

BSES Yamuna Power Limited

BID Document

For Banking of Power

On Firm Basis during May-2019 to Sep-2020

Last Date for Submission of Bid is 15-May-2019 (15:15 Hrs)

Tender no – BYPL/PMG/FY 19-20/Tender/Banking-1 dt 30-Apr-2019

Head (Power Management Group)
2nd Floor, A-Block, Shakti-kiran Building
Karkardooma, New Delhi-110092
Ph: 011-39992048
Fax: 011-39992076

1. Introduction and Background

BYPL is limited company incorporated under the companies Act 1956 and engaged in the business of distribution of electricity within its licensed area in NCT of Delhi. BYPL invites offers from the CERC licensed power traders / utilities for power swap arrangement for the period as per the details given below:-

	Supply of power to BYPL			Return of Power by BYPL		
	Month	Time slots (Hrs)	Qty offered (MW)	Month	Time slots (Hrs)	Return ratio (%)
Arrangement I	16th May-2019 to 31st may-2019	00-03	75	Nov-19 to Mar-20	(RTC) Or (00-06 & 22-24) Or (Same time slots in which power availed)	to be specified by bidder.
		14-17	50			
		21-24	75			
	Jun-19	0-3 & 21-24	125			
		14-17	100			
	1st Jul-19 to 15th Jul-19	00-03& 21-24	75			
		14-17	100			
16th Jul-2019 to 31st Jul-2019	00-03& 21-24	50				
Aug-19	00-03 & 21-24	50				
Arrangement II	Supply of power from BYPL			Return of power by BYPL		
	Month	Time slots (Hrs)	Qty offered (MW)	Month	Time slots (Hrs)	Return ratio (%)
Arrangement II	Nov-19 to Mar-20	00-06 & 22-24	Up to 250	16th May-20 to 30th Sep-20	00-06 & 22-24	to be specified by bidder.
					RTC	
					00-03, 14-17 & 21-24	

This is tentative quantity, the quantity shall be finalised at the time of letter of Award.
Sources/bids from WR/SR shall be considered based on the WR-NR corridor availability

Note:- i) If trader/utilities prefer to offer/avail power in some other time slot, BYPL would consider the same on mutually agreed basis. However, selection/Rejection of such bids shall be at sole discretion of BYPL. (Valid LOI/Comfort letter of other utility is mandatory)

ii) Any other banking offer (with proper back to back LOI/comfort letter) shall be considered, if found suitable for BYPL

iii) Bids without relevant back to back LOI shall be summarily rejected & shall not be considered for evaluation.

2. Return of Power:

Trader/utilities are requested to clearly indicate the Conversion Ratio in percentage, offered by them on the quantum of banked power returnable to BYPL.

Preference shall be given to the trader/utilities who will accept the return of power with minimum percentage for Arrangement-I and maximum percentage on return for arrangement-II with minimum trading margin.

3. Back to Back Arrangement: -

In case the bidder is Trading Licensee if it has valid back to back LoI/ Agreement with the importing utility, LoI/ Agreement of back to back arrangements, should be attached with the bid. It may be noted that offer without backup LOI shall not be considered for evaluation.

4. Earnest Money Deposit:

The prospective Bidders shall have to deposit Earnest Money (EMD) of Rs. 500000/- (Rupees Five Lac) in or through RTGS directly in the designated account of BYPL.

Bank details are as follows:-

- (i) Account Name - BSES Yamuna Power Limited
- (ii) Bank Name - AXIS Bank, Swasthya Vihar, New Delhi.
- (iii) Account No. - 911030003596085
- (iv) RTGS Code - (RTGS Code of Axis Bank UTIB0000055

Participation of bidders is subjected to confirmation of receipt of EMD by finance department.

The bid without prescribed amount of EMD shall be rejected.

The EMD shall be refunded to the bidders whose offers are not accepted after 30 days of opening of bids without any interest. The EMD of the Bidders whose offers are accepted shall be refunded only after the said bidder(s) have released all the payments and fulfilled their obligations under this contract. No interest shall be paid on this EMD.

