Local Item #	Global Item #	Priority	Type	Document Reference	Description	Suggested Resolution	Submission Date	Date of Last State Change	State	Status	Requestor	Distibutor/ Retailer	Element Name Impacted	Data Dictionary Impacted	IG Impacted	Schema Impacted	Version Number	Resolution	Fixed Element Name	Fixed In DD	Fixed In IG	Fixed in Schema	Version # Fixed
HO-1	001	3-Low	OI	Usage	To facilitate communication with the retailer when various billing scenarios occur, Hydro One is requesting additional values be added to the attribute 'UsagePurpose'. Hydro One would like the following values added: 'Adjustment', 'Final', and 'Rebill'.	Add an optional due date for the invoice to be returned by. Also add an 'AccountFinal' to the list of possible UsagePurpose's. (Include the following as valid values for the attribute 'UsagePurpose': Rebill, Adjustment, Final.--initial proposal) see also #178	2000/10/11	2000/11/21	HLD	PD	Jennifer Pithan	Hydro One	Usage Purpose	Usage	Usage	Usage	0.9.1						
HO-2	002	1-High	OI	Usage	The field 'ZiporPostalCode' for Service Address is listed as a mandatory field. Not all systems will track this as it is a mailing code – most systems store a separate mailing address and therefore have no need to store the service postal code.	All address references will be split into two different types: one type for Service Address and one type for Billing Address. See also #003. (Change this to an optional field on all applicable transactions--original suggestion)	2000/10/09	2000/11/21	PA	PD	Jennifer Pithan	Hydro One	ZipOrPostal Code		Usage	Usage	0.9.1						
TH-12	003	1-High	OI	Usage	Postal Code is not always valid for service address.	It should be made optional. (see also #004) This is a dup of #002.	2000/10/09	2000/11/21	CLS	DUP	J Stewart	Toronto Hydro				Usage	0.9.1						
TH-33	004	2-Med	OI	Usage	As with TH-12, BillingAddress and ServiceAddress are two different types of addresses.	For proper schema error checking (e.g., Postal Code is mandatory on BillingAddress, but optional on ServiceAddress) they should be set up as two different types. This is a duplicate of #002 and #003.	2000/10/09	2000/10/19	CLS	DUP	J Stewart	Toronto Hydro				Historical Usage	0.9.1						
HO-3	005	1-High	OI	Invoice/Payment	To facilitate communication with the retailer when various billing scenarios occur, Hydro One is requesting an additional value be added to the attribute 'BillPurpose'. Hydro One would like the following value added: 'Rebill'.	Include the following as a valid value for the attribute 'BillPurpose': Rebill see also #178	2000/10/09	2000/11/29	CLS	REJ	Jennifer Pithan	Hydro One	BillPurpose	Invoice Customer	Invoice Customer	Invoice Customer	0.9.1	withdrawn by originator					
HO-4	006	1-High	IN	Usage	There are no fields in the existing EBT Usage transactions to pass previous month's usage. Section 11.1 (page 52) of the RSC requires the multiplied kilowatt-hours recorded at the time of the previous meter reading. Previous intent was to have a hub , and it would store this usage data.	There are two possible resolutions: 1) Remove the requirement from the RSC. The retailers have access to historical usage data as well as the previous month's usage transaction if the customer is enrolled with them. 2) Modify the EBT transaction to allow the passing of this data.Option #1 is preferred.	2000/10/09	2000/11/21	CLS	REJ	Jennifer Pithan	Hydro One		Usage	Usage	Usage	0.9.1	Use the Historical Request Transaction, going back one billing period, or use data archived on the Hub.					
HO-5	007	2-Med	OI	Invoice/Payment	The element 'ChargeDescription' is listed as optional in both the Implementation Guide and in the Schema. For a Bill Ready environment, shouldn't the charge description be a mandatory field?	Update the Implementation Guide and Schema to indicate this field is required.	2000/10/09	2000/11/15	PA	PD	Jennifer Pithan	Hydro One	ChargeDescr iption	Invoice Customer	Invoice Customer	Invoice Customer	0.9.1						
HO-6	008	1-High	OI	STR	The Bill Option Change Request allows the retailer to request a specified effective date. Per the RSC, these changes must take place on an actual meter read date. It will be very difficult for a retailer to submit a requested effective date that precisely matches an actual read date. This could result in many rejected Bill Option Change Requests.	Modify the Bill Option Change Request Transaction to reflect the date fields used for Enrollment and Drop Requests. This would include removing the attribute 'RequestedEffectiveDate' and adding the following fields:ReadIndicator (attribute)SpecifiedMeterReadDate (element)FutureCycleMonth (element) Two options were proposed: One to leave in RequestedEffectiveDate and add the SpecifiedMeterReadDate from enrolment. Option two was to remove the RequestedEffectiveDate and add an EffectiveDate with a ReadInficator attribute to show what to do the date.	2000/10/09	2000/11/27	PA	PD	Jennifer Pithan	Hydro One		Change Bill Option Request	Change Bill Option Request	Change Bill Option Request	0.9.1	Create a new structure under Bill Change Request like: => AccountInformation (element) ===>ReadIndicator(attribute of AccountInformation) with valid values of Next, Last or Specified (for offcycle). ===>SpecifiedMeterReadDate (optional element of AccountInformation) this is valid only for cases where the read indicator is specified.					
HO-7	009	1-High	OI	All transactions	It would useful for efficient processing if each EBT transaction contained a 'Transaction Type' field that identified the type of transaction. This would allow our programs to more effectively process the request by looking at a single field rather than interrogating several data values.	Create a data element within each EBT transaction that contains the transaction type. Some example valid values are:Enrollment RequestBill Option Change AcceptDrop AcceptEnrollment Reject	2000/10/09	2000/11/17	CLS	REJ	Jennifer Pithan	Hydro One		All	All	All	0.9.1						

