



Humble Respect of Jhabua Power Family to the Members of the Award Committee of Mission Energy

Jhabua Power is being represented by

Ashok Singh Yadav	AVP & Head – Plant	
Anoop Srivastava	DGM & Head – Environment	
Ankit Kumar Agarwal	Manager-Civil	







Agenda of the Presentation



Details of Project Location & Brief Background of the Project

Brief of Plant Performance in FY 2021-22

Fly Ash Utilization FY 2021-22

Supply of Fly Ash to Diverse Sectors

Strategic Approach Pays Dividends

Legacy Ash Disposal: A Mutually Benefitting Success Story

Way Forward 2022-23

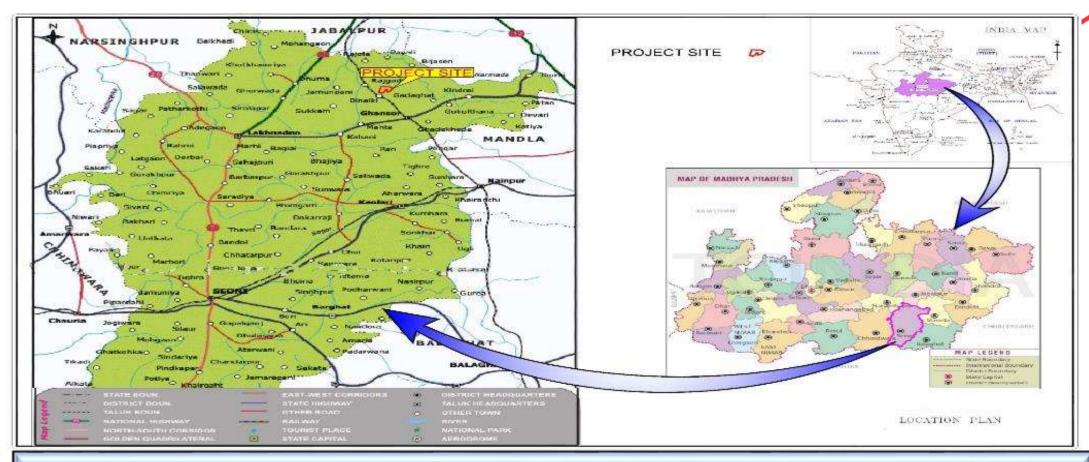






Details of Project Location





- Project located in Seoni one of the most backward and poverty stricken areas of M.P.
- Large scale economic and overall development of the area has taken place due to the huge investment as well as CSR efforts of JPL



Brief of Plant Performance for the last FY (2021-22)



PLF Comparison of Coal Based TPPs FY 2021-22				
All India	58.80%			
All India IPP	52.60%			
All India Central Sector	69.60%			
Jhabua Power	70.60%			

We are only 15 out of 10,000 LED Bulbs in terms of capacity, but ... We are 28 out of 10,000 LED Bulbs in terms of Generation!!!











- ➤ Vacuum Extraction & Pressure Transportation for ESP Ash 100% dry handling
- > High Concentration Slurry Disposal (HCSD) System Optimum water usage
- > Hydrobin for Bottom Ash Disposal System Contributes to water conservation
- > Two Silos for dry fly ash storage with total capacity 3500 MT: Sufficient for about 24 hrs. of storage at full capacity
- MoUs have been signed for dry and conditioned fly ash utilization
 Bulk Beneficiaries are mainly Cement industries



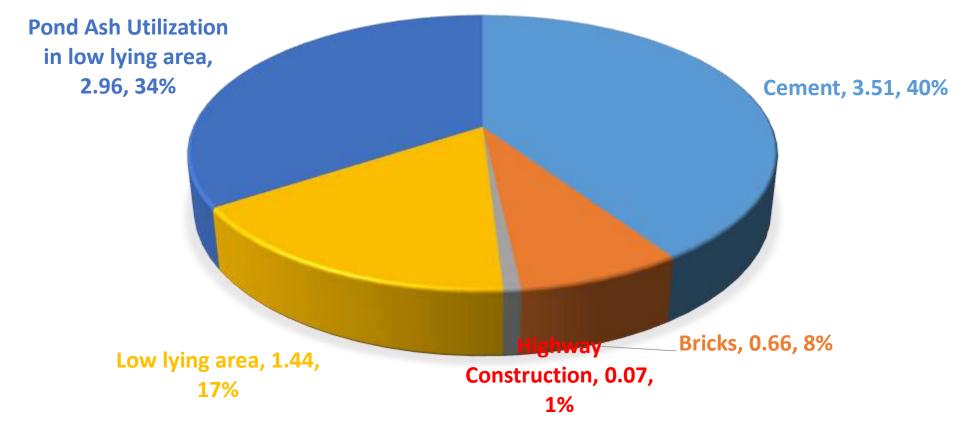




Supply of Fly Ash to Diverse Sectors



Fly Ash Utilization FY22 (Lakh MT, %)











High Level Of Ash Utilization: Even During Tough Pandemic Period

Financial Year	Total Ash (TA)			Fly Ash (FA)			Bottom Ash (BA)		
	TA Generation	TA Utilization	TA %age Utilization	FA Generation	FA Utilization	FA %age Utilization	BA Generation	BA Utilization	BA %age Utilization
2019-20	832515	692059	83	666011	525555	79	166504	166504	100
2020-21	1033385	722000	70	826709	515324	62	206676	206676	100
2021-22	1021697	865017	85	817358	720844	88	204339	144073	71



