

# KALDER Energy and ABSOLUTE COMBUSTION INTERNATIONAL CLIENT TECHNICAL SURVEY

**Note :** Information provided by your company in this survey is subject to NDA and is intended for use only by ACI in the process of better understanding your business and determining the most cost efficient and appropriate solutions to be offered by the ACI given your unique context and product

## Section 1 – Burner Application

A. Please provide a brief description of your business, product and geographic coverage (i.e. export countries)

B. What burner equipment is currently being used at your facility? (please provide as much information as possible, year in operation, make, model, etc)

## Section 2 – Fuel Usage

A. Historical total fuel consumption within the last 3-5 years (natural gas, propane, diesel fuel) using your metrics

	Natural Gas	Propane	Diesel fuel
2012			

2013			
2014			
2015			
2016			

B. How do you measure the fuel consumption (please provide specific details)?

C. Total cost of fuel used in local currency for the last 3-5 years?

	Natural Gas		Propane		Diesel fuel	
	Local currency	US\$	Local currency	US\$	Local currency	US\$
2012						
2013						
2014						
2015						
2016						

D. How is fuel supplied?

E. Do you have/face any fuel usage limitations/restrictions due to environmental/supply or other restrictions?

### Section 3 – Emissions

A. Historical Amount of NOx, CO, CO2 emitted from the burners annually during the last 3-5 years

	CO	CO2	NOx
2012			
2013			
2014			
2015			
2016			

B: How are the emissions measured and how reliable are they? How are they verified?

C: Do you have any specific emission/efficiency targets either voluntary (internal) or external (guided or to be introduced soon)?

## Section 4 – Maintenance

A. Historical total Maintenance expenditures (planned and emergency) of burners during the last 3-5 year in total maintenance costs

	Total Maintenance costs (local currency)	Total cost of <b>scheduled</b> maintenance of burners only (local currency)	Total cost of <b>emergency</b> maintenance of burners only (local currency)
2012			
2013			
2014			
2015			
2016			

B: Top 3 cause of required maintenance on burners?

- 1.
- 2.
- 3.

C. Total **historical** capital and operational expenditures during 2015-2017

	Total capital expenditures (in local currency)	Total operational expenditures (in local currency)
2015		
2016		
2017		

D. Total **planned** Capital and Operational expenditures for 2018-2020

	Total capital expenditures (in local currency)	Total operational expenditures (in local currency)
2018		

2019		
2020		