ID	No	Pri	Type	Category	Description	Recommendation	Date	Date	St	Disp	Name	Company	Element	Trans	Trans	Trans	Ver	Resolution	Col1	Col2	Col3
HO-11	010	3-Low	OI	Usage	Both of these documents show the Distribution Loss Factor as an optional element. Section 11.1 (page 52) of the Retail Settlement code (RSC) requires the average DLF for the period be provided with the current usage data. Since DLF is required for both metered and unmetered services, I believe this should be a required element	Make the Distribution Loss Factor field required in the EBT Usage transaction.	2000/10/09	2000/11/21	CLS	REJ	Jennifer Pithan	Hydro One	DistributionLossFactor		Usage	Usage	0.9.1	If the Distribution Loss Factor is consistent across the distributor, it can be reported separately (e.g., on a web site).			
HO-12	011	3-Low	DI	Usage	The attribute 'UsageType' is defined in the data dictionary but is not referenced in the Implementation Guide or the Schema.	Remove 'UsageType' from the Data Dictionary.	2000/10/09	2000/10/19	PI	APV	Jennifer Pithan	Hydro One	UsageType	Usage			0.9.1	Remove 'UsageType' from the Data Dictionary.	UsageType	Usage	
HO-13	012	3-Low	DI	Usage	The attribute 'OldMeterNumber' is listed as an attribute of the element 'OldMeterNumber'. The schema indicates it is actually an attribute of the element 'MeterNumber'. It is documented correctly in the Data Dictionary.	Correct the Implementation Guide.	2000/10/09	2000/10/19	PI	APV	Jennifer Pithan	Hydro One	OldMeterNumber		Usage		0.9.1	Change the IG to reflect the Element "MeterNumber" (see 138)	OldMeterNumber	Usage	
HO-14	013	3-Low	DI	Usage	The attribute 'MeterNumberSwitchDate' is listed as an attribute of the element 'MeterNumberSwitchDate'. The schema indicates it is actually an attribute of the element 'MeterNumber'.	Correct the Implementation Guide.	2000/10/09	2000/10/19	PI	APV	Jennifer Pithan	Hydro One	MeterNumberSwitchDate		Usage		0.9.1	Change the IG to reflect the Element "MeterNumber" (see 138)			
HO-15	014	3-Low	DI	Usage	The attribute 'MeterNumberSwitchDate' is listed in the schema as an attribute of the element 'MeterNumber'. However 'MeterNumberSwitchDate' is not defined in the Data Dictionary.	Add 'MeterNumberSwitchDate' to the Data Dictionary.	2000/10/09	2000/10/19	PI	APV	Jennifer Pithan	Hydro One	MeterNumberSwitchDate	Usage			0.9.1	Add 'MeterNumberSwitchDate' to the Data Dictionary.			
HO-16	015	3-Low	OI	Usage	The attribute 'UnitOfMeasure' is used in three different places in the Usage transaction. The transaction should be modified so that is either used once per service or twice – once for the Metered Usage Detail and once for the Unmetered Usage Detail.	Modify the Usage transaction layout. See #235.	2000/10/09	2000/10/19	UI	PD	Jennifer Pithan	Hydro One	UnitOfMeasure	Usage	Usage	Usage	0.9.1				
HO-17	016	3-Low	DI	STR	The element 'Email' is defined as sixty bytes in the Status Advice documentation and thirty bytes in the Drop Request documentation. The element should be defined the same across transactions.	Modify either the Drop Request or the Status Advice documentation so the data element length is consistent across transactions.	2000/10/09	2000/10/19	PI	APV	Jennifer Pithan	Hydro One	Email	Drop Request Status Advice		Drop Request Status Advice	0.9.1	Change all Documents to reflect Email = 60 Bytes	Email	Drop Request Status Advice	
HO-18	017	3-Low	DI	STR	The schema indicates the attribute 'RequestedEffectiveDate' is an optional field. According to the Implementation Guide, it is a required field.	Modify either the Implementation Guide or the Schema so the description is consistent.	2000/10/09	2000/10/19	PI	APV	Jennifer Pithan	Hydro One	Change Request/RequestedEffectiveDate		Change Consumer Request	Change Consumer Request	0.9.1	Change All IG's to reflect this element to be optional, Also change the DD to to default to today's date	RequestedEffective Date		Change Consumer Request
HO-19	018	3-Low	DI	STR	The attribute 'OriginalTransactionReferenceNumber' is listed as a fifteen byte field in the Meter Response and Change Response Data Dictionaries. In the PIP Transaction Schema, it is listed as a thirty byte field.	Modify either the Data Dictionaries or the Schema so the field length is consistent.	2000/10/09	2000/10/09	PI	APV	Jennifer Pithan	Hydro One	OriginalTransactionReferenceNumber	Meter Response/ Change Response			0.9.1	Change the All effected DD's to 30 byte field.	OriginalTransaction Reference Number	Meter Response/ Change Response	
HO-20	019	3-Low	OI	Meter Request	The Meter Change Transaction contains fields related to unmetered services. We are assuming that modifications to unmetered services must be handled manually due to the complexity of these transactions and therefore will not be communicated through the EBT.	If this is a province-wide assumption, remove the unmetered service information from the Meter Request EBT layout.	2000/10/09	2000/11/27	PA	PD	Jennifer Pithan	Hydro One		Meter Change	Meter Change	Meter Change	0.9.1	This is true for the EBT standards. The unmetered service information may (or may not) be needed to be removed from the Meter Request EBT layout. In any case the EBT Standards document definitely needs to explain this assumption. Check the meter maintenance flow diagrams for details.			
HO-21	020	3-Low	OI	STR	The field 'RequestedEffectiveDate' is passed back in the Meter Reject and Change Reject transactions but not in the Enroll Reject or Drop Reject transactions.	Make the required fields on responses consistent across transactions where applicable.	2000/10/09	2000/11/27	CLS	REJ	Jennifer Pithan	Hydro One	RequestedEffectiveDate	Enroll Reject Drop Reject	Enroll Reject Drop Reject	Enroll Reject Drop Reject	0.9.1	this issue was withdrawn by the requesting party			
HO-22	021	3-Low	DI	STR	The current philosophy on what can be changed in a Change Consumer Transaction is 'anything' that is passed back in an Enrollment response. This is too broad of a statement. The precise fields need to be enumerated.	Enumerate the fields that can be changed via a Change Consumer Transaction.	2000/10/09	2000/11/27	CLS	REJ	Jennifer Pithan	Hydro One		Change Consumer	Change Consumer	Change Consumer	0.9.1	any issues that should not be changed can be denied by the Distributor anyway.			
HO-23	022	3-Low	DI	STR	The elements 'Reason' and 'ReasonText' are listed in the Data Dictionary twice.	The elements 'Reason' and 'ReasonText' are listed in the Data Dictionary twice.	2000/10/09	2000/10/19	PI	APV	Jennifer Pithan	Hydro One	Reason / Reason Text	Drop Request			0.9.1	Remove 'Reason and 'Reason Text' from DD= Drop Request			

ID	#	Pri			Transaction	Description	Resolution	Date1	Date2			Name	Company	Element				Ver	Comment			
HO-024	023	3-Low	DI		Invoice/Payment	The Invoice Consumer Data Dictionary lists the length of the element 'BillingCycle' as thirty bytes. The schema lists its length as three bytes.	Update the Data Dictionary to reflect a length of three bytes.	2000/10/09	2000/10/19	PI	APV	Jennifer Pithan	Hydro One	BillingCycle	Invoice Customer			0.9.1	Change all DD's to reflect Billing Cycle of 3 bytes (See # 30,49,144)	BillingCycle	Invoice Customer /Invoice Trading partner +	
HO-025	024	3-Low	OI	STR		All of the other EBT request transactions include consumer information except for Enroll Request.	Include consumer information on the enroll request transaction.	2000/10/09	2000/11/27	PA	PD	Jennifer Pithan	Hydro One	CustomerInformation	Enroll Request	Enroll Request	Enroll Request	0.9.1	this information is not required at request time. So for consistency, add the customer information from the Drop transaction, but make it optional.			
HO-026	025	3-Low	DI	STR		The element ElementInformation is noted as mandatory in the Implementation Guide, but it is optional in the schema.	Update the Implementation Guides to indicate this is an optional field	2000/10/09	2000/10/19	PI	APV	Jennifer Pithan	Hydro One	ElementInformation	Change Consumer Reject Change Bill Option Reject	Change Consumer Reject Change Bill Option Reject	Change Response	0.9.1	Change "Change Consumer Reject/Change Bill Option Reject" to be Optional (See # 84 and 87)	ElementInformation		Change Consumer Reject/ Change Bill Option Reject
HO-027	026	3-Low	DI		Invoice/Payment	Need naming of field to be consistent in the IG and Schema	Change Schema or IG to proper name and add to DD	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Invoice Trading Partner/Settlement Cross reference Number	Invoice Trading Partner	Invoice Settlement Detail	Invoice Trading Partner	0.9.1	Change element in Invoice Settlement Detail IG from SettlementCrossReferenceNumber to TransactionCrossReferenceNumber (See # 112)	Settlement Cross reference Number		Invoice Settlement Detail
HO-028	027	3-Low	DI		Invoice/Payment	Max / Min discrepancy	Correct Inconsistency	2000/10/11	2000/10/19	CLS	DUP	Darcy Hewgill	Hydro One	Invoice Trading Partner/Customer Information		Invoice Settlement Detail	Invoice Trading Partner	0.9.1	Closed Not an issue			
HO-029	028	3-Low	DI		Invoice/Payment	Max / Min discrepancy	Correct Inconsistency	2000/10/11	2000/10/19	CLS	DUP	Darcy Hewgill	Hydro One	Invoice Trading Partner/Account Information		Invoice Settlement Detail	Invoice Trading Partner	0.9.1	Closed Not an issue			
HO-030	029	3-Low	DI		Invoice/Payment	Partner Type is an Attribute, and the element is NOT Partner Type	Change Element name to partner Account number	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Trading Partner Information/ Partner Type		Invoice Settlement Detail	Invoice Trading Partner	0.9.1	Change "Invoice Settlement Detail" IG to have Attribute " Partner type" an Element of "PartnerAccountNumber" instead of "PartnerType"			Invoice Settlement Detail
HO-031	030	3-Low	DI		Invoice/Payment	Billing Cycle in DD has A/N value of 30, IG has Numeric and the Schema has a field length of 3	Correct Inconsistency	2000/10/11	2000/10/19	CLS	DUP	Darcy Hewgill	Hydro One	Account Information/ Billing Cycle	Invoice Trading Partner	Invoice Settlement Detail and Invoice MP	Invoice Trading Partner	0.9.1	Closed Duplicate (See 23)			
HO-032	031	3-Low	DI		Invoice/Payment	Element Name in IG is Wrong	Element Name should read ValidationInformation	2000/10/11	2000/10/19	CLS	REJ	Darcy Hewgill	Hydro One	Validation Information/ Acount Validator		Invoice Settlement Detail		0.9.1	Closed rejected			
HO-033	032	3-Low	DI		Invoice/Payment	Max / Min discrepancy IG has 0/* and Schema has 0/1	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Invoice Information/ Account Charges		Invoice Settlement Detail	Invoice Trading Partner	0.9.1	Change Invoice Settlement Detail IG to reflect Schema			Invoice Settlement Detail
HO-034	033	3-Low	DI		Invoice/Payment	DD states field is D15 IG states field is D13, missing in Schema	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Account Charges/Total Amount	Invoice Trading Partner	Invoice Settlement Detail	Invoice Trading Partner	0.9.1	Removed Total amount and total Description from IG, fixing issue. (See 115)	Account Charges/Total Amount		Invoice Settlement Detail
HO-035	034	3-Low	DI		Invoice/Payment	Total Description is Optional	We suggest the description by mandatory in order to associate the dollar amount.	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Account Charges/Total Amount		Invoice Settlement Detail	Invoice Trading Partner	0.9.1	Removed Total amount and total Description from IG, fixing issue. (See 115)	Account Charges/Total Amount		Invoice Settlement Detail
HO-036	035	3-Low	DI		Invoice/Payment	Charge Quantify missing in IG. Present in Schema and DD	Correct Inconsistency	2000/10/11	2000/10/19	CLS	REJ	Darcy Hewgill	Hydro One	Account Charge/Charge Quanity		Invoice Settlement Detail		0.9.1	Closed Rejected Not an issue			
HO-037	036	3-Low	DI		Invoice/Payment	Field is defined differently in both DD's and IG is different again	Correct Inconsistency	2000/10/11	2000/10/19	CLS	DUP	Darcy Hewgill	Hydro One	Account Charge/ Amount	Invoice Trading Partner	Invoice Settlement Detail	Invoice Trading Partner	0.9.1	Closed Duplicate(See 158)			
HO-038	037	3-Low	DI		Invoice/Payment	Max / Min discrepancy	Correct Inconsistency	2000/10/11	2000/10/19	CLS	REJ	Darcy Hewgill	Hydro One	Account Charge/ Taxes		Invoice Settlement Detail	Invoice Trading Partner	0.9.1	Close Rejected Non issue			

