Louisville Gas and Electric Company

P.S.C. Electric No. 8, Original Sheet No. 57.1

	Net Metering Service	
	IG SERVICE INTERCONNECTION GUIDELINES	(continued)
operati in any 6. Custor from th in con injury o the po wires occasi	ng properly; however, Company will have no obli manner be responsible for Customer's facilities or ner assumes all responsibility for the electric serv le point of delivery of electricity from Company and nection therewith, and will protect and save Com or damage to persons or property occurring on C int of delivery of electricity from Company, occa and equipment, except where said injury or dar oned solely by the negligence or willful misconduc	igation to inspect, witness tests, or operation thereof. ice on Customer's premises at and d for the wires and equipment used npany harmless from all claims for ustomer's premises or at and from asioned by such electricity or said mage will be shown to have been at of Company.
Level 1 – A Le requirements of 1. The ag of the the pri	vel 1 installation is defined as an inverter-based f Underwriters Laboratories Standard 1741 and m gregated net metering generation on a radial dist line section's most recent one hour peak load. A imary distribution system the generating facility	generator certified as meeting the neeting the following conditions: tribution circuit will not exceed 15% line section is the smallest part of could remain connected to after
2. The ag	on of any sectionalizing devices. ggregated net metering generation on a shared	singled-phase secondary will not
3. A sing volt se	120 kVA or the nameplate rating of the service tra le-phase net metering generator interconnected rvice shall not create an imbalance between the han 20% of the nameplate rating of the service tra	nsformer. on the center tap neutral of a 240 two sides of the 240 volt service of insformer.
4. A net distribu distribu	metering generator interconnected to Company ution lines, shall appear as a phase-to-phase ution line.	's three-phase, three-wire primary connection to Company's primary
5. A net distribu distribu	metering generator interconnected to Company ition lines, shall appear as an effectively ground ition line.	y's three-phase, four-wire primary ded source to Company's primary
 A net r There Interco Compa 	netering generator will not be connected to an are are no identified violations of the applicable prov innecting Distributed Resources with Electric Pow any will not be required to construct any facilities of the protection approaches.	a or spot network. visions of IEEE 1547, "Standard for er Systems". on its own system to accommodate
the net	metering generator.	CI
Customer Interconne to whethe informatior and subm Approval is	desiring a Level 1 interconriection shall subn ction and Net Metering." Company shall notify Cu r the request is approved or, if denied, the re n is required, the Company will notify Customer, ission of the information shall not be counted s contingent upon an initial inspection and witness	nit a "LEVEL 1 - Application for ustomer within 20 business days as eason(s) for denial. If additional and the time between notification towards the 20 business days. test at the discretion of Company.
Level 2 – A equipment not	Level 2 installation is defined as generator that certified as meeting the requirements of Underv	t is not inverter-based; that uses
Level 2 Applic	ation will be approved if the generating facilit requirements. Those requirements are availab	where a wark some score and
upon request.		EXECUTIVE DIRECTOR
e of Issue: A	ugust 6, 2010	Bunt Kirtley
ued By: Lonni	e E. Bellar, Vice President, State Regulation a	d Rates, Louisville, Kentucky 8/1/2010
Kom	VEDella	PURSUANT TO BUT MAR 5:011 SECTION 9 (1)

