



Appendix C

Based on UIG Version 4010

Seg. ID	Ele. Seq.	Ele. ID	Segment/Element Name	Description	Data Spec.	Max. Length	Type
ISA							
	01	744	Interchange Control Header				
			Authorization Info. Qualifier		00	2	ID
	02	745	Authorization Info.		Blank	10	AN
	03	746	Security Info. Qualifier		00	2	ID
	04	747	Security Info.		Blank	10	AN
	05	704	Interchange ID Qualifier	Duns + 4	'16'	2	ID
	06	705	Interchange Sender ID	0079414460008 – Prod. 0079414460005 – Test		15	AN
	07	704	Interchange ID Qualifier			2	ID
	08	706	Interchange Receiver ID			15	AN
	09	373	Date Sent		YYMMDD	6	DT
	10	337	Time Sent	Based on Military Time	XXXX	4	TM
	11	726	Interchange Standard ID		'U'	1	ID
	12	703	Interchange Version ID		'00401'	5	ID
	13	709	Interchange Control #	Unique # to Identify File		9	NO
	14	749	Acknowledge Requested	EDI997 Transaction Set	'0'	1	ID
	15	748	Test Indicator	Production or Test	'P' or 'T'	1	ID
	16	701	Sublement Separator	Colon	':'	1	
IEA							
	01	405	Interchange Control Trailer				
			Number of groups sent			5	NO
	02	709	Interchange Control #	Same As ISA13		9	NO
GS							
			Functional Group Header				
	01	470	Functional ID Code		'IN'	2	ID
	02	142	Application Sender's Code	0079414460008		15	AN
	03	124	Application Receiver Code			15	AN
	04	373	Date		CCYYMMDD	8	DT
	05	337	Time	Based on Military Time	XXXX	8	TM
	06	28	Group Control #	Unique # Identify Trans.Set		9	NO
	07	455	Responsible Agency Code		'X'	2	ID
	08	480	Release Version		'004010'	12	AN
GE							
			Functional Group Trailer				
	01	97	# of 810 Transaction Sets			6	NO
	02	28	Group Control #	Same As GS06		9	NO

End of Envelope Information

Seg. ID	Ele. Seq.	Ele. ID	Segment/Element Name	Description	Data Spec.	Max. Length	Type
ST			Transaction Set Header				
	01	143	Transaction Set Identifier	EDI Transaction	'810'	3	ID
	02	329	Transaction Set Control #			9	AN
BIG			Beginning Invoice				
	01	373	Invoice Date	Bill Date	CCYYMMDD	8	DT
	02	76	Invoice Number	Customer Acct. # + Bill Date		22	AN
	07	640	Transaction Type Code	Original Invoice	'PR'	2	ID
N1			Name				
	01	98	Entity Code	Bill To	'BT'	3	ID
	02	93	Entity Name	Customer Acct. Name		60	AN
	03	66	ID Qualifier	Vendor Assigned	'91'	2	ID
	04	67	ID #	Customer Acct. #		80	AN
N2			Additional Name Information				
	01	93	Name	Additional Name ie. Doing Business As		60	AN
N3			Address Information				
	01	166	Entity Address	Service Address		55	AN
	02	166	Entity Address	Service Address Overflow		55	AN
N4			Geographic Location				
	01	19	City Name			30	AN
	02	156	State or Province Code			2	ID
	03	116	Postal Code			15	ID
N1			Name				
	01	98	Entity Code	Remit To	'RE'	3	ID
	02	93	Entity Name	'Dominion Virginia Power and Dominion North Carolina Power'		60	AN
	03	66	ID Qualifier	Duns + 4	'9'	2	ID
	04	67	ID #	'007914460008'		80	AN
N3			Address Information				
	01	166	Entity Address	'P.O. BOX 26666'		55	AN
N4			Geographic Location				
	01	19	City Name	'Richmond'		30	AN
	02	156	State or Province Code	'VA'		2	ID
	03	116	Postal Code	'232616666'		15	ID
PER			Admin. Communications Contact				
	01	366	Contact Function Code	Customer Relations	'CR'	2	ID
	02	93	Name	'CUSTOMER SERVICE'		60	AN
	03	365	Communication Number Qualifier	Telephone	'TE'	2	ID
	04	364	Communication Number	'N-NNN-NNN-NNNN'		80	AN
N1			Name (Optional)				
	01	98	Entity Code	Customer	'8R'	3	ID
	03	66	ID Qualifier	Customer Assigned	'92'	2	ID
	04	67	ID #	Customer Id # only sent if provided by customer		80	AN
ITD			Terms of Sale				
	06	446	Terms Net Due Date		CCYYMMDD	8	DT
NTE			Note / Special Instruction				
	01	363	Note Reference Code	Add	'ADD'	3	ID
	02	352	Description	Used to convey supplier messages for accounts enrolled with a supplier		80	AN