ID	No	Priority	Type	Area	Issue	Comment	Date	Date 2	Status	Disp	Submitter	Company	Element	Col1	Col2	Col3	Ver	Resolution
HO-039	038	3-Low	DI	Invoice/Payment	Field length is different in DD and IG, Schema doesn't define	Correct Inconsistency	2000/10/11	2000/10/19	CLS	DUP	Darcy Hewgill	Hydro One	Tax/Amount	Invoice Trading Partner	Invoice Settlement Detail	Invoice Trading Partner	0.9.1	Closed Duplicate (See 158)
HO-040	039	3-Low	DI	Invoice/Payment	DD missing definition of Debit Credit Indicator	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Tax/Debit Credit Indicator	Invoice Trading Partner			0.9.1	Add Debit Credit Indicator to Invoice Trading Partner DD.
HO-041	040	3-Low	DI	Invoice/Payment	Element Name in IG is Wrong Should be "PartnerAccountNumber"	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Trading Partner Information/ Partner Type	Invoice Trading Partner	Invoice Settlement Total	Invoice Trading Partner	0.9.1	Change IG to reflect Element of PartnerAccountNumber
HO-042	041	3-Low	DI	Invoice/Payment	Commodity type is Mandatory in IG and Optional in Schema	I think this can be removed or closed	2000/10/11	2000/10/19	CLS	REJ	Darcy Hewgill	Hydro One	Trading Partner Information/ Commodity Type				0.9.1	Closed Non Issue
HO-043	042	3-Low	DI	Invoice/Payment	Bill Cycle number is missing in DD, labeled as Billcycle number in the IG and Bill Cycle in the Schema	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Trading Partner Information/ Bil Cycle Number	Invoice Trading Partner	Invoice Settlement Total	Invoice Trading Partner	0.9.1	Change name in IG to Billing Cycle from BillCycleNumber. (See 103)
HO-044	043	3-Low	DI	Invoice/Payment	Total Current Amount Due is labeled D15 in DD and D13 in the IG and just D in the Schema	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Invoice Summary/To tal Current Amount Due	Invoice Trading Partner	Invoice Settlement Total and Invoice MP	Invoice Trading Partner	0.9.1	Change all IG's to reflect a D 15 value for the Element TotalCurrentAmount Due (See 50)
HO-045	044	3-Low	DI	Invoice/Payment	Total Arrears DD states D15 and IG states D13	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Invoice Summary/To tal Arrears	Invoice Trading Partner	Invoice Settlement Total	Invoice Trading Partner	0.9.1	Change all IG's to reflect a D 15 value for the Element TotalArrears (See 50)
HO-046	045	3-Low	DI	Invoice/Payment	Total Amount Due is labeled as D15 in DD D13 in IG and 1/1 in IG and 0/1 in Schema	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Invoice Summary/tot al Amount Due	Invoice Trading Partner	Invoice Settlement Total	Invoice Trading Partner	0.9.1	Change all IG's to reflect a D 15 value for the Element TotalAmount Due (See 50)
HO-047	046	3-Low	DI	Invoice/Payment	Charge Description is 1/1 in IG and 0/1 in Schema	Suggest this is a mandatory field,	2000/10/11	2000/10/19	CLS	REJ	Darcy Hewgill	Hydro One	Account Charge/Char ge Description		Invoice Settlement Total	Invoice Trading Partner	0.9.1	Closed Rejected, non issue
HO-046	047	3-Low	DI	Invoice/Payment	Debit Credit Indicator is labeled as an Element and Attribute. And listed twice in IG	This should be changed to Attribute from Element.	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Account Charge/Debit Credit indicator		Invoice Settlement Total	Invoice Trading Partner	0.9.1	Remove the Element "Debit Credit Indicator" from the IG (See 100)
HO-49	048	3-Low	DI	Invoice/Payment	No Tax mentioned in IG is in Schema	Add Tax items to IG	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One			Invoice Settlement Total		0.9.1	Add Taxes and Tax structure to Invoice Settlement Total IG (See 106)
HO-50	049	3-Low	DI	Invoice/Payment	Billing Cycle in DD has A/N value of 30, IG has Numeric and the Schema has a field length of 3 ,IG =1/1 Schema =0/1 RSC states Mandatory	Correct Inconsistency	2000/10/11	2000/10/19	CLS	DUP	Darcy Hewgill	Hydro One	Account Information/ Billing Cycle	Invoice Consumer	Invoice Bill Ready	Invoice Customer	0.9.1	Closed Duplicate (See 23)
HO-51	050	3-Low	DI	Invoice/Payment	Total Amount Due - DD states field is D15 IG states field is D13, missing in Schema	The Schema should reference TotalCurrentAmountDue	2000/10/11	2000/10/19	CLS	DUP	Darcy Hewgill	Hydro One	Invoice Summary/ Total Amount Due	Invoice Consumer	Invoice Bill Ready	Invoice Customer	0.9.1	Closed Duplicate (See 45)
HO-52	051	3-Low	DI	Invoice/Payment	Amount = DD states A/N 30 IG states D13 and Schema id decimal	Correct Inconsistency	2000/10/11	2000/10/19	CLS	DUP	Darcy Hewgill	Hydro One	Account Charge,Rate Charge and Service Charge /Amount	Invoice Consumer	Invoice Bill Ready	Invoice Customer	0.9.1	Closed Duplicate (See 158)
HO-53	052	3-Low	DI	Invoice/Payment	Rate Amount DD =D15 IG =D9	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Rate Charge and Metered Information/ RateAmount	Invoice Consumer	Invoice Bill Ready	Invoice Customer	0.9.1	Change Invoice Bill Ready IG to D 15,
HO-54	053	3-Low	DI	Invoice/Payment	ConsumptionAndDemand has DD=A/N 30 IG=D11	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Rate usageDetail/ consumption and demand	Invoice Consumer	Invoice Bill Ready		0.9.1	Change "Invoice Consumer" Data Dictionary to reflect Consumptionanddemand =D11.

