

| Point no | Additional information/Clarification | Response |
|----------|---|---|
| 1 | Copy of Audited Annual Accounts for FY 2014-15 may be furnished | Attached as annexure 24 |
| 2 | Break-up of KJ consumers in terms of no. of consumers in KJ rural and KJ urban may be furnished. Category wise no. of consumers in DF area has not been furnished, this may be furnished. Refer to Table 6 of the Petition | Details attached as Annexure 36 |
| 3 | Number of consumers for Hoardings & Banners is separately required which are included under NDS-II consumers. Refer to Table 6 of the Petition | At present there is no separate tariff for hoardings and banners hence data related to the number of hoardings and banners are currently not available. |
| 4 | Break-up of connected load of KJ consumers in terms of connected load in KJ rural and KJ urban may be furnished. The connected load of KJ consumers shown in the Table 7 is not in conformity with No. of KJ consumers as average connected load comes to 733 watt (307132/4U817) which is much more than permissible load {100 W or 60W) for KJ consumers, this may be re-examined and clarified. Category wise connected load of consumers under DF area may be furnished. Refer to Table 7 of the Petition | Data provided. |
| 5 | Connected load for Hoardings & Banners are separately required which are included under NDS-11 consumers. Refer to Table 7 of the Petition | At present there is no separate tariff for hoardings and banners hence data related to the number of hoardings and banners are currently not available. |
| 6 | Break-up of sales to KJ consumers in terms of sales to KJ rural and KJ urban is required | Data provided. |

| Point no | Additional information/Clarification | Response |
|----------|--|---|
| 7 | Sales for Hoardings & Banners are separately required which are included under NDS-11 consumers. Category wise sales to consumers under DF area be submitted.Refer to Table 8 of the Petition | At present there is no separate tariff for hoardings and banners hence data related to the number of hoardings and banners are currently not available. |
| 8 | SL No 22 of the Table shows that sale to DF is 1011.39 MU. Copy of Invoices as supporting paper may be furnished. Refer to Table 8 of the Petition | Invoice included in Annexure 29 (Bhagalpur) & 29B (Gaya) |
| 9 | Copy of Power Purchase bills pertaining to all sources shown in table 11 may be submitted | Invoices included in Annexure 22 |
| 10 | <p>Energy Balance Table 12 of the petition</p> <p>a. While computing distribution loss, Energy sales including sales under UI and DF has been considered whereas sales excluding sales under UI and DF should have been considered, which may be checked and clarified.</p> <p>b. How CTU Transmission loss of 259.67 MU (Sl. No J) is arrived and on which quantum of energy CTU transmission loss of 2:47% is applied may be clarified</p> <p>c. State transmission loss has been shown as 4.97% whereas BSPTCL has claimed loss of 4.65% which is also adopted by NBPDC. This may be clarified.</p> | <p>a) Revised table 12 has been attached as annexure 2</p> <p>b)CTU loss of 259.67 MU has been taken from the REA (annexure -17)</p> <p>c)STU loss of 530.249 MU has been taken from the REA (annexure -17)</p> |

| Point no | Additional information/Clarification | Response |
|----------|--|---|
| 11 | Para 3.6.3: Copy of PPAs in support of power purchase from Long/Medium/Short term sources (GMR, Mittal Processors Pvt. Ltd, Manikaran, RAO MPPTCL Jabalpur) may be submitted. Further, details of energy scheduled, actual drawl, over-drawl and under drawl be furnished. | PPA of GMR included in Annexure20 , the other power purchase are collective and does not have a PPA. details of energy scheduled, actual drawl, over-drawl and under drawl furnished in Annexure 20 B |
| 12 | In Table 11 of the petitioner, 51. No-IX, adjustment of 14.40 MU has been shown as "NBPDC (Power Purchase adjustment)". Detail of this adjustment with supporting documents, if any, may be submitted. | Excess power purchase is adjusted, Details attached as annexure 18 |
| 13 | Para 3.8: Details of REA for FY 2014-15 may be submitted | REA included in Annexure 21 |
| 14 | Whether Total power purchase cost shown in the table is net of rebate/penalty may be clarified. Refer to Table 13 of the Petition | Rebate/penalty is not included in the power purchase |
| 15 | Para 3.9: Copy of bills of PGCIL, ERLDC, POSOCO and Open Access charges may be submitted. | Invoices included in Annexure 22 |
| 16 | Amount of late payment charges paid towards Power Purchase, if any from various sources during FY 2014-15 may be provided | No LPS paid, details attached in annexure 12 |
| 17 | Table-16: Additional Power Purchase due to excess distribution loss is shown as 3617.61 MU. How this is computed may be given in detail | Revised table 16 and the detailed calculation is attached in Annexure 3 |
| 18 | Table-17: Schemes-wise work-wise details of capital expenditure along with source of funding for FY 2014-15 may be provided. | Details attaches in annexure 19 |
| 19 | Details of source wise Loans including interest rate may be furnished | Details included in Annexure 10 |

| Point no | Additional information/Clarification | Response |
|----------|---|---|
| 20 | Details of other charges of Rs. 0.85 crore (Table 21, 51. No 6) claimed in truing-up for FY 2014-15 may be furnished. | Details included in Annexure 13 |
| 21 | Table 24: Certificate in respect of fact that fine/penalties by any court is not included in A&G expenses may be furnished. | Certificate included in Annexure 30 |
| 22 | R&M Lines and cable network claimed in Table 23 for FY 2014-15- Rs. 34.65 crore: Work- wise details may be furnished. It may be confirmed that cost of new equipment is not included in R&M expenses | Cost of new equipment not included in R&M. Details included in Annexure 14 |
| 23 | Table 26: Basis of allocation of holding company expenses with supporting documents may be furnished | Details in annexure 27 |
| 24 | Table 29: Rate of interest on working capital has been taken as 14.75% whereas in para 3.20.2 applicable rate of interest has been mentioned to be 13%. It may be clarified. | Rate of interest considered is 14.75%, please ignore 13% mentioned in para 3.20.2 |
| 25 | Income from Theft/Pilferage of Energy has been shown as NIL. This may be checked and clarified. Refer to Table 33 of the Petition | No separate accounting for income from theft/pilferage has been done |
| 26 | Whether Miscellaneous Receipts does not include collection against 126/135 of the Act, a certificate stating that Miscellaneous Receipts does not include collection against 126/135 of the Act may be submitted. Refer to Table 33 of the Petition | Income from theft/pilferage has been included in the head <i>Miscellaneous charges from consumers</i> . |
| 27 | Equity- Relevant Govt. Orders may be furnished. | Details included in Annexure 28 |

| Point no | Additional information/Clarification | Response |
|----------|---|---|
| 28 | Table-32: Prior Period income of Rs. 276.76 crore and prior period expenses of Rs. 363.68 crore, Details may be furnished. If the prior period expenses include power purchase cost, bill wise details to substantiate the claim may be furnished | Details included in Annexure 15 |
| 29 | Employee Expenses includes terminal benefit, item wise break up included under this head along with actuarial valuation may be submitted for FY 2014-15 to FY 2018-19. | Details included in Annexure 16 |
| 30 | The actual category wise number of consumers existing as on 30.09.2015 (at the end of 1st Half of FY 2015-16) and category wise sales as on 30.09.2015 may be provided. | Detailed response provided as Annexure 37 |
| 31 | Para 4.2.1: Segregation of KJ Rural and KJ Urban to be electrified may be furnished | Details provided in annexure 38 |
| 32 | Table 36: Basis for category wise projection of no of consumers including DF area may be furnished. | Detailed response provided in annexure 33 |
| 33 | Para 4.7.2: Copy of BSPHCL resolution No 29-07 may be furnished | Details included in Annexure 23 |
| 34 | Table 41: Details of Power Purchase quantum (MU) including PLF, Auxiliary consumption, Net Generation, Number of days of availability, Allocation and SBPDCL, date of commissioning (CoD) of each unit of the following stations and the allocated share to Bihar may be furnishd | Detailed attached in annexure 34 |
| 35 | Table 43: Power Purchase cost in the Format 5 Appended with MYT Regulations 2015 may be furnished | Detailed attached as Annexure 31 |

| Point no | Additional information/Clarification | Response |
|----------|---|---|
| 36 | How the quantum of 3113.69 MU on account of additional power purchase due to excess distribution loss is arrived may be explained in detail. Refer table 45 of the petition. | detailed calculation is attached in Annexure 11 |
| 37 | Table 48: Separate detail of fully depreciated asset along with year of commissioning and year of attaining 90% depreciation may be furnished | Separate details of fully depreciated asset along with year of commissioning are currently not available. |
| 38 | The detailed computation of revenue from sale of power may be provided in Excel Format sub-slab category wise number of consumers, energy sales (MU), connected load (KW), Fixed Charges, Energy Charges etc. Refer table 60 of the petition | Provided |
| 39 | Para 4.10: Calculation of Transmission Charges may be furnished. | Detailed response provided in Annexure 32 |
| 40 | Table 49: Rate of Interest on Loans has been taken as 12% whereas under Para 4.16 of the Petition it is stated that "Petitioner has considered 13.5% as the average rate of interest for existing as well as new loans" this may be clarified | 12 % interest rate has been considered on loan, please ignore the 13.5% mentioned in para 4.16 |
| 41 | Table 54: Clarification on basis of allocation of Holding Company Expenses along with supporting paper may be furnished | Details provided in Annexure 27 |
| 42 | Trial Balance for 1st Half year i.e. from 01.04.2015 to 30.09.2015 showing all the P&L and balance sheet and accounts may be provided | Not compiled yet. As software augmentation is under trail |

