













86 U.S. WTE Plants - \$14 Billion is Assets Generating approx. 2,700 MWs							
	Technology	Operating Plants	Daily Design Capacity (TPD)	Annual Capacity <sup>(1</sup> (Million Tons)	)		
	Mass Burn	64	71,354	22.1			
	Modular	7	1,342	0.4			
	RDF - Processing & Combustion	13	16,928	5.3			
	RDF – Coal Combustion	2	4,592	1.4			
The second s	Total U.S. Plants	86	94,216	29.2			
GBB SOLID WASTE MANAGEMENT	(1) Annual Capacity equals (days/year) multiplied typical system guarant Source: Energy Recovery Co	s daily tons per c by 85 percent. I tee of annual fac puncil, 2010 Directo	lay (TPD) of design Eighty-five percent o illity throughput.	capacity multiplied by 36 f the design capacity is a	5 1		
CONSULTANTS			,		8		





EPA Warm Model Comparison Between Recycling Rates with Composting or Waste to Energy								
	Baseline	Alternative	Total (MTC					
GBB	Description		Baseline MSW Generation and Management	Alternative MSW Generation and Management	GHG Emission or Reduction Difference	Barrels of Oil Saved (bbls/day)		
	Waste landfilled	20% Recycling	110	(310)*	(420)	523		
	Waste landfilled	50% Recycling	110	(543)	(653)	907		
	Waste landfilled	50% Recycling and Rest to Composting	110	(597)	(707)	904		
	Waste landfilled	50% Recycling and Rest to Waste To Energy	110	(661)	(771)	1,047		
SOLID WASTE MANAGEMENT CONSULTANTS	*Note: numb	ers in parenthe	esis are negativ	e showing red	uctions in CO2	emissions. 11		





EAN	Nashville District Energy System						
CHPA	2002 Customers and Demand						
A D W E R	Building Ownership/Name/Services	Building Sg. Ft.	Steam (lbs./hr.)	Contract Demand Chilled Water (tons)			
	State of Tennessee	ļ.—					
	Andrew Jackson Building (S) (C/W)	545,000	83,000	1,784			
	James J. Polk Building (S) (C/W)	758,000	12,000	1,500			
	Central Service Building (S) (C/W)	90,000	Included in Andrew Jackson Bldg. (AJB)	400			
	Cordell Hull Building (S) (C/W)	358,000	Included in AJB	1,000			
	Library & Archive Building (S) (C/W)	80,000	Included in AJB	150			
	State Capitol Building (S) (C/W)	66,000	Included in AJB	200			
	Supreme Court Building (S) (C/W)	40,000	Included in AJB	125			
	War Memorial Building (S) (C/W)	316,242	Included in AJB	550			
	Tennessee State University Building (S) (C/W)		Included in AJB	Included in AJB			
	Legislative Plaza Building (S) (C/W)		Included in AJB	Included in AJB			
	John Sevier Building (S) (C/W)		Included in AJB	Included in AJB			
	Rachel Jackson Building (S) (C/W)		Included in AJB	Included in AJB			
	Citizens Plaza Building (S) (C/W)	295,115	4,600	700			
	Tennessee Tower (S) (C/W) (I)	850,000	25,200	1,500			
	Total State Customers	3,398,357	124,800	7,909			
	Metro Buildings						
	Court House (S) (C/W)	239,616	8,000	500			
	Stahlman Building (S) (C/W)	157,000	4,425	500			
	Criminal Justice Building (CJB) (S) (C/W)	386,000	14,710	645			
	Safety Building (S) (C/W)		Included in CJB	Included in CJB			
	Municipal Auditorium (S) (C/W)	142,000	14,000	1,100			
	Convention Center (S) (C/W)	650,000	18,750	1,400			
	Nashville Arena (S) (C/W)	529,341	24,150	2,835			
	I ne Collseum	N/a	0	2,000			
	I otal Metro Customers	2,103,957	84,035	8,980			
	Private Buildings	1					
	Washington Square (S) (C/W)	288.000	4 300	500			
	Parkway Towers (S) (C/W)	215,000	4,300	550			
	Inion Planters Bank (S) (C/M)	75,000	3,000	250			
	Sheraton Hotel (S) (C/W)	476.000	15,000	860			
	South Trust Bank (S) (C/W)	82.000	2.000	190			
	**Public Square Parking (S) (C/W)	36 700	1,500	110			
W.	Hermitage Suites Hotel (S) (C/W)	80,000	4,000	300			
	501 Building (S) (C/W) (I)	86.000	2.500	250			
	*Sun Trust Bank (S) (C/W)	301,200	18,200	765			
	Sun Trust Center (S) (C/W)	490,000	0	900			
N N	Renaissance Hotel (S) (C/W)	650,000	21,250	1,000			
	The Tower (C/W)	100,000	0	600			
	(included in Convention Center)	1					
	City Centre (C/W)	420,000	0	1,600			
	St. Mary's Church (S) (C/W)	13,200	490	40			
	Ryman Auditorium (S) (C/W)	35,860	2,587	294			
	Wild Horse Saloon (S) (C/W)	52,091	2,800	270			
NUE LANGTE	Total Private Customers	3,401.05	85,627	8,479			
DLID VVASIE							
	Consolidation:						
ANIAGEMENT	Total State Customers	3,398,357	124,800	7,909			
NU SPACE ALL VILLENT	Total Metro Customers	2,103,957	84,035	8,980			
and the second	Total Private Customers	3,401,051	85,627	8,479			



































