

Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount Allowed (Rs. in lakh)
			generator / feeder / transformer protection shall be installed in Main-I and Main-II (i.e. redundancy) and should be Numerical type relays due various advantages over electromagnetic / static relays like reliability, selectivity, cost effective and various information of fault is also provided by these relays. In the Year 2012-13, old EM relay was already replaced by Numerical Relay in Main-I Protection. In 2015-16, EM Relay of Main-II was replaced with ABB make Numerical Relay. Based on Indexation method, gross value of old assets is considered as Rs.99877 and WDV as Rs.13169.	Regulation 14(3)(viii) of the 2014 Tariff Regulations. The de-capitalization value of Rs. 1.00 lakh for old, replaced assets/works as claimed by the Petitioner appears to be on the lower side. Hence, considering the methodology described in paragraph 27 of this order below, the de-capitalization of the same has been considered as Rs. 1.95 lakh under 'Assumed deletions'.	
17	220V DC, 500AH lead acid battery bank with all accessories	14.53	The Petitioner has submitted that one number of 220V DC battery banks of 300 AH capacity Lead-Acid cells with associated chargers and DC distribution system are installed at Power House of generating station. These battery banks and associated chargers are used to provide the DC Power to 3 X 35 MW generating units Start – Stop circuits, various control and protection relays, Governing System, Excitation system (For field flashing) and even various control circuit of	Considering the additional capital expenditure incurred is necessary for the efficient operation of the generating station and hence the same is <b>allowed</b> under Regulation 14(3)(viii) of the 2014 Tariff Regulations. The de-capitalization value of Rs.2.41 lakh for old, replaced assets/works as claimed by the Petitioner appears to be on the lower	14.53
18	220V DC, float / float cum boost charger, three phase 415V AC, rating 50/80 Amp	5.69			5.69



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount Allowed (Rs. in lakh)
			132 kV Feeders. Old Battery Bank working since commissioning has already outlived their useful life. Previously it was felt several times that generating units was tripped to the fault in Charger and very less backup of Battery Bank. Hence to improve the system reliability, One set of 500 AH Battery Bank and associated Charger was purchased and replaced in the FY 2015-16. Based on Indexation method, gross value of old assets is considered as Rs.241036 and WDV as Rs.29967.	side. Hence, considering the methodology described in paragraph 27 of this order below, the de-capitalization of the same has been considered as Rs. 4.24 lakh under 'Assumed deletions'.	
19	Submersible pump 02 HP. Make- Modi (02 numbers)	0.00*	The Petitioner has submitted that old submersible pumps installed in the Cable Gallery of Powerhouse and outdoor drainage was faulty and was not in working conditions. So, these two pumps were replaced in 2015-16 to improve the system reliability and for continuous dewatering of seepage water. The old assets actually got deleted in the books of account during FY 2016-17 (gross value of old assets is considered as Rs.28961/-). Accordingly, the deletion of old assets is claimed as De-capitalization during FY 2015-16 and kept under exclusion during FY 2016-17.	The Petitioner has claimed expenditure amounting to Rs.2.38 lakh on accrual basis and this full amount is shown as un-discharge liability. It is noticed that Petitioner had claimed this amount as discharge of liability in 2016-17. It is further noticed that the Petitioner has de-capitalized an amount of Rs.0.29 lakh in 2015-16 and claimed the same under exclusion in 2016-17 i.e. actual year of capitalization of the asset. Considering the fact that the	0.00



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount Allowed (Rs. in lakh)
				additional capital expenditure incurred is necessary for the efficient operation of the generating station, the same is <b>allowed</b> on accrual basis, during 2015-16 and corresponding liabilities are allowed during 2016-17 under Regulation 14(3)(viii) of the 2014 Tariff Regulations. The de-capitalization value of Rs.0.29 lakh for old, replaced assets/works has been considered under 'Assumed deletions'.	
20	Guide vane lower ring assembly (drawing no. 51620100)	52.67	The Petitioner has submitted that as per IND AS accounting policy, spare parts procured along with mother plants or subsequently which meet the recognition criteria are capitalised. The carrying amount of those spare parts that are replaced is de-recognised when no future economic benefits are expected from their use. Accordingly, this spare is capitalised. The new Assets were purchased during 2015-16 and the same was put to use during 2015-16. Based on Indexation method, gross value of	Considering the additional capital expenditure under this head is in the nature of capital spares, the same is <b>not allowed</b> . The corresponding de-capitalization on account of the same is also <b>not allowed</b> .	0.00