ID	#	Pri			Description	Resolution	Date1	Date2			Name	Company	Col A	Col B	Col C	Col D	Ver	Comments
HO-55	054	3-Low	DI	Invoice/Payment	Metered Information is mandatory in Schema and optional in the IG	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	ServiceInformation/Metered Information		Invoice Bill Ready	Invoice Customer	0.9.1	For both 54 and 55, this is choice, you must select " MeteredInformation" or "UmneteredInforamtion" not both. That is why it is option in IG's. Add text in IG to reflect this.
HO-56	055	3-Low	DI	Invoice/Payment	UNMetered Information is mandatory in Schema and optional in the IG	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	ServiceInformation/UnMetered Information		Invoice Bill Ready	Invoice Customer	0.9.1	For both 54 and 55, this is choice, you must select " MeteredInformation" or "UmneteredInforamtion" not both. That is why it is option in IG's. Add text in IG to reflect this.
HO-57	056	3-Low	DI	Invoice/Payment	Number of services A/N 5 in DD and Schema has length of 3	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Unmetered Information/ NumberOf Services	Invoice Consumer		Invoice Customer	0.9.1	Change "Invoice Consumer" - NumberofServices= D5, and Change Invoice Customer Schema to have type = Decimal"
HO-58	057	3-Low	DI	Invoice/Payment	UsageInformation metered and unmetered are M/* in Schema and O/* in IG	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	UsgaeInformation/ Metered UsageDetail and Unmetered Information		Invoice Bill Ready	Invoice Customer	0.9.1	Add text in IG to relect there is a choice, to select Metered or Unmetered detail. Same Idea as 54 and 55
HO-59	058	3-Low	DI	Invoice/Payment	ConsumptionAndDemand DD=A/N 30 and IG = D11	Correct Inconsistency	2000/10/11	2000/10/19	CLS	DUP	Darcy Hewgill	Hydro One	Unmetered Usage Detail/ ConsumptionAndDemand	Invoice Consumer	Invoice Bill Ready		0.9.1	Closed Duplicate (See 53)
HO-60	059	3-Low	DI	Invoice/Payment	Invoice Date not listed In IG listed in Schema as optional and DD states it under Invoice Summary in IG	Correct Inconsistency	2000/10/11	2000/10/19	PI	APV	Darcy Hewgill	Hydro One	Invoice Settlement Total/Invoice Summary	Invoice Trading Partner	Invoice Settlement Total	Invoice Trading Partner	0.9.1	Add to all related IG's "Invoice Date"
HO-61	060	2-Med	OI	Invoice/Payment	No Field for vendor's GST registration number	Add field for GST # in Schema,IG and DD. Make this field mandatory within the InvoiceSettlement, InvoiceMarketParticipant and InvoiceSettlementDetail transactions. Place it at a relatively high level within the transaction (I.e., at the Retailer company level).	2000/10/11	2000/11/29	PA	APV	Darcy Hewgill	Hydro One				InvoiceTradingPartner.xsd		
TH-1	061	1-High	OI	STR	Status Advice with 'CPO' ,Contest Period Over, does not indicate who won or loss the contest.	Add a new reason code/text that will indicate who won or loss the contest. A new specific reason code will be defined to show this condition. See also #064	2000/10/09	2000/11/13	PA	PD	Said Taha	Toronto Hydro					0.9.1	
TH-2	062	1-High	OI	Invoice/Payment	Allocating Payments made from a Retailer for Settlement and Market Participant invoices Could be a problem.	Settlement Invoice Total transaction to include both settlement charges and market participant Charges, and Market participant transaction be used for details only and not for invoicing. No longer a problem (Said Taha October 19, 2000)	2000/10/09	2000/10/19	CLS	REJ	Said Taha	Toronto Hydro					0.9.1	
TH-3	063	1-High	OI	Invoice/Payment	The "Total Amount Due" field will not include arrears, according to T.H. Toronto will discuss with the OEB for clarification/confirmation.	Should be a separate letter to OEB	2000/10/09	2000/10/19	CLS	REJ	Said Taha	Toronto Hydro					0.9.1	
TH-4	064	2-Med	EN	STR	In page 26 STR-3 a drop request transaction is sent to Retailer A instead of status advice transaction. In a switch scenario after the contest period is over, the retailer who loses the customer will be dropped regardless of the Drop Accept Response as shown in STR-3.	Send Status Advice with contest period over reason instead of drop request in a switch contest scenario. Do not send the Drop, but instead use a Status Advice with a status as per #061.	2000/10/09	2000/11/13	PA	PD	Said Taha	Toronto Hydro					0.9.1	
TH-13	065	1-High	OI	Usage	There is no option to indicate a Usage replace function as described in the EBT standards document on page 52.	The replace enumeration should be added to 'usagePurpose' tag. This is a duplicate of #00001	2000/10/09	2000/10/19	CLS	DUP	J Stewart	Toronto Hydro				Usage	0.9.1	
TH-14	066	2-Med	OI	Usage	Since the 'Significance' tag is only valid for Time of Use meters.	It should be made optional.	2000/10/09	2000/11/21	PA	PD	J Stewart	Toronto Hydro				Usage	0.9.1	
TH-15	067	2-Med	DI	Usage	Usage has AccountNumberSwitchDate, but Historical Usage does not.	Both should be the same.	2000/10/09	2000/10/19	PI	APV	J Stewart	Toronto Hydro				Usage Historical Usage	0.9.1	Add "AccountNumberSwitchDate" to Historical Usage and verify in all places for "OldAccountNumber" must have switch date as well.

ID	No	Priority		Category	Description	Suggestion	Date	Date			Name	Company				Ref	Ver	Resolution
TH-16	068	2-Med	DI	Usage	Usage has MeterSwitchDate, but Historical Usage does not.	Both should be the same. Optional.	2000/10/09	2000/11/21	PA	PD	J Stewart	Toronto Hydro				Usage Historical Usage	0.9.1	
TH-19	069	2-Med	DI	Usage	The Historical Usage Schema reads as NextScheduledMeterDate.	It should be NextScheduledMeterReadDate--the IG is correct.	2000/10/09	2000/10/19	PI	APV	J Stewart	Toronto Hydro				Historical Usage	0.9.1	Change "Historical Usage" to be the same as the IG "NextSchedualMeterDate"
TH-27	070	1-High	OI	Usage	Currently who read the meter is carried in the MeterReader element in the Meter Maintenance transaction within the MeterReader element. This is not completely correct as it can change every read cycle. For example, it could be that the Consumer reads the meter on odd months and the Distributor reads the meter on even months for a higher quality read. This information should be carried at the same level as the Measure attribute.	There are two ways to solve this. (1) Expand the allowed values of Measure to replace 'Actual' with 'ConsumerRead' and 'DistributorRead', or (2) add MeterReader as an optional attribute of 'ConsumptionAndDemand'.	2000/10/09	2000/11/21	PA	PD	J Stewart	Toronto Hydro					0.9.1	Use suggestion #2: add MeterRead as an optional attribute of ConsumptionAndDemand with possible values of Consumer, Distributer and MSP. Measure has possible values of Read, Estimate and Billed.

Remove this term from the Meter Maintenance transactions. |
| TH-62 | 071 | 1-High | OI | Invoice/Payment | The consumer account number is missing from the 'Account Charge' data structure section of the Invoice Trading Partner schema. This is based on the following interpretation of the schema/guideline:

Invoice Trading Partner Schema
-In the 'Account Charge' data structure section, add the 'Consumer Account Number'. So the retailer can associate that particular charge with a specific consumer
-The 'TradingPartnerCharge' data structure is interpreted to mean a roll-up of the individual customer charges for a particular charge category. For example, if we have a charge category of 'STR Charges' and there are 5 customers each with a $5.00 STR charge, then the 'amount' for this charge category would be $25.00 and we would see a $25.00 charge on the trading partner's account If that is the case, then the element name should be changed to more accurately reflect this meaning

Invoice Market Participant Implementation Guideline
-In the 'Account Charge' data structure section, add the 'Consumer Account Number' to match the | | 2000/10/09 | 2000/11/29 | CLS | REJ | Robby Raghunandan | Toronto Hydro | | | | | 0.9.1 | The Retailer does not require the detail at this minute level. If is sufficient to track this at the transaction category level (e.g., by charge categories of STR transactions, INV transactions, etc.). If this level of detail is required to sort out a billing issue, the details will be provided outside the EBT system. |
| TH-63 | 072 | 1-High | OI | STR | Major concern about Retailer to Retailer Switch rules on page 24 of the EBT Standards document, version 1.1 – "The first enrollment in will be processed through to the Enroll Accept. The second enrollment will then be processed…" could cause processing problems.

An enrollment is really not completed when the contest period is not over, since there could be more processing resulting from the contest activities. In the situation where there are an incumbent Retailer (say Retailer A), a pending Retailer (Retailer B) whose STR has been accepted but is still in contest period, and another Retailer (Retailer C) whose STR has also been accepted, the situation can become very convoluted and may be impossible to process. In this situation, Retailer A could contest, and Retailer B could in turn also contest, or Retailer A may contest but Retailer B does not contest. There is also the logical conundrum of Retailer B contesting while there is a contest against them.

This is a duplicate of TH-70 | I would propose that the second enrollment be processed after the CPO (Contest Period Over) Status Advice, or such other condition when there is no more controversy about the first Retailer's having the customer.

This untenable situation can be avoided if we start processing the second enrollment (sending out notification to incumbent Retailer, etc.) only after the contest period is over for the first Retailer. In other words, the second Retailer's enrollment is processed only after the first Retailer really has the customer. The first Retailer has the customer when the contest period is over for the incumbent Retailer, or when the first Retailer withdraws the contest. The second enrollment can also be processed once the first enrollment request is terminated for whatever reason.

On hold--wait for the next revision of the RSC where this issue will disappear. | 2000/10/09 | 2000/12/06 | PA | PD | Kah-Fae Chan | Toronto Hydro | | | | | 0.9.1 | The soon to be released RSC changes the requirements so that the following scenario is valid and fixes the problem:

1) Retailer-A signs up a customer via an enrolment request.

2) Retailer-B starts a contest period by issuing an enrolment request.

3) Retailer-C, and any subsequent retailers, will have their enrolment requests rejected until the contest period is over.