Government companies/utilities/PSU/which are owned/controlled by central or state government, intend to participate directly in the tender, shall be exempted from furnishing the requisite EMD.

EMD submitted by the bidders may be forfeited under the following circumstances:

- i. In case bidder withdraws or modifies its bid during Bid Validity Period or fails to sign detailed Power Swap Agreement within 07 days from issuance of LoA (Letter of Award) to successful bidder.
- ii. During period of supply by BYPL- In case BYPL issues the LoI in favour of successful bidder, and the bidder fails to apply open access within stipulated time as specified in the prevailing open access regulations for advance booking of short term open access, issued/amended by CERC from time to time.
- iii. During period of Return to BYPL- In case BYPL has already supplied power under the contracted banking arrangement and the bidder fails to apply open access within stipulated time as specified in the prevailing open access regulations for advance booking of short term open access, issued/amended by CERC from time to time.
- iv. In case of any wilful default by the trader/utility during the return of power to BYPL leading to any shortage in the contracted returnable energy to BYPL.
- v. In case of submitted proposal is without relevant back to back LOI

- vi. In case of non-submission of payment security mechanism within 7 days from issuance of Lol or commencement of power flow whichever is earlier.

5. Submission of Bid

The Electricity Trading Companies are required to submit photocopy of their valid license issued by CERC along with Bid Document. The Bid submitted by the Bidder and all correspondence and documents relating to the bid shall be written in the English Language.

The Bidders shall submit their bids in sealed envelopes marked "BYPL Power Swap Arrangement-for May-19 to Sep-20" and shall be sent to:

Sh. Sunil Kakkar
Head- Power Management
BSES Yamuna Power Limited
Block-A, Cabin-2, 2nd Floor,
ShaktiKiran Building, Karkardooma,
New Delhi-110092
Fax No. 011-39992076/ Tel (O) – 011-39992048

6. Contract Documents

Subject to approval of the competent authority BYPL shall intimate the award of power swap arrangement to the successful Bidder's through a letter of award (LOA). Successful Bidder's shall convey their acceptance of Letter of Award within 3 days of issue of letter of award. Acceptance of Letter of Award shall be construed as a binding contract. After acceptance of Letter of Award, the successful bidder shall execute the detailed Power Swap Agreement with BYPL within 7 days of issue of Letter of Acceptance, inter-alia incorporating provisions of the General Terms and conditions attached as per Annexure-I.

7. Payment Security Mechanism

In case successful bidder is utility then, both the parties (BYPL & successful bidder) shall provide the month wise SLDC consent for open access booking in advance for scheduling of contracted power.

The schedules/applications so signed shall not be revised/ changed without consent of both the parties. However, if it becomes necessary to alter/amend the same on account of corridor congestion/change in scheduling procedure the same will also be made with mutual consent of both the parties.

In case successful bidder is generator then bidder shall provide the month wise SLDC consent. Successful bidder shall also provide the requisite amount LC/BG or any other financial instrument as mutually agreed, of amount equivalent to monthly contracted quantity calculated @ Rs 3.0/Kwh to be supplied by BYPL, within five days of commencement of power flow.

8. Compliance to the terms and conditions

The Bidders are advised to ensure that the bid is fully compliant with the requirements specified, terms and conditions contained in the Bid Document. No deviation from these conditions is permissible and BYPL reserves right to reject any such bid with any deviations.

9. BYPL right to accept/reject the bid

BYPL reserve the right to reject any or all bids or to accept any bid in full or part at its sole discretion without assigning any reasons whatsoever there off. For the avoidance of doubt, it is clarified that BYPL also reserves the right to alter the time period/slots of supply & return of power, quantities of power/split the quantities of power as fully described in clause 1, amongst more than one selected bidder for the same month.

The decision of BYPL shall be final and binding on the bidders in this respect and no further correspondence shall be entertained by BYPL in this regard. The participation of any bidder shall be at their own cost and risks.

10. Modification of the Bid Documents

BYPL reserves the right to modify terms and conditions of the Bid Documents prior to the submission of the bid by the bidder by issuing amendment(s) and such amendment(s) shall form part of bid documents.

