# Due Diligence Update

- Energy Supply Fuels Group has viewed contracts
- Suppliers' contracts are directly with GREC
- BRM gets incentive for fuel at higher heating assumed by PPA content and lower moisture content than
- NAES O&M Contract
- Terminable
- cost GREC will make GRU whole for termination



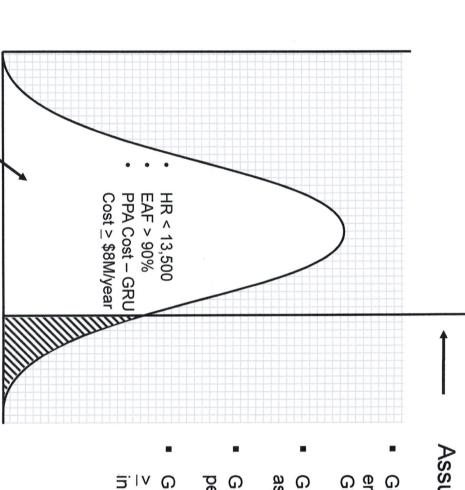
# Risk Management

- probability Risk is a function of both sensitivity and
- side risk The methodology is designed to control down
- Assumptions have bigger up side
- 3<sup>rd</sup> party review corroborates the model to meet the intent of the methodology





## **Operational Risk**



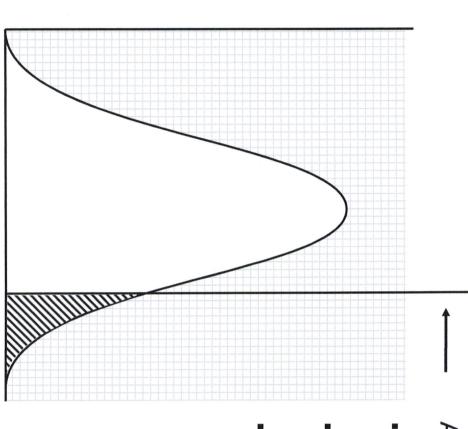
#### Assumption:

- GRU can operate the facility in environmental compliance as well as GREC/NAES
- GRU can manage availability as well as GREC/NAES
- GRU can manage thermal performance as well as GREC/NAES
- GRU can operate the facility at a cost > \$8M/year less than the FOM + VOM in the PPA

Probability that GRU operates the facility in a manner not meeting assumed performance

Probability performance under GRU exceeds assumed level

### Design Risk



#### Assumption\*:

- Facility design is sufficient to achieve 90% EAF and 13,500 HR
- Facility equipment is sufficient to achieve 90% EAF and 13,500 HR
- Facility construction was sufficient to achieve 90% EAF and 13,500 HR

Probability that design and/or equipment reliability/capability and/or facility construction are not capable of 90% EAF and 13,500 HR

<sup>\*</sup> To be verified during the due diligence phase of the acquisition

# **How Would Future Environmental Regulations Impacting GREC** Effect GRU?

- Possible future regulatory changes
- Biomass carbon neutrality
- Carbon Credits
- Cross-state Rule (CAIR, CSAPR)
- CO<sub>2</sub>/GHG limits on existing plants
- PPA Appendix II, Products, includes Environmental Attributes.
- PPA 3.2, Change in Law, requires an equitable change to Contract Prices if compliance such law specifically increases the cost of generation
- Increased price to GRU offsets GREC cost
- As Owner GRU would bear the cost of compliance
- GRU is equally at risk, whether Purchaser of GREC products under the PPA or as GREC **Owner**
- While future environmental regulation may pose a significant absolute risk, it is not a significant issue in the GREC acquisition decision.

#### Under PPA, GRU as Buyer

No design risk of shortfall. GREC has already run at 100+

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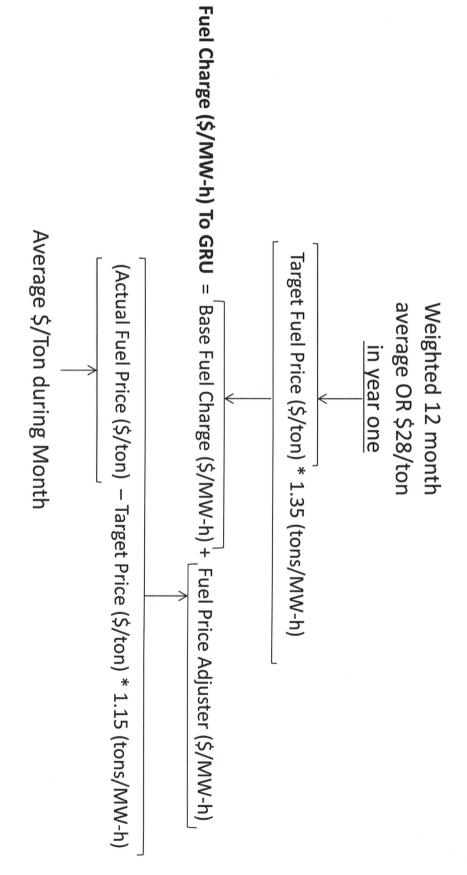
Capacity

**Thermal** 

Efficiency

MEDIUM	HIGH	<b>←</b>	GRU accepts responsibility to manage thermal performance, as it does for its other units. Any improvement in heat rate over PPA flows to GRU's customers thru the fuel adjustment. GRU has demonstrated its ability to improve heat rate of its existing units
WEBIN W	HIGH	← →	GRU accepts responsibility for maintaining the ability to meet design capacity, as it does for its other units. Shortfall would be from GRU's other units with no reduction in fixed cost. NPU of NT PATING NPEC + FOM のコスラ Mu ② つりかないに スタ メンタン アスター スター スター スター アスター スター アスター アスター アスタ
Confidence Significance (in scope of of change in risk)  GRU risk)	Confidence (in scope of risk)	Chg. To GRU Risk	Under GRU Ownership

### Fuel Pricing



### Under PPA, GRU as Buyer ost is contractual and based on a factor of the contractual and based on the co

Fuel Cost is contractual and based on a factor changing \$/ton to \$/MW-h. The factor is based on (approx) 5000 BTU/lb heating value. Actual heating value above target is value to GREC as GREC pays for fewer actual tons of fuel than the 5000 BTU/lb charged to GRU. GREC also gains savings in VOM with fewer actual tons of fuel

Price

#### Under GRU Ownership

GRU pays for fuel at as-delivered price. GRU incented to optimize heating value and price/ton to achieve best \$/mm BTU. Fuel cost reduced by any profit built into the Target Fuel Price calculation in the PPA. 500 BTU/lb improvement over target at same \$/ton results in \$2.2m annual savings (\$2.75/MW-h.)



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