

Brief Summary and Basic information of the Project:

This proposal is for setting up of 4x800 MW coal based power plant at village Bujbuja and Dokariya, District Katni, Madhya Pradesh by M/s Welspun Energy Madhya Pradesh Limited (WEMPL). EC for 3 x 660 MW thermal power plant based on imported coal was granted to M/s WEMPL vide letter no J13012/98/2010/IA-II (T) dated 1st June 2012. PPA for the 3x660 MW could not be signed and construction of the project could not be started. It is now proposed to change the capacity from 3 x 660 MW to 4 x 800 MW power plant based on domestic coal.

Domestic coal requirement is estimated to be 18 MTPA. Any short-fall of the coal is proposed to be made up by imported coal. 60 MCM/Year water is already allocated from Bansagar Reservoir for 3 x 660 MW project and no additional water requirement is envisaged at this stage for the proposed capacity 4 x 800 MW power plant.

Land acquisition process is already advanced for 493.73 Ha (1220 Acres), which comprises mostly un-irrigated agricultural land 331.49 Ha (819.10 Ac). Out of total land required, 555 acres will be used for main plant and facilities; 230 acres for ash disposal; 32 acres will be used for Colony; and 403 acres will be used for green belt. The co-ordinates of the site are at Latitude 23°55'17.69"N to 23°53'59.53"N and Longitude 80°45'25.86"E to 80°45'45.26"E.

There are about 12 reserve/protected forests in the 15 km of study area, the nearest being Lumri R.F at 1.0 Km. Mahanadi River, a tributary of Son River flows at about 6.0 Km from the site. There are no National Parks, Wildlife Sanctuaries, Heritage sites, Tiger/Biosphere reserves etc. within 10 km of the site. Buffer zone of Bandavgarh Tiger Reserves is at about 10.6 Km. Cost of the project will be Rs 19,200/- Crores.

Name of Project:	4X800 MW Coal Based Thermal Power Plant of M/s Welspun Energy Madhya Pradesh Ltd (WEMPL) at Dist. Katni, Madhya Pradesh. (EC for 3 x 660 MW power project was granted by MoEF vide letter no J13012/98/2010/IA-II (T) dated 1 st June 2012. Project construction is not started. This is proposed to change the capacity from 3 x 660 MW to 4 x 800 MW). If expansion, enclose certified compliance report from the Regional Office of MoEF for the conditions stipulated in the environmental and CRZ clearances of the previous phases. Not applicable
Name of Project Proponent:	Welspun Energy Madhya Pradesh Limited (WEMPL) 3 rd Floor, PTI Building, 4 Parliament Street New Delhi -110001

