

# TRN Energy Private Limited

Registered Office : 18 Vasant Enclave, Rao Tula Ram Marg  
New Delhi – 110057

Corporate Office : 7<sup>th</sup> Floor, Office Tower, Ambience Mall  
NH – 8, Gurgaon – 122002 (Haryana)  
Ph: 0124–2719000; Fax: 0124–2719185

E-Mail: : [trnenergy@acbindia.com](mailto:trnenergy@acbindia.com)&[info@trnenergy.com](mailto:info@trnenergy.com)

Ref: TRNEPL/CEA-Report/2016-17/01

April 26, 2017

To,  
Chief Engineer  
Thermal Civil Division  
Central Electricity Authority  
9<sup>th</sup> Floor, North Wing, Sewa Bhawan  
R.K. Puram, New Delhi - 110066  
Email-tcdcea@nic.in

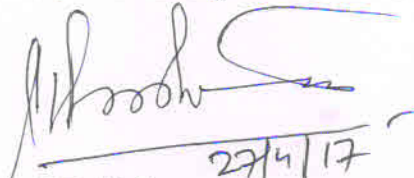
**Subject:** - Fly Ash Generation & Utilization report for the period of April 1, 2016 to March 31, 2017

Dear Sir,

Please find enclosed herewith the fly ash generation and utilization report of TRN Energy Private Limited, Tehsil - Gharghoda, District - Raigarh, Chhattisgarh for the period of April 1, 2016 to March 31, 2017 in the format as recommended.

This is for your kind information and record please.

Thanking you  
For TRN Energy Private Limited

  
27/4/17  
C.P. Malik  
Vice President



**Encl:** Fly Ash Generation and Utilization report in Format I, Format II and Format III

MINISTRY OF POWER  
CENTRAL ELECTRICITY AUTHORITY  
THERMAL CIVIL DESIGN DIVISION

General Information on Power Stations, Coal Mines and Quality of Coal

Name of Power Utility: Coal Based Thermal Power Plant

Name of Thermal Power Plant: TRN Energy Private Limited

PERIOD OF REPORT- 1st April, 2016 to 31st March, 2017

(A) Thermal Power Station								(B) Detail of Nodal Officer				(C) COAL				
Sl.No.	Name of Thermal Power Station	District	State	Environmental Zone	Unit No.	Installed Capacity (MW)	Date of Commissioning	Name	Designation	Contact No. (Land Line and Mobile)	Email	Name of Mine & Its Location	Distance of Mine from TPS (KM)	Quantity of coal received (MT)	Average Calorific Value of coal (Kcal)	Average Ash Content of coal (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	TRN Energy Private Limited	Raigarh	Chhattisgarh	West-Central Zone	1	300	13.08.2016	SANJAY SINGH	ASST. MANAGER	7577009935	hse.trnenergy@gmail.com	HIMGIRI Washery - Odisha	115	14903.16	3000.00	42.00
												SCPL Washery - Korba , C.G.	120	194342.98	3199.82	44.22
												SECL KUSMUNDA - Korba , C.G.	143	119806.9	4104.89	40.49
												SECL BAROUD - Korba , C.G.	30	16184.22	2685.62	46.83
												SECL GARE PELMA - Korba , C.G.	48	128246.71	2931.82	52.10
												Chakabura Washery - Korba , C.G.	140	10010.21	4299.69	38.40
												SECL Gevra - Korba , C.G.	131	31130.44	4086.44	41.03
												SECL CHHAL - Korba , C.G.	22	19897.83	3646.24	45.21

Abbreviations:-  
MW- Mega Watt  
TPS- Thermal Power Station  
KM- Kilometre  
MT- Metric Tonne  
Kcal- Kilocalories

MINISTRY OF POWER  
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**Ash Disposal Facilities Available at Thermal Power Station, Mode of Disposal (Dry & Wet) and Ash Stock Available(Fly Ash, Bottom Ash & Pond Ash)**

Name of Power Utility:Coal Based Thermal Power Plant

Name of Thermal Power Plant:TRN Energy Private Limited

PERIOD OF REPORT- 1st April,2016 to 31st March,2017

Sl.No.	Name of Thermal Power Station	Existing facilities for Ash disposal		Location & Distance of Ash Disposal Area from TPS	Area acquired for Ash Disposal	Design Life of Disposal Area	Additional Area if any proposed	Ash Disposal		Ash Stock Available as on 31.03.2017		
		Dry	Wet					Dry Ash	Wet Ash	Fly Ash	Bottom Ash	Pond Ash
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	TRN Energy Private Limited	Ash Silo	HCSD	0.4 Km Neighbouring to Plant Boundary	18.18	2 Years	42.42	0.00	107482.00	0.00	0.00	107482.00

Abbreviations:-

MW-Mega Watt

TPS- Thermal Power Station

KM- Kilometre

MT- Metric Tonne

Ha- Hectare

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**Monthly Abstract of Ash Generation and Utilization**

(For the Period from 1st April, 2016 to March, 2017)

Name of Power Utility: Coal Based Thermal Power Plant

Name of Thermal Power Plant: TRN Energy Private Limited, Raigarh - Chhattisgarh

Installed Capacity (Total): 2x300 MW

PERIOD OF REPORT- 1st April, 2016 to 31st March, 2017

Sl. No.	ASH GENERATION AND UTILIZATION						MODE OF ASH UTILIZATION AND UTILIZATION IN EACH MODE									
	Month	Coal consumed (MT)	Ash content of coal (%)	Fly Ash Generation (MT)	Fly Ash Utilization (MT)	% age Utilization	In making of Fly Ash based/ Bricks/ Tiles etc.	In manufacture of Portland Pozzolana Cement	In construction of Highways & Roads including Flyovers	Part replacement of cement in concrete	In Hydro Power Sector in RCC Dam Construction	In Ash dyke raising	In reclamation of low lying Area (MT)	In Mine filling	In Agriculture/ Waste land Development	Others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	APRIL	<b>NOT IN OPERATION</b>														
2	MAY															
3	JUNE															
4	JULY	1955.78	47.63	931.58	582	62	0	0	0	0	0	0	582	0	0	0
5	AUGUST	45588.80	42.62	19431.16	11735	60	0	0	0	0	0	0	11735	0	0	0
6	SEPTEMBER	24072.41	38.82	9343.89	4925	53	0	0	0	0	0	0	4925	0	0	0
7	OCTOBER	100794.00	39.28	39596.06	19948	50	0	0	0	0	0	0	19948	0	0	0
8	NOVEMBER	23956.00	39.83	9541.76	5740	60	0	0	0	0	0	0	5740	0	0	0
9	DECEMBER	72853.00	37.70	27463.32	16943	62	0	0	0	0	0	0	16943	0	0	0
10	JANUARY	113359.00	42.33	47989.14	19851	41	0	0	0	0	0	0	19851	0	0	0
11	FEBRUARY	70212.20	45.12	31681.81	16846	53	0	0	0	0	0	0	16846	0	0	0
12	MARCH	73613.97	47.60	35041.28	16968	48	0	0	0	0	0	0	16968	0	0	0
	<b>TOTAL</b>	<b>526405.16</b>		<b>221020.00</b>	<b>113538</b>	<b>51.37</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>113538</b>	<b>0</b>	<b>0</b>	<b>0</b>

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