LAST NAME		FIRST NAME		MIDDLE NAME				
1. ENGINE / GENE	RATOR INFORMATION							
ENGINE / GENERATOR M	MANUFACTURER							
MODEL NUMBER			NUMBER OF UNITS INSTAL	LED				
Generation Type:	Synchronous OR	Induction OR	Other (provide attachments to describe)					
	Single Phase OR	Three-phase						
If three-phase, specify	configuration 3 wir	e delta 🛛 3 wir	e wye 🗌 4 wire wye)				
Interface Information: Generator Synchronizer								
interface mormation.	Generator Synchronizer			۲)	/Α			
MANUFACTURER			SWITCH RATING					
			Automatic Synchroniz	er 🗌 Man	ual Synchronizer			
MODEL NO								
Fuel Source:	iesel 🗌 Petroleum [Natural gas	Biogas 🗌 Other (specify)				
Generator Maximum R	atings							
kW	kVA	Volts	Amps	Hertz	Power Factor %			
Power Factor Adjustme			min		ax			
Neutral Grounding Sys		led 🛛 Solidly Gro	unded Grounding In	npedance	Z			
For synchronous gener	rators (kVA base)	For induction generators (kVA base)					
Synchronous resistance	e	(X _d %)	Locked rotor current	_	Amps			
Transient resistance		(X _{d'} %)	Stator leakage resistance	_	(R _s %)			
Sub-transient resistanc	e	(X _{d"} %)	Rotor resistance	_	(R _r %)			
Zero sequence resistar	nce	(X _o %)	Rotor leakage resistance	_	(R _i %)			
Negative sequence res	istance	(X ₁ %)						
For induction machines, what is the inrush (startup) current			Amps					

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If the generator is > 1MW (category 4) provide the following:										
M1	(momentum constant)	Stator Reactance		(Xs %)						
M2	(momentum constant)	Rotor Reactance		(Xr %)						
Field Voltage	Volts	Magnetizing Reactance		(X _m %)						
Field Current	Amps	Short Circuit Reactance		(X _d %)						
If the system includes more than one type of engine/generator, include additional copies of this page as needed.										
2. SYSTEM TOTALS										
System Total Operating Ratings:										
kWkVA	Volts	Amps He	ertz	Power Factor %						
Total inrush (startup) current	Amps									
3. INTERCONNECTION DISCONNECT SWITCH SHORT CIRCUIT CURRENT SPECIFICATIONS										
3a) Total short circuit current contribution of the generating system (at point of interconnection)										
Amps (single phase) Amps (three-phase symmetrical) Amps (asymmetrical)										
3b) Load break capability rating of discon										
Amps (single phase)	Amps (three-p	hase symmetrical)	Amps (a	asymmetrical)						
4. WILL APPLICANT INSTALL A DEDICATED TRANSFORMER?										
Yes No If yes, s	specify winding configuration:	[HV windir	ıg]	[LV winding]						
If yes, provide the following and attach ma	anufacturer specification data sheel	ts								
kVA rating kVA Prir	nary Volts V	Secondary Volts	V Impedar	nce %						
If three-phase, specify connection configu	ration: 3 wire delta	2 wire wye	4 wi	re grounded wye						
5. PROTECTIVE EQUIPMENT (THIS MAY BE DETERMINED BY THE ELECTRIC SERVICE PROVIDER). IF EQUIPMENT IS KNOWN, ATTACH MANUFACTURER SPECIFICATION DATA SHEETS.										
6. WILL AN ENERGY STORAGE SYSTEM BE INSTALLED? (IF SO, FILL OUT ENERGY STORAGE SUPPLEMENT AND ATTACH SPECIFICATION SHEETS)										
Yes No	f Yes, is specification sheet attache	ed?								
7. ANY ADDITIONAL COMMENTS?										