FOR CUSTOMERS OF MORE T	HAN 5MW OF		UR (0.132 MIGD) OF WAT	ER
Date Received by Respondent:/	/	Year / Sl. N	// o. / Sector (Pvt./Govt./Gen)/Cu	stom
Date Returned to CSD :/	/	Application No (If available):	
	Sectio	n A - General		
1. Responded by:	Project Owne	r	Project Develop	per
2. Project Title:				
□ Entirely new (first-time) survey for	a new project	□ Update to an earlier surve	ey (if existing project) SN:	
3. Project Location: City	Municipality	Geographical Zo	ne No GIS PIN No	
Electricity Meter	· No (if available)	W	/ater No	
QID No./Establishment No./ Comme				
4. Project Brief Scope and the Type (Survey shall include all components of E	of End-Product	(E & W): ruction of Camps. Labour Camp	os (Temporary & Permanent)	
(
5. Project Ownership:	□ Government	Gov+ Private Joint Ventu	re	ip
	□ Private Joint (Ownership		
6. Project Early Start: Quarter:	Year:	Project Early Fini	sh: Quarter: Year:	
7. Current Project Execution Status:	Planning	□ Feasibility	□ Design	
	□ Tendering		Operation	
8. Current Project Financial Status:	□ Not Budgeted	Budget Approve	d 🛛 🗍 Finance Secure	ed
9. Project Developer's/Owner's Nam	ie:			
10. Product End user (E&W): (Customer is the final End User of KM S	Services)			
11. Contractor's Name:				
12: Project Consultant's name:				
		ect Demand Inform		
	•		□ Others:	
mportant: If the Type of Supply is Temporal Supply. The form is available at Customer S	y, Temporary Conn	nection Forms and Metering Form	ns must be filled in when applying i	
B2. Development Class (Detailed in	bage 6, item E7	to E11 under Specific Guid	le Lines):	
□ Governmental	Commercial	□ Industrial □ Res		
For Industrial: 🛛 Heavy	□ Medium	□Light (Classification a	s per Government License)	
33. Expected End-Use (%):				
Electricity Expected % of Ultimate D				

Reactive Electricit	y Compensators	Harmonic Genera	itors
Labour Camp		Others	
Water % of Ultimate Demand:			
Agriculture	Landscaping	Sanitation/Waste	Disposal
Process Water	Cooling	Fire Protection	Drinking
Cooking	Washing/Cleani	ng Labour Camp	Others
B4. Project Specific Consumption R	lates		
B4.1 Average electrical energy consum	nption per unit of produ	iction:	(MWh/Unit)
B4.2 Average water consumption per u	nit of production:		(Cubic Meter/Unit)

B5. Yearly Maximum Demand & Quantity (See Table "B5")

Note: Before filling in Table B5, please see the Section E - Notes & Guidelines E7 to E11 on page 6.

Table B5 - Yearly Maximum Peak Demand & Quantity								
	Facility		Electricity D	Demand in	Potable V	Vater	Distillate D	
Year	Population in the Year (Refer E14 in Page 7)	Project Execution Phase(Ref. A7)	the Y Maximum Peak *MW (See E18)	ear MWh/ Year	Demand in t Maximum Peak **MIGD (See E18)	MIG/ Year	the Y Maximum Peak **MIGD	MIG/ Year
Past Yea	rs Historical Actual Den	nand	· · ·					
2011								
2012								
2013								
2014								
2015								
2016								
2017								
	•		Future Dem	and Forecas	st		•	
2018								
2019								
2020								
2021								
2022								
2023								
2024								
2025								
2026								
2027								
2028								
*MW= N	/legawatt **MIGD	= Million Im	perial Gallons	per day	1			

B 6 : Bulk Customer Having multiple project / Connections

Project Name/s ⁽¹⁾		2018	2019	2020	2021	2022	2023
	Electricity (MW) ⁽²⁾						
	Water (MIGD) ⁽³⁾						
	Project Status (O,C,T,D,F,P) (4)						
	Electricity (MW) ⁽²⁾						
	Water (MIGD) ⁽³⁾						
	Project Status (O,C,T,D,F,P) (4)						
	Electricity (MW) ⁽²⁾						
	Water (MIGD) ⁽³⁾						
	Project Status (O,C,T,D,F,P) (4)						

1. These are the Project Names on KM Records. Please add/amend as required, denoting as existing and new project loads.

2. Electricity - Peak demand (in MW)

3. Water - Peak demand (in MIGD) total for potable & distillate

4. Project Status : O – Operation , C – Construction , T – Tender, D – Design , F – Feasibility, P - Planning

Section C – In-House Electricity and Water Production Information

C1. Do you intend to supply your Electricity/Water demand through in-house production? (Y/N) _____

If Yes, please indicate the percentage of your requirements you intend to provide through your in-house production.