11. Bid Validity Period

The offer shall remain valid for a period of 30 days from the date of opening of bid ("Bid Validity Period") and the Bidders shall have no right to withdraw the offer or alter any terms and conditions during the period of validity. In case the bidder withdraws or alters any terms and conditions during the period of validity, EMD submitted by the bidder shall be forfeited.

12. Submission of the Bid

The tender may be submitted in the office of Head-Power Management Group, ShaktiKiran Building, BYPL Corporate Office, Karkardooma, New Delhi-110092, on or before by "15-May-19" at 15:15 hrs and the bids will be opened on the same day at 15:30 hrs. The Venue for the tender opening shall be "Board Room, 1st Floor, ShaktiKiran Building, Karkardooma". The representatives of the participating parties may be present at the time of opening of the bid, if they so desire.

13. Governing Law

Subject to the statutory provisions for arbitration under Electricity act 2003, all other differences or disputes between the parties arising out of or in connection with this "bid document" shall be settled through arbitration subject to the provision of arbitration and conciliation Act 1996. The venue for arbitration shall be New Delhi.

14. Jurisdiction

Matters arising out of or in conjunction with the Bid/offer Documents and/or the bidding process shall be governed by and construed in accordance with Indian Law and the courts of New Delhi shall have exclusive jurisdiction.

15. Change in Law

In case of change in law or restriction imposed by Regulator (Central / State) or Government or Appellate Tribunal/ High Court/ Supreme Court on any aspect for sale, purchase or banking of power, the same shall be binding on both the parties.

16. Contact Person:

For any clarification in this regard, please contact

Sh Kaliraj Sankaralingam, Manager (contact no-8467084956)

Email: kaliraj.sankaralingam@relianceada.com

(Bid document can also be downloaded from our website www.bsesdelhi.com)

Thanking you,

Yours Sincerely



Sunil Kakkar

Head -Power Management, BYPL

Annexure-I: General Terms and Conditions

Terms and conditions for power swap arrangement are as under:-

1. Period, Time slot & Quantum of Power:

BYPL shall supply/avail the power as per following details :

	Supply of power to BYPL			Return of Power by BYPL		
	Month	Time slots (Hrs)	Quantum offered (MW)	Month	Time slots (Hrs)	Return ratio (%)
Arrangement I	16th May-2019 to 31st may-2019	00-03	75	Nov-19 to Mar-20	(RTC)	to be specified by bidder.
		14-17	50			
		21-24	75			
	Jun-19	0-3 & 21-24	125		Or	
		14-17	100		(00-06 & 22-24)	
	1st Jul-19 to 15th Jul-19	00-03& 21-24	75		Or	
		14-17	100		(Same time slots in which power availed)	
16th Jul-2019 to 31st Jul-2019	00-03& 21-24	50				
Aug-19	00-03 & 21-24	50				
Arrangement II	Supply of power from BYPL			Return of power by BYPL		
	Month	Time slots (Hrs)	Quantum offered (MW)	Month	Time slots (Hrs)	Return ratio (%)
	Nov-19 to Mar-20	00-06 & 22-24	Up to 250	16th May-20 to 30th Sep-20	00-06 & 22-24	to be specified by bidder.
				RTC		
				00-03, 14-17 & 21-24		

Return of Power:

If trader/utilities prefer to return the banked energy in some other time slot, BYPL would consider the same based on mutually agreed basis. However, selection/Rejection of such bids shall be at sole discretion of BYPL.

2. Delivery point:-

The Delivery Point in either case shall be at Regional Periphery of exporting utility..

3. Open access, Transmission Charges & Losses:

a) Upto Delivery Point:

When BYPL is exporting: All Open Access Charges upto delivery point including SLDC application fee, SLDC Operating charges, PoC injection charges, Delhi STU charges etc. and all transmission losses including PoC Injection Losses shall be borne by BYPL.

b) Beyond Delivery Point:

When BYPL is importing: All Open Access Charges beyond delivery point including SLDC/RLDC Application fee, SLDC/RLDC Operating charges, PoC drawl charges, Delhi STU charges and all transmission losses including PoC drawl losses shall be borne by BYPL.