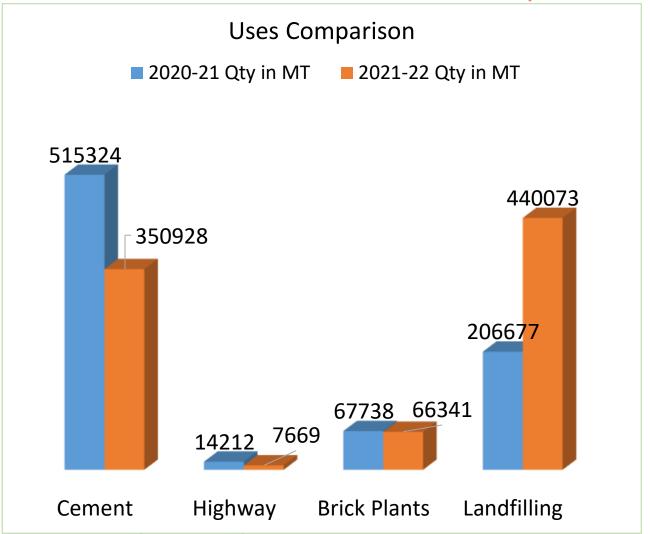




End-use wise comparison of Ash Utilisation



Mode of	2020-21	2021-22
Utilization	Qty. in MT	Qty. in MT
Cement	515324	350928
Highway	14212	7669
Brick Plants	67738	66341
Landfilling	206677	440073









Strategic Approach of JPL Has Paid Dividends



- JPL believes in "Win-Win" Approach The user should also benefit.
- Priority to ash transportation through return rail rakes Safe & Economic
- JPL proactively tests ash quality to check for suitability of its end-use
- JPL regularly seeks feedback from the ash customers on difficulties, if any, faced during usage
- Officials of JPL directly interact with near-by land-owners to convince them about the benefits of land reclamation.
- CSR officials of JPL clarify doubts of local entrepreneurs and encourage them to set-up Ash brick plant



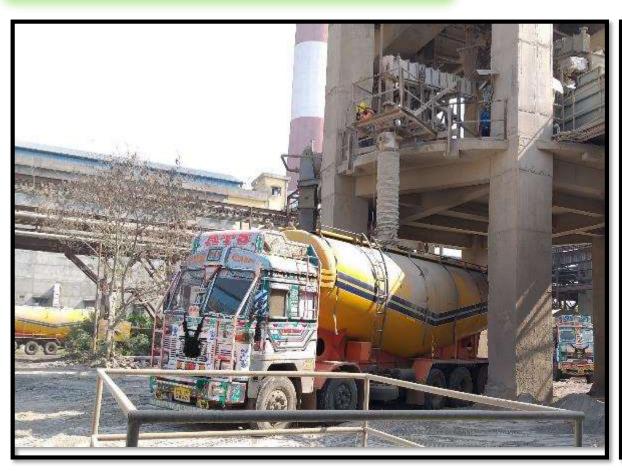




We are sensitive to the journey of Ash to end-use place



Closed bulkers are given preference











We are sensitive to the journey of Ash to end-use place



Trucks for small quantity users like Ash Bricks Plant are firmly covered with tarpaulin









We are sensitive to the journey of Ash to end-use place



Insistence on Proper sealing / covering of the complete Railway rake before dispatch clearance













Legacy Ash Disposal: A Mutually Benefitting Success Story

- Identification of land through Consultative approach
- Completion of all statutory processes Heart-felt thanks to MPPCB for expeditious approval
- Consultation with Gram Sabha / Gram Panchayat & Other Local administration for smooth execution
- Repair / Construction of access roads
- Regular maintenance and house keeping of the roads











- Disposal of approx. 5 Lakh MT of Legacy Ash within 3 months
- Evacuation of approx. 42% the Ash dyke
- Compaction to the desired level ensured after every mm of ash bed during the filling process
- Compacted top Soil layer of 300 mm







Reclamation of Low Lying Area with Legacy Ash



Land preparation- The Site before the reclamation activities started...











Regular mechanized Cleaning of the roads used by the ash carrying vehicles













Regular Sprinkling of water on the roads used by the ash carrying vehicles











Legacy Ash Leveling & Compaction











Compaction Test of Every Layer













The Reclaimed Land









Kishano ki Kahaani, Unhi Ki Jubaani...







Our ambitious Ash utilization Targets for FY 2022-23



SI.	Description	Unit	Total
1	Total Ash Generation (FA+ BA)	LMT	11.77
2	Ash Utilization	LMT	9.41
2.1	Bricks Manufacturing/ Road Construction	LMT	0.96
2.2	Cement Manufacturing	LMT	6.10
2.3	Low lying area (Bottom Ash)	LMT	2.35
3	Total Ash Utilization	LMT	9.41
3.1	% Ash Utilization	LMT	80.0%
4	Legacy Ash Disposal (Stock: 12.5 LMT)	LMT	7.31
4.1	% Legacy ash Utilization	%	58%







Our Strategy to meet the future challenges of Ash Utilization



Exploration of Users in Rajasthan & Haryana.

Quarterly Reward scheme for Fly Ash Users

Exploring new avenues for Fly Ash Utilization

Door to door Fly ash Supply by Private Container train

Legacy Fly Ash Disposal to Low Lying Area









Jhabua Power is committed to discharge its responsibilities as an ESG compliant Company and and is geared up to comply with the recent MoEF & CC notification.

Thank You



