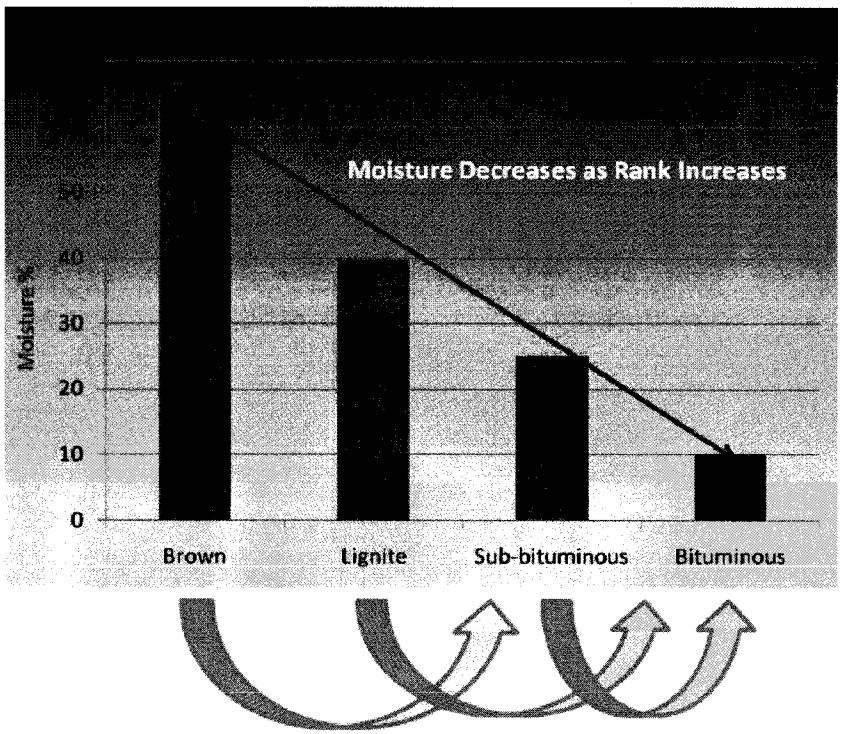
EXHIBIT 2
DATE 3/21/11
SB 297

Coal Beneficiation

GTLE BUSINESS: GTL Energy Ltd (Company) has developed a mechanical-low temperature process technology to address and correct these issues by the removal of moisture. The Company's process technology is capable of transforming low energy LRC into high grade coal briquettes or produce LRC/Biomass blended briquettes to access renewable energy feedstock and further improve the quality of the products, and reduce emissions.

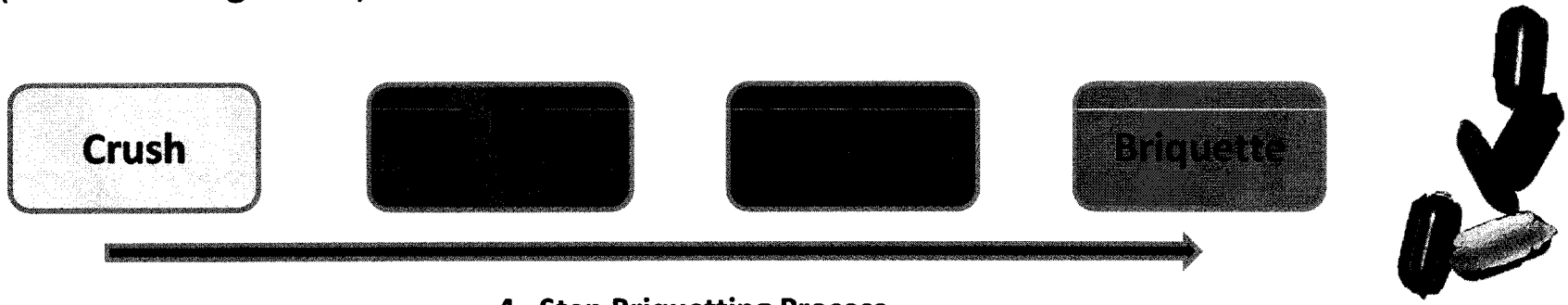
GTL Energy is a cleaner coal technology company with substantial global application to low rank coal and bio-mass deposits.

The business model is simple: Upgrade low cost LRC into high energy, high value, stable cleaner coal products.



In tests to date, the GTLE Process has reduced the moisture content of coals from around the world, thereby increasing the energy value and the $ value of low rank coals.

