-	NA	NA	NA	NA	NA	

\* Figures must be as per norms approved in GERC (MYT) Regulations, 2016

**Note:** Operational data is to be submitted for each Unit of each station separately

**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 2.2: Energy Charges - Thermal Generation**  
**Dhuvaran CCPP 2**

Sr. No.	Item	Derivation	Unit	True-Up Year (FY 2015-16)	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Remarks
1	Total Capacity	A1	MW	112.45	112.45	112.45	112.45	112.45	112.45	
2	Actual PLF (for True up year) / Target PLF (for MYT Projection year)	A2	%	32.94%	21.00%	25.00%	25.00%	25.00%	25.00%	
3	Gross Generation	A=A1 x A2 x 8760 or 8784 (leap year)	MUs	325.33	206.86	246.27	246.27	246.27	246.27	
4	Auxiliary Consumption	C	%	4.89%	6.00%	6.00%	6.00%	6.00%	6.00%	
5	Auxiliary Consumption	B	MUs	15.92	12.41	14.78	14.78	14.78	14.78	
6	Net Generation	Y=A - B	MUs	309.41	194.45	231.49	231.49	231.49	231.49	
7	Station Heat Rate	D	Kcal/KWh	1,957	2,000	2000	2000	2000	2000	
8	Sp. Oil Consumption	E	ml/kWh	0.00	0.00	0.00	0.00	0.00	0.00	
9	Gross Calorific Value of Coal	F	kcal/kg	9,564	9,519	9,519	9,519	9,519	9,519	
10	Calorific value of Oil	G	kcal/l	0.00	0.00	0.00	0.00	0.00	0.00	
11	Overall Heat	H=A x D	G Cal	636670.81	413726.04	492531.00	492531.00	492531.00	492531.00	
12	Heat from Oil	I=(A x E x G)/1000	G Cal	0.00	0.00	0.00	0.00	0.00	0.00	
13	Heat from Coal	J=H-I	G Cal	636670.81	413726.04	492531.00	492531.00	492531.00	492531.00	
14	Transit losses	K	%							
15	Coal Blend									
16	A) Indigenous Coal	X1	%							
17	B) Washed Coal	X2	%							
18	C) Imported Coal	X3	%							
19	Actual Oil Consumption	L=A x E	kl							
20	Actual Coal Consumption	M=(J X 1000)/F	MT							
	Actual Gas Consumption		Gcal	66569.51	43463.14	51741.84	51741.84	51741.84	51741.84	
21	A) Indigenous Coal	Q1=M* x X1/(1-K)	MT	0.00	0.00	0.00	0.00	0.00	0.00	
22	B) Washed Coal	Q2=M* x X2 / (1-K)	MT	0.00	0.00	0.00	0.00	0.00	0.00	
23	C) Imported Coal	Q3=M* X X3	MT	0.00	0.00	0.00	0.00	0.00	0.00	
24	Price of Coal									
25	A) Indigenous Coal	P1	Rs/MT							
26	B) Washed Coal	P2	Rs/MT							
27	C) Imported Coal	P3	Rs/MT							
28	Price of Oil	P4	Rs/kl							
	Price of gas			19.26	11.16	11.72	12.31	12.92	13.57	
29	Coal cost									
30	A) Indigenous Coal	N1=Q1 X P1	Rs Lakh							
31	B) Washed Coal	N2=Q2 X P2	Rs Lakh							
32	C) Imported Coal	N3=Q3 X P3	Rs Lakh							
33	Total Coal Cost	N4=N1+N2+N3	Rs Lakh							
	Total Gas Cost		Rs Lakh	12818.00	4851.69	6064.61	6367.84	6686.23	7020.54	
34	Oil Cost	N5=P4 x L/10^5	Rs Lakh	0.00	0.00	0.00	0.00	0.00	0.00	
35	Other Charges (Please specify details)	N6	Rs Lakh							
36	Other Adjustments (Please specify details)	N7	Rs Lakh							
37	Total Fuel Cost	O=N4+N5+N6+N7	Rs Lakh	12818	4852	6065	6368	6686	7021	
38	Fuel Cost/Unit Gross	P=O/(A*10)	Rs/kWh	3.94	2.35	2.46	2.59	2.72	2.85	
39	Fuel Cost/Unit Net	Q=O/(Y*10)	Rs/kWh	4.14	2.50	2.62	2.75	2.89	3.03	
40	Cost of fuel/G.Cal	R=(O/H)*10^5	Rs/Gcal	2013.29	1172.68	1231.32	1292.88	1357.52	1425.40	
41	Actual Net Generation (for true up year only)	S	MUs	309.41	194.45	231.49	231.49	231.49	231.49	
42	Normative Fuel Cost for actual Net Generation (for true up year only)	T=S*Q/10	Rs. Crore	128.18	48.52	60.65	63.68	66.86	70.21	

