



JSW Energy (Barmer) Limited

Village & Post : Bhadresh, Post Box No. 30,

Distt : Barmer – 344001 (Rajasthan)

CIN : U31102MH1996PLC185098

Phone : +91 2982 229100

Fax : +91 2982 229222

Website : www.jsw.in

Ref: JSWE(B)L/ENV/2021-22/008

Date: 14.05.2021

To,

**The Member Secretary
Rajasthan State Pollution Control Board,
4-Institutional Area, Jhalana Doongari,
Jaipur – 302004**

Sub: Compliance Report – Consent to Operate Environmental Clearance of JSWEBL Township at City Barmer.

Ref: Consent to Operate

1. Compliance to CTO RWPL Township File No. **F(HDF)/Barmer(Barmer)/9(1)/2016-2017/9836-9838** Order No. **2016-2017/HDF/2515**, Dt: **23/01/2017**

Dear Sir,

With reference to Consent to Operate issued for JSW Energy(Barmer) Limited- Township in City Barmer, Rajasthan, we herewith submit half-yearly compliance report, for the period pertaining to **OCTOBER-2020 to MARCH-2021**, for the conditions stipulated in the Consent to operate issued.

We have taken up the Operation activity at the Township Plant as per the conditions stipulated in this Consent to Operate.

Thanking you.

For JSW Energy(Barmer) Limited.

Vinod Kumar Jindal
AGM- LHS, Environment & Chemistry

Enclosure:

1. Compliance Report
2. Water Bill from PHED – **Annexure _I**
3. STP Treated Water Quality- **Annexure _II**

C.C. The Regional Officer – RSPCB, Balotra



Part of O.P.Jindal Group

Regd. Office : Raj WestPower Ltd., JSW Center, BKC Complex, Bandra (E), Mumbai – 400051

Jaipur Office: Office No. 2 & 3, 7th Floor, Man Upasana Plaza, C-44, Sardar Patel Marg, C-Scheme, Jaipur – 302 001 Ph : 0141 2369772 Fax 0141 2369774

Compliance to CTO for COLONY, File No. F(HDF)/Barmer(Barmer)/9(1)/2016-2017/9836-9838; Order No. 2016-2017/HDF/2515, Dt: 23/01/2017

SN	Condition	Compliance
1.	That this Consent to Operate is valid for a period from 01/09/2015 to 31/08/2018 .	Township Plant has operated during the stipulated period. Renewal application is applied as per norms.
2.	That this consent is granted for manufacturing / producing following products / by Products or carrying out the following activities or operation/processes or providing following services with capacities of Sewage Treatment Plant 290 KLD.	Complied – STP of Stipulated capacity has constructed and in operation
3.	That this consent to operate is for existing plant, process & capacity and separate consent to establish/operate is required to be taken for any addition/modification/alteration in process or change in capacity or change in fuel	Noted and shall be complied
4.	That the quantity of effluent generation and disposal along with mode of disposal for the Treated effluent. a. Domestic 241 KLD	Being Complied – Zero Discharge
5.	That the sources of air emissions along with pollution control measures and the Emission standards for the prescribed parameters shall be: DG Set (2 x 125 kVA) – Safe Stack Height As per ER IV	Complied – DG sets as per norms stipulated have procured and installed.
6.	That the domestic sewage shall be treated before disposal so as to conform to the Standards prescribed by the Board as notified under the Environment (protection) Act-1986 for disposal on Land for irrigation. The main parameters for regular monitoring.	Complied – Treated Domestic Sewage is being used for green belt development in Township.
7.	That all the conditions imposed vide letter no. F-CPM/Barmer (Barmer)/3(1)2012-2013/ 4068-4071 dated 18.05.12 shall be complied.	Being Complied.

