



COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA PUBLIC UTILITY COMMISSION
P.O. BOX 3265, HARRISBURG, PA 17105-3265

JULY 16, 1999

**Re: Approval of Electric Distribution Company "Grandfathered" Advanced Meter
Tariff Supplement Filings and Advanced Meter Catalog
Docket No. M-00991233 (Attachment 1-Advanced Meter Catalog)**

**To: All Jurisdictional Electric Distribution Companies (EDCs),
All Licensed Electric Generation Suppliers (EGSs) and
Metering Working Group Members**

The Public Utility Commission (Commission) hereby approves the jurisdictional Electric Distribution Company (EDC) "Grandfathered" Advanced Meter Tariff Supplement Filings and directs inclusion of the devices previously approved and contained in Attachment 1 into the Advanced Meter Catalog (Catalog).¹ These Tariff Supplement Filings: (1) add certain clarifying language to existing EDC Electric Service Tariffs and/or Supplier Tariffs addressing "grandfathered" devices and other related areas as deemed necessary by the respective EDCs; and (2) list or reference the "grandfathered" devices contained in Attachment 1 hereto as eligible for deployment in the respective EDC Service Territories upon Commission approval and inclusion in the Catalog.

On October 16, 1998 the Commission approved a revised final rulemaking order on Advanced Meter Deployment for Electricity Providers at Docket No. L-00970128 52 Pa Code §§57.251-57.259. The final regulations were published in the *Pennsylvania Bulletin* and became effective on December 26, 1998 at 28 Pa.B. 6302. Pursuant to 52 Pa Code §57.254 (relating to advanced meter standards) an advanced meter, meter-related device and/or network must meet the standards periodically adopted by the Commission after consideration of the recommendations of the Metering Committee.

On March 31, 1999 the Commission adopted a Final Order at Docket No. M-00991219 which approved the Metering Committee **Advanced Meter Standards Report** required pursuant to 52 Pa Code §57.254(b). This Final Order was

¹ These Tariff Supplement Filings were submitted by the following EDCs pursuant to the May 13, 1999 Secretarial Letter at Docket No. M-00991233: **(A) EDCs Using a Competitive Advanced Metering Market-** (1) Allegheny Power; (2) GPU Energy; (3) PECO Energy Company; and (4) Pennsylvania Power and Light; **(B) EDCs Using a Non-Competitive Advanced Metering Market-** (1) Citizen's Electric Company; (2) Duquesne Light Company; (3) Penn Power; (4) UGI Utilities; and (4) Wellsboro Electric Company.

The Commission notes for clarity that Pike County Light and Power Company is a jurisdictional EDC and does not have any advanced meters, meter-related devices and/or networks currently in use which require inclusion in the "Grandfathered" Advanced Meter Catalog.

published in the *Pennsylvania Bulletin* and became effective on April 17, 1999 at 29 Pa. B 2112. Section I, Footnote 4 of the **Advanced Meter Standards Report** provides that:

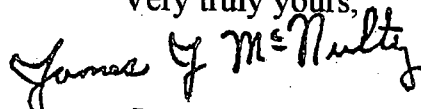
“devices and systems currently in use by any Pennsylvania utility (EDC) will continue to be valid for the length of their commercial life, assuming they generate the billing parameters required by the marketplace in a timely and appropriate fashion. Nothing in these standards is to be construed so as to obviate the use or procurement of existing devices and systems in the future or to create a ‘technically’ stranded asset”.

On April 1, 1999 the Commission issued a Secretarial Letter approving the Metering Committee **Reference Manual** at Docket No. M-00991233. Pursuant to the **Reference Manual**, jurisdictional EDCs were required to submit a filing with the Commission listing “grandfathered” advanced meters, meter-related devices and/or networks which are currently in use for inclusion in the Catalog. In compliance with this requirement, the EDCs submitted a filing to the Commission and certified that the information provided therein is true and accurate.

On May 13, 1999, the Commission issued a Secretarial Letter at Docket No. M-00991233 which approved the listing of “grandfathered” advanced meters, meter-related devices and/or networks submitted by the EDCs. In compliance with applicable **Reference Manual** provisions, the Secretarial Letter also directed the EDCs to prepare and submit to the Commission a Tariff Filing regarding these “grandfathered” devices. As a result of this directive, the EDCs have submitted to the Commission the requested Tariff Supplement Filings.