- **Robust process** transforms the physical properties of the low rank coal using reliable, modified, commercially available equipment.
- **Flexible system**, which can include washing, is responsive to feed variations and enables production of a **customized product**.
- **Low temperature drying** avoids emission of noxious compounds.
- Amenable to **recovery of the moisture** removed, which is shown to be non-toxic and will reduce the overall fresh water needs of energy conversion plants.
- Accepts coal **feed of any size**, ensuring full utilization of the mined resource.
- Briquette **product is stable** without any chemical binder. It has very low pyrophoric tendencies. No special precautions are required for handling, transportation or storage.
- Briquette product has **superior strength** for transport or under extreme thermal stress (such as in a gasifier).



4 –Step Briquetting Process

GTLE has successfully transformed samples of high moisture low value coals from around the world into low moisture high value premium fuels that result in increased efficiencies and lower emissions.

Source of Coal	Reduction in Moisture	Increase in Thermal Energy
New Zealand Lignite 1	46%TM to 12.5%TM (73%)	5,500Btu to 9,500Btu (73%)
New Zealand Lignite 2	42.5%TM to 12.5%TM (70%)	6,500Btu to 10,000Btu (54%)
Indonesian Lignite 1	47%TM to 12.5%TM (73%)	6,300Btu to 10,300Btu (64%)
Indonesian Lignite 2	33%TM to 10.0%TM (70%)	8,250Btu to 11,000Btu (33%)
Indonesian Lignite 3	45%TM to 12.0%TM (73%)	6,300Btu to 9,900Btu (57%)
Texas Lignite	35%TM to 12.5%TM (64%)	5,500Btu to 9,200Btu (67%)
North Dakota Lignite 1	42.5%TM to 12.5%TM (71%)	6,000Btu to 9,200Btu (53%)
North Dakota Lignite 2	38%TM to 12.5%TM (67%)	6,600Btu to 9,400Btu (42%)
PRB Sub-bituminous	28%TM to 10%TM (64%)	8,600Btu to 10,800Btu (25%)
Australian Brown Coal	61%TM to 12.5%TM (80%)	4,700Btu to 10,350Btu (120%)
PRB & Biomass Blend	35%TM to 4%TM (89%)	7,200Btu to 10,050Btu (40%)

GTLE Coal Beneficiation

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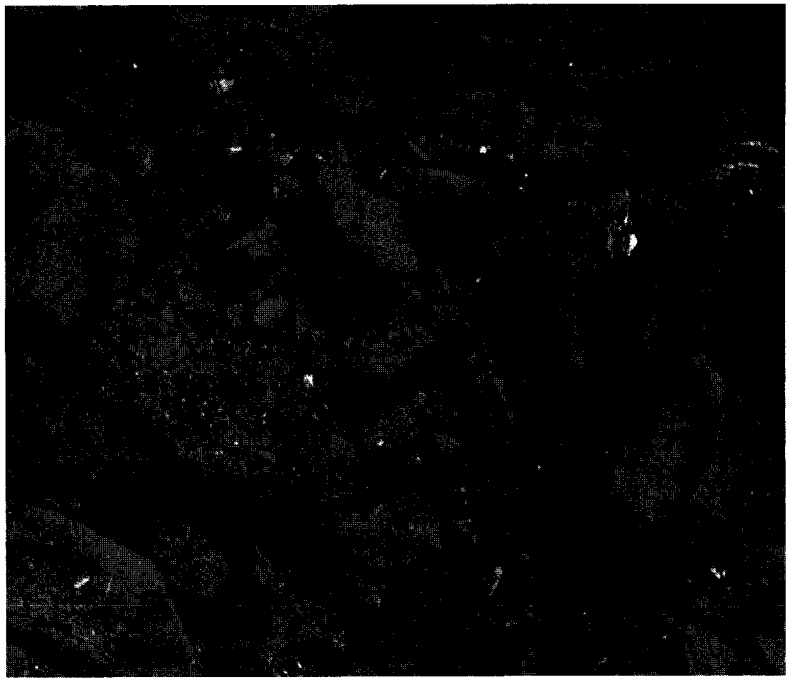