| Point no | Additional information/Clarification | Response |
|----------|--|---|
| 43 | Trial Balance upto end of 31st December 2015 i.e. from 01.04.2015 to 31.12.2015 may also be provided | Not compiled yet. As software augmentation is under trail |
| 44 | Table 67:Basis for projection of category wise no of consumers for FY 2016-17 to FY 2018- 19 including category wise projection of no. of consumers under DF area may be furnished. | Detailed response provided in Annexure 33 |
| 45 | Table 70&71: Table showing calculation for category wise projection of sales and connected load may be furnished | Detailed response provided in Annexure 33 |
| 46 | Table 76: DPR for 24x7 PFA may be submitted. Further, as shown in Para 5.5, the loss level is proposed to be 32.74% at the end of 2018-19 which is against the target of 24x7 PFA. This may be clarified | 24 X 7 PF Attached as annexure 26, |
| 47 | Table 136: It is proposed that 200 MW Power from Adani Enterprises Ltd (AEL) will be available in FY 2017-18 and 2015-19 but against this PPA with AEL to be expired in FY 2016-17. This may be examined and clarified. PPAs of all plants shown in table 136 and details such as capacity, allocation, Auxiliary consumption, unit generated (available) may be submitted | Existing PPA with AEL has been extended up to June 2016 with the approval of Hon BERC. Soft copy of PPA of all plants provided. |
| 48 | Table 138: Figures given in table seems to be wrong and needs to be checked, this may be checked and confirmed | Table 138 has been revised and attached in annexure 7 |

| Point no | Additional information/Clarification | Response |
|----------|---|---|
| 49 | Table 140: The plant wise energy availability shown for FY 2016-17, FY 2017-18 and FY 2018-19 may be furnished in Excel Format clearly showing the PLF, auxiliary consumption, number of days of availability allocation to Bihar and share of SBPDCL considered | Provided |
| 50 | Table 142: No Escalation in Power Purchase rate and cost has been considered this may be verified and confirmed. Further, the Power Purchase cost year-wise may be provided in Excel Format clearly exhibiting station wise total fixed charges, percentage (%) allocation to Bihar, Percentage (%) allocation to SBPDCL and per unit variable energy charges | Excel Sheet provided |
| 51 | Table 147: Separate detail of fully depreciated asset along with year of commissioning and year of attaining 90% depreciation may be furnished. | Separate details of fully depreciated asset along with year of commissioning are currently not available. |
| 52 | Table 151: Details of appointment made in FY 2014-15 and FY 2015-16 such as copy of advertisement, name, designation, date of appointment along with Grade wise detail of manpower available and to be employed in future, etc may be furnished. | Details of appointment in annexure 25 |
| 53 | Revenue from sale, of power: The revenue from sale of power may be provided in Excel Format, duly exhibiting sub-slab wise sales, No. of consumers, connected load, Fixed Charges, Enerv, Char-ges etc. Refer Table 165 | Provided |

| Point no | Additional information/Clarification | Response |
|----------|---|--|
| 54 | Projected scheme wise I work wise capital expenditure for FY 2015-16 to FY 2018-19 (year- wise) along with source of funding may be provided | Details attached in Annexure 35 |
| 55 | <p>Tariff Schedule</p> <p>a. For DS - II, NDS-11, NDS-111, LTIS-1 and LTIS-11 categories, demand based Tariff is made - compulsory for three phase consumers. But in SI.Nos. 1.3.1{DS-11}, 2.2.1{NOS -II}, 2.3.1 {NOS - III}, 4.2.1 {LTIS - II} demand based Tariff (optional) is provided. This may be clarified.</p> <p>b. InSI.No. 23 {NDS-111}, it is mentioned as 'For load upto 30 kW'. It may be clarified</p> <p>whether it is 'For Single Phase' or for 'Load up to 30 kW'</p> | <p>a) For single phase DS II consumers having load upto 7 KW, demand based tariff will be optional. All three phase consumers of DS II, DS III, NDS II, NDS III & all consumers of LTIS I & LTIS II categories have been proposed for compulsory demand based tariff.</p> <p>b) For NDS III load Upto 7 KW will be single phase under normal tariff/optional demand based and for three phase consumers having load from 5 – 30 KW will be under compulsory demand based tariff.</p> |
| 56 | Para 6.6.2: Percentage technical loss and percentage Cumulative technical loss _ in 33 KV level shown in Table 162 is same which seems to be wrong. It may be clarified | The cumulative loss is considered as separate for transmission and distribution, 132 KV and above as transmission loss, 33 KV and below is considered as a distribution loss. |
| 57 | <p>Wheeling charges</p> <p>a. Income tax and contingency reserve expenses are not included in table 169.</p> <p>b. Energy input of 16398 MU at transmission periphery is considered in table 170 instead of energy input at distribution periphery. The revised tables may be furnished</p> | <p>a) Table 169 has been revised and attached as annexure 8</p> <p>b) Table 170 has been revised and attached as annexure 9</p> |

| Point no | Additional information/Clarification | Response |
|----------|--|--|
| 58 | No chapter on Directives has been provided with petition, this may please be submitted with updated compliance status on each Directives of the Commission | Detailed response provided vide letter no 106 dated 20-01-16 |

Annexure 1 – Revised distribution loss

Table 1: Distribution Losses

| Sl. No. | Particulars | Approved in MYT Order dated 15-03-2013 | Approved by BERC T.O Dated 16/03/2015 | Actual as on 31/3/2015 |
|----------------|--------------------|---|--|-------------------------------|
| 1 | Distribution loss | 21.40% | 21.40% | 49.73% |

Annexure 2- Revised Energy Balance

Table 2: Energy Balance

| Sl. No | Particulars | TO Dated 16/03/2015 | True up |
|--------|---|------------------------|-----------|
| 1 | Energy sales | 5745.05 | 5,814.25 |
| 2 | Less: Energy supplied to DF area | 918.08 | 1,011.39 |
| 3 | Less: UI sale | 167.62 | 240.19 |
| 4 | Less: Sale to Nepal | 0 | - |
| 4 | Net energy sale | 4659.35 | 4,562.67 |
| 5 | Distribution Losses (%) | 21.40% | 49.73% |
| 6 | Distribution Losses | 1268.58 | 4513.25 |
| 7 | Energy required | 5927.93 | 9075.9 |
| 8 | Add: Energy supplied to DF area | 918.08 | 1,011.39 |
| 9 | Add: 33 kV Distribution Losses @6% on Energy Input to DF | 58.6 | 60.68 |
| 10 | Total energy required at Distribution periphery (7+8+9) | 6904.61 | 10,148.00 |
| 11 | Add: Sales to Nepal | 0 | - |
| 12 | Total energy required (10+11) | 6904.61 | 10,148.00 |
| 13 | Transmission Loss (%) | 3.97% | 4.97% |
| 14 | Transmission Loss (MU) | 285.45 | 530.25 |
| 15 | Energy required at Transmission Periphery (12+14) | 7190.05 | 10,678.25 |
| 16 | Add: UI sales | 167.62 | 240.19 |

| Sl. No | Particulars | TO Dated 16/03/2015 | True up |
|-----------|---|------------------------|------------------|
| 17 | Total Energy requirement at transmission periphery (15+16) | 7357.67 | 10,918.44 |
| 18 | Available Energy | 10,400.03 | 11,178.11 |
| I | CGS and IPP (NTPC, NHPC, PTC, Adani and GMR) | 8,995.38 | 8,398.91 |
| II | SGS and Others | 1404.65 | 2,779.20 |
| 19 | Losses in Regional Transmission system (%) | 2.19% | 2.47% |
| 20 | Losses in Regional Transmission system (MU) | 197 | 259.670 |
| 21 | Net Energy available at State Transmission periphery (18-20) | 10,203.03 | 10,918.44 |
| 22 | Surplus energy at state periphery (21-17) | 2,845.36 | 0.00 |

Annexure 3- Disallowance of PP cost due to excess distribution loss FY 14-15

Table 3: Disallowance of PP cost due to excess distribution loss FY 14-15

| Sl. No | Particulars | MYT order dated 15.03.2013 | Approved by BERC T.O Dated 16/03/2015 | Actual as on 31/3/2015 |
|--------|--|-------------------------------|--|---------------------------|
| 1 | Additional power purchase by DISCOMs due to excess Distribution loss (MUs) | 4784 | 2646.06 | 4,914.89 |
| 2 | Average power purchase rate (Rs./kWh) | 3.82 | 3.88 | 4.21 |
| 3 | Total Disallowed Power Purchase Cost | 1827.49 | 1027.33 | 2069.16 |

Detailed calculation of disallowed power purchase

| Sr. No | Particulars | FY 2014-15 | |
|----------|--|----------------------|-----------------------------|
| | | As per SBPDCL Losses | As per BERC Approved Losses |
| A | Energy Requirement | | |
| 1 | Net Energy sales (Excluding UI, DF) | 4,562.67 | 4,562.67 |
| 2 | Distribution Losses (%) | 49.73% | 21.40% |
| | Distribution Losses | 4,513.25 | 1,242.25 |
| 3 | Energy required at Distribution periphery | 9,075.92 | 5,804.92 |
| 4 | State Transmission Loss (%) | 4.97% | 4.97% |
| | State Transmission Loss | 530.25 | 303.59 |
| 5 | Energy Required at State periphery | 9606.17 | 6,108.52 |
| B | Energy Availability | | |
| 6 | Total power purchase | 11,178.11 | 6,263.22 |
| 7 | Losses in Regional transmission system (%) | 2.47% | 2.47% |
| 8 | Regional Losses | 259.67 | 154.70 |
| 9 | Net power requirement at state periphery | 10918.44 | 6,108.52 |
| 10 | Surplus power purchase | | 4,914.89 |
| 11 | Additional power at state transmission periphery due to excess distribution losses | | 3,497.65 |

| Sr. No | Particulars | FY 2014-15 | |
|--------|--|----------------------|-----------------------------|
| | | As per SBPDCL Losses | As per BERC Approved Losses |
| 12 | Additional power purchase due to excess distribution loss disallowed | | 4,914.89 |