Update the EBT standards document to illustrate this change. |

ID	No.	Priority	Type	Cat	Description	Notes	Date In	Date	Status	Disp	Person	Company			Transaction	Version	Resolution
TH-69	073	1-High	OI	STR	The contest period has been changed to 20 days with no possible extension of the contest period. Confirm this and update the appropriate documentation. Current Standards Document shows a 10 day contest period and a transaction to extend the contest period an additional 10 days.	The EBT standards document to be updated when OEB officially declares this change.	2000/10/09	2000/12/06	PA	PD	J Stewart	Toronto Hydro				0.9.1	The about to be released version of the RSC declares this change as expected.
TH-70	074	1-High	OI	STR	The RSC has changed so that there is only one pending enrolment. All subsequent pending enrolments will be rejected, not stacked. Confirm this and update the appropriate documentation. Current Standards Document makes reference to two pending enrolments.	The document to be updated when OEB officially declares this change.\n\nThis is a duplicate of TH-63	2000/10/09	2000/10/19	CLS	DUP	J Stewart	Toronto Hydro				0.9.1	
EX-1	075	3-Low	DI	Usage	Change definition of ReadingSchedule to "Defines how often the Distributor collects the meter data." field is alphanumeric		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy				0.9.1	Change DD to reflect proper text - Defines how often the Distributor collects the meter data
EX-2	076	3-Low	DI	Usage	Change definition of ActualIntervalLength to "The actual sample rate of a meter (in minutes)."		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy				0.9.1	Change Meter Maintenance DD to reflect - ActualIntervalLength to "The actual sample rate of a meter (in minutes).
EX-7	077	3-Low	OI	Usage	The tag name ConsumptionAndDemand is too large for how often it will be present in a message. Change it to UsageData.		2000/10/09	2000/11/21	PA	PD	Excelergy	Excelergy				0.9.1	Change it to UsageData
EX-9	078	3-Low	DI	Usage	Change Name to FieldName; used in ElementInformation and AttributeInformation.		2000/10/09	2000/11/21	CLS	REJ	Excelergy	Excelergy				0.9.1	Not deemed confusing.
EX-14	079	3-Low	OI	Usage	MeterCycleNumber needs to be optional in 3 transactions: Usage, HistoricalUsageAccept, and MeterMaintenance. Schemas- already optional in MeterMaintenance, need to add to Usage and HistoricalUsageResponse. IG's- need to change to reflect this as well.		2000/10/09	2000/11/21	PA	PD	Excelergy	Excelergy				0.9.1	
EX-22	080	3-Low	DI	STR	change Attribute Information to min=0, max = 1 ; had max = *		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Application Advice Reject	0.9.1	change Attribute Information to min=0, max = 1 ; had max = *
EX-23	081	3-Low	DI	STR	change ElementInformation to min=0, max=1, changed Value min=0, max=1		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Application Advice Reject	0.9.1	change Value min=0, max=1,ElementInformation os OK
EX-24	082	3-Low	DI	STR	add BillingCycle element as optional with a required PartnerType attribute to AccountInformation		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Change Billing Option Accept	0.9.1	add BillingCycle element as optional with a required PartnerType attribute to AccountInformation
EX-25	083	3-Low	DI	STR	add BillingCycle element as optional with a required PartnerType attribute to AccountInformation		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Change Billing Option Reject	0.9.1	add BillingCycle element as optional with a required PartnerType attribute to AccountInformation
EX-26	084	3-Low	DI	STR	change ElementInformation to min=0, max=1, changed Value min=0, max=1		2000/10/09	2000/10/19	CLS	DUP	Excelergy	Excelergy			Change Billing Option Reject	0.9.1	Closed Duplicate (See 25)
EX-27	085	3-Low	DI	STR	add PartnerType as a required attribute for BillingCycle		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Change Billing Option Request	0.9.1	add PartnerType as a required atttribute for BillingCycle
EX-28	086	3-Low	DI	STR	change min/max occurrences of Value in ElementInformation to min=0, max=1; had min=1, max = 1		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Change Consumer Accept	0.9.1	change min/max occurances of Value in ElementInformation to min=0, max=1; had min=1, max = 1
EX-29	087	3-Low	DI	STR	change min/max occurrences of Value in ElementInformation to min=0, max=1; had min=1, max = 1		2000/10/09	2000/10/19	Cls	DUP	Excelergy	Excelergy			Change Consumer Reject	0.9.1	Closed Duplicate (See 25)
EX-30	088	3-Low	DI	STR	change ElementInformation to min=0, max=1, changed Value min=0, max=1		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Change Consumer Reject	0.9.1	change ElementInformation to min=0, max=1, changed Value min=0, max=1
EX-31	089	3-Low	DI	STR	change min/max occurrences of Value in ElementInformation to min=0, max=1; had min=1, max = 1		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Change Consumer Request	0.9.1	change min/max occurances of Value in ElementInformation to min=0, max=1; had min=1, max = 1
EX-32	090	3-Low	DI	STR	add PartnerType as a required attribute for BillingCycle		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Change Consumer Location Accept	0.9.1	add PartnerType as a required attribute for BillingCycle

ID	No	Pri	Type	Category	Description		Date1	Date2	St1	St2	Owner1	Owner2			Document		Ver	Resolution
EX-33	091	3-Low	DI	STR	change ElementInformation to min=0, max=1, changed Value min=0, max=1		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Change Consumer Location Reject		0.9.1	change ElementInformation to min=0, max=1, changed Value min=0, max=1
EX-34	092	3-Low	DI	STR	Change XML name for NumberOfDiscounts to the correct name, NumberOfDisconnects		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Historical Payment Accept		0.9.1	Change XML name for NumberOfDiscounts to the correct name, NumberOfDisconnects
EX-35	093	3-Low	DI	Invoice/Payment	change min/max occurrences of Element Information to 1/1 (was 1 or more)		2000/10/09	2000/10/19	CLS	REJ	Excelergy	Excelergy			Historical Payment Reject		0.9.1	Closed Rejected request is wrong, corrested in 95 (See 95)
EX-36	094	3-Low	DI	Invoice/Payment	change min/max occurrences of Reject Information to 1 or more (was 1/1)		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Historical Payment Reject		0.9.1	change min/max occurrences of Reject Information to 1 or more (was 1/1)
EX-37	095	3-Low	DI	Invoice/Payment	change ElementInformation to min=0, max=1, changed Value min=0, max=1		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Historical Payment Reject		0.9.1	change ElementInformation to min=0, max=1, changed Value min=0, max=1
EX-38	096	3-Low	DI	Usage	change min/max occurrences of MeteredUsageDetail to min=0, max=*; had max = 1		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Historical Usage Accept		0.9.1	change min/max occurances of MeteredUsageDetail to min=0, max=*; had max = 1 (Add to the IG's that is a choice option, one or the other not both.
EX-39	097	3-Low	DI	Usage	change min/max occurrences of ConsumptionAndDemand in UnmeteredUsageDetail to min=1, max=1; had min=1, max = *		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Historical Usage Accept		0.9.1	change min/max occurances of ConsumptionAndDemand in UnmeteredUsageDetail to min=1, max=1; had min=1, max = *
EX-40	098	3-Low	DI	Usage	change min/max occurrences of RejectInformation to min=1, max=*; had max = 1		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Historical Usage Reject		0.9.1	change min/max occurances of RejectInformation to min=1, max=*; had max = 1
EX-41	099	3-Low	DI	Usage	change ElementInformation to min=0, max=1, changed Value min=0, max=1		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Historical Usage Reject		0.9.1	change ElementInformation to min=0, max=1, changed Value min=0, max=1
EX-42	100	3-Low	DI	Invoice/Payment	removed element DebitCreditIndicator under AccountCharge		2000/10/09	2000/10/19	CLS	DUP	Excelergy	Excelergy			Invoice Settlement Total		0.9.1	Closed Duplicate (See 47)
EX-43	101	3-Low	DI	Invoice/Payment	change ChargeDescription to min=0, max=1 ; had min=1		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Settlement Total		0.9.1	change ChargeDescription to min=0, max=1 ; had min=1
EX-44	102	3-Low	DI	Invoice/Payment	add FinalBillIndicator to InvoiceTradingPartner min 0 /max 1		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Settlement Total		0.9.1	add FinalBillIndicator to InvoiceTradingPartner min 0 /max 1
EX-45	103	3-Low	DI	Invoice/Payment	change BillCycleNumber to BillingCycle		2000/10/09	2000/10/19	CLS	DUP	Excelergy	Excelergy			Invoice Settlement Total		0.9.1	Closed (See 42)
EX-46	104	3-Low	DI	Invoice/Payment	change min/max occurrences of Account Charges to min=0, max=1; had max = *		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Settlement Total		0.9.1	change min/max occurances of Account Charges to min=0, max=1; had max = *
EX-47	105	3-Low	DI	Invoice/Payment	remove elements TotalAmount and TotalDescription from AccountCharges		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Settlement Total		0.9.1	remove elements TotalAmount and TotalDescription from AccountCharges
EX-48	106	3-Low	DI	Invoice/Payment	add the Taxes and Tax structure		2000/10/09	2000/10/19	CLS	DUP	Excelergy	Excelergy			Invoice Settlement Total		0.9.1	Closed (See 048)
EX-49	107	3-Low	DI	Invoice/Payment	add Final as an enumerated value to BillPurpose		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Settlement Total		0.9.1	add Final as an enumerated value to BillPurpose
EX-50	108	3-Low	DI	Invoice/Payment	add an optional element of InvoiceDate to InvoiceSummary (first element)		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Settlement Total		0.9.1	add an optional element of InvoiceDate to InvoiceSummary (first element)
EX-51	109	3-Low	DI	Invoice/Payment	add word Cancel to the title at top of IG		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Settlement Total Cancel		0.9.1	add word Cancel to the title at top of IG Verify all related documents
EX-52	110	3-Low	DI	Invoice/Payment	add an optional element of InvoiceDate to InvoiceSummary (first element)		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Settlement Total Cancel		0.9.1	add an optional element of InvoiceDate to InvoiceSummary (first element) as per schema
EX-53	111	3-Low	DI	Invoice/Payment	add FinalBillIndicator to InvoiceTradingPartner		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Settlement Detail		0.9.1	add FinalBillIndicator to InvoiceTradingPartner

