Contents

Abbreviations		6
Pre	eface	7
l.	Solid waste in India	g
	Composition of Indian waste	9
	Calorific value and moisture content	10
	Treatment of MSW in India	1:
2.	Status of waste to energy in India	1/
	Status of WTE plants in India	1/
	Performance of WTE plants in India	19
3.	Policy and legislative framework for WTE in India	20
	Solid Waste Management Rules, 2016	20
	Environmental clearance	20
	Financial incentives for WTE in India	2:
4. Economic feasibility for WTE in India		23
	Characteristics of the waste	23
	Costs of WTE in India	2/
	Revenue for WTE plants	2/
	Quantum of waste available for WTE	26
	Environmental, social and health cost of WTE	27
	Environmental costs	27
	Impact on human health	29
	Cost to informal sector	29
5.	Conclusion	32
	ANNEXURES	35
	Annexure 1: Status of WTE plants in India	36
	Annexure 2: Plants under consideration in India	38
	Annexure 3: Checklist for deciding feasibility of WTE technology	39
	Annexure 4: Case studies of operational plants	44
Re	eferences	49

To burn or not to burn report blue.indd 5 07/02/19 4:04 PM