Annexure 4 – Revised ARR for FY 14-15

Table 4: Net ARR and Revenue Gap

| Sr. No | Particulars | FY 2014-15 | | |
|--------|---|----------------------------|---------------------------------------|------------------------|
| | | MYT Order Dated 15.03.2013 | Approved by BERC T.O Dated 16/03/2015 | Actual as on 31/3/2015 |
| 1 | Power Purchase Expenses | 6,216.52 | 3651.34 | 4,215.35 |
| 2 | PGCIL and Other Transmission Charges | 190.00 | 287.63 | 330.28 |
| 3 | BSPTCL - State Transmission Charges | 262.00 | 156.95 | 161.85 |
| 4 | Less: Surplus Energy sold outside the state | | | - |
| 5 | Net Power Purchase Cost | | 4,095.92 | 4,707.48 |
| 6 | O&M Expenses | | 373.19 | 352.69 |
| a | <i>Employee Expenses</i> | 438.26 | 258.05 | 258.11 |
| b | <i>Repair and Maintenance Expenses</i> | 86.01 | 80.14 | 47.12 |
| c | <i>Administrative and General Expenses</i> | 49.58 | 29.99 | 47.46 |
| d | <i>Holding Company Expenses Allocated</i> | | 5 | 5.63 |
| 7 | Depreciation | 163.24 | 7.92 | 42.67 |
| 8 | Total Interest and Finance Charges | 395.92 | 43.1 | 311.59 |
| a | <i>Interest and Finance Charges</i> | 123.10 | | 196.41 |
| b | <i>Other Interest and Finance Charges</i> | | | 115.18 |
| 9 | Interest on Working Capital | 158.09 | 82.67 | 78.65 |
| 10 | Interest on Security Deposit | | | 22.45 |
| 11 | Return on Equity | | 69.16 | 391.38 |
| 12 | Net Prior Period Credit/(Charges) | | | 86.995 |
| 13 | Deposit for RPO Obligation | | | - |
| 14 | Less: Interest During Construction | | 3.14 | - |

| Sr. No | Particulars | FY 2014-15 | | |
|----------|---|----------------------------|---------------------------------------|------------------------|
| | | MYT Order Dated 15.03.2013 | Approved by BERC T.O Dated 16/03/2015 | Actual as on 31/3/2015 |
| A | Gross Annual Revenue Requirement | 8,082.72 | 4668.81 | 5,999.53 |
| | | | | |
| 15 | Less: Non Tariff Income | 183.11 | 217.88 | 395.44 |
| 16 | Less: Expenditure disallowed due to excess T&D losses | 1,827.49 | 1027.33 | 2,069.82 |
| B | Net Revenue Requirement | 7,899.61 | 3423.6 | 3,534.27 |
| | | | | |
| 17 | Revenue at Existing Tariff | 3,723.70 | 2,684.24 | 2,540.28 |
| <i>G</i> | <i>Sale of Power</i> | <i>4,119.75</i> | | <i>2,540.28</i> |
| <i>H</i> | <i>Revenue from sale of power to Nepal</i> | <i>255.20</i> | | <i>-</i> |
| C | Revenue Gap/(Surplus) at Existing Tariff | 2,093.22 | 739.36 | 993.99 |
| | | | | |
| D | Subsidy from State Government (E+F) | | | 1,674.65 |
| E | Subsidy used for disallowed power | | | 2,069.82 |
| F | (Expected) Revenue Subsidy Available to bridge Revenue Gap | | 412.6 | -395.17 |
| G | Current FY Revenue Gap/(Surplus) (C) | | 739.36 | 993.99 |
| H | Net Gap / (Surplus) after subsidy (G-F) | | 326.76 | 1,389.16 |
| I | Carrying Cost % | | | 14.50% |
| J | Carrying Cost | | | 100.71 |
| K | Closing Revenue Gap/(Surplus) | | | 1,489.88 |

Annexure 5 - Revised ARR for FY 15-16

Table 5: Net ARR & Revenue Gap for FY 2015-16

| Sl. No. | Particulars | Approved | Revised |
|----------------|---|-----------------|-----------------|
| 1 | Purchase of power | 4142.44 | 5,132.18 |
| 2 | PGCIL & Other transmission charges | 316.39 | 357.30 |
| 3 | BSPTCL transmission charges | 129.43 | 220.98 |
| 4 | O & M Expenses (A+B+C+D) | 403.52 | 387.38 |
| A | Employee expenses | 278.9 | 279.04 |
| B | R&M expenses | 86.74 | 50.94 |
| C | A&G expenses | 32.46 | 51.31 |
| D | Holding company expenses | 5.41 | 6.09 |
| 5 | Depreciation | 11.29 | 65.25 |
| 6 | Interest & Finance charges | 50.82 | 399.45 |
| 7 | Return on equity | 69.16 | 436 |
| 8 | Interest on SD | 32.7 | 27.91 |
| 9 | Deposit for RPO obligation | | |
| 10 | Contingency reserve | | |
| 11 | Interest on working capital | 5.83 | 134.85 |
| 12 | Less: IDC | 103.07 | |
| 13 | Tax | | |
| 14 | Total Revenue requirement | 5252.99 | 7,161.31 |
| 15 | Less: Non-tariff income | 217.88 | 424.58 |
| 16 | Less: Expenditure disallowed due to excess T&D losses | 1065.7 | 1157.02 |

| Sl. No. | Particulars | Approved | Revised |
|---------|--|----------|-----------------|
| 17 | Net Revenue requirement | 3969.4 | 5,579.71 |
| 18 | Revenue from Existing tariff | 2990.94 | 3,360.44 |
| 19 | Revenue from sale of power to Nepal | 0 | |
| 20 | Gross Gap / (Surplus) | 978.46 | 2,219.27 |
| 21 | Add: Revenue Gap/(Surplus) of past period (FY 2014-15) | -642.92 | 1,489.88 |
| 22 | Gap/(Surplus) before subsidy | 335.54 | 3,709.14 |
| 23 | Grant from State Government | 1260.74 | 3,709.14 |
| 24 | Grant used for disallowed power | 1065.7 | 1157.02 |
| 25 | Grant available for revenue gap | 195.04 | 2,552.12 |
| 26 | Net Gap / (Surplus) after subsidy | 140.51 | 0 |

Annexure 6 – Revised A&G Expenses FY 2014-15

| Sl. No. | Particulars | MYT order dated 15.03.2013 | Approved by BERC T.O Dated 16/03/2015 | Actual as on 31/3/2015 |
|----------------|---|-----------------------------------|--|-------------------------------|
| a | Rent, Rates & Taxes | | | 0.33 |
| b | Insurance | | | 0.69 |
| c | Telephone charges, Postage, Telegram and Telex Charges. | | | 1.69 |
| d | Legal Charges. | | | 0.69 |
| e | Audit Fees | | | 0.02 |
| | consultancy fees | | | 0.84 |
| f | Technical Fees | | | |
| g | Other Professional Charges | | | 0.54 |
| h | Conveyance & Travel | | | 6.36 |
| i | Fees & Subscription | | | 4.32 |
| j | Books & Periodicals | | | 0.02 |
| k | Printing & Stationary | | | 1.12 |
| l | Advertisement | | | 0.59 |
| m | Water Charges | | | |
| n | Electricity Charges | | | 5.78335 |
| o | Entertainment Charges | | | 0.21 |
| p | Computer Billing | | | 5.08 |
| q | Home Guard/ Security Guard | | | 3.52 |
| r | Franchisee Commission | | | 6.08 |
| s | Franchisee Incentive | | | 0.72 |
| t | Meter Reading & Bills Dist | | | 6.34 |

| Sl. No. | Particulars | MYT order dated 15.03.2013 | Approved by BERC T.O Dated 16/03/2015 | Actual as on 31/3/2015 |
|----------|---------------------------------|----------------------------|---------------------------------------|------------------------|
| u | Preliminary Expenses Amortised | | | |
| v | ATP Maxchine Expenses | | | 0.27 |
| w | Miscellaneous Expenses | | | 0.92 |
| x | Commission Others | | | 0.02 |
| y | Contract Labour | | | 0.90 |
| z | Freight | | | 0.43 |
| a1 | Other Purchase related Expenses | | | |
| 1 | Previous FY Expenses | | 27.71 | |
| 2 | Inflationary Increase | | 8.24% | |
| 3 | Add: Inflationary Increase | | 2.28 | |
| 4 | Total | 46.04 | 29.99 | 47.46 |

Annexure 7 – Revised Renewable energy purchase obligation of SBPDCL for the control period FY 2016-17 to FY 2018-19

Table 6: Renewable energy purchase obligation of SBPDCL for the control period FY 2016-17 to FY 2018-19

| | FY 16-17 | FY 17-18 | FY 18-19 |
|-------------------------------|-----------------|-----------------|-----------------|
| Total energy consumption (Mu) | 16,764.20 | 21,958.90 | 27,482.51 |
| Total RPO (%) | 6.00% | 7.00% | 8.00% |
| Total RPO (MU) | 1,005.85 | 1,537.12 | 2,198.60 |
| Solar RPO (%) | 1.00% | 2.00% | 2.00% |
| Solar RPO (Mu) | 10.06 | 30.74 | 43.97 |
| Non-solar RPO (MU) | 995.79 | 1,506.38 | 2,154.63 |