Any other charges/losses, other than specified above shall be to the account of the successful bidder/Trader. Any Taxes, duties & Cess etc. if becomes applicable, shall be borne by the bidder.

4. Scheduling:

The successful bidder shall apply open access for the entire contracted quantum for all the blocks of the contracted period immediately after the receipt of LoA from BYPL as per the time line stipulated in CERC open access regulations/guidelines in force, presently 3 months in advance.

Scheduling of power shall be as per CERC Open Access Regulations, CTUs Open Access procedure and IEGC in vogue and shall include the following:-

(i) Both importing and exporting utility shall schedule power in full, except in case of transmission constraints. The scheduling and dispatch of the power shall be coordinated with the respective RLDCs as per the relevant provisions of IEGC and the other decisions of RLDC and RPCs.

(ii) Scheduling of power should be uniform throughout the block period filled in the tender document subject to Open Access approval received from nodal RLDC.

(iii) Both the entities shall obtain the concurrence of their respective SLDC required for short term open access. Recipient utility shall apply for STOA as per short term scheduling procedures along with the SLDC consent and pay the open access charges as per rules. The recipient utility shall provide the SLDC concurrence in advance to BYPL.

(iv) The supplying utility shall reimburse the open access and scheduling charges if any before delivery point, to recipient utility within 7 days after receiving the bill..

(v) In case of cancellation of corridor by RLDC due to system constraints, the refund received by recipient utility from RLDC, if any, against supplying State's Open Access Charges shall be refunded within 7 days of receipt from the Nodal RLDC

(vi) In case of re-routing of open access corridor due to congestion/system constraints, the additional charges involved shall be borne by recipient utility.

5. Contract Security Mechanism:

In case returning source is utility, then trader/bidder shall provide the SLDC consent in advance against the power received under banking transaction. The trader/ Utility shall apply for the open access corridor on advance basis/ FCFS basis for the return of banked quantum.

In case returning source is generator then trader/ bidder shall provide the month wise SLDC consent. Successful bidder shall also provide the requisite amount of LC/BG or any other financial instrument as mutually agreed, of amount equivalent to monthly contracted quantity calculated @ Rs 3.0/Kwh to be supplied by BYPL, within five days of commencement of power flow.

6. Settlement Rate:

Energy will be exchanged with energy only. If the energy is exchanged between BYPL and trader/ utility in the desired proportion no monetary transaction will take place. However

Arrangement I –

i. In case BYPL fails to return the contracted returnable energy during a month, Owing to Transmission constraints & other force majeure conditions, the balance energy for that month shall be returned to successful bidder (Trader/utility), as per mutual consent.

ii. In case quantum of power returned by BYPL is less than 99.5% of power returnable by it, the differential energy will be settled at the rate of Rs 5.00/kwh.

iii. In case quantum of power returned by BYPL is more than or equal to 99.5% and less than 100% of power returnable by it, the differential energy will be settled at the rate of Rs 4.00/kwh.

Arrangement II –

- i. In case Successful bidder (Trader/Utility) fails to return the contracted returnable energy during a month, Owing to Transmission constraints & other force majeure conditions, the balance energy for that month shall be returned to BYPL, as per mutual consent.
- ii. In case quantum of power returned by Successful bidder (Trader/Utility) is less than 99.5% of power returnable by it, the differential energy will be settled at the rate of Rs 5.00/kwh.
- iii. In case quantum of power returned by Successful bidder (Trader/Utility) is more than or equal to 99.5% and less than 100% of power returnable by it, the differential energy will be settled at the rate of Rs 4.00/kwh.

