

Thermal Power Station, Khaparkheda

[Capacity : 4x210MW + 1x500MW = 1340MW]

Details of ash utilization during the Month of Feb. - 2019

Sl. No.	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal area	Pond Ash Availability in MT (up to 31.01.2019)	Ash Generated in MT during the Feb. 2019		Ash Utilized in MT during Feb. 2019			Pond Ash Availability in MT (up to 28.02.2019)
					ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Waregaon Ash Bund	282.50	Dec. 2019	24473654.80	167254	71680.41	38717.51	0	16312	24657559.97
2										

ASH UTILIZATION DETAILS

Sl. No.	Area of Utilization	For the Month (Feb. 2019) Ash utilized in MT			Cumulative for Year (FY 18-19) Ash Utilized in MT (upto 28.02.2019)		
		Dry ESP Fly Ash	Bottom Ash	Pond Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash
1	Bricks/Blocks/Tiles industries						
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)	0					
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)			16312			94677
	Fly Ash issued for Brick/Block/Tiles in Own Plant						
	a) Dry ESP Fly Ash issued	38717.51			237338.35	---	---
	b) Pond ash issued				---	---	---
	Sub-Total	38717.51			237338.35		
	Total Fly Ash Issued to Bricks/Block/Tile industries (1A+1B+1C)	38717.51		16312	237338.35		94677
2	Cement Industries	Nil	Nil	Nil	Nil	Nil	Nil
	Dry ESP Fly Ash Issued to Cement Industries						
	a) Cement						
	b) RMC						
	c) Asbestos						
	Sub-Total						
2B	Pond Ash Issued to Cement Industries	Nil	Nil	Nil	Nil	Nil	Nil
	Total Fly Ash Issued to Cement Industries (2A+2B)						
3	Roads, Fly over /Rail Embankment	Nil	Nil	Nil	Nil	Nil	Nil
	Dry ESP Fly Ash Issued for Road construction (Outside)						
3A							
3B	Pond Ash Issued for Road construction (Outside)						
	Total Fly Ash Issued for Road Construction (3A+3B)						
4	Total Fly Ash Issued for Part replacement of cement in concrete	Nil	Nil	Nil	Nil	Nil	Nil
5	Total Fly ash supplied to Hydro power sector	Nil	Nil	Nil	Nil	Nil	Nil
6	Total Fly ash used for Ash Dyke raising	Nil	Nil	0	Nil	Nil	5000
	Landfill/Reclamation of low lying area	Nil	Nil	Nil	Nil	Nil	Nil
	a) Power Utility Own Land						
	b) Outside Land						
	Total Fly Ash used for Landfill/Reclamation of low lying area						
	Mine filling	Nil	Nil	Nil	Nil	Nil	Nil
	a) Open cast mine						
	b) U.G.Mine						
	Total Fly Ash used for Mine filling						
9	Agriculture / waste land development	Nil	Nil	Nil	Nil	Nil	Nil
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development						
9B	Pond Ash Issued for Agriculture / waste land development						
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)						
10	Others	Nil	Nil	Nil	Nil	Nil	Nil
	a) CLSM						
	b) Cenospheres						
	c) Bottom ash cover						
	d) Any other						
	Total Fly Ash Issued for other purpose						
	Grand Total	38717.51		16312	237338.35		99677

337015.35

Bottom ash -collected from the bottom of furnace
 Dry ESP Fly Ash - Collected from ESP and stored in Silo
 Pond Ash - Fly ash and bottom ash Stored in Pond
 CLSM - Controlled Low strength Material

Details of ash utilization during the Month of March - 2019

Sl. No.	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal area	Pond Ash Availability in MT (up to 28.02.2019)	Ash Generated in MT during the March 2019		Ash Utilized in MT during March 2019			Pond Ash Availability in MT (up to 31.03.2019)
					ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Waregaon Ash Bund	282.50	Dec. 2019	24657559.97	185865	79656.46	30452.62	0	16290	24876338.89
2										