\* Should be as per MYT Regulations. If there is any deviation, pls justify.

**NOTE:** Operational data is to be submitted for each Unit of each station separately

**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 2.3: Fuel Cost Details - Thermal Generation**  
**Dhuvaran CCPP 2**

Sr. No.	Particulars	Unit	True-Up Year (FY 2015-16)			MYT Control Period					Remarks
			Tariff Order	April-March (Audited)	Deviation	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	
			(a)	(b)	(c) = (b) - (a)	Projected	Projected	Projected	Projected	Projected	
1	Basic Cost	Rs/unit									
2	Freight	Rs/unit									
3	Freight Surcharge, if applicable	Rs/unit									
4	Fuel Handling Charges	Rs/unit									
5	Taxes and Duties (pl. specify details)	Rs/unit									
6	Any other charges (pl. specify details)	Rs/unit									
7	<b>Total Price excluding Transit &amp; Handling Loss</b>	Rs/unit									
8	<b>Transit &amp; Handling Loss</b>	%	<b>0.00</b>	<b>0.00</b>		<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	
9	<b>Total Price including Transit &amp; Handling Loss</b>	<b>Rs/unit</b>									

**Note:** This Fuel Price Break up should be submitted for each Unit/Station providing the break up of fuel price of primary fuel

**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 2.4: Interest on Working Capital - Thermal Generation (1 of 2)**  
**Dhuvaran CCPP 2**

**A. True-Up Year (FY 2015-16)**

(Rs. Crore)

Sr. No.	Particulars	Norm	True-Up Year (FY 2015-16)	
			Tariff Order	True-Up Petition
1	Target Availability (%)		85.00%	93.44%
2	Actual Generation (MU)		325.33	325.33
3	Cost of Coal/Lignite <sup>1</sup>			NA
4	Cost of Oil <sup>2</sup>			NA
5	Cost of Secondary Fuel Oil <sup>1</sup>			0.00
6	Fuel Cost <sup>3</sup>			27.57
7	Liquid Fuel Stock <sup>3</sup>			NA
8	O&M expenses			2.27
9	Maintenance Spares			9.17
10	Receivables			34.53
11	<b>Total Working Capital Requirement</b>			<b>73.54</b>
12	<b>Computation of Working Capital Interest</b>			
13	Interest Rate (%)			<b>14.75%</b>
14	<b>Interest on Working Capital</b>		<b>3.13</b>	<b>10.85</b>
15	<b>Actual Working Capital Interest as per Audited Accounts</b>	Not Applicable		

**Note:**

- 1 For Coal based/Lignite based generating stations
- 2 For Oil based generating stations
- 3 For Gas Turbine/Combined Cycle generating stations duly taking into account the mode of operation on gas fuel and liquid fuel
- 4 Submit this form for each station separately