Annexure 8 – Revised Segregation of Wires & Supply Costs

Table 7: Segregation of Wires & Supply Costs

| Sr. No | Particulars | Total Fixed Cost Rs.Cr | Wire Cost Rs.Cr | Retail Supply Rs.Cr |
|--------|--|------------------------|-----------------|---------------------|
| 1 | Power purchase expenses | 5,132.18 | - | 5,132.18 |
| 2 | Transmission charges Inter-state | 428.15 | - | 428.15 |
| 3 | Employee expenses | 281.79 | 169.07 | 112.72 |
| 4 | Administration and General expenses | 51.46 | 25.73 | 25.73 |
| 5 | Repair and Maintenance expenses | 87.78 | 79.01 | 8.78 |
| 6 | Depreciation | 65.25 | 58.73 | 6.53 |
| 7 | Interest on long-term loan capital | 228.90 | 206.01 | 22.89 |
| 8 | Interest on working capital and consumer security deposits | 95.82 | 9.58 | 86.24 |
| 9 | Bad debts written off | - | - | - |
| 10 | Income tax | 87.24 | 78.51 | 8.72 |
| 11 | Transmission charges Intra-state | 220.98 | - | 220.98 |
| 12 | Contribution to contingency reserves, if any | 16.17 | 16.17 | - |
| 13 | Return on equity | 436.01 | 392.41 | 43.60 |

| Sr. No | Particulars | Total Fixed Cost Rs.Cr | Wire Cost Rs.Cr | Retail Supply Rs.Cr |
|--------|-------------------|------------------------|-----------------|------------------------|
| 14 | Non-tariff income | 424.58 | 42.46 | 382.12 |
| 15 | Total | 7,556.31 | 1,077.68 | 6,478.64 |

Annexure 9 – Revised Wheeling Charges

Table 8: Wheeling Charges at 33 kV Voltage Level

| Sr.No | Particulars | Units | Wheeling Charges |
|-------|---|----------------|------------------|
| 1 | Energy input into 33 kV system | MU | 11,631.15 |
| 2 | Total distribution cost | Rs. Crs | 1,077.68 |
| 3 | Distribution cost for 33 kV voltage levels (assuming 50% of item 2) | Rs. Crs | 558.81 |
| 4 | Wheeling charges for 33 kV voltage level (item 3÷1) | Rs./kWh | 0.46 |

Table 9: Wheeling Charges at 11 kV Voltage Level

| Sr.No | Particulars | Units | Wheeling Charges |
|-------|---|----------------|------------------|
| 1 | Energy input into 33 kV system | MU | 11,631.15 |
| 2 | Losses in 33 KV | % | 479.18 |
| 3 | Energy sales in 33 kV system as approved by the Commission | MU | 1571.24 |
| 4 | Energy input into 11 kV system [1-(2+3)] | MU | 9,581 |
| 5 | Total distribution cost | Rs. Crs | 1,077.68 |
| 6 | Distribution cost for 11 kV voltage levels (assuming 50% of item 5) | Rs. Crs | 538.8380448 |
| 7 | Wheeling charges for 11 kV voltage level (item 6÷4) | Rs/ kWh | 0.56 |

Annexure 10 – Source wise loan details (Rs Crores)

| Source of Loan | Opening Balance as on 1.04.14 | Addition | Repayment | Closing Balance as on 31.03.15 | Interest Accrued during FY | Average Loan during FY | Average Rate of Interest (%) |
|------------------------------|-------------------------------|---------------|---------------|--------------------------------|----------------------------|------------------------|------------------------------|
| REC (RMNP/Normal) | 198.90 | 53.43 | 10.00 | 242.33 | | | |
| PFC (R-APDRP) | 138.13 | 44.00 | 13.17 | 168.96 | | | |
| PFC | 60.67 | 0.57 | 21.43 | 39.82 | | | |
| ADB | 44.06 | 10.57 | | 54.63 | | | |
| 10.2% Public Bonds | 523.91 | | | 523.91 | 53.44 | 523.91 | |
| 11.5% Term Loan- Canara Bank | 334.74 | | 52.85 | 281.89 | | | |
| 11.2% Term Loan-Canara Bank | 523.91 | | | 523.91 | | | |
| State Government Loans | | | | | | | |
| Non-Plan | 46.85 | 30.33 | | 77.18 | | | |
| Plan | 197.80 | | 197.80 | | | | |
| Total | 2,068.98 | 138.89 | 295.25 | 1,912.62 | 53.44 | 523.91 | 10.20 % |

Annexure 11- Detailed calculation of disallowance of PP cost due to excess distribution loss FY 2015-16

| | |
|--|----------|
| SBPDCL Energy required at state transmission periphery (Mu) @ 42.07% distribution Loss | 12325.86 |
| SBPDCL Energy required at state transmission periphery (Mu) @ 20% distribution loss | 9212.18 |
| Power Disallowed due to excess loss (MU) | 3113.69 |
| Average Power Purchase cost (Rs/Kw.hr) | 3.72 |
| Power Purchase Disallow(Cr) | 1157.02 |

Annexure 31: Power Purchase cost in the Format 5 Appended with MYT Regulations 2015