7. Energy Accounting:

- (a) For the power supplied by BYPL during the entire month, the trader/utility shall submit certified energy statement to BYPL based on the REA issued by the Nodal RPC.
- (b) For the supply of banked power to BYPL by trader/utility during the entire month, the trader/utility shall issue a certified energy statement based on the REA issued by NRPC.
- (c) Once all the transactions are completed, trader/utility shall prepare a final energy account showing the supply and return of power in energy terms (MUs).
- (d) Accounting of energy exchange will be carried out by trader / utility on the basis of implemented schedule / final revision by Northern Regional Load Dispatch Centre and respective Regional Load Dispatch Centre subject to final reconciliation on the basis of Regional Energy Accounts issued by NRPC and respective Regional Power Committee at the end of contract period. Final reconciliation certificate shall be raised on the basis of REA adjustment, if any.

8. Payment & late surcharge:

All payments against Trading margin, Open Access bills and adjustment of energy bill shall be made within 7 working days from the receipt of bill. Bill received after 12:00 hrs shall be considered to be received on next working day and shall be processed accordingly. However, for delay in payment beyond 30 days from the issuance of bills, surcharge will be applicable @ 1.25% per month. The surcharge shall be calculated on day-to-day basis.

9. Compensation for default:

(i) The traders/Utility shall apply for obtaining Open Access approval from the nodal agency for booking of corridor for contracted quantum on three month advance basis. In case successful trader/utility fails to apply for open access on three month advance basis then compensation shall be levied on 100% contracted quantity @ Rs.1.00/kWh.

(ii) Without prejudice to the provisions of force majeure, if BYPL fails to schedule power equal to the 85% of the monthly (calendar month) energy, for which Open Access is initially approved then the BYPL shall pay compensation @ Rs 1.00/Kwh (One per Kwh) for the difference (shortage) quantity to trader/utility. Similarly, if trader/utility does not avail the power equal to 85% of monthly (calendar month) energy for which Open Access is initially granted, then trader/utility shall pay compensation @ Rs 1.00/Kwh (One per Kwh) for the difference (shortage) quantity to BYPL. The compensation, as mentioned above, shall also be applicable for return of power by trader/utility to BYPL.

At the time of final settlement, the amount of compensation paid by the trader/ utility/ BYPL, if any, shall be adjusted.

(iii) In case of revision/cancellation of approved open access corridor, the party seeking revision / cancellation of open access corridor shall bear all the open access charges as applicable under Inter-State Open Access Regulations from the injection point till the point of drawl applicable due to such surrender/cancellation.

10. Trading Margin:

The trader (i.e. bidder) is required to specify the trading margin inclusive of all taxes, for the quantum of power supplied to BYPL. However, the trading margin will not be more than 4 paise/kwh. No trading margin will be allowed on the quantum supplied by BYPL. In case the offers of different bidders have the same provision for return of power, then the offer of the bidder with

lesser trading margin shall be preferred.

11. Force Majeure

The parties shall ensure due compliance with the terms of the agreement. However, no party shall be liable for any claim for any loss or damage whatsoever arising out of the failure to carry out terms of the agreement to the extent that such a failure is due to Force Majeure events like rebellion, mutiny, civil commotion, riot strike, lock-out, natural calamity, act of God and technical constraints / transmission constraints imposed by RLDC / RPC. But any party claiming the benefit of this clause shall fully satisfy the other party of the existence of such event and give written information to the other party within 24 hours of such Force Majeure. Supply / drawl of power shall be resumed immediately by the parties concerned after such eventuality has come to an end or ceased to exist.

(To be given on the official letter Head of the Bidder)
Bid for banking of power

Annexure II

To,

Sh. Sunil Kakkar
Head-Power Management,
BSES Yamuna Power Limited
2nd Floor A-Block, Cabin-2,
Shakti-Kiran Bldg, Karkardooma,
New Delhi-110092.,
Tel (O) - 011-39992048/2074,
Fax No. 011-39992076

Acceptance of General Terms and Conditions and submission of Banking Bid

(To be signed by the authorized person of the bidder)

- 1.) Certified that I am authorized person on behalf of my company/ organization to submit bid.
- 2.) I/We have carefully gone through the Tender Document and satisfied ourselves/myself and hereby confirm that our/my offer strictly confirms to the requirements of the Tender Document and accept all the terms and conditions of offer.
- 3) We are enclosing Bank Draft No/RTGS receipt no. _____ dated _____ amount for Rs _____ issued from _____ payable at New Delhi, as Earnest Money Deposit.
- 4) The photocopy of valid trading license issued from CERC is enclosed. (Applicable in case of Electricity Traders only)