**B. MYT Control Period FY 2016-17 to FY 2020-21**

**Form 2.4: Interest on Working Capital - Thermal Generation (2of 2)**

Sr. No.	Particulars	Norm	MYT Control Period				
			FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
			Projected	Projected	Projected	Projected	Projected
1	Target Availability (%)		80.00%	80.00%	80.00%	80.00%	80.00%
2	Generation (MU)		206.86	246.27	246.27	246.27	246.27
3	Cost of Coal/Lignite <sup>1</sup>						
4	Cost of Oil <sup>2</sup>						
5	Cost of Secondary Fuel Oil <sup>1</sup>						
6	Fuel Cost <sup>3</sup>		15.19	15.95	16.75	17.59	18.46
7	Liquid Fuel Stock <sup>3</sup>						
8	O&M expenses		2.66	2.82	2.98	3.15	3.33
9	Maintenance Spares		4.24	4.28	4.57	4.82	5.07
10	Receivables		22.69	23.68	24.85	26.04	27.43
11	<b>Total Working Capital Requirement</b>		<b>44.78</b>	<b>46.72</b>	<b>49.15</b>	<b>51.59</b>	<b>54.29</b>
	<b>Computation of Working Capital Interest</b>						
12	Interest Rate (%)		11.70%	11.70%	11.70%	11.70%	11.70%
13	<b>Interest on Working Capital</b>		<b>5.24</b>	<b>5.47</b>	<b>5.75</b>	<b>6.04</b>	<b>6.35</b>

**Note:**

- 1 For Coal based/Lignite based generating stations
- 2 For Oil based generating stations
- 3 For Gas Turbine/Combined Cycle generating stations taking into account the mode of operation on gas fuel and liquid fuel
- 4 Submit this form for each station separately

**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 2.9: % Annual PAF & PLF of Generating Stations**

**True-Up Year (FY 2015-16)**

<b>Sr. No.</b>	<b>Generating Station</b>	<b>PAF</b>	<b>PLF</b>
<b>1</b>	<b>Dhuvaran CCPP 2</b>	<b>93.44%</b>	<b>32.94%</b>

**Note:** This detail must be certified by SLDC.



**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 3: Operations and Maintenance Expenses Summary**  
**Dhuvaran CCPP 2**

(Rs. Crore)

Sr. No.	Particulars	Reference	True-Up Year (FY 2015-16)			MYT Control Period					Remarks
			Tariff Order	April-March (Audited)	Deviation	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	
			(a)	(b)	(c) = (b) - (a)	Projected	Projected	Projected	Projected	Projected	
1	O&M Expenses	Form 3.1	22.29	27.25							
1.1	Employee Expenses	Form 3.2		15.42							
1.2	A&G Expenses	Form 3.3		9.36							
1.3	R&M Expenses	Form 3.4		2.47							
2	Less: O&M Expense capitalised										
3	<b>Total Operation &amp; Maintenance Expenses (Net of Capitalisation)</b>		<b>22.29</b>	<b>27.25</b>	<b>4.96</b>	<b>31.96</b>	<b>33.78</b>	<b>35.72</b>	<b>37.76</b>	<b>39.92</b>	

**Note:** This form should be submitted for each station separately alongwith separate details for H.O. Expenses

**Form 3.A: Water Charges for the True-Up Year (FY 2015-16)**

Sr. No.	Name of Generating Station	Generation in MU	Water consumption in Cub.Mtr.	Water consumption in Cub.Mtr./MU	Rate of water in Rs./Cub.Mtr.	Amount of water charges in Rs. Crore	Tariff Order	April-March (Audited)	Deviation	Remarks
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h) = (f) - (g)	
1	<b>Dhuvaran CCPP 2</b>	325.33					0.00	0.76	(0.76)	

**Form 3.A.1: Water Charges for the MYT Period FY 2016-17 to FY 2020-21**

Sr. No.	Name of Generating Station	Projected Gross Generation in MU	Projected water consumption in Cub.Mtr. per MU	Projected rate of water in Rs./Cub.Mtr.	Projected cost of water consumption in Rs. Crore
1	<b>Dhuvaran CCPP 2</b>				
...	FY 2016-17	206.86			0.84
...	FY 2017-18	246.27			0.92
...	FY 2018-19	246.27			1.02
...	FY 2019-20	246.27			1.12
...	FY 2020-21	246.27			1.23

**Note:** The details should be submitted for all the years of MYT i.e. FY 2016-17 to FY 2020-21

**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 3.1: Normative O&M Expenses**  
**<Station-wise and H.O. Expenses>**