After review, the Commission concludes that the Tariff Supplement Filings submitted by the EDCs: (1) conform with applicable **Reference Manual** provisions; (2) add certain clarifying language to existing EDC Tariffs and/or Supplier Tariffs addressing “grandfathered” devices and related areas as deemed necessary by the respective EDCs; and (3) list or reference the devices contained in Attachment 1 hereto as eligible for deployment in the respective EDC Service Territories upon Commission approval and inclusion in the Catalog. Since this information complies with the directive of the May 13, 1999 Secretarial Letter, the Commission therefore approves the submitted Tariff Supplement Filings and directs that the devices previously approved and listed in Attachment 1 be incorporated into the Catalog and designated eligible for deployment in the respective EDC Service Territories.

Very truly yours,



James J. McNulty
Secretary

Attachment

ATTACHMENT 1

PENNSYLVANIA PUBLIC UTILITY COMMISSION

ADVANCED METER CATALOG

**"GRANDFATHERED" ADVANCED METERS, METER-RELATED
DEVICES AND/OR NETWORKS**

**APPROVED
MAY 13, 1999**

TARIFF SUPPLEMENTS

**APPROVED
JULY 15, 1999**

ELIGIBLE FOR DEPLOYMENT

JULY 15, 1999

IN

THE FOLLOWING

JURISDICTIONAL ELECTRIC DISTRIBUTION COMPANIES (EDCs):

(A) EDCs Using a Competitive Advanced Metering Market-

- (1) Allegheny Power System (APS);**
- (2) GPU Energy (GPU);**
- (3) PECO Energy Company (PECO); and**
- (4) Pennsylvania Power and Light Company (PP&L)**

(B) EDCs Using a Non-Competitive Advanced Metering Market-

- (1) Citizen's Electric Company (Citizen's);**
- (2) Duquesne Light Company (Duquesne);**
- (3) Pennsylvania Power Company (PennPower);**
- (4) UGI Utilities (UGI); and**
- (5) Wellsboro Electric Company.**

ITEM NO.	NAME	MANUFACTURER	MODEL NUMBER	ADVANCED CAPABILITIES										CUSTOMER CLASS				
				LOAD PROFILE	REMOTE COMMUNICATIO	PULSE OUTPUT	PASSWORD PROTECTION	BI-DIRECTIONAL	MULTIPLE CALLOUT	OUTAGE NOTIFICATION	POWER QUALITY	REACTIVE	LOSS COMPENSATION	RESIDENTIAL	COMMERCIAL	INDUSTRIAL		
1	Fulcrum	Schlumberger	SMxxx	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	Vectron	Schlumberger	SVxxx	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	Quantum	Schlumberger	ST-Q11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	Centron	Schlumberger	C1x	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	Solid State Recorder	Datastar	DS-101	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
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GENERAL COMMENTS

1. Additional charges for services related to advanced capabilities may be charged to customers as appropriate.
2. Advanced Metering Inquiries should be made to Supplier Interface Hotline, 304-367-3113.

ADVANCED METER CATALOG "GRANDFATHERED" Eligible for Deployment July 15, 1999

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/L=limited	POWER QUALITY/L=limited	REACTIVE	LOSS COMPENSATION	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	
1	KV	General Electric	KV	X	X	X	X	L	L	L	L	L	L	X			
2	KV	General Electric	KV	X	X	X	X	L	L	L	L	L	L	X	X	X	
3	Quad4	Siemens	Quad4Plus	X	X	X	X	X	X	X	X	L	L	X	X	X	
4																	
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GENERAL COMMENTS

1. Additional charges for services related to advanced capabilities may be charged to customers as appropriate.
2. Contact number for Meter Service questions - MDM Coordinator

GPU Energy
 P.O. Box 15152
 Reading, Pa. 19612-5152
 phone (610)-375-5370
 fax (610)-396-8575
 email GPU_MDM@gpu.com