8.	That the unit shall not be allowed to make any obstacles to any natural water flow i.e. natural nallah / stream carrying rain water to any water body.	Complied – Township has established in Town planning area of Nagar Parishad Barmer.
9.	That suitable measure for rain water harvesting for artificial recharge of ground Water shall be taken.	Complied – Rain harvesting system developed along with Ground Water Recharge Well.
10.	That suitable flow measuring devices/meters on the intake source of water, inlet and Outlet of Sewage Treatment Plant shall be installed and maintained. Daily record of effluent generation, its treatment and utilisation shall be maintained.	Complied – Domestic water supplied by PHED department of Government and metered. STP Treated water being metered Water received from PHED Enclosed
11.	That the entire treated sewage shall be utilised within the premises for flushing horticulture / plantation etc.	Complied – Greenbelt area as per plan submitted is being develop.
12.	That sludge generated shall be handled / disposed / utilized in an environmentally safe manner.	Complied – being used as manure in Township plantation area
13.	That the unit shall submit the performance evaluation report of the sewage treatment plant within a period of three months to the State Board.	Being Complied. – Report enclosed for your reference.
14.	That, notwithstanding anything provided hereinabove, the state board shall have power and reserves the right, as contained under section 27(2) of the water Act and under section 21(6) of the Air Act to review anyone or all the conditions imposed here in above and to make such variation as it deemed fit for the purpose of air act & water act	Being Complied
15.	That the grant of this consent to operate is issued from the environmental angle only, and does not above absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/unit/project proponent.	Being Complied

16.	That the grant of the this consent to operate shall not, in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be instituted against you by the state board for violation of the provision of the act or rules made thereunder	Being Complied
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Water Bill from PHED

Annexure _ I

जन स्वास्थ्य अभियान्त्रिकी विभाग राजस्थान
प्राप्ति-पार्श्व (उपभोक्ता)

पानी बचाओ बेजली बचाओ, सबको पढ़ाओ

उपभोक्ता का नाम व पता	कॉड नं.	बिल का पार्श्व	वितरण तिथि	भुगतान तिथि (चैक)	भुगतान तिथि (नकद)
राजवेस्ट प्रा. लि. राजवेस्ट पौल्डर के पास विष्णु कोलोनी बाड़मेर E-Mitra Code 04011-01-- 00253	B/19840	00253	003001053	6.00	ND
मीटर नं.	गत पठन	वर्तमान पठन	वितरण तिथि	भुगतान तिथि (चैक)	भुगतान तिथि (नकद)
14350		40376000	38705000	07/12/20	28/12/2020
कुल उपभोग (लीटर में)	पानी उपभोग का दर (लीटर में)	कुल उपभोग (लीटर में)	मीटर का	भुगतान तिथि (चैक)	भुगतान तिथि (नकद)
1671000		1671000	2	75900	
भुगतान तिथि (चैक)	भुगतान तिथि (नकद)	भुगतान तिथि (चैक)	भुगतान तिथि (नकद)	भुगतान तिथि (चैक)	भुगतान तिथि (नकद)
75900		1540	26565.00	580.00	0
			0.00	277.20	105162
					10516
					115678

उपभोक्ता बिलों का भुगतान ई-बिल पर कर सकते हैं।

(जयराम दास)
सहायक अभियन्ता
जन. स्वा. अभि. विभाग

जन स्वास्थ्य अभियान्त्रिकी विभाग राजस्थान
प्राप्ति-पार्श्व (उपभोक्ता)

सोदा क्रमांक	खाता संख्या	कॉड नं.	बिल का पार्श्व	वितरण तिथि	भुगतान तिथि (चैक)	भुगतान तिथि (नकद)
19840	00253		0005942	5/2/21	24/3/21	26/3/21
उपभोक्ता का नाम व पता	मीटर नं.	गत पठन	वर्तमान पठन	उपभोग (लीटर में)	उपभोग का भुगतान	
राजवेस्ट प्रा. लि. राजवेस्ट पौल्डर के पास विष्णु कोलोनी						
कुल उपभोग	नियत तिथि तक जल राशि	नियत तिथि के बाद जल राशि	नियत तिथि तक सीवरेंज राशि	नियत तिथि के बाद सीवरेंज राशि		
6635600	160567					
मीटर नं.	IDC/LT	मीटर साईज	जल संबंध प्रकार	स्पाई सेवा शुल्क	मीटर मासिक	मीटर किराया
		6.00	ND	880	1540	0
समायोजित राशि	नियत तिथि के बाद भुगतान राशि	कुल भुट	नियत तिथि तक भुगतान राशि			
	241409	21946	219463			