Louisville Gas and Electric Company

indard Rate Rider	NMS
	Net Metering Service
	LEVEL 1
opplication for Interconnection and	Net Metering
se this application form only for a generating fac neet the requirements of UL 1741.	cility that is inverter based and certified by a nationally recognized testing laboratory to
Submit this Application to:	
Louisville Gas and P. O.	Electric Company, Attn: Customer Commitment, . Box 32010, Louisville, KY 40232
f you have questions regarding this	Application or its status, contact LG&E at:
502-627-220	02 or customer.commitment@eon-us.com
Customer Name:	Account Number:
Customer Address:	
Customer Phone No.:	Customer E-mail Address:
Project Contact Person:	
Phone No	E-mail Address (Ontional);
Energy Source:SolarWin	ndHydroBiogasBiomass CI(())
Energy Source:SolarWin nverter Manufacturer and Model #: nverter Power Rating:	ndBiogasBiomass C [[[]]]
Energy Source:SolarWin nverter Manufacturer and Model #: nverter Power Rating: ower Rating of Energy Source (i.e., solar p	ndHydroBiogasBiomass C ((()) C Inverter Voltage Rating: panels, wind turbine):
Energy Source:SolarWin nverter Manufacturer and Model #: nverter Power Rating: Power Rating of Energy Source (i.e., solar p s Battery Storage Used:No	ndHydroBiogasBiomass C[()) [C Inverter Voltage Rating: panels, wind turbine): Yes If Yes, Battery Power Rating:
Energy Source:SolarWin nverter Manufacturer and Model #: nverter Power Rating: Power Rating of Energy Source (i.e., solar p s Battery Storage Used:No Attach documentation showing that inverted equirements of UL 1741.	ndHydroBiogasBiomass C() (Inverter Voltage Rating: panels, wind turbine): Yes If Yes, Battery Power Rating: ter is certified by a nationally recognized testing laboratory to meet the
Energy Source:SolarWin nverter Manufacturer and Model #: nverter Power Rating: Power Rating of Energy Source (i.e., solar p s Battery Storage Used:No Attach documentation showing that inverted attach documentation showing that inverted Attach site drawing or sketch showing locations witch) and inverter.	Inverter Voltage Rating:
Energy Source:SolarWin nverter Manufacturer and Model #: nverter Power Rating: Power Rating of Energy Source (i.e., solar p s Battery Storage Used:No Attach documentation showing that invert equirements of UL 1741. Attach site drawing or sketch showing location switch) and inverter. Attach single line drawing showing all ele ncluding switches, fuses, breakers, panels	hdHydroBiogasBiomass CC Inverter Voltage Rating: banels, wind turbine): Yes If Yes, Battery Power Rating: ter is certified by a nationally recognized testing laboratory to meet the ion of Utility's meter, energy source, (optional: Utility accessible disconnect ectrical equipment from the Utility is metering location KdE Nie Labergy source s, transformers, inverters, energy
Energy Source:SolarWin nverter Manufacturer and Model #: nverter Power Rating: Power Rating of Energy Source (i.e., solar p s Battery Storage Used:No Attach documentation showing that inverted equirements of UL 1741. Attach site drawing or sketch showing locations witch) and inverter. Attach single line drawing showing all ele ncluding switches, fuses, breakers, panels ransformer connections.	hdHydroBiogasBiomass CC Inverter Voltage Rating: banels, wind turbine): yes If Yes, Battery Power Rating: ter is certified by a nationally recognized testing laboratory to meet the ion of Utility's meter, energy source, (optional: Utility accessible disconnect ectrical equipment from the Utility is metering location Kie Nie Weiker Genergy Source s, transformers, inverters, energy EEF R. DEROUEN EXECUTIVE DIRECTOR
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Energy Source:SolarWin nverter Manufacturer and Model #: nverter Power Rating: Power Rating of Energy Source (i.e., solar p s Battery Storage Used:No Attach documentation showing that inverted equirements of UL 1741. Attach site drawing or sketch showing locations switch) and inverter. Attach single line drawing showing all ele ncluding switches, fuses, breakers, panels ransformer connections. Expected Start-up Date:	hdHydroBiogasBiomass C Inverter Voltage Rating: banels, wind turbine): Yes If Yes, Battery Power Rating: ter is certified by a nationally recognized testing laboratory to meet the son of Utility's meter, energy source, (optional: Utility accessible disconnect bectrical equipment from the Utility's metering location KENE UARY source s, transformers, inverters, energy DEFF R. DEROUEN EXECUTIVE DIRECTOR TARIFF BRANCH
Energy Source:SolarWin nverter Manufacturer and Model #: nverter Power Rating: Power Rating of Energy Source (i.e., solar p s Battery Storage Used:No Attach documentation showing that inverted equirements of UL 1741. Attach site drawing or sketch showing locations witch) and inverter. Attach single line drawing showing all ele ncluding switches, fuses, breakers, panels ransformer connections. Expected Start-up Date: of Issue: August 6, 2010 Effective: August 17, 2009	hdBiogasBiomass C Inverter Voltage Rating: banels, wind turbine): yes If Yes, Battery Power Rating: ter is certified by a nationally recognized testing laboratory to meet the son of Utility's meter, energy source, (optional: Utility accessible disconnect ectrical equipment from the Utility s metering location KENT 4604Gy source s, transformers, inverters, energy DEFF R. DEROUEN EXECUTIVE DIRECTOR TARIFF BRANCH
Energy Source:SolarWin nverter Manufacturer and Model #: nverter Power Rating: Power Rating of Energy Source (i.e., solar p s Battery Storage Used:No Attach documentation showing that inverted equirements of UL 1741. Attach single line drawing showing locations <i>switch</i>) and inverter. Attach single line drawing showing all ele ncluding switches, fuses, breakers, panels ransformer connections. Expected Start-up Date: of Issue: August 6, 2010 Effective: August 17, 2009 ed By: Lonnie E. Bellar, Vice Press	hdHydroBiogasBiomass C_IIIII Inverter Voltage Rating: panels, wind turbine): Yes If Yes, Battery Power Rating: ter is certified by a nationally recognized testing laboratory to meet the ion of Utility's meter, energy source, (optional: Utility accessible disconnect ectrical equipment from the Utility s metering location KENE LADEGY source s, transformers, inverters, energy sourcePMELADESERTIMEER CHINALISESIC

Louisville Gas and Electric Company

Not Ma	tering Service
Net Me	wing withe
<u>L</u>	EVEL 2
Application for Interconnection and Net Meterin	a
Use this application form when a generating facility is not inverte to meet the requirements of UL 1741 or does not meet any of the	er-based or is not certified by a nationally recognized testing laboratory e additional conditions under Level 1.
Submit this Application, along with an application	on fee of \$100, to:
Louisville Gas and Electric C P. O. Box 32010	Company, Attn: Customer Commitment, D, Louisville, KY 40232
If you have questions regarding this Application	or its status, contact LG&E at:
502-627-2202 or custor	mer.commitment@eon-us.com
Customer Name:	Account Number:
Customer Address:	
Project Contact Person:	
Phone No.: E-mail A	Address (Optional):
Provide names and contact information for other contracto	ors, installers, or engineering firms involved in the design and
Type of Generator:Inverter-BasedSynchro	
Power Source:SolarWindH	ydroBiogasBiomass
Adequate documentation and information must be submitted v include the following:	with this application to be considered complete. Typically this should
 Single-line diagram of the customer's system sh interconnection with the Utility's distribution system 	owing all electrical equipment from the generator to the point of
fuses, voltage transformers, current transformers, wir	n, including generators, transformers, switchgear, switches, breakers, e sizes, equipment ratings, and transformer connections.
 fuses, voltage transformers, current transformers, wir Control drawings for relays and breakers. Site Plans showing the physical location of major equ 	 including generators, transformers, switchgear, switches, breakers, e sizes, equipment ratings, and transformer connections.
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P.S.C. Electric No. 8, Original Sheet No. 57.6