ADVANCED METER CATALOG "GRANDFATHERED" Eligible for Deployment July 15, 1999

ITEM NO.	NAME	MANUFACTURER	MODEL NUMBER	ADVANCED CAPABILITIES										CUSTOMER CLASS				
				LOAD PROFILE	REMOTE COMMUNICATION	PULSE OUTPUT	PASSWORD PROTECTION	BI-DIRECTIONAL/Limited	MULTIPLE CALLOUT	OUTAGE NOTIFICATION	POWER QUALITY/Limited	REACTIVE	LOSS COMPENSATION	RESIDENTIAL	COMMERCIAL	INDUSTRIAL		
1	Alpha	ABB	A1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	Quad4	Siemens	Q4N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	KV	General Electric	KV	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	SSM4	Siemens	S-4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	Altimus	Siemens	Altimus	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	Centron	Schlumberger	Centron	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	Vectron	Schlumberger	Vectron	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	Mark V	Trans Data	Mark V	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	JEM-10	RI/Scientific Columbus	JEM-10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	Socket ION	ABB/PML	8500 ION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	Electromechanical*	General Electric	VRM68A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	Electromechanical*	General Electric	I-70	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	Electromechanical*	ABB	AB1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	Electromechanical*	Siemens	MX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	Electromechanical*	Schlumberger	J5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	MIU*	Teldata	AC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	Demand Monitor	RI/Scientific Columbus	DM-10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
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GENERAL COMMENTS

1. Additional charges for services related to advanced capabilities may be charged to customers as appropriate.
2. If you have questions on meters listed above, call - (800) 494-4000.
3. * The electromechanical meters and the MIU together make up an Advanced Meter system.

ADVANCED METER CATALOG "GRANDFATHERED" Eligible for Deployment July 15, 1999

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		
1	Alpha/Alpha Power Plus (S)	ABB	A1 Series	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	kV	General Electric		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	kVs	General Electric		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	Phase3	General Electric	EV	X	X	X	X	X	X	X	X	X	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	X
6	Centron	Schlumberger	C-1SL	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	Quantum 100 Series (S)	Schlumberger	Q-111	X	X	X	X	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	X
9	Vectron	Schlumberger	SVX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	Allimus	Siemens PT&D		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	MaxSys	Siemens PT&D	2510/2410	X	X	X	X	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	X
13	S4 (S)	Siemens PT&D	AXR/RXR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	Mark V	Trans Data Inc.		X	X	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	X	X	X	X	X	X	X	X	X	X
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GENERAL COMMENTS

1. Additional charges for services related to advanced capabilities may be charged to customers as appropriate.
2. Contact number for Meter Service questions - (888) 220-9991
3. Stocked meters can be installed within 20 working days of authorized request, availability of other meters may vary with type and manufacturer.

ADVANCED METER CATALOG

ITEM NO.	NAME	MANUFACTURER	MODEL NUMBER	ADVANCED CAPABILITIES										CUSTOMER CLASS			INCREMENTAL COST
				LOAD PROFILE	REMOTE COMMUNICATIO	PULSE OUTPUT	PASSWORD PROTECTION	BI-DIRECTIONAL	MULTIPLE CALLOUT	OUTAGE NOTIFICATION	POWER QUALITY (limited)	REACTIVE	LOSS COMPENSATION	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	
1	Alpha	ABB	A1T-L	X	X	X	X		X					X			FORM 02 #2(c)(iii)
2	Alpha	ABB	A1T-I	X	X	X	X		X						X		\$743
3	S4	Siemens	RXRS4	X	X	X	X		X		L	X			X		\$398
4				X	X	X	X		X						X		\$978
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GENERAL COMMENTS

1. Additional charges for services related to advanced capabilities may be charged to customers as appropriate.
2. Contact number for Meter Service questions - (570) 522-6143
3. Installation of advanced meter may require associated metering equipment upgrade at an additional cost to the customer.

