

PP&L Competitive Metering Specifications Rider**Definition and Terms for Advanced Meters and Advanced Meter Services**

1. Advanced meters must meet all applicable Pennsylvania Public Utility Commission (“Commission”) and ANSI standards and the Company’s applicable standards and codes for providing metering, metering devices and metering services contained in the Company’s Tariff.
2. PP&L Electric has the right of physical access to all metering and associated equipment for operational and emergency response purposes.
3. Advanced Meter Services can be defined and divided into two components:
 - a) the installation, removal, and maintenance of the physical meter required on a premise to measure the required variables.
 - b) reading the meter and validating the raw meter outputs and applying, editing, and estimating rules, adding corollary information needed to characterize the customer, and making requested customer information available to authorized parties.
4. In accordance with the “Joint Petition for Full Settlement of PP&L Electric Restructuring Plan and Related Court Proceedings” approved by the Commission on August 27, 1998 at Docket No. R-00973954, effective January 1, 1999, a Commission-licensed EGS may provide, finance, own, calibrate and remotely read advanced meters for service to residential customers located in PPL Electric service territory subject to the ability of the EGS to comply with these Competitive Metering Specifications. An EGS shall not install, initially test or maintain advanced meters for service to residential customers located in PP&L Electric service territory prior to January 1, 2003. Prior to January 1, 2003, all advanced meters for residential customers shall be installed, initially tested and maintained by PP&L Electric employees.
5. An EGS may request that the PUC allow that EGS to provide Advanced Meters and Advanced Meter Services in the licensing process.
 - a) An EGS that is currently licensed with the PUC and proposes to offer Advanced Meters and Advanced Meter Services shall file an amendment to its license to allow it to offer such services.
 - b) An EGS must submit to the PUC proof of its technical fitness to warrant expansion of its license to allow it to offer Advanced Meters and Advanced Meter Services. Such fitness standards will include, but will not be limited to, the ability of the EGS and/or its certified subcontractor to adhere to the same metering safety and installation standards and practices imposed upon PPL Electric.
 - c) and the technical ability to transfer data and information according to prescribed standards.
 - d) A licensed EGS and the Company who currently provide advanced metering in the Commonwealth or elsewhere will be presumed to be technically fit to provide advanced metering in Pennsylvania and shall file the appropriate documents with the Commission.
6. **List of “Grandfathered” Advanced Meters**

Pursuant to a Commission Secretarial Letter, dated May 13, 1999, at Docket M-00991233, a listing of “Grandfathered” Advanced Meters applicable to the PPL Electric service area is provided on Attachment D.

The Advanced Meter Standards report provides that devices and systems currently in use by any Pennsylvania EDC will continue to be valid for the length of their commercial life, assuming they generate the billing parameters required by the marketplace in a timely and appropriate fashion.

Attachment D
LISTING OF "GRANDFATHERED" ADVANCED METERS

ITEM NO.	NAME	MANUFACTURER	MODEL NUMBER	ADVANCED CAPABILITIES										CUSTOMER CLASS				
				LOAD PROFILE	REMOTE COMMUNICATION	PULSE OUTPUT	PASSWORD PROTECTION	BI-DIRECTIONAL/ L-Limited	MULTIPLE CALLOUT	OUTAGE NOTIFICATION	POWER QUALITY/ L-Limited	LOSS COMPENSATION	REACTIVE	RESIDENTIAL	COMMERCIAL	INDUSTRIAL		
	(S) = Stocked Meter																	
1	Alpha/Alpha Power Plus (S)	ABB	A1 Series	X	X	X	X		X	X	X		X	X	X	X	X	X
2	KV	General Electric		X	X	X	X	L	X	X	L		X		X	X	X	X
3	KVs	General Electric		X	X	X	X		X					X		X	X	X
4	Phase3	General Electric	EV	X	X	X	X	L	X				X		X	X	X	X
5	8500 ION	Power Measurement Ltd.	8500 ION	X	X	X	X	X	X	X	X	X	X	X		X	X	X
6	Centron	Schlumberger	C-1SL	X	X	X	X	L	X					X	X		X	X
7	Quantum 100 Series (S)	Schlumberger	Q-111	X	X	X	X	X	X				X	X		X	X	X
8	Quantum 1000 Series	Schlumberger	Q-1000	X	X	X	X	X	X	X	X	X	X	X		X	X	X
9	Vectron	Schlumberger	SVX	X	X	X	X		X				X		X	X	X	X
10	Altimus	Siemens PT&D		X	X	X	X	L	X				X	X	X		X	X
11	MaxSys	Siemens PT&D	2510/2410	X	X	X	X	X	X	X			X		X		X	X
12	Quad4 Plus	Siemens PT&D		X	X	X	X	X	X	X	X	X	X	X		X	X	X
13	S4 (S)	Siemens PT&D	AXR/RXR	X	X	X	X		X		L		X		X		X	X
14	Mark V	Trans Data Inc.		X	X	X	X	X	X	X	X	X	X		X		X	X
15	Demand Monitor	Rochester Instrument	DM-10	X	X											X	X	X