EX-54	112	3-Low	DI	Invoice/Payment	change XML Name from SettlementCrossReferenceNumber to TransactionCrossReferenceNumber		2000/10/09	2000/10/19	CLS	DUP	Excelergy	Excelergy			Invoice Settlement Detail		0.9.1	Closed Duplicate (See 026)				
EX-55	113	3-Low	DI	Invoice/Payment	change min/max occurrences of Account Charges to min=0, max=1; had max = *		2000/10/09	2000/10/19	CLS	DUP	Excelergy	Excelergy			Invoice Settlement Detail		0.9.1	Closed (See 32)				
EX-56	114	3-Low	DI	Invoice/Payment	add TotalCurrentAmountDue to InvoiceSummary		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Settlement Detail		0.9.1	add TotalCurrentAmountDue to InvoiceSummary				
EX-57	115	3-Low	DI	Invoice/Payment	remove elements TotalAmount and TotalDescription from AccountCharges		2000/10/09	2000/10/19	CLS	DUP	Excelergy	Excelergy			Invoice Settlement Detail		0.9.1	Closed Duplicate (See 33,34)				
EX-58	116	3-Low	DI	Invoice/Payment	remove enumerated value of PST from taxes (settlement invoices only have GST taxes)		2000/10/09	2000/10/19	CLS	REJ	Excelergy	Excelergy			Invoice Settlement Detail		0.9.1	Closed may be needed in the future.				
EX-59	117	3-Low	DI	Invoice/Payment	add Final as an enumerated value to BillPurpose		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Settlement Detail		0.9.1	add Final as an enumerated value to BillPurpose				
EX-60	118	3-Low	DI	Invoice/Payment	add word Cancel to the title at top of IG		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Settlement Detail Cancel		0.9.1	add word Cancel to the title at top of IG - verify all related documents				
EX-61	119	3-Low	DI	Invoice/Payment	remove CrossReferenceNumber attribute from InvoiceTradingPartner	duplicate of #244	2000/10/09	2000/11/29	CLS	DUP	Excelergy	Excelergy			Invoice Settlement Detail Cancel	InvoiceTradingPartner.xsd	0.9.1					
EX-62	120	3-Low	DI	Invoice/Payment	remove FinalBillIndicator from InvoiceTradingPartner		2000/10/09	2000/10/19	CLS	REJ	Excelergy	Excelergy			Invoice Market Participant		0.9.1	Need this, example trading Partner out of business Final bill				
EX-63	121	3-Low	OI	Invoice/Payment	change the name of AccountCharges (min=0, max=1) and AccountCharge to TradingPartnerCharges and TradingPartnerCharge		2000/10/09	2000/11/29	CLS	REJ	Excelergy	Excelergy			Invoice Market Participant		0.9.1	No longer any support by members of the group for this change. Do not want to change names just for the sake of change.				
EX-64	122	3-Low	DI	Invoice/Payment	change ChargeDescription to min=0, max=1 ; had min=1		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Market Participant		0.9.1	change ChargeDescription to min=0, max=1 ; had min=1				
EX-65	123	3-Low	DI	Invoice/Payment	add Final as an enumerated value to BillPurpose		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Market Participant		0.9.1	add Final as an enumerated value to BillPurpose				
EX-66	124	3-Low	DI	Invoice/Payment	change the min/max occurrences of MessageInformation to min=0, max=1 (was 1/1)		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Market Participant		0.9.1	change the min/max occurrences of MessageInformation to min=0, max=1 (was 1/1)				
EX-67	125	3-Low	DI	Invoice/Payment	change the data type of ChargeCategory from A/N to N/A and listed all the correct enumerations		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Market Participant		0.9.1	change the data type of ChargeCategory from A/N to N/A and listed all the correct enumerations				
EX-68	126	3-Low	DI	Invoice/Payment	add word Cancel to the title at top of IG		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Market Participant Cancel		0.9.1	add word Cancel to the title at top of IG				
EX-69	127	3-Low	DI	Invoice/Payment	change the min/max occurrences of MessageInformation to min=0, max=1 (was 1/1)		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Market Participant Cancel		0.9.1	change the min/max occurrences of MessageInformation to min=0, max=1 (was 1/1)				
EX-70	128	3-Low	DI	Invoice/Payment	change TotalAmountDue to TotalCurrentAmountDue		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Rate Ready		0.9.1	change TotalAmountDue to TotalCurrentAmountDue				
EX-71	129	3-Low	DI	Invoice/Payment	add Final as an enumerated value to BillPurpose		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Rate Ready		0.9.1	add Final as an enumerated value to BillPurpose				
EX-72	130	3-Low	DI	Invoice/Payment	change TotalAmountDue to TotalCurrentAmountDue		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Bill Ready		0.9.1	change TotalAmountDue to TotalCurrentAmountDue				
EX-73	131	3-Low	DI	Invoice/Payment	remove UnitOfMeasure from Usage Information data structure (in MeteredUsageDetail and UnmeteredUsageDetail)		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Bill Ready		0.9.1	remove UnitOfMeasure from Usage Information data structure (in MeteredUsageDetail and UnmeteredUsageDetail)				
EX-74	132	3-Low	DI	Invoice/Payment	add Final as an enumerated value to BillPurpose		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Bill Ready		0.9.1	add Final as an enumerated value to BillPurpose				

ID	#	Pri	T	Category	Description	Comment	Date1	Date2	C1	C2	Co1	Co2	ReasonText	Doc1	Doc2	All	Ver	Resolution
EX-75	133	3-Low	DI	Invoice/Payment	remove 3 lines from RateUsageDetail- accidentally left in the Consumption with its 2 attributes even though the element name changed to ConsumptionAndDemand,		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Invoice Bill Ready		0.9.1	remove 3 lines from RateUsageDetail- accidentally left in the Consumption with its 2 attributes even though the element name changed to ConsumptionAndDemand, (3 lines are: Consumptionand demand,Significance and measure)
EX-76	134	3-Low	DI	Invoice/Payment	change the element name of BillCycleNumber to BillingCycle		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Payment Advice Detail		0.9.1	change the element name of BillCycleNumber to BillingCycle (See 150)
EX-77	135	3-Low	DI	Invoice/Payment	change the XML element name of PaymentCrossReferenceNumber to TransactionCrossReferenceNumber		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Payment Advice Detail		0.9.1	change the XML element name of PaymentCrossReferenceNumber to TransactionCrossReferenceNumb er
EX-78	136	3-Low	DI	Transaction	change Attribute Information to min=0, max = 1 ; had max = *		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			PIPE Functional Acknowled gement		0.9.1	change Attribute Information to min=0, max = 1 ; had max = *
EX-79	137	3-Low	DI	Transaction	change min/max occurrences of OriginalTransactionReferenceNumber to min=1, max=1; had min=0, max = 1		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Status Advice		0.9.1	change min/max occurances of OriginalTransactionReferenceNum ber to min=1, max=1; had min=0, max = 1
EX-80	138	3-Low	DI	Usage	change ElementName after 2 attributes; OldMeterNumber and MeterNumberSwitchDate (element name was incorrectly the name of attribute)		2000/10/09	2000/10/19	CLS	DUP	Excelergy	Excelergy			Usage		0.9.1	Closed Duplicate (See 012, 013)
EX-81	139	3-Low	DI	Usage	change min/max occurrences of ConsumptionAndDemand in UnmeteredUsageDetail to min=1, max=1; had min=1, max = *		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy			Usage		0.9.1	change min/max occurances of ConsumptionAndDemand in UnmeteredUsageDetail to min=1, max=1; had min=1, max = *
EX-82	140	3-Low	DI	Transaction	change field length from 80 to 250 characters		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy	ReasonText (RejectInfor mation, ChangeInfor mation, and DropInformat ion)				0.9.1	change field length from 80 to 250 characters in All DD's Schema's and IG's
EX-83	141	3-Low	DI	Invoice/Payment	add the element BillingCycle		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy		Payment Advice			0.9.1	adde the element BillingCycle in Payment Advice IG
EX-84	142	3-Low	OI	Transaction	remove the fixed domain for PIPTransactionType from Functional Acknowledgement		2000/10/09	2000/10/19	CLS	REJ	Excelergy	Excelergy		PIPE Functional Acknowledge ment			0.9.1	Closed, will use this information for HUB troubleshooting
EX-85	143	3-Low	DI	Invoice/Payment	add Final as an enumerated value to BillPurpose		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy		Invoice Trading Partner			0.9.1	add Final as an enumerated value to BillPurpose
EX-86	144	3-Low	DI	Invoice/Payment	change field length of BillingCycle from 30 characters to 3 characters		2000/10/09	2000/10/19	CLS	DUP	Excelergy	Excelergy		Invoice Trading Partner			0.9.1	Closed (See 023)
EX-87	145	3-Low	DI	Invoice/Payment	add Final as an enumerated value to BillPurpose		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy		Invoice Customer			0.9.1	add Final as an enumerated value to BillPurpose
EX-88	146	3-Low	OI	Invoice/Payment	change the naming of two PIPTransactionTypes to InvoiceTradingPartner and InvoiceCustomer (was CustomerInvoice and TPInvoice)		2000/10/09	2000/10/19	CLS	REJ	Excelergy	Excelergy		Application Advice			0.9.1	Closed, will use this information for HUB troubleshooting
EX-89	147	1-High	OI	All -- Schemas	update all schema syntax and namespacing to be compliant with the W3C April 7th Draft Schema Recommendation	All schemas to be compliant with April 7th draft of the W3C schema spec and to include a complexTypes schema(incl. minLength, unbounded derivedBy="restriction") Original request was enhanced to recommend that all schemas be made compliant with the October 24, 2000 Candidate Recommendation of the W3C. See also #153 closed as duplicate.	2000/10/09	2000/11/17	PA	PD	Excelergy	Excelergy				All	0.9.1	
EX-90	148	1-High	OI	All Schemas	add "encoding" attribute to XML declaration to allow for special characters	update the schema	2000/10/09	2000/11/17	PA	PD	Excelergy	Excelergy				All	0.9.1	