C1.1 Electricity (%) _____ C1.2 Water (%) _____

C2. Do you need backup supply from Kahramaa? (Y/N) _____

If Yes, please tick mark if one or both apply:

Require Backup during Kahramaa's System Peak Periods. Electricity
Water

Require Backup during Kahramaa's System Off-Peak Periods. Electricity 🗌 Water 🗌

C3. Please provide your in-house capability to produce electricity and/or water, if any:

	ELECTRICITY				WATER			
Unit No.	Generating Unit Description	Capacity (MW)	Type of generation technology (ST- GT-CC etc).	U	Jnit No.	Water Production Unit Description	Capacity (MIGD)	Type of Technology (MSF, MED, RO)

C4. Do you intend to have Electricity/water exchange with Kahramaa? (Y/N) _____ If Yes, please provide the following details:

	ELECTRICITY EXPORT & IMPORT				WATER EXPORT & IMPORT			
Year	Type of Exchange E – Export I – Import	Quantity (MWh/Year)	Indicative Tariff (QR/kWh)		Year	Type of Exchange E – Export I – Import	Quantity (Cubic Meter / Year)	Indicative Tariff (QR/Cubic Meter)
				ĺ				

Please suggest any provisional key commercial terms for Export and Import in the following space provided. If the space is insufficient please attach a separate sheet. The terms you suggest are for survey purposes only and do not constitute any commitments by either party. Please contact the Head of Production Planning, Production, Water Resource Planning & Business Development Dept. if you need to discuss further, at Telephone 4484-5425.

Section D – Attachments

Please tick-mark if the following attachments are attached to the survey form or not.

	Project Location Map (Hardcopy & Electronic digital Auto Cad files Copies) including proposed substation location with Coordinates for Electrici	□ Yes ty.	□ No.
D2.	Project Master Schedule	□Yes	🗆 No
D3.	Yearly Load Demand Curves	□Yes	□No
D4.	Proposed Electricity & Water Exchange Terms	□Yes	□No

Section E – Notes & Guidelines

General Notes:

- E1. By signing this survey form the respondent warrants that all information provided are accurate and reliable to the best of Project Owner's knowledge and Project Owner is properly authorized to provide such information to Kahramaa. Contact: Sr. Engineer, Bulk Customer, contact no: 4462 8220
- E2. The respondent must be aware and acknowledge that all the information provided are for Kahramaa's planning purposes only and does not imply commitment by the Project Owner or Kahramaa. If the Project Owner requires a commitment to supply then he must fill in and submit the Application Form which is available at Customer Services Department.
- E3. Normally Kahramaa is expected to be able to meet any bulk demand three (3) years prior the year at which the supply is required. Kahramaa requires a minimum lead time of three years to prepare for any future additional capacity required.
- E4. As per Qatar Ministry of Energy regulations, customers are not allowed to generate and meet their own electricity and water demand without prior permission from Kahramaa.
- E5. At its own discretion, Kahramaa may conduct an independent investigation to verify the accuracy of any and all information provided in this survey form by the respondent.
- E6. The information provided by the respondent about sites & corridors are considered as provisional only. In case of conflict between customer's project sites &/ routes and KAHRAMAA existing and/or future sites and/or routes, the customer shall be responsible for the cost of any relocation of KAHRAMAA existing installations and obtaining the alternative sites and/or routes for future and/or relocated installations which are in conflict with his project sites and/or routes.