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount Allowed (Rs. in lakh)
			old assets is considered as Rs.565155 and WDV as Rs.72880.		
21	132kV Current Transformer ratio-400.	3.49	The Petitioner has submitted that as per IND AS Accounting policy, spare parts procured along with mother plants or subsequently which meet the recognition criteria are capitalised. The carrying amount of those spare parts that are replaced is derecognised when no future economic benefits are expected from their use. Accordingly, this spare is capitalised. The new Assets were purchased during 2015-16 and the same was put to use during 2015-16. Based on Indexation method, gross value of old assets is considered as Rs.39517 and WDV as Rs. 5439.		0.00
	<b>Total amount claimed</b>	<b>676.37</b>			
	<b>Total amount allowed</b>				<b>442.48</b>

*\*The Un-discharge liabilities of these assets are claimed in 2016-17*

17. Based on the above, the total additional expenditure of Rs.450.66 lakh {Rs.8.18 lakh + Rs.442.48 lakh} in 2015-16 is allowed.

### 2016-17

18. The details of the actual additional capital expenditure claimed by the Petitioner in 2016-17 under the various provisions of Regulation 14(3) of the 2014 Tariff Regulations are examined below:



(Rs. in lakh)

Sl. No.	Regulation		2016-17
(a)	14(3)(iii)	Expenses incurred on account of need for higher security and safety of the plant as advised or directed by appropriate Govt. Agencies of statutory authorities responsible for national/ internal security	262.38
(b)	14(3)(viii)	Additional works/expenditure which has become necessary for efficient and successful operation of plant	329.47
<b>Total additional capital expenditure claimed</b>			<b>591.85</b>

**(a) Additional Capital Expenditure claimed under Regulation 14(3)(iii)**

Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount Allowed (Rs. in lakh)
<b>Items allowed in order dated 18.9.2015 in Petition No. 228/GT/2014</b>					
1	Construction of 5 barracks for CRPF.	69.44	These assets/works claimed were admitted vide order dated 18.9.2015 in Petition No. 228/GT/2014.	It is noticed that the additional capital expenditure claimed under this head was allowed for Rs.75 lakh and de-capitalization of Rs.6.46 lakh i.e.Rs.68.54 (75.00-6.46) lakh vide order dated 18.9.2015 in Petition No. 228/GT/2014 under Regulation 14(3)(viii) of the 2014 Tariff Regulations as the asset is necessary for the benefit of employees (families) working in remote areas of the generating station and in turn will ensure the successful and efficient operation of the plant. In view of this, the additional capital expenditure claimed is <b>allowed</b> under Regulation 14(3)(iii) of the 2014 Tariff Regulations. The de-capitalization value of Rs. 6.46	69.44



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount Allowed (Rs. in lakh)
				lakh for old replaced assets/works has been considered under 'Assumed deletions'.	
<b>New Items</b>					
2	Fencing of Left & Right bank of Power Channel (TDM bridge to Intake/ Emergency gate)	124.06	The Petitioner has submitted that the left & right bank of the Power Channel from TDM bridge to Intake/ Emergency Gate are not having any boundary wall /fencing to prevent localities/ others from fishing and other activities. Due to fishing, sometimes materials in the form of stones, nets etc., thrown in the power channel used to stuck on the intake steel trash rack and results in affecting the inflow of water into the tunnel for power generation. Moreover. the level of water in power channel during rainy seasons becomes higher and frequent movements of localities (including children's) in the absence of boundary walls, may also result in loss of life. Hence the work became necessary for security/safety point of view considering the depth and flow of water.	Considering the fact that the expenditure incurred is not directly related to the operation of the generating station and is in the nature of O&M expenses, the additional capital expenditure claimed is <b>not allowed</b> .	0.00
3	Construction of 1 number Watch Tower near Main Gate of Transport Yard.	7.11	The Petitioner has submitted that a strong earthquake was felt at generating station on 4.1.2016. Due to this, watch tower in Transport Yard was damaged completely.	Considering the fact that the additional capital expenditure incurred is necessary for the efficient operation of the generating station, the same is	7.11