5.) We are submitting our Banking Bid as under: -

	Availing of power by BYPL				Return of Power by BYPL		
	Month	Time slots (Hrs)	Quantum offered (MW)	Trading Margin in Ps./kWh	Month	Time slots (Hrs)	Return ratio (%)
Arrangement I	16th May-2019 to 31st may-2019	00-03	75		Nov-19 to Mar-20	(RTC) Or (00-06 & 22-24) Or (Same time slots in which power availed)	
		14-17	50				
		21-24	75				
	Jun-19	00-03 & 21-24	125				
		14-17	100				
	1st Jul-19 to 15th Jul-19	00-03 & 21-24	75				
		14-17	100				
	16th Jul-2019 to 31st Jul-2019	00-03 & 21-24	50				
Aug-19	00-03 & 21-24	50					
Arrangement II	Supplying of power by BYPL			Availing of Power by BYPL			
	Month	Time slots (Hrs)	Quantum offered (MW)	Month	Time slots (Hrs)	Return ratio (%)	Trading Margin In Ps./kWh
	Nov-19 to Mar-20	00-06 & 22-24	Up to 250	16th May-20 to 30th Sep-20	00-06 & 22-24 RTC 00-03, 14-17 & 21-24		

Signature:

Name: _____

Date: ___/___/___

Designation: _____

Name of company/Org _____

Address _____

Telephone No (O)/Mobile _____

Seal of company _____

ANTICIPATED SHORTAGE(-) / SURPLUS(+) FOR SUMMER AT A GLANCE 2019-20

BSES YAMUNA POWER LTD

Month	1ST FORNIGHT												2ND FORNIGHT																																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	198	234	274	323	365	320	288	300	312	274	164	130	179	185	165	160	161	160	194	164	237	262	214	199	-11	20	80	135	180	218	271	262	233	245	147	101	162	179	99	91	93	118	167	161	170	133	86	65
2	179	239	308	362	410	467	505	520	533	444	376	326	306	321	237	213	246	264	317	330	331	268	148	133	-76	-41	16	64	122	202	297	310	366	297	191	141	94	77	-43	-19	-7	41	122	122	116	48	-49	-77
3	164	-60	-96	-27	4	62	176	219	268	260	159	68	122	44	-53	-95	-87	-24	63	113	102	24	-84	-121	-170	-129	-151	-124	-54	60	162	206	261	216	120	76	72	26	-117	-170	-143	-25	62	143	165	62	-97	-165
4	-161	-78	-76	4	57	133	191	230	277	209	81	22	3	-79	-79	-109	-97	64	126	61	87	84	-76	-127	-48	38	29	108	170	228	236	245	261	268	166	83	69	69	68	21	33	82	115	139	133	32	-64	-61
5	-9	70	76	146	214	269	308	314	346	278	192	98	60	113	99	70	67	97	149	148	146	83	-3	-17	85	161	146	189	236	262	300	305	291	199	141	97	69	64	142	114	142	202	220	177	165	119	67	63
6	161	248	282	333	377	395	393	393	380	281	194	162	240	232	166	163	169	196	226	229	246	237	226	241	149	224	253	292	338	351	367	370	361	277	214	174	265	300	263	244	246	270	260	266	260	228	192	186

Month	1ST FORNIGHT												2ND FORNIGHT																																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	200	200	200	200	175	175	175	175	175	175	175	175	175	175	200	200	200	200	200	200	200	200	200	200	200	200	
3	244.4	244	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	244	244	244	244	175	175	175	175	175	175	175	175	175	244	244	244	244	244	244	244	244	244	244	244	244	244	
4	248	248	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	248	248	248	248	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	
5	205	205	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	138.6	134	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	123	123	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	

Key Assumptions-Summer
 Projection of Demand is as per NRPC methodology
 Availability is as per LGBR for FY 2018-19 actual
 Availability for NTPC station is 95 %, & 85% for state sector
 1% Contingency Auxiliary(Normalive basins) & Losses (3.25%) considered
 Resumption of NHPC supply w.e.f 01.04.2019

THDC,APCPCL is ZERO
 Ansa-G,Aurysa-G & Dadri-G considered as per technical minimum
 705 MW BTPS considered shutdown w.e.f April'19
 State Un-allocated quota is as per order dt 05.08.2013
 800 MW (for Delhi)generation considered for Bawana
 270 MW for Pragati and 172 MW for GT considered
 All figure are in MW term.