| Power Purchase Sources | % allocation MW | FY 16-17 | | | | | | | | FY 17-18 | | | | | | | | FY 18-19 | | | | | | | |
|--|-----------------|----------|-------------------|-------------|------------------|-----------------------|-----------------------|--------------------------|------------|-------------------|-------------|------------------|-----------------------|-----------------------|--------------------------|----------|-------------------|-------------|------------------|-----------------------|-----------------------|--------------------------|--|--|--|
| | | Energy | Fixed Charge rate | Energy Rate | Fixed charge Rs. | Energy charge Rs. Cr. | Total Charges Rs. Cr. | Avg. Tariff Rate Rs./kWh | Energy | Fixed Charge rate | Energy Rate | Fixed charge Rs. | Energy charge Rs. Cr. | Total Charges Rs. Cr. | Avg. Tariff Rate Rs./kWh | Energy | Fixed Charge rate | Energy Rate | Fixed charge Rs. | Energy charge Rs. Cr. | Total Charges Rs. Cr. | Avg. Tariff Rate Rs./kWh | | | |
| | | MU | (Rs/MW) | Rs/kWh | Cr. | | | | MU | (Rs/MW) | Rs/kWh | Cr. | | | | MU | (Rs/MW) | Rs/kWh | Cr. | | | | | | |
| Through Inter-State generation | | 12053.12 | | | | | | 15443.69 | | | | | | | 15851.44 | | | | | | | | | | |
| Talchar – I (2 x 500 MW) | 58% | 1663.83 | 0.62280296 | 1.56 | 103.62 | 259.09 | 362.71 | 2.18 | 1663.83 | 0.62280296 | 1.56 | 103.62 | 259.09 | 362.71 | 2.18 | 1663.83 | 0.622803 | 1.56 | 103.62 | 259.09 | 362.71 | 2.18 | | | |
| Farakka – I & II (1600 MW) | 58% | 2024.30 | 0.98562853 | 2.46 | 199.52 | 498.86 | 698.38 | 3.45 | 2024.30 | 0.98562853 | 2.46 | 199.52 | 498.86 | 698.38 | 3.45 | 2024.30 | 0.985629 | 2.46 | 199.52 | 498.86 | 698.38 | 3.45 | | | |
| Farakka – III (500 MW) | 58% | 429.84 | 1.20846629 | 3.02 | 51.94 | 129.88 | 181.82 | 4.23 | 429.84 | 1.20846629 | 3.02 | 51.94 | 129.88 | 181.82 | 4.23 | 429.84 | 1.208466 | 3.02 | 51.94 | 129.88 | 181.82 | 4.23 | | | |
| Kahalgao – I (840 MW) | 58% | 1402.42 | 0.91991996 | 2.30 | 129.01 | 322.57 | 451.58 | 3.22 | 1402.42 | 0.91991996 | 2.30 | 129.01 | 322.57 | 451.58 | 3.22 | 1402.42 | 0.91992 | 2.30 | 129.01 | 322.57 | 451.58 | 3.22 | | | |
| Kahalgao – II (1500 MW) | 58% | 298.41 | 0.92849065 | 2.32 | 27.71 | 69.28 | 96.98 | 3.25 | 298.41 | 0.92849065 | 2.32 | 27.71 | 69.28 | 96.98 | 3.25 | 298.41 | 0.928491 | 2.32 | 27.71 | 69.28 | 96.98 | 3.25 | | | |
| Dadri – I | 58% | 0.00 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Teesta V HEP | 58% | 67.83 | 2.69976511 | 6.75 | 18.31 | 45.79 | 64.10 | 9.45 | 127.19 | 2.69976511 | 6.75 | 34.34 | 85.86 | 120.19 | 9.45 | 127.19 | 2.699765 | 6.75 | 34.34 | 85.86 | 120.19 | 9.45 | | | |
| Rangit – HEP | 58% | 12.71 | 2.84546672 | 7.11 | 3.62 | 9.05 | 12.66 | 9.96 | 23.84 | 2.84546672 | 7.11 | 6.78 | 16.96 | 23.74 | 9.96 | 23.84 | 2.845467 | 7.11 | 6.78 | 16.96 | 23.74 | 9.96 | | | |
| Chukka HEP | 58% | 299.49 | 0.52566855 | 1.31 | 15.74 | 39.36 | 55.11 | 1.84 | 299.49 | 0.52566855 | 1.31 | 15.74 | 39.36 | 55.11 | 1.84 | 299.49 | 0.525669 | 1.31 | 15.74 | 39.36 | 55.11 | 1.84 | | | |
| Tala HEP | 58% | 519.66 | 0.57709265 | 1.44 | 29.99 | 74.98 | 104.97 | 2.02 | 519.66 | 0.57709265 | 1.44 | 29.99 | 74.98 | 104.97 | 2.02 | 519.66 | 0.577093 | 1.44 | 29.99 | 74.98 | 104.97 | 2.02 | | | |
| Arun –III | 58% | 0.00 | 0.99991301 | 2.50 | 0.00 | 0.00 | 0.00 | 283.79 | 0.99991301 | 2.50 | 28.38 | 70.95 | 99.33 | 3.50 | 283.79 | 0.999913 | 2.50 | 28.38 | 70.95 | 99.33 | 3.50 | | | | |
| Punatsangchu & Mangdechhu, HEP, | 58% | 0.00 | 1.28560244 | 3.21 | 0.00 | 0.00 | 0.00 | 1702.77 | 1.28560244 | 3.21 | 218.91 | 547.34 | 766.24 | 4.50 | 1702.77 | 1.285602 | 3.21 | 218.91 | 547.34 | 766.24 | 4.50 | | | | |
| Barh Stage-I (3 X 660 MW) | 58% | 3275.72 | 1.28560244 | 3.21 | 421.13 | 1052.95 | 1474.07 | 4.50 | 4094.65 | 1.28560244 | 3.21 | 526.41 | 1316.18 | 1842.59 | 4.50 | 4094.65 | 1.285602 | 3.21 | 526.41 | 1316.18 | 1842.59 | 4.50 | | | |
| Barh Stage-II (2 X 660 MW) | 58% | 2058.91 | 1.28560244 | 3.21 | 264.69 | 661.82 | 926.51 | 4.50 | 2058.91 | 1.28560244 | 3.21 | 264.69 | 661.82 | 926.51 | 4.50 | 2058.91 | 1.285602 | 3.21 | 264.69 | 661.82 | 926.51 | 4.50 | | | |
| North Karanpura, Jharkhand (3 X 660MW) | 58% | 0.00 | 1.28560244 | 3.21 | 0.00 | 0.00 | 0.00 | 514.61 | 1.28560244 | 3.21 | 66.16 | 165.42 | 231.57 | 4.50 | 600.38 | 1.285602 | 3.21 | 77.18 | 192.98 | 270.17 | 4.50 | | | | |
| Darlipali STPS (4 X 800 State generating Stations | 58% | 0.00 | 1.28560244 | 3.21 | 0.00 | 0.00 | 0.00 | 0.00 | 1.28560244 | 3.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 321.98 | 1.285602 | 3.21 | 41.39 | 103.50 | 144.89 | 4.50 | | | |
| Barauni Stage-I (2 X 110 | 58% | 511.49 | 0 | 4.50 | 0.00 | 230.17 | 230.17 | 4.50 | 511.49 | 0 | 4.50 | 0.00 | 230.17 | 230.17 | 4.50 | 590.19 | 0 | 4.50 | 0.00 | 265.58 | 265.58 | 4.50 | | | |
| Barauni Stage-II (2 X 250 | 58% | 1251.27 | 0 | 4.50 | 0.00 | 563.07 | 563.07 | 4.50 | 1383.06 | 0 | 4.50 | 0.00 | 622.38 | 622.38 | 4.50 | 1481.85 | 0 | 4.50 | 0.00 | 666.83 | 666.83 | 4.50 | | | |
| Small Hydro (BSHPCL) | 58% | 27.75 | 0 | 4.50 | 0.00 | 12.49 | 12.49 | 4.50 | 33.30 | 0 | 4.50 | 0.00 | 14.98 | 14.98 | 4.50 | 33.30 | 0 | 4.50 | 0.00 | 14.98 | 14.98 | 4.50 | | | |
| Dagmara HEP | 58% | 0.00 | 0 | 4.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 4.50 | 0.00 | 0.00 | 0.00 | 0.00 | 136.22 | 0 | 4.50 | 0.00 | 61.30 | 61.30 | 4.50 | | | |
| IPP | 58% | 1402.36 | | 0.00 | 0.00 | 0.00 | 0.00 | 1402.36 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3762.43 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| GMR Kamalanga Energy | 58% | 889.30 | 1.96756859 | 2.80 | 174.98 | 249.22 | 424.20 | 4.77 | 889.30 | 1.96756859 | 2.80 | 174.98 | 249.22 | 424.20 | 4.77 | 1111.63 | 1.967569 | 2.80 | 218.72 | 311.53 | 530.25 | 4.77 | | | |
| Adani Enterprises Limited | 58% | 513.06 | 1.81494797 | 2.59 | 93.12 | 132.63 | 225.75 | 4.40 | 513.06 | 1.81494797 | 2.59 | 93.12 | 132.63 | 225.75 | 4.40 | 513.06 | 1.814948 | 2.59 | 93.12 | 132.63 | 225.75 | 4.40 | | | |
| Power purchase through long term contract under Case-1 | 58% | 0.00 | | 4.20 | 0.00 | 0.00 | 0.00 | 0.00 | | | 4.20 | 0.00 | 0.00 | 0.00 | 0.00 | 2137.75 | 1.73245 | 2.47 | 370.35 | 527.50 | 897.85 | 4.20 | | | |
| JV projects | 58% | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| MTPS Stage-I (2 X 110 MW) | 58% | 708.22 | 1.8 | 2.70 | 127.48 | 191.22 | 318.70 | 4.50 | 708.22 | 1.8 | 2.70 | 127.48 | 191.22 | 318.70 | 4.50 | 708.22 | 1.8 | 2.70 | 127.48 | 191.22 | 318.70 | 4.50 | | | |
| MTPS Stage-II (2 X 195 | 58% | 521.61 | 1.8 | 2.70 | 93.89 | 140.83 | 234.72 | 4.50 | 730.25 | 1.8 | 2.70 | 131.45 | 197.17 | 328.61 | 4.50 | 938.90 | 1.8 | 2.70 | 169.00 | 253.50 | 422.50 | 4.50 | | | |
| Nabinagar Railway (4 X 250 Mw) | 58% | 316.13 | 1.8 | 2.70 | 56.90 | 85.35 | 142.26 | 4.50 | 316.13 | 1.8 | 2.70 | 56.90 | 85.35 | 142.26 | 4.50 | 355.64 | 1.8 | 2.70 | 64.02 | 96.02 | 160.04 | 4.50 | | | |
| Nabinagar Stage-I (3 X 660 | 58% | 0.00 | 1.8 | 2.70 | 0.00 | 0.00 | 0.00 | 1463.69 | 1.8 | 2.70 | 263.46 | 395.20 | 658.66 | 4.50 | 2193.93 | 1.8 | 2.70 | 394.91 | 592.36 | 987.27 | 4.50 | | | | |
| Nabinagar JV (3 X 660 MW) Stage-II | 58% | 0.00 | 1.8 | 2.70 | 0.00 | 0.00 | 0.00 | 0.00 | 1.8 | 2.70 | 0.00 | 0.00 | 0.00 | 0.00 | 1463.69 | 1.8 | 2.70 | 263.46 | 395.20 | 658.66 | 4.50 | | | | |
| Renewable | 58% | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Solar PV | 58% | 66.76 | | 5.50 | 0.00 | 36.72 | 36.72 | 5.50 | 277.74 | | 5.50 | 0.00 | 152.76 | 152.76 | 5.50 | 277.74 | | 5.50 | 0.00 | 152.76 | 152.76 | 5.50 | | | |
| Solar PV under JNNSM | 58% | 4.84 | | 5.25 | 0.00 | 2.54 | 2.54 | 5.25 | 9.64 | | 5.25 | 0.00 | 5.06 | 5.06 | 5.25 | 9.64 | | 5.25 | 0.00 | 5.06 | 5.06 | 5.25 | | | |
| Bagasse based Cogeneration Pro | 58% | 227.81 | | 4.70 | 0.00 | 107.07 | 107.07 | 4.70 | 227.81 | | 4.70 | 0.00 | 107.07 | 107.07 | 4.70 | 227.81 | | 4.70 | 0.00 | 107.07 | 107.07 | 4.70 | | | |
| Biomass based Generation | 58% | 10.97 | | 5.35 | 0.00 | 5.87 | 5.87 | 5.35 | 10.97 | | 5.35 | 0.00 | 5.87 | 5.87 | 5.35 | 10.97 | | 5.35 | 0.00 | 5.87 | 5.87 | 5.35 | | | |
| Biomass - Solar PV Hybrid | 58% | 7.27 | | 5.50 | 0.00 | 4.00 | 4.00 | 5.50 | 7.27 | | 5.50 | 0.00 | 4.00 | 4.00 | 5.50 | 7.27 | | 5.50 | 0.00 | 4.00 | 4.00 | 5.50 | | | |
| Total | | 17109.61 | | | 1811.66 | 4924.81 | 6736.47 | 3.94 | 22525.64 | | | 2550.59 | 6651.62 | 9202.22 | 4.09 | 28049.26 | | | 3456.69 | 8173.02 | 11629.71 | 4.15 | | | |

Annexure 32: Calculation of Transmission Charges

| | FY 15-16Rs/Kwhr | FY 16-17Rs/Kwhr | FY 17-18Rs/Kwhr | FY 18-19Rs/Kwhr |
|---|-----------------|-----------------|-----------------|-----------------|
| PGCIL + PSOCO+ERLDC(Transmission Charges) | 0.31 | 0.31 | 0.31 | 0.31 |
| BSPTCL Charges | 0.16 | 0.16 | 0.16 | 0.16 |

| Power Purchase | FY 15-16 (MU) | FY 16-17 (MU) | FY 17-18 (MU) | FY 18-19 (MU) |
|------------------------------------|---------------|---------------|---------------|---------------|
| Central generation station and IPP | 11525.93 | 13455.48 | 16846.06 | 19613.88 |
| Other sources | 2285.43 | 3654.13 | 5679.59 | 8435.38 |
| Total | 13811.36 | 17109.61 | 22525.64 | 28049.26 |

The transmission cost for subsequent years are derived by multiplying the unit transmission charges with the power procurement quantum. The PGCIL + PSOCO+ERLDC(Transmission Charges) charges calculated for the power sourced from Central generation station and IPP. The BSPTCL charges is calculated for the total quantum of power from all sources.