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount Allowed (Rs. in lakh)
			The construction of watch tower is inevitable for security reasons. The Gross value of Old assets is Rs.3.94 lakh.	<b>allowed</b> under Regulation 14(3)(iii) of the 2014 Tariff Regulations. The de-capitalization value of Rs.3.94 lakh for old, replaced assets/works has been considered under 'Assumed deletions'.	
4	Construction of 1 number arms & ammunition room for CRPF at Ithai Barrage	19.38	The Petitioner has submitted that due to bad law and order situation in Manipur, CRPF has been deployed at Ithai barrage for safety and security of Barrage and colony. Previously there was no room for storage of magazine. Arms and ammunition required by CRPF are kept at CGI sheet made shed which is just adjacent to the kitchen (mess room). Due to this, construction of arms and ammunition room for CRPF at Ithai Barrage was become inevitable as per the requirement of CRPF.	Considering the fact that the expenditure incurred is not directly related to the operation of the generating station and is in the nature of O&M expenses, the additional capital expenditure claimed is <b>not allowed</b> .	0.00
5	Construction of 4 numbers watch tower for CRPF (2 numbers Loktak, 2 at Jeevan Nagar and Lamadan)	18.58	The Petitioner has submitted that CRPF based on their requirement has assessed/ proposed to construct 2 numbers of Watch Tower at Jeevan Nagar on priority for security reasons.	Considering the fact that the expenditure incurred is not directly related to the operation of the generating station and is in the nature of O&M expenses, the additional capital expenditure claimed is <b>not allowed</b> .	0.00
6	CO2 Fire Fighting System	23.02	The Petitioner has submitted that fire extinguishers were purchased for meeting the requirement of	Considering the fact that the additional capital expenditure incurred is necessary for the	23.02



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount Allowed (Rs. in lakh)
			safety of Powerhouse equipment as well as in the various premises of generating station, where installation of fresh fire extinguishers became mandatory for compliance of OHSAS and environment policy requirement. The Gross value of old assets is Rs.155064 and WDV as Rs.24.	safety and security of the generating station and hence the same is <b>allowed</b> under Regulation 14(3)(iii) of the 2014 Tariff Regulations. The de-capitalization value of Rs.1.55 lakh for old, replaced assets/works has been considered under 'De-capitalization'.	
7	Optical Zoom CCTV Cameras (2 numbers) for HOP office Building	0.79	The Petitioner has submitted that the generating station finds the existing cameras installed at the office campus are not sufficient to monitor/cover the entire area around the HOP office. These cameras cover the main entrance gate only and leaving the open area Infront of HOP office as well as corridor of Admin Office. There is regular movement of outsiders/localities for official meeting to HOP office and other division at Admin Office. Considering the law and order situation in Loktak Power Station, Manipur, two nos. of CCTV cameras are installed for safety and security of HOP office.	Considering the fact that the expenditure incurred is not directly related to the operation of the generating station and is in the nature of O&M expenses, the additional capital expenditure claimed is <b>not allowed</b> .	0.00
	<b>Total amount claimed</b>	<b>262.38</b>			
	<b>Total amount allowed</b>				<b>99.56</b>