मुख्य भुगतान पीछे देखें।

(जयराम दास)
सहायक अभियन्ता
जन. स्वा. अभि. विभाग

जन स्वास्थ्य अभियान्त्रिकी विभाग राजस्थान
प्राप्ति-पार्श्व (उपभोक्ता)

सोदा क्रमांक	खाता संख्या	कॉड नं.	बिल का पार्श्व	वितरण तिथि	भुगतान तिथि (चैक)	भुगतान तिथि (नकद)
19840	00253		406 PMR21	16/03/21	24/03/21	26/3/21
उपभोक्ता का नाम व पता	मीटर नं.	गत पठन	वर्तमान पठन	उपभोग (लीटर में)	उपभोग का भुगतान	
राजवेस्ट प्रा. लि. राजवेस्ट पौल्डर के पास विष्णु कोलोनी						
कुल उपभोग	नियत तिथि तक जल राशि	नियत तिथि के बाद जल राशि	नियत तिथि तक सीवरेंज राशि	नियत तिथि के बाद सीवरेंज राशि		
6635600	160567					
मीटर नं.	IDC/LT	मीटर साईज	जल संबंध प्रकार	स्पाई सेवा शुल्क	मीटर मासिक	मीटर किराया
		6.00	ND	880	1540	0
समायोजित राशि	नियत तिथि के बाद भुगतान राशि	कुल भुट	नियत तिथि तक भुगतान राशि			
	241409	21946	219463			

मुख्य भुगतान पीछे देखें।

(जयराम दास)
सहायक अभियन्ता
जन. स्वा. अभि. विभाग

Annexure _ II



ARIHANT ANALYTICAL LABORATORY PVT. LTD.

AN ISO 9001:2015, ISO 14001:2004, OHSAS 18001:2007 CERTIFIED LABORATORY
 272, Phase-IV, Sec-57, HSIDC, Kundli, Sonapat-131028 (Haryana)
 Ph. : 7082301442, 9250014551 Email : aalkundli@gmail.com
 Website : www.aalkundli.com

Page 1 of 1

Issued To: M/s Environze Global Limited
 110, Laxmi Deep Tower,
 District Centre Laxmi Nagar,
 Delhi – 110 092

Sample Description: One Sample described as STP Outlet Water,
 was received.

Sample ID: JSW Township

Report No. AAL WQT-20201014003

Date of Receiving: 14/10/2020
Date of Starting: 14/10/2020
Date of Completion: 19/10/2020
Date of Reporting: 19/10/2020
Sample Quantity: 1 Litre
Sample Packing Condition: Plastic Bottle
Sample Submitted By: Customer

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water	On land for Irrigation	
1	pH Value	-	7.43	5.5 - 9.0	5.5 - 9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	19.4	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	15.0	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	77.0	250 Max.	-	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	8.7	-	-	IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	1.3	50 Max.	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	34	<100	-	IS 1622-1981

****End of Report****


Vinay Dixit
 (Microbiologist)


Ashutosh Srivastava
 (SR. ANALYST)
 Authorised Signatory

Note: 1. The Result indicated above refer to the tested sample and listed test parameters only, endorsement of products is neither inferred nor implied.
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TEST CERTIFICATE

Page 1 of 1

Issued To:	M/s Environze Global Limited 110, Laxmi Deep Tower, District Centre Laxmi Nagar, Delhi – 110 092	Report No.	AAL WQT-20201117003
Sample Description:	One Sample described as STP Outlet Water, was received.	Date of Receiving:	17/11/2020
Sample ID:	JSW Township	Date of Starting:	17/11/2020
		Date of Completion:	23/11/2020
		Date of Reporting:	23/11/2020
		Sample Quantity:	1 Litre
		Sample Packing Condition:	Plastic Bottle
		Sample Submitted By:	Customer