**A. For Existing Generating Stations**

(Rs. Crore)

Sr. No.	Particulars	Approved O&M Expenses			3-Year Average (d)=[(a)+(b)+ (c)]/3	Normative* FY 2015-16 (e)	MYT Control Period									
		FY 2012-13	FY 2013-14	FY 2014-15			FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20		FY 2020-21	
		(a)	(b)	(c)	Normative\$	Projected\$\$	Normative\$	Projected\$\$	Normative\$	Projected\$\$	Normative\$	Projected\$\$	Normative\$	Projected\$\$		
1	Employee Expenses#															
2	A&G Expenses (including insurance and excluding Water Charges)															
3	R & M Expenses															
4	<b>Total O&amp;M Expenses</b>	<b>28.33</b>	<b>24.62</b>	<b>23.23</b>	<b>25.39</b>	<b>28.38</b>	<b>30.00</b>	<b>31.96</b>	<b>31.72</b>	<b>33.78</b>	<b>33.54</b>	<b>35.72</b>	<b>35.45</b>	<b>37.76</b>	<b>37.48</b>	<b>39.92</b>

# 7th pay commission impact added in employee cost for FY 2016-17

**Notes:** This form should be submitted for each station separately alongwith separate details for H.O. Expenses

\* Normative O&M expenses for FY 2015-16 to be computed by escalating (d) by 5.72% twice

\$ Normative O&M expenses for each Year of the Control Period to be computed by escalating (e) by 5.72% year on year

\$\$ In case Projected O&M expenses for Control Period are different from Normative O&M expenses, then detailed justification should be provided

**B. For New Generating Stations**

Sr. No.	Particulars	Unit	Ensuing Years				
			FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
			Estimated	Projected	Projected	Projected	Projected
<b>A</b>	<b>Thermal Generating Stations</b>						
1	O&M Norms specified by the Commission (a)	Rs. Lakh/MW					
2	Installed Capacity (b)	MW					
2.1	Additional 4th and 5th Unit (0.90 x a)						
2.2	Additional 6th and more Unit (0.85 x a)						
3	O&M Expenses (c)	Rs. Crore					
<b>B</b>	<b>Hydro Generating Stations</b>						
1	O&M Norms specified by the Commission	%					
2	Original Project Cost	Rs. Crore					
3	O&M Expenses	Rs. Crore					

**Note:** Station/Unit-wise details to be provided above

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**Form 3.2: Employee Expenses**  
**Dhuvaran CCPP 2**

**Expenditure details**

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2015-16)		
		April-March (Audited)		
		Regulated Business	Non-regulated Business	Total (Audited)
1	Basic Salary			
2	Dearness Allowance (DA)			
3	House Rent Allowance			
4	Conveyance Allowance			
5	Leave Travel Allowance			
6	Earned Leave Encashment			
7	Other Allowances			
8	Medical Reimbursement			
9	Overtime Payment			
10	Bonus/Ex-Gratia Payments			
11	Interim Relief / Wage Revision			
12	Staff welfare expenses			
13	VRS Expenses/Retrenchment Compensation			
14	Commission to Directors			
15	Training Expenses			
16	Payment under Workmen's Compensation Act			
17	Net Employee Costs			
18	Terminal Benefits			
18.1	Provident Fund Contribution			
18.2	Provision for PF Fund			
18.3	Pension Payments			
18.4	Gratuity Payment			
18.5	Incentive			
19	Others (Pls. specify)			
<b>20</b>	<b>Gross Employee Expenses</b>			15.42
21	Less: Expenses Capitalised			0.00
<b>22</b>	<b>Net Employee Expenses</b>			15.42
<b>23</b>	<b>Total Gross Generation in MU</b>			<b>325.33</b>
<b>24</b>	<b>Employees Cost / Unit (22/23)</b>			0.47
<b>25</b>	<b>No. of Employees</b>			