**(b) Additional Capital Expenditure claimed under Regulation 14(3)(viii)**

<b>Sl. No.</b>	<b>Details of the claim</b>	<b>Amount claimed (Rs. in lakh)</b>	<b>Justification submitted by the Petitioner</b>	<b>Remarks on admissibility</b>	<b>Amount allowed (Rs. in lakh)</b>
<b>Items allowed in order dated 18.9.2015 in Petition No. 228/GT/2014</b>					
1	Bullet Proof Scorpio (1 number)	56.59	These assets/works claimed were admitted vide order dated 18.9.2015 in Petition No. 228/GT/2014.	It is noticed that the additional capital expenditure claimed under this head was allowed for Rs.50.00 lakh and de-capitalization of Rs.8.38 lakh i.e. Rs.41.62 (50.00-8.38) lakh in 2016-17 vide order dated 18.9.2015 in Petition No. 228/GT/2014 under Regulation 14(3)(viii) of the 2014 Tariff Regulations since the asset is considered necessary for efficient and successful operation of the generating station. In view of this, the additional capital expenditure claimed is <b>allowed</b> under Regulation 14(3)(viii) of the 2014 Tariff Regulations.	56.59
2	Purchase of 1 number 12.5 MT Hydraulic Slew Crane against replacement.	60.92	These assets/works claimed were admitted vide order dated 18.9.2015 in Petition No. 228/GT/2014.	It is noticed that the additional capital expenditure claimed under this head was allowed in 2015-16 for Rs.80.00 lakh and decapitalization of Rs.4.73 lakh i.e. Rs.75.27 (80.00-4.73) lakh by order dated 18.9.2015 in Petition No. 228/GT/2014 under Regulation 14(3)(viii)	60.92



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount allowed (Rs. in lakh)
				of the 2014 Tariff Regulations since the asset is considered necessary for efficient and successful operation of the generating station. In view of this, the additional capital expenditure incurred is <b>allowed</b> under Regulation 14(3)(viii) of the 2014 Tariff Regulations. The de-capitalization value of Rs.4.73 lakh for old, replaced assets/works has been considered under 'De-capitalization'.	
3	Purchase of one number 10-seater boat with self-starter motor and accessories etc.	12.50	These assets/works claimed were admitted vide Tariff order dated 18.9.2015 in Petition No. 228/GT/2014.	It is observed that the additional capital expenditure claimed under this head for Rs.20.00 lakh and de-capitalization of Rs.1.95 lakh i.e. Rs.18.05 (20.00-1.95) lakh in 2015-16 by order dated 18.9.2015 in Petition No. 228/GT/2014 under Regulation 14(3)(viii) of the 2014 Tariff Regulations since the asset is considered necessary for efficient and successful operation of the generating station. In view of this, the additional capital expenditure	12.50



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount allowed (Rs. in lakh)
				incurred is <b>allowed</b> under Regulation 14(3)(viii) of the 2014 Tariff Regulations. The de-capitalization value of Rs.1.95 lakh for old replaced assets/works has been considered under 'De-capitalization'.	
<b>New Items</b>					
4	Executive field hostel at Loktak (16 quarters).	21.40	The Petitioner has submitted that the existing structures of generating station was constructed during the period of 1975-76 and most of these quarters are made of ekra walling with wooden structure and CGI Sheet roofing. These structures have outlived their useful life and not worth for economical repairs. There is a potential danger of collapsing/ damaging of these structures if a heavy cyclonic wind is experienced in the region. Considering all the factors recorded above construction of field hostel was become necessary. The Gross value of old assets is considered Rs.595308 and WDV as Rs.59531. The partial amount of executive field hostel has been capitalised during FY 2016-17 (balance amount).	Considering the fact that the additional capital expenditure incurred is necessary for the employees of the generating station and in turn will contribute to the efficient operation of the generating station, the claim of the Petitioner is <b>allowed</b> under Regulation 14(3)(viii) of the 2014 Tariff Regulations. The de-capitalization value of the asset has been dealt with in 2015-16.	21.40
5	11 KV VCB Panel for	4.48	The Petitioner has submitted that the OCBs	Considering the fact that the additional	4.48