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water	On land for Irrigation	
1	pH Value		7.64	5.5 - 9.0	5.5 - 9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	22.5	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	17.5	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	89.6	250 Max.	-	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	11.3	-	-	IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	2.4	50 Max.	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	40	<100	-	IS 1622-1981

End of Report




Vinay Dixit
(Microbiologist)



Ashutosh Srivastava
(SR. ANALYST)
Authorised Signatory

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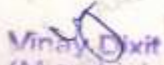
TEST CERTIFICATE
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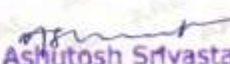
Issued To:	M/s Environze Global Limited 110, Laxmi Deep Tower, District Centre Laxmi Nagar, Delhi - 110 092	Report No.	AAL WQT-20201216006
Sample Description:	One Sample described as STP Outlet Water , was received.	Date of Receiving:	16/12/2020
Sample ID:	JSW Township	Date of Starting:	16/12/2020
		Date of Completion:	21/12/2020
		Date of Reporting:	21/12/2020
		Sample Quantity:	1 Litre
		Sample Packing Condition:	Plastic Bottle
		Sample Submitted By:	Customer

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water	On land for Irrigation	
1	pH Value		8.12	5.5 - 9.0	5.5 - 9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	17.6	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	14.5	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	68.4	250 Max.	-	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	9.2	-	-	IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	1.7	50 Max.	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	34	<100		IS 1622-1981


End of Report


Vinay Dixit
 (Microbiologist)


Ashutosh Srivastava
 (SR. ANALYST)
 Authorised Signatory

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TEST CERTIFICATE
Page 1 of 1

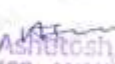
Issued To:	M/s Environze Global Limited 110, Laxmi Deep Tower, District Centre Laxmi Nagar, Delhi - 110 092	Report No.	AAL WQT-20210118005
Sample Description:	One Sample described as STP Outlet Water, was received.	Date of Receiving:	18/01/2021
Sample ID:	JSW Township	Date of Starting:	18/01/2021
		Date of Completion:	23/01/2021
		Date of Reporting:	23/01/2021
		Sample Quantity:	1 Litre
		Sample Packing Condition:	Plastic Bottle
		Sample Submitted By:	Customer

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water	On land for Irrigation	
1	pH Value	-	7.53	5.5 - 9.0	5.5 - 9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	18.6	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	17.5	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	89.4	250 Max.	-	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	10.4	-	-	IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	2.4	50 Max.	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	30	<100		IS 1622-1981

End of Report


Vinay Dixit
 (Microbiologist)


Ashutosh Srivastava
 (SR. ANALYST)
 Authorised Signatory

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TEST CERTIFICATE

Page 1 of 1

Issued To:	M/s Environze Global Limited 110, Laxmi Deep Tower, District Centre Laxmi Nagar, Delhi – 110 092	Report No.	AAL WQT-20210212010
Sample Description:	One Sample described as STP Outlet Water, was received.	Date of Receiving:	12/02/2021
Sample ID:	JSW Township	Date of Starting:	12/02/2021
		Date of Completion:	17/02/2021
		Date of Reporting:	17/02/2021
		Sample Quantity:	1 Litre
		Sample Packing Condition:	Plastic Bottle
		Sample Submitted By:	Customer

TEST RESULT						
S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water	On land for Irrigation	
1	pH Value	-	7.73	5.5 - 9.0	5.5 - 9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	18.3	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	19.0	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	107.0	250 Max.	-	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	13.4	-	-	IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	4.4	50 Max.	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	40	<100		IS 1622-1981
End of Report						

Vinay Dixit
(Microbiologist)

Ashutosh Srivastava
(SR. ANALYST)
Authorized Signatory

Note: 1. The Result Indicated above refer to the tested sample and listed test parameters only, endorsement of products is neither inferred nor implied.
 2. Total liability of our laboratory is limited to the invoice amount.
 3. This report shall not be reproduced wholly or in part without written consent of the laboratory.
 4. This report shall not be used in any advertising media or as evidence in the court of law without prior written consent of the laboratory.
 5. The non-perishable sample received shall be destroyed after one month and perishable sample shall be destroyed after one week from the date of issue of report unless specified.