ADVANCED METER CATALOG "GRANDFATHERED" Eligible for Deployment July 15, 1999

ITEM NO.	NAME	MANUFACTURER	MODEL NUMBER	ADVANCED CAPABILITIES										CUSTOMER CLASS	INCREMENTAL COST		
				LOAD PROFILE	REMOTE COMMUNICATION	PULSE OUTPUT	PASSWORD PROTECTION	BI-DIRECTIONAL	MULTIPLE CALLOUT	OUTAGE NOTIFICATION	POWER QUALITY	REACTIVE	LOSS COMPENSATION	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	
1	ITRON ERT EQUIPPED	ABB	AB1R	X	X									X			0
2	ITRON ERT EQUIPPED	ABB	ABS5UR	X	X									X			0
3	ITRON ERT EQUIPPED	GENERAL ELECTRIC	170S	X	X									X			0
4	ITRON ERT EQUIPPED	SCHLUMBERGER	.J5S	X	X									X			0
5	DCI SENTRY EQUIPPED	ABB	AB1R	X	X									X			0
6	DCI SENTRY EQUIPPED	ABB	ABS5UR	X	X									X			0
7	ALPHA POWERPLUS	ABB	ALPHA POWERPLUS	X	X	X	X	X	X	X	X	X		*	*		\$586 *
8	ALPHA POWERPLUS	ABB	ALPHA POWERPLUS	X	X	X	X	X	X	X	X	X			X	X	0
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GENERAL COMMENTS

1. Additional charges for services related to advanced capabilities may be charged to customers as appropriate.
2. Contact number for Meter Service questions - (412) 393-6169 (Duquesne Light Supplier Service Center)
3. As indicated in the above table, Duquesne Light has adopted a program which provides all customers with an advanced meter. This advanced meter will be used to provide normal monthly billing service at no additional cost to customers. However, as stated in comment #1 above, additional charges for services related to advanced capabilities may be charged to customers as appropriate.
- * 4. For residential and small commercial customers, incremental costs apply for an upgrade to the more advanced Alpha Powerplus meter. Additional charges will apply if a dedicated phone line is not provided by the customer.
5. All Alpha Powerplus meters are provided with a standard internal telephone modem. Additional charges for optional communication interfaces may be charged to customers as appropriate.

ADVANCED METER CATALOG "GRANDFATHERED" Eligible for Deployment July 15, 1999

ITEM NO.	NAME	MANUFACTURER	MODEL NUMBER	CAPABILITIES										CUST CLASS	STANDARD METER	INCREMENTAL COST
				LOAD PROFILE	REMOTE COMMUNICATION	PULSE OUTPUT	PASSWORD PROTECTION	BIDIRECTIONAL	MULTIPLE CALOUT	OUTAGE NOTIFICATION	POWER QUALITY	REACTIVE	LOSS COMPENSATION			
1	ALPHA/ALPHA POWER +	ABB	A1L+	X	X	X	X	X	X	X	X	X	X	R	KWH(1 PH SC) KW(1 PH SC) KV(3 PH SC) KW(3 PH IT) KVA(3 PH SC & IT)	\$607.00 \$505.00 \$512.00 \$527.00 \$527.00
2	ALPHA/ALPHA POWER +	ABB	A1L+	X	X	X	X	X	X	X	X	X	R	KWH(1 PH SC) KW(1 PH SC) KV(3 PH SC) KW(3 PH IT) KVA(3 PH SC & IT)	\$782.00 \$690.00 \$687.00 \$702.00 \$502.00	
3	QUANTUM	Schubert	ST011	X	X	X	X	X	X	X	X	X	R	KWH(1 PH SC) KW(1 PH SC) KV(3 PH SC) KW(3 PH IT) KVA(3 PH SC & IT)	N/A N/A N/A \$2,826.00 \$2,626.00	
4	S4	Siemens	AXR	X	X	X	X	X	X	X	X	X	R	RWH(1 PH SC) KW(1 PH SC) KV(3 PH SC) KW(3 PH IT) KVA(3 PH SC & IT)	N/A N/A \$595.00 \$582.00 \$392.00	
5	S4	Siemens	RXR	X	X	X	X	X	X	X	X	X	R	RWH(1 PH SC) KW(1 PH SC) KV(3 PH SC) KW(3 PH IT) KVA(3 PH SC & IT)	N/A N/A \$918.00 \$878.00 \$878.00	
6	DX	Siemens	D08MS	X	X	X	X	X	X	X	X	X	R	RWH(1 PH SC) KW(1 PH SC) KV(3 PH SC) KW(3 PH IT) KVA(3 PH SC & IT)	\$655.00 \$553.00 N/A N/A N/A	
7	Quad Four Plus	Siemens	Q4N	X	X	X	X	X	X	X	X	X	R	RWH(1 PH SC) KW(1 PH SC) KV(3 PH SC) KW(3 PH IT) KVA(3 PH SC & IT)	N/A N/A N/A \$1,490.00 \$1,290.00	
8	MarkV	Transdata	EM580	X	X	X	X	X	X	X	X	X	R	RWH(1 PH SC) KW(1 PH SC) KV(3 PH SC) KW(3 PH IT) KVA(3 PH SC & IT)	N/A N/A N/A \$1,495.00 \$1,295.00	