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount allowed (Rs. in lakh)
	DPH, Loktak		have been in operation since commissioning. As the OCBs were outlived their useful lives and the spare parts of those OCBs are also not available in the market. Hence, replacement of 2 numbers VCB are inevitable to avoid any unanticipated problems and accident. Based on Indexation method, the gross value of old asset is considered as Rs.57742 and WDV as Rs.6510.	capital expenditure incurred is necessary for the safety and security of the generating station, the same is <b>allowed</b> under Regulation 14(3)(iii) of the 2014 Tariff Regulations. The de-capitalization value of Rs.0.58 lakh for old, replaced assets/works as claimed by the Petitioner appears to be on the lower side. Hence, considering the methodology described in paragraph 27 of this order below, the de-capitalization of the same has been considered as Rs.0.90 lakh under 'Assumed deletions'.	
6	Water Cooling Pump- Motor Set (1 number)	13.25	The Petitioner has submitted that total four numbers of cooling water pump motor sets are installed for cooling water supply to various coolers of bearing and stator air cooler. Pumps are in operation since commissioning and almost outlived their life. Out of four pumps two numbers of pump-motor pump sets were already replaced. The replacement of other two nos. is required due to reduction of efficiency in cooling water pump Set. The gross value of old asset is Rs.470080.	Considering the fact that the additional capital expenditure incurred is necessary for the safety and security of the generating station, the same is <b>allowed</b> under Regulation 14(3)(iii) of the 2014 Tariff Regulations. The de-capitalization value of Rs.4.70 lakh for old, replaced assets/works has been considered under 'De-capitalization'.	13.25



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount allowed (Rs. in lakh)
7	LT Distribution Panel, 440V	6.69	The Petitioner has submitted that all LT distribution panels were purchased 40 years back. There are oil circuit breakers which creates lot of problems during switching on and off. Two numbers LT distribution panels have been purchased for smooth power supply at colony and office and other establishment areas.	Considering the fact that the expenditure incurred is not directly related to the operation of the generating station and is in the nature of O&M expenses, the additional capital expenditure claimed is <b>not allowed</b> .	0.00
8	Biometric Machines (10 numbers) - Finger Print Reader with smart card reader facility	4.68	The Petitioner has submitted that attendance through Biometric Machine of the employees in Government Office became mandatory as per Gol guidelines. Accordingly, Corporate Office vide Circular No.64/2014 dated 21.11.2014 and further as per IOM Reference No.PPL-501/236 dated 29.12.2014 instructed to install appropriate numbers of Biometric Machines for attendance capturing of employees. Initially, generating station finds the requirement of 5 numbers of Biometric Machines considering the different locations/sites. Further HR division, facing the constraints and insufficiency of machines, identified the additional requirement of 5 numbers of Biometric Machines	Considering the fact that the additional capital expenditure incurred is not directly related to the efficient operation of the generating station and is in the nature of O&M expenses, the additional capital expenditure claimed is <b>not allowed</b> .	0.00



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount allowed (Rs. in lakh)
9	Switch/Server Rack (27U)	0.66	The Petitioner has submitted that the existing LAN system at generating station administrative office comprises of multiple servers and clients. Earlier, the servers were kept in open tables and the management used to be done separately for each server. Since these servers are the backbone of the entire network, hence the same are required to be kept inside a server/switch rack, so that their management/maintenance can be done centrally through KVM switch. Hence the purchase of Switch/Server Rack became essential.	Considering the additional capital expenditure incurred by the Petitioner is not directly related to the efficient operation of the generating station and is in the nature of O&M expenses, the additional capital expenditure claimed is <b>not allowed</b> .	0.00
9	OTDR Machine for Optical Fibre Cable	3.83	The Petitioner has submitted that the existing LAN system in Loktak Power Station connects various remote locations by using Optical Fiber Cable and also the main communication link between Loktak Admin Office and Leimatak Powerhouse is through OFC cables via 11 KV Poles. Whenever there is breakdown in the fibre networks, it becomes difficult to trace the breakdown points in the absence of OTDR (Optical Time Domain Reflectometer) machine. Hence to reduce fibre downtime as well as for	Considering the additional capital expenditure incurred is not directly related to the efficient operation of the generating station and is in the nature of O&M expenses, the additional capital expenditure claimed is <b>not allowed</b> .	0.00



