

Project Charter - A001 SOBE Youngstown

Project Overview:

- **Project Name:** A001 - SOBE YOUNGSTOWN, OHIO
- **Location:** YOUNGSTOWN, OHIO
- **Development Partner:** SOBE
- **Project Type:** GENERAL CONSTRUCTION WITH PROVEN GASIFICATION SYSTEM
- **Capacity:** 88-TON GASIFICATION SYSTEM WITH TIRE RECEIVING FACILITY
- **Current Status:** PERMITTED AND SHOVEL READY
- **Investment Opportunity:** EQUITY/DEBT RELATIONSHIP, HOWEVER, SOBE WILL MAINTAIN CONTROL OF OPERATIONS AND CONTROL OF TECHNOLOGY

Key Features:

- **Innovative Technology:** GASIFICATION SYSTEM PROVEN WITH PILOT FACILITY AND COMMERCIAL OPERATIONS OF 44-TON UNIT
- **Sustainability:** REMOVE TDC FROM PLANET IN SAFE AND ENVIRONMENTALLY FRIENDLY MANNER, RECLAIM ENERGY, CARBON BLACK AND STEEL, REDUCE THE CARBON FOOTPRINT ASSOCIATED WITH PRODUCTION OF LIKE COMMODITIES, REDUCE THE FOOTPRINT OF LANDFILL
- **Scalability:** THE APPLICATION IS UNLIMITED, WITH WASTE STREAMS AND COMMODITIES DERIVED FROM WASTE STREAMS, LIKE WOOD WASTE AND TIRES
- **Economic Impact:** DIVERSIFY ENERGY TYPES AND BRING ENERGY TO ALL CORNERS OF THE HOSPITABLE WORLD, PROVIDE COMMUNITIES WITH LOW -COST ENERGY TO HEAT, COOL AND ELECTRIFY

Marketing Positioning:

- **Target Market:** ALL REGIONS HOSPITAL TO FOREIGN INVESTMENT THAT HAVE HIGH VOLUME OF PETROLEUM BASED WASTE OR COMMODITIES, MARKET SEGMENTS, PLASTICS, TIRES, WOOD, COMPOSITE, HOSPITAL RED BAG, CARPET, AND ELECTRONIC WASTE. GOVERNMENT AND MILITARY APPLICATIONS
- **Competitive Advantage:** CLEAN, SAFE, RELIABLE AND CONTINUOUS
- **Brand Align:**

Conclusion: SOBE PROJECT CREATES A MULTI-REVENUE PLATFORM , CLEANS THE PLANET AND PROVIDES ECONOMIC AND SOCIAL DEVELOPMENT FOR A SUSTAINABLE FUTURE

Year 2 - beyond		Large	Small	Heating	Cooling	Gas Heat	Total	Gas Cool	Total							
653544	<u>January</u>	744	53	37	90	24	99	73656	26.4	19641.6		114	84816	66960	17856	27528
279590	<u>February</u>	672	53	37	90	24	99	66528	26.4	17740.8		114	76608	60480	16128	24864
	<u>March</u>	744	45	33	78	24	85.8	63835.2	26.4	19641.6		102	75888	58032	17856	24552
933134	<u>April</u>	720	25	33	58	24	63.8	45936	26.4	19008		82	59040	41760	17280	23760
	<u>May</u>	744	10	28	38	45	41.8	31099.2	49.5	36828		83	61752	28272	33480	20832
	<u>June</u>	720	10	28	38	60	41.8	30096	66	47520		98	70560	27360	43200	20160
	<u>July</u>	744	10	28	38	60	41.8	31099.2	66	49104		98	72912	28272	44640	20832
	<u>August</u>	744	10	28	38	60	41.8	31099.2	66	49104		98	72912	28272	44640	20832
	<u>September</u>	720	10	28	38	45	41.8	30096	49.5	35640		83	59760	27360	32400	20160
	<u>October</u>	744	23	28	51	24	56.1	41738.4	26.4	19641.6		75	55800	37944	17856	20832
	<u>November</u>	720	45	33	78	24	85.8	61776	26.4	19008		102	73440	56160	17280	23760
	<u>December</u>	744	53	37	90	24	99	73656	26.4	19641.6		114	84816	66960	17856	27528
					725	438		580615		352519		1163	848304	527832	320472	275,640

year 1 933134 848304

<u>Existing</u>													
January	February	March	April	May	June	July	August	September	October	November	December		
744	672	744	720	744	720	744	744	720	744	720	744		
27	27	22	18	15	10	10	10	10	10	15	22	27	
20088	18144	16368	12960	11160	7200	7440	7440	7200	11160	15840	20088	155088	
	31	28	31	30	31	30	31	31	30	31	30	31	
January	February	March	April	May	June	July	August	September	October	November	December		
Large	0	0	0	0	0	0	28	28	28	28	40	40	
Small	27	27	22	18	15	10	10	10	10	15	22	27	
Heating	27	27	22	18	15	10	38	56	56	56	73	77	
Cooling	0	0	0	0	0	0	60	60	45	24	24	24	
<u>Units Heat</u>							28272	41664	40320	41664	52560	57288	
<u>Unit Cooling</u>							44640	44640	32400	17856	17280	17856	
<u>Totals</u>							72912	86304	72720	59520	69840	75144	
<u>Feedsotck</u>							98	116	101	80	97	101	
							107.8	127.6	111.1	88	106.7	111.1	

Tires	\$	(3,680,000.00)
Shredding	\$	1,825,000.00
Gas	\$	132,480.00
water	\$	53,560.00
Employee	\$	624,000.00
Benefits	\$	249,600.00
Equip/maint	\$	350,000.00
	\$	(445,360.00)
	\$	-
	\$	(445,360.00)

Gas Production

Employees	\$	520,000.00
Benefits	\$	208,000.00
Power	\$	264,960.00
Water	\$	180,288.00
Injections	\$	-
Therm Maint	\$	-
Bagging	\$	-
Building Maint	\$	-
Control/License	\$	-
Shipping	\$	-
Misc. Maint	\$	-
	\$	1,173,248.00

Administration

Executive	\$	165,000.00
Office	\$	-
Marketing	\$	-
Munich Re	\$	-
General Insur	\$	42,000.00
Communication	\$	-
Professional Fee	\$	-
	\$	207,000.00
	\$	934,888.00
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