ASH UTILIZATION DETAILS

Sl. No.	Area of Utilization	For the Month (March 2019) Ash utilized in MT			Cumulative for Year (FY 18-19) Ash Utilized in MT (upto 31.03.2019)		
		Dry ESP Fly Ash	Bottom Ash	Pond Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash
1	Bricks/Blocks/Tiles industries						
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)	0					
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)			16290			110967
1C	Fly Ash issued for Brick/Block/Tiles in Own Plant						
	a) Dry ESP Fly Ash issued	30452.62			267790.97	---	---
	b) Pond ash issued				---	---	---
	Sub-Total	30452.62			267790.97		
	Total Fly Ash Issued to Bricks/Block/Tile industries (1A+1B+1C)	30452.62		16290	267790.97		110967
2	Cement Industries	Nil	Nil	Nil	Nil	Nil	Nil
2A	Dry ESP Fly Ash Issued to Cement Industries						
	a) Cement						
	b) RMC						
	c) Asbestos						
	Sub-Total						
2B	Pond Ash Issued to Cement Industries	Nil	Nil	Nil	Nil	Nil	Nil
	Total Fly Ash Issued to Cement Industries (2A+2B)						
3	Roads, Fly over /Rail Embankment	Nil	Nil	Nil	Nil	Nil	Nil
3A	Dry ESP Fly Ash Issued for Road construction (Outside)						
3B	Pond Ash Issued for Road construction (Outside)						
	Total Fly Ash Issued for Road Construction (3A+3B)						
4	Total Fly Ash Issued for Part replacement or cement in concrete	Nil	Nil	Nil	Nil	Nil	Nil
5	Total Fly ash supplied to Hydro power sector	Nil	Nil	Nil	Nil	Nil	Nil
6	Total Fly ash used for Ash Dyke raising	Nil	Nil	0	Nil	Nil	5000
7	Landfill/Reclamation of low lying area	Nil	Nil	Nil	Nil	Nil	Nil
	a) Power Utility Own Land						
	b) Outside Land						
	Total Fly Ash used for Landfill/Reclamation of low lying area						
8	Mine filling	Nil	Nil	Nil	Nil	Nil	Nil
	a) Open cast mine						
	b) U.G.Mine						
	Total Fly Ash used for Mine filling						
9	Agriculture / waste land development	Nil	Nil	Nil	Nil	Nil	Nil
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development						
9B	Pond Ash Issued for Agriculture / waste land development						
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)						
10	Others	Nil	Nil	Nil	Nil	Nil	Nil
	a) CLSM						
	b) Cenospheres						
	c) Bottom ash cover						
	d) Any other						
	Total Fly Ash Issued for other purpose						
	Grand Total	30452.62		16290	267790.97		115967

383757.97

Bottom ash -collected from the bottom of furnace
 Dry ESP Fly Ash - Collected from ESP and stored in Silo
 Pond Ash - Fly ash and bottom ashStored in Pond
 CLSM - Controlled Low strength Material

Details of ash utilization during the Month of April - 2019

Sl. No.	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal area	Pond Ash Availability in MT (up to 31.03.2019)	Ash Generated in MT during the April - 2019		Ash Utilized in MT during April 2019			Pond Ash Availability in MT (up to 30.04.2019)
					ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Waregaon Ash Bund	282.50	Dec. 2019	24876338.89	164512	70505.19	29228.31	0	17285	25064842.87
2										

ASH UTILIZATION DETAILS

Sl. No.	Area of Utilization	For the Month (April - 2019) Ash utilized in MT			Cumulative for Year (FY 19-20) Ash Utilized in MT (upto 30.04.2019)		
		Dry ESP Fly Ash	Bottom Ash	Pond Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash
1	Bricks/Blocks/Tiles industries						
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)	0					
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)			17285			17285
	Fly Ash Issued for Brick/Block/Tiles in Own Plant						
1C	a) Dry ESP Fly Ash issued	29228.31			29228.31	---	---
	b) Pond ash issued				---	---	---
	Sub-Total	29228.31			29228.31		
	Total Fly Ash Issued to Bricks/Block/Tile industries (1A+1B+1C)	29228.31		17285	29228.31		17285
2	Cement Industries	Nil	Nil	Nil	Nil	Nil	Nil
	Dry ESP Fly Ash Issued to Cement Industries						
2A	a) Cement						
	b) RMC						
	c) Asbestos						
	Sub-Total						
2B	Pond Ash Issued to Cement Industries	Nil	Nil	Nil	Nil	Nil	Nil
	Total Fly Ash Issued to Cement Industries (2A+2B)						
3	Roads, Fly over /Rail Embankment	Nil	Nil	Nil	Nil	Nil	Nil
3A	Dry ESP Fly Ash Issued for Road construction (Outside)						
3B	Pond Ash Issued for Road construction (Outside)						
	Total Fly Ash Issued for Road Construction (3A+3B)						
4	Total Fly Ash Issued for Part replacement of cement in concrete	Nil	Nil	Nil	Nil	Nil	Nil
5	Total Fly ash supplied to Hydro power sector	Nil	Nil	Nil	Nil	Nil	Nil
6	Total Fly ash used for Ash Dyke raising	Nil	Nil	0	Nil	Nil	0
	Landfill/Reclamation of low lying area	Nil	Nil	Nil	Nil	Nil	Nil
7	a) Power Utility Own Land						
	b) Outside Land						
	Total Fly Ash used for Landfill/Reclamation of low lying area						
8	Mine filling	Nil	Nil	Nil	Nil	Nil	Nil
	a) Open cast mine						
	b) U.G.Mine						
	Total Fly Ash used for Mine filling						
9	Agriculture / waste land development	Nil	Nil	Nil	Nil	Nil	Nil
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development						
9B	Pond Ash Issued for Agriculture / waste land development						
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)						
10	Others	Nil	Nil	Nil	Nil	Nil	Nil
	a) CLSM						
	b) Cenospheres						
	c) Bottom ash cover						
	d) Any other						
	Total Fly Ash Issued for other purpose						
	Grand Total	29228.31		17285	29228.31		17285