**Note:** This form should be submitted for each station separately alongwith separate details for H.O. Exp

**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 3.3: Administration & General Expenses**  
**Dhuvaran CCPP 2**

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2015-16)		
		April-March (Audited)		
		Regulated Business	Non-regulated Business	Total (Audited)
1	Rent Rates & Taxes			
2	Insurance			
3	Telephone & Postage, etc.			
4	Legal charges & Audit fee (Break-up as per separate Table in Form 3.3.1)			
5	Professional, Consultancy, Technical fee			
6	Conveyance & Travel			
7	Electricity charges			
8	Water charges			
9	Security arrangements			
10	Fees & subscription			
11	Books & periodicals			
12	Computer Stationery			
13	Printing & Stationery			
14	Advertisements			
15	Purchase Related Advertisement Expenses			
16	Contribution/Donations			
17	License Fee and other related fee			
18	Vehicle Running Expenses Truck / Delivery Van			
19	Vehicle Hiring Expenses Truck / Delivery Van			
20	Cost of services procured			
21	Outsourcing of metering and billing system			
22	Freight On Capital Equipments			
23	V-sat, Internet and related charges			
24	Training			
25	Bank Charges			
26	Miscellaneous Expenses			
27	Office Expenses			
28	Others (Pls. specify)			
29	<b>Gross A &amp;G Expenses</b>			<b>9.36</b>
30	Less: Expenses Capitalised			0.00
31	<b>Net A &amp;G Expenses</b>			<b>9.36</b>

**Note:** This form should be submitted for each station separately alongwith separate details for H.O. Expenses

**Dhuvaran CCPP 2**

**MYT Petition, True-up Petition Formats - Generation**

**Form 3.4: Repair & Maintenance Expenses**

**Dhuvaran CCPP 2**

(Rs. Crore)

<b>Sr. No.</b>	<b>Particulars</b>	<b>True-Up Year (FY 2015-16)</b>
1	Plant & Machinery	
2	Buildings	
3	Civil Works	
4	Hydraulic Works	
5	Lines & Cable Networks	
6	Vehicles	
7	Furniture & Fixtures	
8	Office Equipment	
9	<b>Gross R&amp;M Expenses</b>	<b>2.47</b>
10	Gross Fixed Assets at beginning of year	421.94
11	R&M Expenses as % of GFA at beginning of year	0.58%

**Note:** This form should be submitted for each station separately

**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 4: Summary of Capital Expenditure and Capitalisation**  
**Dhuvaran CCPP 2**

(Rs. Crore)

Sr. No.	Particulars	MYT Control Period					Remarks
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	
		Projected	Projected	Projected	Projected	Projected	
1	Capital Expenditure	4.37	29.00	25.00	25.00	50.00	
2	Capitalisation	4.37	29.00	25.00	25.00	50.00	
3	IDC						
4	Capitalisation + IDC						

**Note:** Detail Justification shall be provided for variation in approved capital expenditure and capitalisation vis-a-vis actual capital expenditure and capitalisation  
This form should be submitted for each station separately

**Dhruvan CRR**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 4.1: Capital Expenditure Plan (1 of 2)**

**Project Details**

(Rs. Crore)

Project Code	Project Title	Project Purpose	Project Start Date			Project Completion date			Cost of the Project		
			Original	Revised	Actual	Original	Revised	Actual	Original	Approved	Difference = Actual - Approved
<b>FY 2016-17</b>											
a) Scheme 1											
b) Scheme 2											
...											
<b>FY 2017-18</b>											
...											
<b>FY 2018-19</b>											
...											
<b>FY 2019-20</b>											
...											
<b>FY 2020-21</b>											
...											
<b>TOTAL</b>											





**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 5: Assets & Depreciation (1 of 2)**  
**Dhuvaran CCPP 2**

**Fixed Assets and Depreciation (Station-wise) For True Up year and for each Year of MYT Control Period**

(Rs. Crore)

Particulars *	Gross Block			Depreciation					Applicable rate of Depreciation (%) *	Net Block	
	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year		As at the beginning of the Financial Year	As at the end of the Financial Year
Land											
Buildings											
Hydraulic works											
Other Civil Works											
Plant & Machinery											
Lines & Cables											
Vehicles											
Furniture & Fixtures											
Office Equipments											
Capital Expenditure on Assets not belonging to utility											
Spare Units											
Capital Spares											
<b>TOTAL</b>	<b>421.94</b>	<b>1.68</b>	<b>0.00</b>	<b>423.62</b>		<b>20.04</b>	<b>0.00</b>		<b>4.74%</b>		