Specific Guidelines for filling Item B2 in Page 1:

CLARIFICATIONS AND DEFINITIONS OF DEVELOPMENT CLASS IN 2018 SURVEY FORM

- **E7. GOVERNMENTAL**: Projects sponsored, financed, owned and contracted by Government Agencies like Qatar Government directly or Agencies like UPDA, MMAA, Qatar Foundation, National Health Authority, Kahramaa, Hamad Medical Corporation, and such others.
- E8. COMMERCIAL: All Projects used for Business Purposes other than Industrial and Residential, which are Private like City Centre, Land Mark, Dasman Centre, Lulu Centre, Villagio, Hotels and such other Entities.
- E9. RESIDENTIAL: All Individual Flats, Apartments, Grouped Buildings and Residential Complexes, Villas and Independent Houses used for purely for Residential Purposes of Families or Individuals.
- E10. MIXED COMPLEXES (RESIDENTIAL & COMMERCIAL): All projects which may be a combination of both Residential & Commercial in nature such as The Pearl Qatar, Barwa, Lusail Development, North Beach Resort Projects, and such other Entities.
- E11. INDUSTRIAL: All Projects, Which are basically Process /Production / Manufacturing in nature such as Qatar Steel, Qatar National Cement Company (QNCC), Qatar Fertilizers, All QP Process Projects and such other entities of this nature, other than Residential, Commercial & Mixed Residential Commercial nature. This Industrial class may be categorized into 3 categories: eg., Heavy, Medium and Light Industrial.

Specific Guidelines for filling Table B5:

- E12. Last 6 Years Historical Actual Demand. For the 6 Years before the Survey year, please provide Actual Demand Figures for Projects that are in Operation phase.
- E13. Future Demand. For the succeeding future years, please provide supply requirements in all the various phases of the Project. The information is to be provided by the respondent for a period not less than 14 years from the start of the planning phase.
- E14. Facility Population. Provide the number of people requiring electricity and water for all phases of the project for each year.
- E15. Project Execution Phase. Write the appropriate letter for each phase or a combination of the same (for parallel phase) as appropriate against each year with P=Planning, F=Feasibility, D=Design, T=Tendering, C=Construction, O=Operation.
- E16. Electricity Demand, Potable Water Demand and Distillate Demand. First, fill in the historical demand for the last 6 years, if any. Then fill in the future demands in the succeeding future years. Attaching yearly demand curves will also help Kahramaa understand your requirements better.
- E17. Peak Demand for Water: Means the highest Monthly Average Demand in Million Imperial Gallons per Day (MIGD) during the Year.
- E18. Peak Demand for Electricity: Means the highest Electricity Demand in Megawatts (MW) during the Year.

Specific Guidelines for filling Table B6.1 to B6.5:

- E19. Facility Population. Provide the number of people requiring electricity and water for all phases of the project for each month.
- E20. Project Execution Phase. Write the appropriate letter for each phase or a combination of the same (for parallel phase) as appropriate against each month with P=Planning, F=Feasibility, D=Design, T=Tendering, C=Construction, O=Operation.
- E21. Electricity MW, Electricity MWh/Month, Potable Water MIGD, Potable Water MIG/Month, Distillate MIGD, Distillate MIG/Month. Fill in the future demand information on each month of the year.

	Section F – Respondent Contact Information								
Name	:		Designation:						
Address	:								
Telephone	:	Mobile:	Fax:	Email:					
Signature Note: If Joint	: Venture Project th	nen Joint Venture Leader sha): //					
If any respond	dent data is prov	rided by the Consultant, pl	ease provide the consulta	nt's contact details as required below:					
Name	:		Designation:						
Address	:								
Telephone				Email:					
•									
Signature	:		Date (dd/mm/yy	·)://					

Section G – Survey Preliminary Analysis For Kahramaa Official Use Only

Date Survey Form Received by CPBD from CSD (dd/mm/yy): ___/__/

Internal Circulation Process:

- 1. After receiving from CSD, filled up Survey Forms shall be circulated by CPBD to all concerned departments. Department shall communicate their comments through a formal IDM to CPBD. If the space provided is insufficient for comments, they can separately attach more sheets.
- 2. If no comments from other departments are received by CPBD within 2 weeks after circulation, it shall be assumed that they have no further comments.
- 3. Should CPBD deem it necessary to verify any doubts on survey data in this form, CPBD shall require other departments to investigate further.

Dept	Comments	Name	Signature	Date (dd/mm/yy)	Date Comments Received by CPBD (dd/mm/yy)
ET					
EP					
ED					
WP					
WO					
WF					
TE					
TW					
CS					

Note: Pages 1 to 7 of this form should be filled in by the developer or owner of projects requiring a minimum demand of 5MW of electricity and/or 600 cubic meters/day (0.132 MIG) of water.

CSD Mailing / Contact Details: Head of Bulk Customers Section, CSD, KAHRAMAA, PO Box 41, DOHA, Qatar Office: 44628566, Email: survey@km.qa