The transmission charges of FY 14-15 has been revised as per the table below

Table 10: POSOCO, BSPTCL& ERLDC Charges

| SI No | Particular | Approved (Rs Cr) | APR (Rs Cr) |
|-------|------------------------------------|------------------|-------------|
| 1 | PGCIL & other transmission charges | 316.39 | 357.30 |
| 2 | State Transmission charges | 129.43 | 220.98 |

The revised transmission charge for control period FY 16-17 to FY 18-19 (Rs.Cr)

Table 11: SBPDCL Transmission charges for control period FY 16-17 to FY 18-19 (Rs.Cr)

| Particular | FY 16-17 | FY 17-18 | FY 18-19 |
|------------------------------------|----------|----------|----------|
| PGCIL & other transmission charges | 417.12 | 417.12 | 522.23 |
| State Transmission charges | 273.75 | 360.41 | 448.79 |

Revised Aggregate Revenue Requirement (ARR) FY 16-17, FY 17-18 & FY 18-19)
 Aggregate revenue requirement is given in the table below

Table 166: Net ARR for FY 16-17, FY 17-18 & FY 18-19

| Sl.No. | Particulars | FY 2016-2017 | FY 2017-2018 | FY 2018-2019 |
|--------|------------------------------------|--------------|--------------|--------------|
| 1 | Power purchase cost | 6736.47 | 9202.22 | 11629.71 |
| 2 | PGCIL & other transmission charges | 417.12 | 522.23 | 608.03 |
| 3 | State Transmission charges | 273.75 | 360.41 | 448.79 |
| 4 | O&M Expenses | | | |
| i) | Employee Cost | 374.28 | 427.98 | 490.40 |
| ii) | R&M expenses | 142.61 | 197.73 | 226.10 |
| iii) | A&G expenses | 57.78 | 63.76 | 70.44 |
| 5 | Share of Holding Company expenses | 6.52 | 7.02 | 7.56 |
| 6 | Depreciation | 147.72 | 225.53 | 278.38 |
| 7 | Interest and Finance charges* | 221.17 | 186.44 | 175.81 |
| 8 | Interest on working capital | 94.51 | 124.64 | 155.35 |
| 9 | Return on equity | 482.72 | 482.72 | 482.72 |
| 10 | Income Tax | 96.58 | 96.58 | 96.58 |
| 11 | Interest on security deposit | 29.48 | 31.74 | 34.16 |
| 12 | Bad debts (if any) | 0.00 | 0.00 | 0.00 |
| 13 | Prior Period | 0.00 | 0.00 | 0.00 |
| 14 | Contingency reserves (if any) | 26.62 | 49.46 | 61.40 |

| Sl.No. | Particulars | FY 2016-2017 | FY 2017-2018 | FY 2018-2019 |
|--------|-------------------------------|--------------|--------------|--------------|
| 15 | Total Revenue Requirement | 9107.32 | 11978.46 | 14765.44 |
| 16 | Less: Non-tariff income | 463.98 | 517.28 | 589.36 |
| 17 | Aggregate Revenue Requirement | 8643.34 | 11461.18 | 14176.08 |

Revised Revenue gap for the control period FY 2016-2019 is given in the table below

Table 168: Revenue gap for the control period FY 2016-17 to FY 2018-19

| Sl.No. | Particulars | FY 2016-2017 | FY 2017-2018 | FY 2018-2019 |
|--------|---|--------------|--------------|--------------|
| 2 | Power purchase cost (Rs.Cr) | 6,736.47 | 9,202.22 | 11,629.71 |
| 3 | PGCIL & other transmission charges(Rs.Cr) | 417.12 | 522.23 | 608.03 |
| 4 | State Transmission charges (Rs.Cr) | 273.75 | 360.41 | 448.79 |
| 5 | O&M Expenses | | | |
| 6 | Employee Cost (Rs.Cr) | 374.28 | 427.98 | 490.40 |
| 7 | R&M expenses (Rs.Cr) | 142.61 | 197.73 | 226.10 |
| 8 | A&G expenses (Rs.Cr) | 57.78 | 63.76 | 70.44 |
| 9 | Share of Holding Company expenses (Rs.Cr) | 6.52 | 7.02 | 7.56 |
| 10 | Depreciation (Rs.Cr) | 147.72 | 225.53 | 278.38 |
| 11 | Interest and Finance charges (Rs.Cr) * | 221.17 | 186.44 | 175.81 |
| 12 | Interest on working capital (Rs.Cr) | 94.45 | 125.17 | 153.72 |
| 13 | Return on equity (Rs.Cr) | 482.72 | 482.72 | 482.72 |
| 14 | Income Tax (Rs.Cr) | 96.58 | 96.58 | 96.58 |

| Sl.No. | Particulars | FY 2016-2017 | FY 2017-2018 | FY 2018-2019 |
|--------|---|--------------|--------------|--------------|
| 15 | Interest on security deposit (Rs.Cr) | 29.48 | 31.74 | 34.16 |
| 16 | Bad debts (if any) (Rs.Cr) | - | - | - |
| 17 | Prior Period (Rs.Cr) | - | - | - |
| 18 | Contingency reserves (if any) (Rs.Cr) | 26.62 | 49.46 | 61.40 |
| 19 | Total Revenue Requirement (Rs.Cr) | 9,107.32 | 11,978.46 | 14,765.44 |
| 20 | Less: Non-tariff income (Rs.Cr) | 463.98 | 517.28 | 589.36 |
| 21 | Aggregate Revenue Requirement (Rs.Cr) | 8,643.34 | 11,461.18 | 14,176.08 |
| 22 | Revenue from sales of power (Rs.Cr) | 4,711.15 | 5,777.90 | 7,041.47 |
| 23 | Revenue Gap/(Surplus) (Rs.Cr) | 3,932.19 | 5,683.28 | 7,134.61 |
| 24 | Expected Grant/Subsidy from Government. (Rs.Cr) | 3,932.19 | 4,128.79 | 4,335.23 |

Annexure 33: Details of consumer, connected load and sales projection for FY 15-16, FY 16-17, FY 17-18 & FY 18-19.

The projection of consumer number, connected load and sale for **KJY, DSI, DSII** for FY 15-16, FY 16-17, FY 17-18 & FY 18-19 is based on 24 X 7 Power For All (PFA). As per the PFA document Keeping in view of the fast growth of households in the urban areas due to migration from rural to urban, GOB had set target to release connections as per the below tables

Newly Constructed Household after FY 2014-15 (24X7 PFA)

| For new HH to be build | | FY 15-16 | FY 16-17 | FY 17-18 | FY 18-19 |
|-------------------------------------|-------|----------|-----------|-----------|-----------|
| Rural (Cummulative no of new HH) | | 5,60,333 | 11,37,180 | 17,31,028 | 23,42,378 |
| Year on year inc | Rural | 5,60,333 | 5,76,847 | 5,93,848 | 6,11,350 |
| Urban (Cummulative no of new HH) | | 1,02,284 | 2,08,960 | 3,20,216 | 4,36,248 |
| Year on year inc | Urban | 1,02,284 | 1,06,676 | 1,11,256 | 1,16,032 |

Un-electrified house hold (24X7 PFA)

| | FY 15-16 | FY 16-17 | FY 17-18 | FY 18-19 |
|-------------|-----------|-----------|-----------|-----------|
| Rural areas | 35,00,000 | 35,00,000 | 35,00,000 | 35,00,000 |
| Urban areas | 1,58,513 | 1,47,664 | - | - |

As per the data the total house hold planned for electrification

| Total to be electrified | FY 15-16 | FY 16-17 | FY 17-18 | FY 18-19 |
|-------------------------|-----------|-----------|-----------|-----------|
| Rural | 37,10,333 | 35,76,847 | 18,18,374 | 18,35,876 |
| Urban | 2,60,797 | 2,54,340 | 1,11,256 | 1,16,032 |

Total no.of KJY for electrification (24X7 PFA)

| | | |
|---|--------|-----------|
| KJY available for eletrification (GoB, 24X7) | NBPDCL | 40,81,644 |
| | SBPDCL | 13,19,303 |

The total electrification number has been divided between NBPDCL & SBPDCL based on the existing actual ratio.

New Consumer addition for SBPDCL for KJY, DSI, DSII categories.

| | FY 15-16 | FY 16-17 | FY 17-18 | FY 18-19 |
|---------|-----------|-----------|----------|----------|
| KJY | 1,00,000 | 1,00,000 | 5,59,652 | 5,59,652 |
| Ds - I | 14,25,005 | 13,73,738 | 69,83,72 | 70,50,94 |
| DS - II | 1,32,940 | 1,29,649 | 56,712 | 59,147 |

Total no of consumers for South for KJY, DSI, DSII.

| | FY 15-16 | FY 16-17 | FY 17-18 | FY 18-19 |
|---------|-----------|-----------|-----------|-----------|
| KJY | 5,18,817 | 6,18,817 | 11,78,469 | 17,38,121 |
| Ds - I | 21,26,791 | 35,00,529 | 41,98,901 | 49,03,995 |
| DS - II | 10,02,178 | 11,31,827 | 11,88,539 | 12,47,686 |

For other categories 2 year CAGR has been considered for the projection. A nominal 5 % of growth is considered for the categories which have a negative growth rate.

| Category | CAGR considered |
|-------------------------------|-----------------|
| KJY | NA |
| DSI | NA |
| DSII | NA |
| DS III | 5% |
| NDS I Commercial | 68% |
| NDS II Commercial | 5% |
| NDS III Commercial | 5% |
| SS I | 29% |
| SS II | 5% |
| Irrigation and Agriculture I | 5% |
| Irrigation and Agriculture II | 11% |
| PWW | 3% |
| LTIS I | 5% |
| LTIS II | 6% |
| HT IS I | 8% |
| HT IS II | 21% |
| HT IS III | 22% |
| HT IS IV | 5% |
| RT | 5% |
| DF | 16% |

