



## INITIAL QUESTIONS TO PREPARE FOR WALKTHROUGH AND AUDIT

(Objective is to give NRG Asia a first idea of your company's energy usage and to help you to anticipate our analyses. This will give us a head start when we meet first.)

### SECTION I: ELECTRICAL AND FUEL CONSUPTION

1. What is the main source(s) of energy you use (e.g. oil, natural gas, electricity, biomass, etc)?
2. How much energy (e.g. oil, NG, kWh, coal) do you consume each month (or year)?
3. How much is a typical monthly energy bill?
4. What are your hours of operation?
5. How many facilities / buildings / operations sites do you have? Which ones you believe consume most energy?
6. Where do you feel the most energy is consumed (e.g. motors, lights, aircon, heating/cooling, boiler, compressed air, etc)?
7. Can you give any detail on the size and type of motors (e.g. production process, conveyor belts, fans, etc.) or other energy consuming equipment?
8. Can you give any detail on size and type of boiler, which applications use most steam ?
9. What type of lights do you use and approximately how many do you have of each type?
10. What is your daily waste water production and you COD value?
11. Do you produce biomass waste? If so, what kind and how much per day?
12. What is your daily waste production? Please specify the type of waste.
13. Which project have you done related to energy savings in the last 5 years?
14. Please send any extra information that you feel can help us understand your energy usage:

1. Utility bills;
2. Production / Capacity reports for last 12 months;
3. Lighting floor plan (type of lights, watts, height of ceiling, etc);
4. Process flow diagrams (PI diagrams);
5. Electrical layout;