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount allowed (Rs. in lakh)
			maintaining the smooth communication links, there is an urgent requirement of OTDR with all accessories in the office.		
10	Fusion Splicing Tool for OFC	2.30	The Petitioner has submitted that the existing LAN system in generating station connects the various remote locations by using the Optical Fibre Cable (OFC) and also the main communication link between Loktak Admin Office and Leimatak Power Hoyyuse is through OFC Cables via 11 KV Poles. These OFC links are required to be maintained properly so that OFC down time is minimum. Whenever OFC cables are cut/broken or if a new LAN point is to be extended with OFC Cable, the fibre cable are required to be joined with a specialized tool i.e. Fibre fusion splicer machine. Being a remote location, such tools are not easily available in the state of Manipur and in case a fibre breakdown occurs, the network could be resumed only on the availability of Splicer Machine. Till the time the LAN as well as communication system remains interrupted in the Power Station, the telephone lines, internet,	Considering the fact that the expenditure incurred is not directly related to the operation of the generating station and is in the nature of tools and tackles, the additional capital expenditure claimed is <b>not allowed</b> .	0.00



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount allowed (Rs. in lakh)
			ERP etc. remain unavailable for use for long time. Considering these factors, the purchase of Fusion Splicing Tool for OFC became inevitable.		
11	14 Nos.120 kV, 10 kA, CLASS-III , Metal oxide lightning arrester-MAKE: ELPRO , MODEL: 9L12BNH120	1.36	The Petitioner has submitted that as per IND AS Accounting policy, Spare parts procured along with mother plants or subsequently which meet the recognition criteria are capitalised. The carrying amount of those spare parts that are replaced is derecognised when no future economic benefits are expected from their use. Accordingly, this spare is capitalised. The Assets has been purchased during 2016-17 and the same was put to use during 2016-17. Based on Indexation method, gross value of old assets is considered as Rs.14632 and WDV as Rs.1788.	Considering the additional capital expenditure under this head is in the nature of capital spares, which are claimed after the cut-off date, the same is <b>not allowed</b> . The corresponding de-capitalization on account of the same is also <b>not allowed</b> .	0.00
12	132kV Current Transformer ratio-400.	41.86	The Petitioner has submitted that s per IND AS Accounting policy, Spare parts procured along with mother plants or subsequently which meet the recognition criteria are capitalised. The carrying amount of those spare parts that are replaced is derecognised when no future economic benefits are expected from their use. Accordingly, this	Considering the additional capital expenditure under this head is in the nature of capital spares, claimed after the cut-off date, the same is <b>not allowed</b> . The corresponding de-capitalization on account of the same is also <b>not allowed</b> .	0.00





Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount allowed (Rs. in lakh)
			spare is capitalised. The Assets has been purchased during 2016-17 and the same was put to use during 2016-17. Based on Indexation method, gross value of old assets is considered as Rs.474207 and WDV as Rs.58404.		
13	Generator bearing oil cooler (GBOC), 66C.392.368 (02 Nos)	70.25	The Petitioner has submitted that Generator bearing oil coolers are being used for cooling the oil circulated in the thrust bearing, upper guide bearing and lower guide bearing of machine. The generator bearing oil coolers installed in PS were being used since commissioning of the project. Due to ageing and erosion of the copper nickel pipes of the coolers, leakage occurred and got mixed with turbine oil which resulted in heavy losses of turbine oil. Further, use of leaked tubes decreased the efficiency of heat exchange and led to overall high bearing temperatures and efficiency loss of the machines. As per record available, thrust bearing temperature was getting increased up to 84 degree in summer. To increase the cooling requirements and to reduce other detrimental effects, one no. of Generator bearing oil	Considering the additional capital expenditure under this head is in the nature of capital spares, claimed after the cut-off date, the same is <b>not allowed</b> . The corresponding de-capitalization on account of the same is also <b>not allowed</b> .	0.00