**Category wise projection of consumer number for FY 2015-16, FY 2016-17, FY 2017- 2018
and FY 2018-19**

Table 12: Estimation of the number of consumers for FY 2015-16

| Sr. No | Category | APR |
|---------------|-------------------------------|------------------|
| 1 | KJY | 5,18,817 |
| 2 | DSI | 21,26,791 |
| 3 | DSII | 10,02,178 |
| 4 | DS III | 16 |
| 5 | NDS I Commercial | 27,333 |
| 6 | NDS II Commercial | 1,75,450 |
| 7 | NDS III Commercial | 142 |
| 8 | SS I | 178 |
| 9 | SS II | 192 |
| 10 | Irrigation and Agriculture I | 48,333 |
| 11 | Irrigation and Agriculture II | 2,064 |
| 12 | PWW | 692 |
| 13 | LTIS I | 11,352 |
| 14 | LTIS II | 1,447 |
| 15 | HTS I | 1,087 |
| 16 | HTS II | 81 |
| 17 | HTS III | 4 |
| 18 | HTSS | 14 |
| 19 | RT | 16 |
| 20 | DF | 3,34,457 |
| 21 | Total | 42,50,642 |

Table 13: SBPDCL Category wise number of consumers for FY 2016-17, FY 2017- 2018 and FY 2018-19

| Sr. No | Category | FY 2016-17 | FY 2017-18 | FY 2018-19 |
|---------------|-------------------------------|-------------------|-------------------|-------------------|
| 1 | KJY | 6,18,817 | 11,78,469 | 17,38,121 |
| 2 | DSI | 35,00,529 | 41,98,901 | 49,03,995 |
| 3 | DSII | 11,31,827 | 11,88,539 | 12,47,686 |
| 4 | DS III | 17 | 17 | 18 |
| 5 | NDS I Commercial | 46,054 | 77,598 | 1,30,747 |
| 6 | NDS II Commercial | 2,95,621 | 4,98,100 | 8,39,265 |
| 7 | NDS III Commercial | 149 | 156 | 164 |
| 8 | SS I | 229 | 296 | 381 |
| 9 | SS II | 202 | 212 | 222 |
| 10 | Irrigation and Agriculture I | 50,749 | 53,287 | 55,951 |
| 11 | Irrigation and Agriculture II | 2,288 | 2,537 | 2,813 |
| 12 | PWW | 715 | 738 | 763 |
| 13 | LTIS I | 11,919 | 12,515 | 13,141 |
| 14 | LTIS II | 1,535 | 1,628 | 1,728 |
| 15 | HTS I | 1,170 | 1,259 | 1,355 |
| 16 | HTS II | 98 | 118 | 142 |
| 17 | HTS III | 5 | 6 | 7 |
| 18 | HTSS | 14 | 15 | 16 |
| 19 | RT | 17 | 17 | 18 |
| 20 | Sale to Nepal | | | |
| 21 | UI | | | |
| 22 | DF | 3,87,769 | 4,49,579 | 5,21,242 |
| 23 | Total | 60,49,723 | 76,63,988 | 94,57,774 |

Details of Sales Projection for FY 2015-16, FY 2016-17, FY 2017- 2018 and FY 2018-19.

Sales projection of KJY, DS I & DSII have been made based on 24X7 PFA, as per the PFA the per day consumption of KJY is 1 unit/HH/day and for DSI & DSII are shown below

Consumption (units/HH/day)

| | FY 15-16 | FY 16-17 | FY 17-18 | FY 18-19 |
|----------|-----------------|-----------------|-----------------|-----------------|
| KJY+DS-I | 1.52 | 1.81 | 2.12 | 2.42 |
| DS-II | 6.09 | 7.32 | 7.91 | 8.52 |

The total sales for KJY, DSI, DSII is derived by multiplying the consumption (units/HH/day) with the consumer number.

Sales projection for KJY, DSI, DSII (MU)

| | FY 15-16 | FY 16-17 | FY 17-18 | FY 18-19 |
|---------|-----------------|-----------------|-----------------|-----------------|
| KJY | 189.37 | 225.87 | 430.14 | 634.41 |
| DS- I | 1278.42 | 2492.57 | 3721.05 | 5225.29 |
| DS - li | 2226.82 | 3024.02 | 3433.39 | 3881.55 |

For Irrigation and Agriculture I&Irrigation and Agriculture II category a growth rate of 30% is considered for FY 2015-16, FY 2016-17, FY 2017- 2018 and FY 2018-19. For other categories the projection is taken from 24 X 7 PFA. As per 24 X 7 PFA

Sales projections as per 24*7 plan for complete state

| Category | 2015-16 | 2016-17 | 2017-18 | 2018-19 |
|---|----------------|----------------|----------------|----------------|
| Other than domestic excluding agriculture | 6,467 | 7760 | 9312 | 11175 |

From the above projection the sale projection of SBPDDCL & NBPDCCL has been derived based on the existing actual ratio sales

Sales projections as per 24*7 plan for SBPDCL

| Category | 2015-16 | 2016-17 | 2017-18 | 2018-19 |
|---|----------------|----------------|----------------|----------------|
| Other than domestic excluding agriculture | 3,475.83 | 4,170.78 | 5,004.94 | 6,006.25 |

Category wise sale projection of other category (except KJY, DSI, DSII, IASI & IASII) are made based on the above table.

Category wise sales projection for FY 2015-16FY 2016-17, FY 2017- 2018 and FY 2018-19

Table 14: category wise sales for FY 2015-16

| Sr. No | Category | APR |
|--------|-------------------------------|---------------|
| 1 | KJY | 189.37 |
| 2 | DSI | 1278.42 |
| 3 | DSII | 2226.82 |
| 4 | DS III | 0.10 |
| 5 | NDS I Commercial | 12.45 |
| 6 | NDS II Commercial | 504.26 |
| 7 | NDS III Commercial | 0.63 |
| 8 | SS I | 3.71 |
| 9 | SS II | 6.28 |
| 10 | Irrigation and Agriculture I | 181.18 |
| 11 | Irrigation and Agriculture II | 91.85 |
| 12 | PWW | 34.36 |
| 13 | LTIS I | 89.87 |
| 14 | LTIS II | 81.62 |
| 15 | HTS I | 393.82 |
| 16 | HTS II | 188.01 |
| 17 | HTS III | 65.38 |
| 18 | HTSS | 444.60 |
| 19 | RT | 489.28 |
| 20 | Sale to Nepal | 0.00 |
| 21 | UI | |
| 22 | DF | 938.63 |
| 23 | Total | 7220.6 |

Table 15: Category wise sales projection for FY 16-17, FY 17-18 & FY 18-19 (MU)

| Sr. No | Category | FY 2016-17 | FY 2017-18 | FY 2018-19 |
|--------|-------------------------------|------------------|------------------|------------------|
| 1 | KJY | 225.87 | 430.14 | 634.41 |
| 2 | DSI | 2,492.57 | 3,721.05 | 5,225.29 |
| 3 | DSII | 3,024.02 | 3,433.39 | 3,881.55 |
| 4 | DS III | 0.16 | 0.22 | 0.29 |
| 5 | NDS I Commercial | 14.94 | 17.93 | 21.52 |
| 6 | NDS II Commercial | 605.08 | 726.10 | 871.36 |
| 7 | NDS III Commercial | 0.76 | 0.91 | 1.09 |
| 8 | SS I | 4.45 | 5.35 | 6.41 |
| 9 | SS II | 7.54 | 9.05 | 10.86 |
| 10 | Irrigation and Agriculture I | 235.54 | 306.20 | 398.05 |
| 11 | Irrigation and Agriculture II | 119.40 | 155.22 | 201.78 |
| 12 | PWW | 41.23 | 49.47 | 59.37 |
| 13 | LTIS I | 107.84 | 129.41 | 155.30 |
| 14 | LTIS II | 97.94 | 117.53 | 141.04 |
| 15 | HTS I | 472.56 | 567.07 | 680.53 |
| 16 | HTS II | 225.60 | 270.71 | 324.88 |
| 17 | HTS III | 78.45 | 94.14 | 112.98 |
| 18 | HTSS | 533.50 | 640.20 | 768.28 |
| 19 | RT | 587.11 | 704.53 | 845.48 |
| 20 | Sale to Nepal | - | - | - |
| 21 | UI | | | |
| 22 | DF | 1,126.30 | 1,351.56 | 1,621.95 |
| 23 | Total | 10,000.85 | 12,730.18 | 15,962.44 |

Details of Projection of Connected load

For projection of connected load, actual load factor of FY 14-15 has been used. The load factor is provided below

| Sr. No | Category | Sales (Mu) | Load (Kw) | Load Factor FY 2014-15 |
|---------------|-------------------------------|-------------------|------------------|-------------------------------|
| 1 | KJY | 144.34 | 3,07,132.00 | 5.36% |
| 2 | DSI | 396.58 | 7,05,917.00 | 6.41% |
| 3 | DSII | 1,318.00 | 7,50,105.10 | 20.06% |
| 4 | DS III | 0.04 | 73.00 | 6.26% |
| 5 | NDS I Commercial | 13.42 | 17,990.00 | 8.52% |
| 6 | NDS II Commercial | 543.35 | 2,01,105.75 | 30.84% |
| 7 | NDS III Commercial | 0.68 | 607.00 | 12.79% |
| 8 | SS I | 4.00 | 1,097.00 | 41.62% |
| 9 | SS II | 6.77 | 2,266.00 | 34.11% |
| 10 | Irrigation and Agriculture I | 139.37 | 91,279.97 | 17.43% |
| 11 | Irrigation and Agriculture II | 70.65 | 19,270.94 | 41.85% |
| 12 | PWW | 37.02 | 9,801.09 | 43.12% |
| 13 | LTIS I | 96.84 | 41,973.81 | 26.34% |
| 14 | LTIS II | 87.95 | 30,220.58 | 33.22% |
| 15 | HT IS I | 424.35 | 2,08,481.85 | 23.24% |
| 16 | HT IS II | 202.58 | 98,406.00 | 23.50% |
| 17 | HT IS III | 70.45 | 25,650.00 | 31.35% |
| 18 | HT IS IV | 479.07 | 87,640.20 | 62.40% |
| 19 | RT | 527.21 | 1,51,020.00 | 39.85% |
| 20 | DF | 1,011.39 | 5,49,972.59 | 20.99% |

The projected sales, for the control period, have been adopted and applied on the load factor to derive the connected load.