Annexure _ II



ARIHANT ANALYTICAL LABORATORY PVT. LTD.
 AN ISO 9001:2015, ISO 14001:2004, OHSAS 18001:2007 CERTIFIED LABORATORY
 272, Phase-IV, Sec-57, HSIDC, Kundli, Sonapat-131028 (Haryana)
 Ph. : 7082301442, 9250014551 Email : aalkundli@gmail.com
 Website : www.aalkundli.com

TEST CERTIFICATE


Page 1 of 1

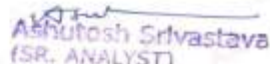
Issued To:	M/s Environze Global Limited 110, Laxmi Deep Tower, District Centre Laxmi Nagar, Delhi – 110 092	Report No.	AAL WQT-20210315003
Sample Description:	One Sample described as STP Outlet Water, was received.	Date of Receiving:	15/03/2021
Sample ID:	JSW Township	Date of Starting:	15/03/2021
		Date of Completion:	20/03/2021
		Date of Reporting:	20/03/2021
		Sample Quantity:	1 Litre
		Sample Packing Condition:	Plastic Bottle
		Sample Submitted By:	Customer

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water	On land for Irrigation	
1	pH Value	-	7.64	5.5 - 9.0	5.5 - 9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	21.5	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	15.0	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	79.5	250 Max.	-	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	9.6	-	-	IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	1.7	50 Max.	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	34	<100		IS 1622-1981

End of Report


Viney Dixit
 (Microbiologist)


Ashutosh Srivastava
 (SR. ANALYST)
 Authorised Signatory

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o/c



JSW Energy (Barmer) Limited
Village & Post : Bhadresh, Post Box No. 30,
Distt : Barmer - 344001 (Rajasthan)
CIN : U31102MH1996PLC185098
Phone : +91 2982 229100
Fax : +91 2982 229222
Website : www.jsw.in

Ref: JSWE(B)/ENV/2020-21/022

Date: 10.12.2020

To,

The Member Secretary
Rajasthan State Pollution Control Board,
4-Institutional Area, Jhalana Doongari,
Jaipur - 302004

Sub: Compliance Report - Consent to Operate Environmental Clearance of JSWBL Township at
City Barmer.

Ref: Consent to Operate

1. Compliance to CTO RWPL Township File No. **F(HDF)/Barmer(Barmer)/9(1)/2016-2017/9836-9838** Order No. **2016-2017/HDF/2515**, Dt: 23/01/2017

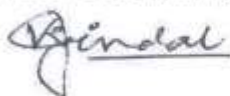
Dear Sir,

With reference to Consent to Operate issued for JSW Energy(Barmer) Limited- Township in City Barmer, Rajasthan, we herewith submit half-yearly compliance report, for the period pertaining to **APRIL- 2020 to SEPTEMBER -2020**, for the conditions stipulated in the Consent to operate issued.

We have taken up the Operation activity at the Township Plant as per the conditions stipulated in this Consent to Operate.

Thanking you.

For JSW Energy(Barmer) Limited.



Vinod Kumar Jindal
AGM- Operation, Environment & Chemistry



Enclosure:

1. Compliance Report
2. Water Bill from PHED - **Annexure _I**
3. STP Treated Water Quality- **Annexure _II**

C.C. The Regional Officer - RSPCB, Balotra



Part of O.P.Jindal Group

Regd. Office : Raj WestPower Ltd., JSW Center, BKC Complex, Bandra (E), Mumbai - 400051
Jaipur Office: Office No. 2 & 3, 7th Floor, Man Upasana Plaza, C-44, Sardar Patel Marg, C-Scheme, Jaipur - 302 001 Ph : 0141 2369772 Fax 0141 2369774