Name of Consultant:	VIMTA Labs, Hyderabad																																																					
Sl.No.	Salient Features																																																					
1.	Location of TPP																																																					
	Village	Bujbuja & Dokariya																																																				
	Tehsil	Barhi																																																				
	District	Katni																																																				
	State	Madhya Pradesh																																																				
	Co-ordinates of all four corners :	<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Lat</th> <th>Long</th> </tr> </thead> <tbody> <tr><td>1</td><td>23°55'17.69"N</td><td>80°45'25.86"E</td></tr> <tr><td>2</td><td>23°55'12.28"N</td><td>80°46'12.90"E</td></tr> <tr><td>3</td><td>23°55'13.12"N</td><td>80°46'45.12"E</td></tr> <tr><td>4</td><td>23°54'36.25"N</td><td>80°46'50.04"E</td></tr> <tr><td>5</td><td>23°54'14.87"N</td><td>80°46'45.58"E</td></tr> <tr><td>6</td><td>23°54'6.50"N</td><td>80°46'43.72"E</td></tr> <tr><td>7</td><td>23°54'4.26"N</td><td>80°46'26.24"E</td></tr> <tr><td>8</td><td>23°54'7.63"N</td><td>80°45'56.64"E</td></tr> <tr><td>9</td><td>23°53'59.53"N</td><td>80°45'45.26"E</td></tr> <tr><td>10</td><td>23°54'0.99"N</td><td>80°45'21.24"E</td></tr> <tr><td>11</td><td>23°54'13.20"N</td><td>80°45'16.28"E</td></tr> <tr><td>12</td><td>23°54'24.06"N</td><td>80°45'22.83"E</td></tr> <tr><td>13</td><td>23°54'48.07"N</td><td>80°45'11.28"E</td></tr> <tr><td>14</td><td>23°54'51.25"N</td><td>80°45'25.86"E</td></tr> <tr><td>15</td><td>23°54'50.69"N</td><td>80°45'35.90"E</td></tr> <tr><td>16</td><td>23°54'57.40"N</td><td>80°45'27.81"E</td></tr> </tbody> </table>		Sr. No.	Lat	Long	1	23°55'17.69"N	80°45'25.86"E	2	23°55'12.28"N	80°46'12.90"E	3	23°55'13.12"N	80°46'45.12"E	4	23°54'36.25"N	80°46'50.04"E	5	23°54'14.87"N	80°46'45.58"E	6	23°54'6.50"N	80°46'43.72"E	7	23°54'4.26"N	80°46'26.24"E	8	23°54'7.63"N	80°45'56.64"E	9	23°53'59.53"N	80°45'45.26"E	10	23°54'0.99"N	80°45'21.24"E	11	23°54'13.20"N	80°45'16.28"E	12	23°54'24.06"N	80°45'22.83"E	13	23°54'48.07"N	80°45'11.28"E	14	23°54'51.25"N	80°45'25.86"E	15	23°54'50.69"N	80°45'35.90"E	16	23°54'57.40"N	80°45'27.81"E
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2.	Capacity & Unit Configurations:	4X800 MW (Change in Capacity from 3X660 MW to 4X800 MW).																																																				
3.	Land requirement:	1220 acres																																																				
4.	Break-Up of Land-Use of TPP site:	<ul style="list-style-type: none"> • Forests land : 7.84 Ha (19.37 Ac) • Agriculture Land: 331.49 Ha (819.10 Ac). Unirrigated agriculture land. • Waste land: 137.63 Ha (340.1 Ac) • Others (specify): 16.77 Ha (41.43 Ac) homestead land, roads, water body etc. <p>Total Land: 493.73 Ha (1220 Acres) Status of land allotment/acquisition: Land is mostly under possession.</p>																																																				
5	Area reqd. for ash	230 acres																																																				

	pond/dyke	
6	Fuel to be used:	Coal
7	Quantity of Fuel Required per Annum:	18.0 MTPA LDO & HFO/ HSD: 14,000 KL per annum
8	Source of Fuel	Coal: Domestic (Any shortfall will be made up by using Imported Coal. Coal from International market will be procured from countries like Indonesia, South Africa, Australia and other possible sources).
9	Source of Water:	Bansagar Dam
10.	Quantity of water requirement:	60 MCM
11.	Distance of source of water from Plant:	10 kms
12.	Whether intake well / jack well / others proposed:	Not envisaged at this stage.
13.	Mode of conveyance of water:	Pipeline
14.	Names & distance of National Parks, Wildlife Sanctuaries, Biosphere Reserves, Heritage sites, Mangroves, Reserve Forests, Tanks etc. within 15 Km from the plant boundary:	Lumri PF (1.7 km, SW) Jhiriya RF (3.5 km, SW) Bichpura RF (5.3 km, SE) Patharata PF (5.6 km, W) Khirhani RF (6.7 km, WSW) Hathera (9.2 km, W) Jamuniya PF (8.7 km, NE) Darauri P.F (9.3 Machmachha RF (10.4 km, SSE) Sutri RF (12.0 km, S) Barela PF (13.2 km, SSE) Ghughari RF (13.1 km, W)
16.	No. of probable Project Affected Persons	Land acquisition process is completed and no further R&R is envisaged for proposed change in configuration of the project.

Project Proponent: Welspun Energy Madhya Pradesh

Environment Consultant: Vimta Labs Limited, Hyderabad, QCI/NABET Accredited