46513.31

Bottom ash -collected from the bottom of furnace

Dry ESP Fly Ash - Collected from ESP and stored in Silo
Pond Ash - Fly ash and bottom ashStored in Pond
CLSM - Controlled Low strength Material

Details of ash utilization during the Month of <u>May - 2019</u>										
Sl. No.	Name of Ash Disposal Area	Ash disposal area in (3)	Design Date of Ash disposal (4)	Pond Ash Availability in MT (up to (5)	Ash Generated in MT		Ash Utilized in MT during			Pond Ash Availability in MT (up to 31.05.2019) (11)
(1)	(2)	(3)	(4)	(5)	ESP Fly Ash (6)	Bottom Ash (7)	Dry ESP Fly Ash (8)	Bottom Ash (9)	Pond Ash (10)	(11)
1	Waregaon Ash Bund	282.50	Dec. 2019	25064842.87	171313	73419.95	29377	0	15345	25264854.05
2										
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month (May - 2019) Ash utilized in MT			Cumulative for Year (FY 19-20) Ash Utilized in MT (upto 31.05.2019)					
		Dry ESP Fly Ash	Bottom Ash	Pond Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash			
1	Bricks/Blocks/Tiles industries									
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)	0								
1B	Pond Ash issued to Bricks/Blocks/Tiles industries (Outside)				15345					32630
	Fly Ash issued for Brick/Block/Tiles in Own Plant									
1C	a) Dry ESP Fly Ash issued	29377					58605.31	---	---	---
	b) Pond ash issued						---	---	---	---
	Sub-Total	29377					58605.31			
	Total Fly Ash issued to Bricks/Block/Tile industries (1A+1B+1C)	29377				15345	58605.31			32630
2	Cement Industries	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Dry ESP Fly Ash Issued to Cement Industries									
2A	a) Cement									
	b) RMC									
	c) Asbestos									
	Sub-Total									
2B	Pond Ash Issued to Cement Industries	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Total Fly Ash issued to Cement Industries (2A+2B)									
3	Roads, Fly over /Rail Embankment	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
3A	Dry ESP Fly Ash issued for Road construction (Outside)									
3B	Pond Ash Issued for Road construction (Outside)									
	Total Fly Ash Issued for Road Construction (3A+3B)									
4	Total Fly Ash issued for Part replacement of cement in concrete	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
5	Total Fly ash supplied to Hydro power sector	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
6	Total Fly ash used for Ash Dyke raising	Nil	Nil	0	Nil	Nil	Nil	Nil	0	0
	Landfill/Reclamation of low lying area	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
7	a) Power Utility Own Land									
	b)Outside Land									
	Total Fly Ash used for Landfill/Reclamation of low lying area									
8	Mine filling	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	a) Open cast mine									
	b) U.G.Mine									
	Total Fly Ash used for Mine filling									
9	Agriculture / waste land development	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development									
9B	Pond Ash Issued for Agriculture / waste land development									
	Total Fly Ash issued to Agriculture/ waste land development (9A+9B)									
10	Others	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	a) CLSM									
	b) Cenospheres									
	c) Bottom ash cover									
	d) Any other									
	Total Fly Ash issued for other purpose									
	Grand Total	29377				15345	58605.31			32630

91235.31

Bottom ash -collected from the bottom of furnace
Dry ESP Fly Ash - Collected from ESP and stored in Silo
Pond Ash - Fly ash and bottom ashStored in Pond
CLSM - Controlled Low strength Material