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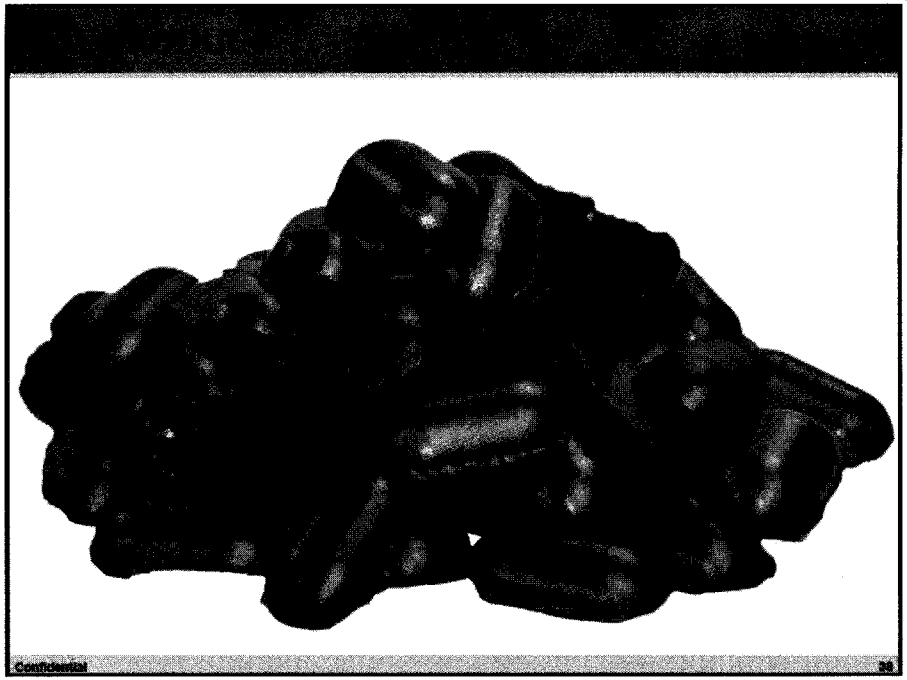
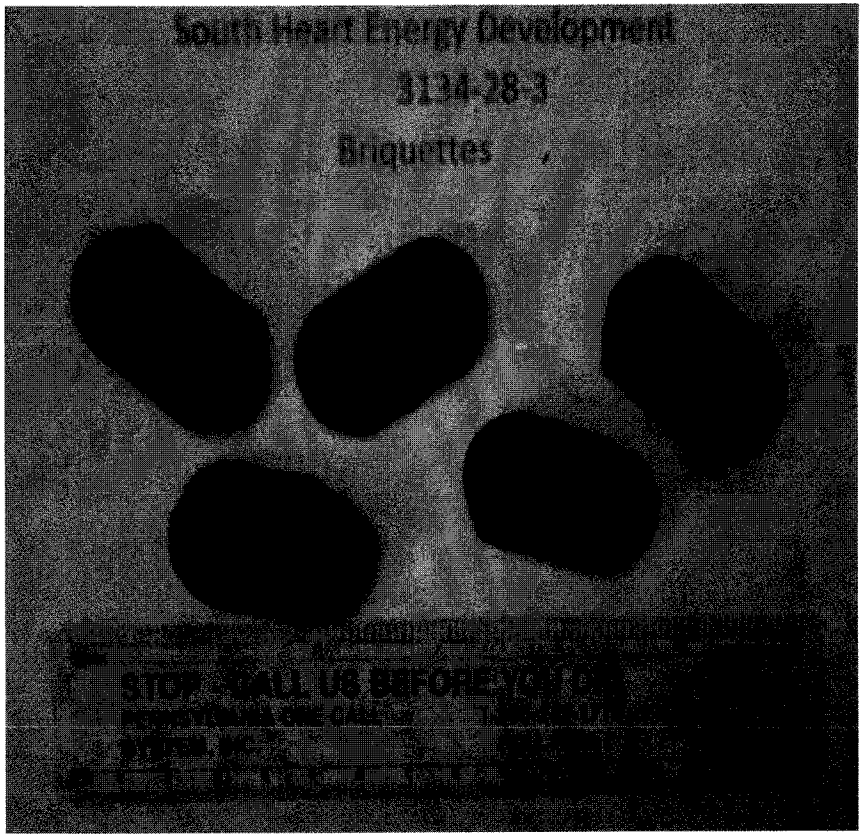


GTLE Binderless Briquettes



	SH Lignite	GTLE Briquette	Texas Lignite	GTLE Briquette
Carbon	40.30	52.79	40.30	51.05
Hydrogen	3.96	3.42	3.08	3.92
Nitrogen	0.55	0.68	0.62	0.79
Chlorine	?	?	0.01	0.01
Oxygen	5.41	13.04	8.88	11.29
Ash	9.22	12.48	14.37	18.28
Sulfur	0.93	1.53	0.92	1.17
Moisture	39.63	16.06	32.00	13.50
	100.00	100.00	100.00	100.00
HHV (Btu/#	**7025**	**8666**	**7098**	**9029**