\* The particular of asset and rate of depreciation should match with those provided in the applicable Tariff Regulations  
This form should be submitted for each station separately

**Form 5: Assets & Depreciation (2 of 2)**

**Fixed Assets and Depreciation (Company as a whole ) For True Up year and for each Year of MYT Control Period**

(Rs. Crore)

Particulars *	Gross Block			As at the end of the Financial Year	Depreciation			As at the end of the Financial Year	Applicable rate of Depreciation (%) *	Net Block	
	As at the beginning of the Financial Year	Additions	Deductions		As at the beginning of the Financial Year	Additions	Deductions			As at the beginning of the Financial Year	As at the end of the Financial Year
Land											
Buildings											
Hydraulic works											
Other Civil Works											
Plant & Machinery											
Lines & Cables											
Vehicles											
Furniture & Fixtures											
Office Equipments											
Capital Expenditure on Assets not belonging to utility											
Spare Units											
Capital Spares											
<b>TOTAL</b>											
<b>Total as per Audited Account (for True up year only)</b>	<b>16291.82</b>	<b>3503.40</b>	<b>0.00</b>	<b>19795.22</b>		<b>904.76</b>	<b>0.00</b>		<b>5.01%</b>		

\* The particular of asset and rate of depreciation should match with those provided in the applicable Tariff Regulations

**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 6: Interest Expenses (1 of 2)**

**A. Normative Loan**

(Rs. Crore)

Sr. No.	Source of Loan	True-Up Year (FY 2015-16)			MYT Control Period					Remarks
		Tariff Order	April-March (Audited)	Deviation	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	
		(a)	(b)	(c) = (b) - (a)	Projected	Projected	Projected	Projected	Projected	
1	Opening Balance of Normative Loan		53.22		134.35	117.22	116.54	111.79	105.84	
2	Less: Reduction of Normative Loan due to retirement or replacement of assets									
3	Addition of Normative Loan due to capitalisation during the year		101.18		3.06	20.30	17.50	17.50	35.00	
4	Repayment of Normative loan during the year		20.04		20.19	20.98	22.26	23.44	25.22	
5	Closing Balance of Normative Loan		134.35		117.22	116.54	111.79	105.84	115.62	
6	Average Balance of Normative Loan		93.79		125.79	116.88	114.17	108.81	110.73	
7	Weighted average Rate of Interest on actual Loans (%)		10.20%		10.19%	10.11%	10.05%	9.99%	9.91%	
8	Interest Expenses		9.56		12.81	11.81	11.47	10.87	10.97	
9	Finance Charges		0.06		0.10	0.09	0.10	0.06	0.06	
10	<b>Total Interest &amp; Finance Charges</b>	<b>3.54</b>	<b>9.62</b>	<b>6.08</b>	<b>12.91</b>	<b>11.90</b>	<b>11.57</b>	<b>10.93</b>	<b>11.03</b>	

**Form 6: Interest Expenses (2 of 2)**

**B. Existing Actual Long-term Loans**

(Rs. Crore)