ID	No.	Pri	Type	Category	Description	Comment/Action	Date1	Date2	St1	St2	Contact	Company	Element	Doc1	Doc2	Doc3	Transaction	Ver	Notes	Ex1	Ex2
EX-91	149	3-Low	DI	Usage	change min/max occurrences of ValidationInformation to min=1, max=1; had min=0, max = 1		2000/10/09	2000/11/21	PA	PD	Excelergy	Excelergy					Historical Usage Response	0.9.1			
EX-92	150	3-Low	DI	Invoice/Payment	changed the element name of BillCycleNumber to BillingCycle		2000/10/09	2000/10/19	PI	APV	Excelergy	Excelergy					Payment Advice	0.9.1	changed the element name of BillCycleNumber to BillingCycle (See 134)		
EX-93	151	3-Low	OI	Schema	removed the reference to a fixed domain for the PIPTransactionType attribute; the attribute now has a string with length thirty		2000/10/09	2000/10/19	CLS	REJ	Excelergy	Excelergy					Transaction Acknowledgements	0.9.1	Closed, will use this information for HUB troubleshooting		
EX-94	152	1-High	OI	All -- Sample XML files	Add "encoding" attribute to XML declaration to allow for special characters	update the sample files	2000/10/09	2000/11/17	PA	PD	Excelergy	Excelergy						0.9.1	update all aspects of the sample files to the new updated standards		
EX-95	153	1-High	OI	All -- Sample XML files	updated namespacing to be compliant with W3C schema spec	update the schema, see also duplicate #147	2000/10/09	2000/11/17	CLS	DUP	Excelergy	Excelergy						0.9.1			
EX-96	154	3-Low	OI	Historical Usage Accept Sample	Add NextScheduledMeterDate to MeterInformation	see #238	2000/10/09	2000/11/21	PA	PD	Excelergy	Excelergy						0.9.1			
EX-97	155	3-Low	OI	Historical Usage Accept Sample	Add required BillingInformation loop with Address	see #238	2000/10/09	2000/11/21	PA	PD	Excelergy	Excelergy						0.9.1			
EX-98	156	3-Low	OI	Invoice/Payment	changed the element name of BillCycleNumber to BillingCycle		2000/10/09	2000/11/15	PA	PD	Excelergy	Excelergy						0.9.1			
HO-62	157	2-Med	OI	Invoice/Payment	Section 5.3 .2 Invoice Page 61 - Under the heading Flow it states that "The retailer submits to the Distributor the line item charge(s) to be put on the consumer's bill no later than two business days after the usage transaction has been sent. While Hydro One provides more than the requirement in this case, will this result in rejection by EBT?	There is no rejection on transaction timing that will be performed by the Hubs. It is specifically up to the LDCs if they wish to allow more time.	2000/10/09	2000/11/15	PA	PD	Darcy Hewgill	Hydro One	Section 5.3 .2 Invoice – Distributor Bill Ready					1.1			
HO-8	158	2-Med	DI	Invoice/Payment	The element 'Amount' is listed as a thirteen byte decimal field in the Implementation Guide. In the Data Dictionary it is defined as a thirty byte field (no decimal). Since this is a dollar amount, it needs to be a decimal field with two bytes after the decimal.	Update all three transaction documents to make the definition of this element consistent.	2000/10/09	2000/10/19	PI	APV	Jennifer Pithan	Hydro One	Amount	Invoice Customer	Invoice Customer	Invoice Customer		0.9.1	Change all IG,and DD's to reflect Decimal 15 (See 36,38,51)		
HO-9	159	2-Med	OI	STR	A decision was announced to Hydro One on 5/17/00 that bundled transactions will no longer be allowed through the EBT. However, 'Meter Change' is still listed as a valid value of the attribute 'ReadIndicator'. Is this not essentially allowing the retailer to bundle an enrollment with a meter change request?	Remove 'Meter Change' as a valid value for the attribute 'ReadIndicator'.	2000/10/09	2000/12/06	PA	PD	Jennifer Pithan	Hydro One	ReadIndicator	Drop Request Enroll Request	Drop Request Enroll Request	Drop Request Enroll Request		0.9.1	Remove 'MeterChange' as a valid value of the attribute 'ReadIndicator'. It is not a specific requirement of the RSC that it should be allowed. A Retailer will not be able to enrol based on a meter change. Instead the Retailer wold have to enrol for a future date. Then the Retailer would request a meter switch at that future date. Perhaps the Retailer would pre-arrange for this switch date by a non-EBT mechanism (i.e., a phone call).		
HO-10	160	2-Med	DI	Usage	The Implementation Guide and the Schema reference the attribute 'UsageIndicator'. This field is not defined in the Data Dictionary.	Add the attribute 'UsageIndicator' to the Data Dictionary. Its valid values should be 'Initial' and 'Final'.	2000/10/09	2000/10/19	PI	APV	Jennifer Pithan	Hydro One	UsageIndicator	Usage	Usage	Usage		0.9.1	Add the attribute 'UsageIndicator' to the Data Dictionary. Its valid values should be 'Initial' and 'Final'.	UsageIndicator	Usage
TH-5	161	2-Med	OI	Invoice/Payment	The following elements significance and number of units in Invoice Bill Ready and Invoice Rate Ready need not be required elements.	They should be mandatory.	2000/10/09	2000/11/15	CLS	REJ	Said Taha	Toronto Hydro						0.9.1			
TH-6	162	2-Med	OI	Enrol/STR	Rate changes request should be outside of EBT		2000/10/09	2000/11/21	CLS	REJ	Said Taha	Toronto Hydro						0.9.1	Rate Change data will be sent via the EBT. However, processing by the receiving trading partner could be performed either manually or automatically.		

ID	#	Pri	Type	Category	Issue	Suggested Resolution	Date	Date	St	St	Who	Company	Col A	Col B	Col C	Ver	Comments
TH-7	163	2-Med	OI	STR	In page 46 of the EBT Standards Document, STR 21 flow may have a problem by sending Status Advice to terminate request when a Drop Accept has already been received. Retailer may have to reenroll after a drop has been accepted and processed.	To reject a terminate request for a Drop that had already been processed.	2000/10/09	2000/11/13	PA	PD	Said Taha	Toronto Hydro				0.9.1	A Drop request can be resinded for up to 10 days after the Drop request was issued (see RSC Feb 28, 2000 version section 10.5.5 page 48). Update the EBT Standards Document to reflect this. Specifically flow STR-21 on page 46 of the May 25, 2000 version.
TH-8	164	2-Med	DI	Usage	Usage IG shows BillingCycle as optional, but Schema does not. IG is correct.	It should be made optional.	2000/10/09	2000/10/19	PI	APV	J Stewart	Toronto Hydro				0.9.1	Change Usage Schema's to relect "BillingCycle" as optional.
TH-9	165	3-Low	OI	Historical Usage	Historical Usage Schema shows Billing Cycle as optional, but the RSC indicates that it should be mandatory.	It should be made mandatory.	2000/10/09	2000/11/27	PA	PD	J Stewart	Toronto Hydro		Usage Historical Usage		0.9.1	
TH-10	166	3-Low	DI	Usage	The Usage Data Dictionary shows the format of the Distribution Loss Factor to be less than one (i.e., "D (.xxxx)").	It should be greater than one. Try 1.035 for examples.	2000/10/09	2000/10/19	PI	APV	J Stewart	Toronto Hydro				0.9.1	Change Usage DD to show the DLF format as; (X.XXX) Also change sample files
TH-11	167	3-Low	OI	Usage	BillingCycle does not need to be in the Usage message--see the RSC. It is listed in both IG and Schema.	For purity reasons, any billing terms such as this should be removed from Usage which presents meter information.	2000/10/09	2000/11/27	CLS	REJ	J Stewart	Toronto Hydro	Usage	Usage		0.9.1	since it is optional, this request was withdrawn by the originator
TH-17	168	2-Med	OI	Historical Usage	Service Address is listed as optional in the Historical Usage IG.	According to the RSC it is mandatory.	2000/10/09	2000/11/21	PA	PD	J Stewart	Toronto Hydro	Historical Usage			0.9.1	
TH-18	169	2-Med	OI	Historical Usage	Billing Address is listed as optional in the Historical Usage IG.	According to the RSC it is mandatory.	2000/10/09	2000/11/21	PA	PD	J Stewart	Toronto Hydro	Historical Usage			0.9.1	
TH-20	170	3-Low	DI	Usage	In Historical Usage the Rate Code is optional for Metered Info, but mandatory for Unmetered Info.	It should be mandatory for both.	2000/10/09	2000/11/27	PA	PD	J Stewart	Toronto Hydro		Historical Usage		0.9.1	
TH-21	171	2-Med	OI	Usage	Toronto Hydro presents unmetered streetlight data by simulating an interval meter. There is no current way to support this. This can be resolved by allowing a maxOccurs of '*' for Unmetered ConsumptionAndDemand.	Also required is to move the Reported Interval Length out from the MeterType and place it under Usage Information. This is appropriate to do anyway, since Reported Interval Length is an attribute of the data itself and not the meter.	2000/10/09	2000/11/21	PA	PD	J Stewart	Toronto Hydro		Usage Historical Usage		0.9.1	The reported interval length will be moved out from the meter type and place under Usage information. The unmetered maxOccurs will not be changed.
TH-22	172	3-Low	OI	STR	The suggested Error Codes should include examples for the drop transactions.	Produce an enumerated list of specific reasons.	2000/10/09	2000/11/13	UI	PD	J Stewart	Toronto Hydro				0.9.1	
TH-23	173	3-Low	OI	Several Implementation Guide	There is no specified order for FullName.	One should be chosen and published in the standards document. No standard format could be agreed upon. However, a preferred convention was established. This preferred convention is: "<salutation> <first name or initial> <initial or middle name> <last name> <title suffix>" or "<company name> <ltd/inc/etc.>"	2000/10/09	2000/11/17	PA	PD	J Stewart	Toronto Hydro	Several			0.9.1	
TH-24	174	3-Low	DI	Historical Usage	NextScheduledBillDate is mandatory in the Implementation Guide, but optional in the schema.	Based on the RSC, it should always be mandatory.	2000/10/09	2000/11/27	PA	PD	J Stewart	Toronto Hydro	Historical Usage	Historical Usage		0.9.1	
TH-25	175	3-Low	OI	Usage	The explanations of Meter Maintenance are not clear. There is some confusion with respect to the various uses to the transactions and whether all or selected meters are involved. This is largely because the meter change and meter information pieces were merged into a single schema. Just as response transactions have been split into accept and reject IG's, the same is required for the four scenarios of Meter Maintenance.	JStewart has some flow diagrams for the various scenarios.	2000/10/09	2000/10/09	NEW	PD	J Stewart	Toronto Hydro				0.9.1	
TH-26	176	3-Low	OI	Meter Request	The Meter Request XML sample is confusing. The sample shows a meter being added. Since the Retailer cannot add a meter, the example must be coming from a Distributor. The Distributor does not have to request a meter being added. The Distributor just notifies the Retailer.	The "add" field should be changed to "change" and appropriate fields added. This is a duplicate of the issue to fix all samples #152	2000/10/09	2000/11/27	CLS	DUP	J Stewart	Toronto Hydro				0.9.1	
TH-28	177	3-Low	DI	Usage	Usage Indicator is not described in the Data Dictionary. It is in the Implementation Guide.	It should be added to the Data Dictionary.	2000/10/09	2000/10/19	PI	APV	J Stewart	Toronto Hydro				0.9.1	Add Usage Indicator to the "Usage" DD
TH-29	178	3-Low	OI	Usage	Hydro One wishes that there be four types of Usage Purpose: original, cancel, rebill and adjust. Not all people agree with this and some believe it is error prone.	see similar issue approved with due date raised by Jennifer Pithan (issues #001 and #005)	2000/10/09	2000/11/27	CLS	REJ	J Stewart	Toronto Hydro				0.9.1	