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount allowed (Rs. in lakh)
			cooler (01 Set) got replaced in 2013-14 and two Sets for Unit # 2 and Unit # 3 were replaced in 2014-15 for improving the overall efficiency and reduction of generation losses. As per IND AS Accounting policy, Spare parts procured along with mother plants or subsequently which meet the recognition criteria are capitalised. The carrying amount of those spare parts that are replaced is derecognised when no future economic benefits are expected from their use. Accordingly, this spare is capitalised. Based on Indexation method, gross value of old assets is considered as Rs.795798 and WDV as Rs.106849. This is in terms of change in Accounting policies as per guidelines of IND AS for PPE treatment.		
14	Generator bearing oil cooler (GBOC), 66C.392.368	28.71	The Petitioner has submitted that as per IND AS Accounting policy, Spare parts procured along with mother plants or subsequently which meet the recognition criteria are capitalised. The carrying amount of those spare parts that are replaced is derecognised when no future economic benefits are expected from their use. Accordingly, this	Considering the additional capital expenditure under this head is in the nature of capital spares, claimed after the cut-off date, the same is <b>not allowed</b> . The corresponding de-capitalization on account of the same is also <b>not allowed</b> .	0.00



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount allowed (Rs. in lakh)
			spare is capitalised. The new Assets were purchased during 2013-14 which was kept under exclusion and now the same was put to use during 2016-17. Based on Indexation method, gross value of old assets is considered as Rs.35464 and WDV as Rs. 5190.		
	<b>Total amount claimed</b>	<b>329.47</b>			
	<b>Total amount allowed</b>				<b>169.13</b>

19. Based on the above, the total additional expenditure of Rs.268.70 lakh {Rs.99.56 lakh +Rs.169.13 lakh} in 2016-17 is allowed.

#### 2017-18

20. The details of the actual additional capital expenditure claimed by the Petitioner in 2017-18 under the various provisions of Regulation 14(3) of the 2014 Tariff Regulations are examined below:

			(Rs. in lakh)
Sl. No.	Regulation		2017-18
(a)	14(3)(iii)	Expenses incurred on account of need for higher security and safety of the plant as advised or directed by appropriate Govt. Agencies of statutory authorities responsible for national/ internal security	45.75
(b)	14(3)(viii)	Additional works/expenditure which has become necessary for efficient and successful operation of plant	354.70
<b>Total additional capital expenditure claimed</b>			<b>400.45</b>

#### (a) Additional Capital Expenditure claimed under Regulation 14(3)(iii)



Sl. No.	Details of the claim	Amount claimed (Rs. in lakh)	Justification submitted by the Petitioner	Remarks on admissibility	Amount allowed (Rs. in lakh)
<b>New Items</b>					
1	Providing and fixing of RBT concertina coil fencing along boundary wall at Ithai (102/001879)	30.51	The Petitioner has submitted that due to bad law and order in Manipur and for security reasons it is necessary to have fencing of the boundary wall at Itahi. This was not envisaged earlier during the filing of Tariff Petition.	Considering the fact that the assets/ works are necessary for the safety and security of the generating station and is in terms of the recommendations of the Central Security agency, the additional capital expenditure claimed is <b>allowed</b> under Regulation 14(3)(iii) of the 2014 Tariff Regulations.	30.51
2	Construction of damaged watch tower at Transport Yard at Loktak (102/001837)	13.33	The Petitioner has submitted that due to bad law and order in Manipur and for security reasons it was necessary to construct Watch Tower for CRPF at Loktak on priority.	Considering the fact that the expenditure incurred is not directly related to the operation of the generating station and is in the nature of O&M expenses, the additional capital expenditure claimed is <b>not allowed</b> .	0.00
3	2 MP IP PTZ HD outdoor CCTV camera, DS-2DE52201-AE at Ithai Barrage.	1.91	The Petitioner has submitted that in view of security threats due to bad law and order situations in Manipur, various vulnerable location of the Project, Itahi Barrage and Power House areas were kept under CCTV Surveillance so that the critical areas near to Power station could be closely monitored by the department.		0.00
	<b>Total amount claimed</b>	<b>45.75</b>			
	<b>Total amount allowed</b>				<b>30.51</b>

**(b) Additional Capital Expenditure claimed under Regulation 14(3)(viii)**