Sr. No.	Source of Loan	Legend	True-Up Year (FY 2015-16)	MYT Control Period					Remarks
			April-March (Audited)	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	
				Projected	Projected	Projected	Projected	Projected	
<b>1</b>	<b>Source 1</b>								
1.1	Opening Balance of Loan	A1							
1.2	Addition of Loan during the year	B1							
1.3	Loan Repayment during the year	C1							
1.4	Closing Balance of Loan	D1=A1+B1-C1							
1.5	Average Loan Balance	E1=(A1+D1)/2							
1.6	Applicable Rate of Interest as on 1st April of the Financial Year	F1							
1.7	Interest Amount Paid in Rs. Crore	G1							
<b>2</b>	<b>Source 2</b>								
2.1	Opening Balance of Loan	A2							
2.2	Addition of Loan during the year	B2							
2.3	Loan Repayment during the year	C2							
2.4	Closing Balance of Loan	D2=A2+B2-C2							
2.5	Average Loan Balance	E2=(A2+D2)/2							
2.6	Applicable Rate of Interest as on 1st April of the Financial Year	F2							
2.7	Interest Amount Paid in Rs. Crore	G2							
<b>3</b>	<b>Source 3</b>								
...	...								
...	...								
...	...								
<b>10</b>	<b>Total</b>								
10.1	Opening Balance of Loan = A1+A2+.....	A							
10.2	Addition of Loan during the year = B1+B2+.....	B							
10.3	Loan Repayment during the year = C1+C2+.....	C							
10.4	Closing Balance of Loan	D=A+B-C							
10.5	Average Loan Balance	E=(A+D)/2							
10.6	Total Interest Amount Paid in Rs. Crore (for all the sources) = G1+G2+.....	G							
10.7	Effective Wt. Avg. Rate of Interest	$H=G/E * 100$		Not Applicable					
10.8	Effective Wt. Avg. Rate of Interest	$H=\frac{\sum(A_n * F_n)}{\sum A_n} * 100$	Not Applicable						
<b>9</b>	<b>Gross Interest Expenses</b>								
10	Less: Expenses Capitalised								
<b>11</b>	<b>Net Interest Expenses</b>								

**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 7: Return on Regulatory Equity**

(Rs. Crore)

Sr. No.	Particulars	Legend	True-Up Year (FY 2015-16)			MYT Control Period				
			Norm	Tariff Order	Claimed in Petition	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
						Projected	Projected	Projected	Projected	Projected
1	Regulatory Equity at the beginning of the year	A			106.48	123.63	124.94	133.64	141.14	148.64
2	Capitalisation during the year	B			<b>1.68</b>	4.37	29.00	25.00	25.00	50.00
3	Equity portion of capitalisation during the year	C			17.14	1.31	8.70	7.50	7.50	15.00
4	Reduction in Equity Capital on account of retirement / replacement of assets	D				0.00	0.00	0.00	0.00	0.00
5	Regulatory Equity at the end of the year	E=A+C-D			123.62	124.94	133.64	141.14	148.64	163.64
	<b>Return on Equity Computation</b>									
6	Return on Regulatory Equity at the beginning of the year	F			<b>14.91</b>	<b>17.31</b>	<b>17.49</b>	<b>18.71</b>	<b>19.76</b>	<b>20.81</b>
7	Return on Regulatory Equity addition during the year	G=(C-D)/2			1.20	0.09	0.61	0.53	0.53	1.05
8	<b>Total Return on Equity</b>				<b>15.40</b>	<b>16.11</b>	<b>17.40</b>	<b>18.10</b>	<b>19.23</b>	<b>21.86</b>

**Dhuvaran CCPP 2**  
**MYT Petition, True-up Petition Formats - Generation**  
**Form 8: Non-Tariff Income**  
**Dhuvaran CCPP 2**

(Rs. Crore)

Sr. No.	Particulars	Reference	True-Up Year (FY 2015-16)			MYT Control Period					Remarks
			MYT Order	April-March (Audited)	Deviation	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	
			(a)	(b)	(c) = (b) - (a)	Projected	Projected	Projected	Projected	Projected	
1	Income from Rents of land or buildings										
2	Income from Sale of Scrap										
3	Income from statutory investments										
4	Income from sale of ash/rejected coal										
5	Interest income on advances to suppliers/contractors										
6	Income from Rental from staff quarters										
7	Income from Rental from contractors										
8	Income from hire charges from contractors and others										
9	Income from advertisements, etc.										
10	Prior Period Income etc.										
11	...										
12	...										
	Others (Pls. specify)										
17	<b>Total</b>		<b>3.33</b>	<b>1.81</b>	<b>(1.52)</b>	<b>1.81</b>	<b>1.81</b>	<b>1.81</b>	<b>1.81</b>	<b>1.81</b>	

**Note:** This form should be submitted for each station separately