GENERAL COMMENTS
 1. Additional charges for services related to advanced capabilities may be charged to customers as appropriate.
 2. Contact number for Meter Service questions - 1-800-720-3800

ADVANCED METER CATALOG "GRANDFATHERED"

Eligible for Deployment July 15, 1999

ITEM NO.	NAME	MANUFACTURER	MODEL NUMBER	ADVANCED CAPABILITIES											CUSTOMER CLASS			INCREMENTAL COST
				LOAD PROFILE	REMOTE COMMUNICATIO	PULSE OUTPUT	PASSWORD PROTECTION	BIDIRECTIONAL	MULTIPLE CALLOUT	OUTAGE NOTIFICATION	POWER QUALITY	LOSS COMPENSATION	REACTIVE	RESIDENTIAL	COMMERCIAL	INDUSTRIAL		
1	ALPHA FORM 2S	ABB	A1T-L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$359.75
2	ALPHA FORM 2S	ABB	A1T-L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$477.24
3	ALPHA FORM 2S	ABB	A1T-L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$260.75
4	ALPHA FORM 2S	ABB	A1T-L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$378.24
5	ALPHA FORM 12S	ABB	A1T-L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$260.75
6	ALPHA FORM 12S	ABB	A1T-L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$378.24
7	ALPHA FORM 16S,36S,9S	ABB	A1T-L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$260.75
8	ALPHA FORM 16S,36S,9S	ABB	A1T-L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$378.24
9	KV FORM 2S,3S	GE	KV	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$389.85
10	KV FORM 2S,3S	GE	KV	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$501.44
11	KV FORM 16S,45S,9S	GE	KV	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$389.85
12	KV FORM 16S,45S,9S	GE	KV	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$501.44
13	SOLID STATE RECORDER	SIEMANS/L&G	DG-100	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$540.48
14	SOLID STATE RECORDER	SIEMANS/L&G	DG-100	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$698.31
15	ERT MODULE	ITRON	40 ER-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	\$61.54
16																		
17																		
18																		
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GENERAL COMMENTS

1. Additional charges for services related to advanced capabilities may be charged to customers as appropriate.
2. If you have any questions on meters listed above, call - (570) 830-1282

"GRANDFATHERED" Eligible for Deployment July 15, 1999

ADVANCED METER CATALOG

ITEM NO.	NAME	MANUFACTURER	MODEL NUMBER	CAPABILITIES									CUST CLASS	STANDARD METER	INCREMENTAL COST		
				LOAD PROFILE	REMOTE COMMUNICATIO	PULSE OUTPUT	PASSWORD PROTECTION	BI-DIRECTIONAL	MULTIPLE CALLOUT	OUTAGE NOTIFICATION	POWER QUALITY	REACTIVE				LOSS COMPENSATION	
1	Vectron	Schlumberger	SV	X	X	X	X	X	X	X	X	X	X	C,I	3 PH (SC & IT)	\$1,020.00	FORM 02 #2(G)(III)
2	DCI Sentry	General Electric	I-70-S	X	X	X	X	X	X	X	X	X	X	R	KW (1 PH SC)	\$139.00	
3	ITRON ERT	General Electric	I-70-S	X	X	X	X	X	X	X	X	X	X	R	KW (1 PH SC)	\$94.00	

GENERAL COMMENTS

1. Additional charges for services related to advanced capabilities may be charged to customers as appropriate.
2. Contact Name & Number for Meter service questions- Robert S. McCarthy 570-724-3516

V. METERING WORKING GROUP & *METERING COMMITTEE

ELECTRIC DISTRIBUTION COMPANIES

ALLEGHENY POWER

* Thomas L. Dugan

Allegheny Power
South Seventh Street
Connellsville, PA 15425

Phone: (724) 626-5250
Fax: (724) 626-5290
E-Mail: tdugan1@alleghenypower.com

** Damian S. Wess

Allegheny Power
S. Seventh Street
Connellsville, Pa. 15425

Phone: (724) 626-5220
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