End of Header

Seg. ID	Ele. Seq.	Ele. ID	Segment/Element Name	Description	Data Spec.	Max. Length	Type
IT1			Baseline Item Data				
	01	350	Assigned Identification	Line Item Counter		20	AN
	06	235	Product/Service ID Qualifier		'SV'	2	ID
	07	234	Product/Service ID	Type of Service	'Electric'	48	AN
PID	060		Product / Item Description	Loop			
	01	349	Item Description Type	Semi-Structured (Code & Text)	'F'	1	ID
	05	352	Description	Usage Description		80	AN
MEA	070		Meter Measurements	Readings			
	01	737	Measurement Reference ID Code	Actual or Estimated Reading	AA, AE, EA, or EE	2	ID
	02	738	Measurement Qualifier	Meter Constant	'MU'	3	ID
	03	739	Composite Unit of Measure	Constant Value		20	R
	04	355	Unit of Basis of Measurement Code	KWHRS or KW	'KH' 'K1' or 'K2'	2	ID
	05	740	Range Minimum	Beginning Meter Reading		20	R
	06	741	Range Maximum	End Reading or Single Reading (i.e. Demand)		20	R
	07	935	Measurement Significance Code	See MEA07 attachment for list of codes		2	ID
MEA	0		Meter Measurements	Usage			
	01	737	Measurement Reference ID Code	Billed Actual	BC	2	ID
	02	738	Measurement Qualifier	Multiplier	'MU'	3	ID
	03	739	Composite Unit of Measure	Constant Value		20	R
	04	355	Unit or Basis of Measurement Code	KWHRS or KW	'KH' 'K1' or 'K2'	2	ID
	05	740	Range Minimum	Not Mapped		20	R
	06	741	Range Maximum	If MEA01 = BC this will represent usage not actual reading		20	R
	07	935	Measurement Significance Code	See MEA07 attachment for list of codes		2	ID
REF			Reference (Meter)				
	01	128	Qualifier	Meter Number	'MG'	3	ID
	02	127	Reference #	8 Digit Meter Number		30	AN
REF			Reference (Meter)				
	01	128	Qualifier	Dominion's Internal Rate Code	'NH'	3	ID
	02	127	Reference #	3 digit numeric code		30	AN
DTM			Date/Time Reference				
	01	374	Date/Time Qualifier	Service Period Start / End	'150' or '151'	3	ID
	05	1250	Format Qualifier		'D8'	3	ID
	06	1251	Date	Meter Read Date	CCYYMMDD	35	AN
SLN			Subline Item Detail				
	01	350	Assigned Identification	Loop Counter		20	AN
	03	662	Relationship Code	Add	'A'	1	ID
SAC			Svc, Promo, Allow, Chg Info	Meter Charges			
	01	248	Allowance / Charge Indicator		'A' or 'C'	1	ID
	03	559	Agency Qualifier Code	Electric Utility	'EU'	2	ID
	04	1301	Svc, Promo, Allow, Chg Code	See UIG List		10	AN
	05	610	Amount	Signed Numeric – Negative if Credit		15	N2
	09	355	Unit or Basis for Meas Code	KWHRS or KW	'KH' 'K1' or 'K2'	2	ID
	10	380	Quantity	Used to represent number of lights only. Data is now signed. SAC09 will always be 'KH.' Detail level SAC10 will not be sent for anything other than light quantity. Positive quantity represents adds; negative quantity represents removals.		15	R
	15	352	Description			80	AN

End of Detail

Seg. ID	Ele. Seq.	Ele. ID	Segment/Element Name	Description	Data Spec.	Max. Length	Type
TDS			Total Monetary Value Summary				
	01	610	Amount	Account Balance		15	N2
TXI			Tax Information				
	01	963	Tax Type Code	Energy Tax	'ET'	2	ID
	02	782	Monetary Amount	Total Tax Billed		18	R
	10	350	Assigned Identification	Name of Taxing Locality		20	AN
TXI			Tax Information				
	01	963	Tax Type Code	Local Tax	'LO'	2	ID
	02	782	Monetary Amount	Total Tax Billed		18	R
	10	350	Assigned Identification	Name of Taxing Locality		20	AN
SAC			Svc, Promo, Allow, Chg Info	Summary Level Changes (Not Meter Specific)			
	01	248	Allowance or Charge Indicator	No Allowance or Charge	'A,' C,' or 'N'	1	ID
	03	559	Agency Qualifier Code	Electric Utility	'EU'	2	ID
	04	1301	Svc, Promo, Allow, Chg Code			10	AN
	05	610	Amount	If SAC01 = 'N,' the amount in the SAC05 should be ignored when summing the invoice total.		15	N2
	08	118	Rate	Late Charge % If Applicable		9	R
	15	352	Description	Free Flow		80	AN
CTT			Transactions Totals				
	01	354	Number of Line Items	Number of IT1 Segments		6	N0
SE			Transaction Set Trailer				
	01	96	Number of Included Segments			10	N0
	02	329	Transaction Set Control #			9	AN

End of Summary