Plants	April	May	June	July	Aug	Sep
PAFXM						
PPCL-III	44	44	44	44	44	44

ANTICIPATED SHORTAGE(-) / SURPLUS(+) FOR SUMMER AT A GLANCE 2019-20

BSES YAMUNA POWER LTD

12/04/2019

1st Month	1ST FORTNIGHT														2ND FORTNIGHT																																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
1	79	138	180	233	269	284	222	232	269	160	80	62	53	88	29	17	35	35	45	69	117	125	66	52	416	455	482	502	516	466	398	378	378	304	237	213	216	268	274	276	263	214	230	267	312	366	363	377
2	425	462	477	497	499	445	379	335	312	237	190	167	168	207	215	215	209	188	193	209	224	298	340	387	601	636	650	659	641	551	406	352	341	298	288	279	297	354	387	397	378	355	357	379	399	459	600	648
3	622	652	689	704	689	570	417	367	321	273	256	250	275	364	395	415	416	376	367	358	401	462	501	658	585	635	660	678	663	661	359	363	202	134	117	113	166	243	313	341	348	313	290	283	302	358	409	489
4	560	611	640	639	639	525	326	214	170	111	102	102	165	226	289	323	327	295	278	273	303	365	413	487	541	593	625	643	616	494	267	172	142	87	67	72	97	182	262	293	291	263	250	238	269	329	370	465
5	415	466	501	521	496	376	163	38	-8	-68	-78	-76	-23	39	115	148	160	126	133	136	156	219	263	345	492	543	569	604	668	449	251	153	104	60	39	68	83	155	223	238	261	234	216	215	246	304	353	428
6	356	394	411	428	426	356	287	246	200	139	112	111	123	179	193	209	217	177	162	161	168	232	264	296	362	396	431	464	481	430	416	377	330	266	216	209	208	243	228	233	246	230	249	232	271	287	296	311

Banking Arrangement	1st FT														2nd FT																																		
	Mar-20	Feb-20	Jan-20	Dec-19	Nov-19	Oct-19	Mar-20	Feb-20	Jan-20	Dec-19	Nov-19	Oct-19	Mar-20	Feb-20	Jan-20	Dec-19	Nov-19	Oct-19																															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	-74.5	-74	-74	-74	-74	-74	-74.5	-74	-74	-74	-74	-74	-74.5	-74	-74	-74	-74	-74	-74.5	-74	-74	-74	-74	-74	-74.5	-74	-74	-74	-74	-74	-74	-74.5	-74	-74	-74	-74	-74	-74.5	-74	-74	-74	-74	-74	-74.5	-74	-74	-74	-74	-74
	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136	-136
	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191	-191
	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200
	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147	-147
	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96	-96

Key Assumption-Winter
 Projection of Demand is as per NRPC methodology
 Availability is as per LGBR for FY 2018-19
 Availability for NTPC station is 95 %, & 85% for state sector & and for NHPC and SJVN, as per LY actual
 1% Contingency Auxiliary(Normative basis) & Losses (3.25%) considered
 Ant-G, Anrya-G & Daddi-G considered as per technical minimum
 705 MW BTPS considered shutdown w.e.f Oct'18
 State Un-allocated quota is as per order dt 05.08.2013
 600 MW (for Delhi)generation considered for Gawana
 270 MW for Pragathi and 90 MW for GT considered
 490 MW under shutdown from 01.02.2019 o 15.03.2019 for annual overhauling
 All figure are in MW term.

PAFM
 PPCL-III 44 44 44 44 44