Table 16: Category wise connected load projection for FY 16-17, FY 17-18 & FY 18-19 (kW)

| Sr. No | Category | FY 2016-17 | FY 2017-18 | FY 2018-19 |
|--------|-------------------------------|---------------------|-----------------------|-----------------------|
| 1 | KJY | 4,80,610.74 | 9,15,270.35 | 13,49,929.97 |
| 2 | DSI | 44,36,804.59 | 66,23,519.32 | 93,01,083.54 |
| 3 | DSII | 17,21,038.97 | 19,54,021.31 | 22,09,083.55 |
| 4 | DS III | 286.58 | 397.85 | 529.49 |
| 5 | NDS I Commercial | 20,033.89 | 24,040.67 | 28,850.36 |
| 6 | NDS II Commercial | 2,23,953.93 | 2,68,744.72 | 3,22,510.98 |
| 7 | NDS III Commercial | 675.96 | 811.16 | 973.44 |
| 8 | SS I | 1,221.63 | 1,465.96 | 1,759.25 |
| 9 | SS II | 2,523.45 | 3,028.14 | 3,633.96 |
| 10 | Irrigation and Agriculture I | 1,54,263.15 | 2,00,542.09 | 2,60,704.72 |
| 11 | Irrigation and Agriculture II | 32,567.90 | 42,338.26 | 55,039.74 |
| 12 | PWW | 10,914.62 | 13,097.54 | 15,717.89 |
| 13 | LTIS I | 46,742.58 | 56,091.09 | 67,312.92 |
| 14 | LTIS II | 33,654.02 | 40,384.82 | 48,464.39 |
| 15 | HTS I | 2,32,168.05 | 2,78,601.66 | 3,34,339.94 |
| 16 | HTS II | 1,09,586.18 | 1,31,503.41 | 1,57,812.57 |
| 17 | HTS III | 28,564.17 | 34,277.00 | 41,134.61 |
| 18 | HTSS | 97,597.25 | 1,17,116.69 | 1,40,547.58 |
| 19 | RT | 1,68,177.80 | 2,01,813.36 | 2,42,189.04 |
| 20 | DF | 6,12,456.50 | 7,34,947.79 | 8,81,984.71 |
| 21 | Total | 84,13,841.93 | 1,16,42,013.20 | 1,54,63,602.63 |

Annexure 36- Break-up of KJ consumers in terms of no. of consumers in KJ rural and KJ urban

KJY consumers

The details of the KJY consumers provided in the petition has been provided below

| | No of connections | Connected load (KW) | Sales (in MU) |
|---------------|-------------------|---------------------|---------------|
| KJY consumers | 418817 | 307139 | 144.34 |

The breakup of KJY consumers and their details as provided in table below is to be furnished.

| | No of connections | Connected load (KW) | Sales (in MU) |
|-------------|-------------------|---------------------|---------------|
| Rural areas | 406290 | 294615 | 139.24 |
| Urban areas | 12527 | 12524 | 5.10 |

Anneure 37: The actual category wise number of consumers existing as on 30.09.2015

| As on 01.09.2015(Provisional) | | | | |
|--------------------------------------|-------------------------------|-----------------------|----------------------------|-------------------|
| S No | Consumer category | No of Consumer | Connected load (KW) | Sales (MU) |
| 1 | KJY | 437099 | 315734 | 69.36 |
| 2 | DSI | 801030 | 809164 | 260.14 |
| 3 | DSII | 592376 | 349972 | 500.01 |
| 4 | DS III | 6 | 23 | 0.01 |
| 5 | NDS I Commercial | 18644 | 20683 | 6.76 |
| 6 | NDS II Commercial | 122319 | 119512 | 198.35 |
| 7 | NDS III Commercial | 92 | 233 | 0.34 |
| 8 | SS I | 105 | 251 | 1.31 |
| 9 | SS II | 118 | 423 | 1.76 |
| 10 | Irrigation and Agriculture I | 47911 | 92035 | 54.68 |
| 11 | Irrigation and Agriculture II | 1833 | 19007 | 37.68 |
| 12 | PWW | 519 | 5975 | 12.25 |
| 13 | LTIS I | 8661 | 32057 | 35.78 |
| 14 | LTIS II | 847 | 19613 | 36.54 |
| 15 | HTS I | 1054 | 220684 | 194.79 |
| 16 | HTS II | 76 | 135349 | 97.59 |
| 17 | HTS III | 3 | 26550 | 45.84 |
| 18 | HTSS | 14 | 87739 | 222.73 |
| 19 | RT | 15 | 151020 | 230.33 |

DF- Gaya

| As on 1.10.2015 | | | | | | | |
|------------------------|------------------|--|--|--------------------------------------|---------------------------------|-------------------------------|--------------------------------|
| Sr. no. | Category | Total No. of Consumers (as on 01.10.2015) | Sanctioned or Contract demand(MW) | Units consumed in DF area(MU) | Units Billed by DF (MU.) | Fixed Charge (Rs. Cr.) | Energy Charge (Rs. Cr.) |
| 1 | KJ | 27572 | 27.57 | 6.62 | 6.62 | 0.44 | 0.84 |
| 2 | DS-I | 14179 | 14.38 | 5.74 | 5.74 | 0.60 | 0.63 |
| 3 | DS-II | 75756 | 135.86 | 58.48 | 58.48 | 3.25 | 20.27 |
| 4 | DS-III | - | - | - | - | - | - |
| 5 | NDS-I Commercial | 733 | 0.78 | 0.24 | 0.24 | 0.02 | 0.04 |
| 6 | NDS-II | 15487 | 35.92 | 21.71 | 21.71 | 4.23 | 12.04 |

| As on 1.10.2015 | | | | | | | |
|-----------------|-------------------|---|-----------------------------------|-------------------------------|--------------------------|------------------------|-------------------------|
| Sr. no. | Category | Total No. of Consumers (as on 01.10.2015) | Sanctioned or Contract demand(MW) | Units consumed in DF area(MU) | Units Billed by DF (MU.) | Fixed Charge (Rs. Cr.) | Energy Charge (Rs. Cr.) |
| | Commercial | | | | | | |
| 7 | NDS-III Comercial | 71 | 0.58 | 0.37 | 0.37 | 0.03 | 0.17 |
| 8 | LTIS-I | 1768 | 12.97 | 10.54 | 10.54 | 0.72 | 5.77 |
| 9 | LTIS-II | 71 | 3.71 | 3.08 | 3.08 | 0.25 | 1.74 |
| 10 | IAS-I | 3206 | 9.17 | 4.96 | 4.96 | 0.53 | 0.10 |
| 11 | IAS-II | 9 | 0.10 | 0.13 | 0.13 | - | 0.09 |
| 12 | SS-I | 37 | 0.19 | 0.18 | 0.18 | - | 0.13 |
| 13 | SS-II | 45 | 0.34 | 1.06 | 1.06 | 0.89 | |
| 14 | PWW | 34 | 0.61 | 0.62 | 0.62 | 0.07 | 0.43 |
| 15 | HTS-I | 64 | 12.89 | 15.64 | 15.64 | 1.99 | 9.24 |
| 16 | HTS-II | 2 | 2.12 | 4.56 | 4.56 | 0.35 | 2.62 |
| 17 | HTS-III | - | - | - | - | - | - |
| 18 | HTSS | - | - | - | - | - | - |
| 19 | RTS | - | - | - | - | - | - |
| Total | | 139034 | 257.18 | 133.92 | 133.92 | 13.37 | 54.11 |

DF- Bhagalpur

As on 01.10.2015

| SI No | Consumer Category | No of Consumers | Connected Load (MU) | Sales (MU) | Fixed Charges (Rs Cr) | Energy Charges (Rs Cr) |
|-------|-------------------------------|-----------------|---------------------|------------|-----------------------|------------------------|
| 1 | KJY | 37424 | 0.037 | 1.23 | 0.02 | 0.21 |
| 2 | DSI | 45345 | 0.046 | 3.00 | 0.23 | 0.44 |
| 3 | DSII | 69003 | 0.095 | 11.78 | 0.44 | 4.65 |
| 4 | DS III | 11 | 0.000 | 0.01 | 0.00 | 0.00 |
| 5 | NDS I Commercial | 1423 | 0.002 | 0.09 | 0.01 | 0.02 |
| 6 | NDS II Commercial | 12251 | 0.031 | 3.45 | 0.61 | 1.94 |
| 7 | NDS III Commercial | 29 | 0.000 | 0.01 | 0.00 | 0.01 |
| 8 | SS I | 15 | 0.000 | 0.01 | 0.00 | 0.01 |
| 9 | SS II | 30 | 0.001 | 0.62 | 0.43 | 0.00 |
| 10 | Irrigation and Agriculture I | 1793 | 0.003 | 0.33 | 0.02 | 0.02 |
| 11 | Irrigation and Agriculture II | 69 | 0.001 | 0.22 | 0.02 | 0.12 |
| 12 | PWW | 110 | 0.001 | 0.15 | 0.02 | 0.10 |
| 13 | LTIS I | 2985 | 0.013 | 1.12 | 0.11 | 0.62 |
| 14 | LTIS II | 80 | 0.002 | 0.33 | 0.03 | 0.20 |
| 15 | HT IS I | 49 | 0.012 | 2.44 | 1.45 | 0.29 |

Annexure 38 - Segregation of KJ Rural and KJ Urban to be electrified may be furnished

| | FY 15-16 | FY 16-17 | FY 17-18 | FY 18-19 |
|-----------|-----------------|-----------------|-----------------|-----------------|
| KJY Rural | 90000 | 90000 | 503687 | 503687 |
| KJY Urban | 10000 | 10000 | 55,965 | 55,965 |