ID	#	Priority	Type	Category	Description	Resolution	Date	Date2	St1	St2	Name	Company	Field			File	Ver	Comment
TH-30	179	3-Low	DI	Invoice/Payment	The PartnerAccountNumber of the schema shows a minOccurs of zero. The IG is correct.	The schema should be corrected to have a minOccurs of one.	2000/10/09	2000/10/19	PI	APV	J Stewart	Toronto Hydro				Invoice Trading Partner	0.9.1	Change "PartnerAcountNumber" in Schema to reflect minOccurence of 1.
TH-31	180	2-Med	OI	Meter Request	Customer information appears to be mandatory in the Meter Request message. The customer is actually identified by the ValidationInformation.	The customer information should be removed, or made optional. (The same comment with respect to Account Information.)	2000/10/09	2000/11/21	CLS	REJ	J Stewart	Toronto Hydro					0.9.1	The customer information term must remain consistent with the other transactions.
TH-32	181	2-Med	OI	Invoice/Payment	The PartnerAccountNumber appears twice inside the message. Once inside the TradingPartnerInformation and once inside the AccountInformation. If they are in fact different types of account numbers (i.e., one is for the retailer itself and one for the customer), then the data dictionary should explain this. Also if this is so, since both are based on the PartnerAccountNumber type, it is possible to generate a valid schema where the Retailer is reporting its own account number for itself.	The schema should be corrected to differentiate between TradingPartnerAccountNumber and CustomerAccountNumber. Two different types will allow the schemas to perform better error checking. See #198 The trading partner's company account number will be called TradingPartnerAccountNumber.	2000/10/09	2000/11/15	PA	PD	J Stewart	Toronto Hydro	PartnerAccountNumber			InvoiceTradingPartner.xsd	0.9.1	
TH-34	182	3-Low	OI	Invoice/Payment	In the XML sample file, even though this is rate ready each Tax element contains a SequentialLineItem number, but the charge itself does not.	Either remove it from the tax elements, or add it to the charge. (Also, why does the InvoiceRateReady example contain amounts?)	2000/10/09	2000/11/15	PA	PD	J Stewart	Toronto Hydro					0.9.1	
TH-35	183	3-Low	OI	Invoice/Payment	Many of the terms are self defining and therefore not clear. For example, the description of AccountCharge is account charge.	This should be expanded upon, relating back to competitive charges, distribution charges, etc. Also, an example of the types of charges referred to by this term should be added. Someone to update all data dictionaries for improved clarification. See #191	2000/10/09	2000/11/29	CLS	DUP	J Stewart	Toronto Hydro					0.9.1	
TH-36	184	3-Low	OI	Invoice/Payment	The Ontario RSC does not seem to require a BillingMethod of type Dual.	Either remove it or provide a viable example. Even though this is within the XML sample file it is essentially a duplicate of #189.	2000/10/09	2000/11/15	CLS	DUP	J Stewart	Toronto Hydro				Invoice Customer	0.9.1	
TH-37	185	3-Low	OI	Usage	The units of measure in the metering information section do not match with those in the usage information section. This is confusing. (Sample XML files)	Fix it so the units that can possibly be measured by the meter is a superset of the units being returned. This is a duplicate of the issue to fix all samples #152.	2000/10/09	2000/11/27	CLS	DUP	J Stewart	Toronto Hydro					0.9.1	
TH-38	186	3-Low	OI	All transactions	The Functional Acknowledgement--Reject indicating all transactions within the file is just a special case of Functional Acknowledgement--Partial. All the same data is present in the message.	To reduce complexity of the standard, the Functional Acknowledgement--Reject should be removed.	2000/10/09	2000/11/27	PA	PD	J Stewart	Toronto Hydro					0.9.1	one type of FA to be removed, leaving FA to ack all transactions, indicate the whole document was not readable and one to indicate a mix of good and bad transactions.
TH-39	187	2-Med	OI	STR	While the invoice transaction allows for multiple rate codes for a given meter, the enrollment does not. There is one rate code per meter.	Each quantity type (I.e., kW, kVAR, etc.--also known as registers) could have its own rate code. The enrollment transaction should be modified to handle this.	2000/10/09	2000/11/13	CLS	REJ	J Stewart	Toronto Hydro					0.9.1	There is no issue here because there are two types of rate codes-- those for Retailers and those for Distributors.
TH-40	188	3-Low	DI	Invoice/Payment	The names for the invoice data dictionary files are not consistent with the naming convention used by the other transactions.	Make all names consistent.	2000/10/09	2000/10/19	CLS	REJ	J Stewart	Toronto Hydro					0.9.1	Will be addressed in overall cleanup
TH-41	189	1-High	OI	All parts	There is confusion related to having both an Excelergy set of standard names and an Ontario standard set of names. See references to: - Trading Partners vs. Market Participants - Country vs. Country Code - County vs. County Code - Customer vs. Consumer - OEB Licence Number vs. Company Identifier - Postal Code vs. ZipOrPostalCode - Province vs. StateOrProvidence (sic) - Socket Id vs. Delivery Point - Status Advice PIP Transaction Type vs. PIPTransactionType - Number of Units vs. Number of Services	Only use Ontario field names. See also duplicate #184 and #228.	2000/10/09	2000/11/17	PA	PD	J Stewart	Toronto Hydro					0.9.1	See (192,193,194,195,199,200)
TH-42	190	2-Med	OI	All parts	In several instances, one schema is validating the format of several different transaction variations.	Expand the set of schema.	2000/10/09	2000/11/17	PA	PD	J Stewart	Toronto Hydro					0.9.1	

TH-43	191	3-Low	OI	All Data dictionary	In many cases the definition of the term uses the term itself as part of the definition. This causes confusion when the user is not totally clear. For example, the definition for account charge is "Tag used to hold all the information relevant to an account charge" and it does not describe what is an account charge, or give any examples.	Duplicate of #183.	2000/10/09	2000/11/17	CLS	DUP	J Stewart	Toronto Hydro					0.9.1	
TH-44	192	3-Low	DI	All parts	Ontario field names of "Payment Due Date" and "Invoice Due Date" both translate into the XML tagname of InvoiceDueDate.	Use consistent terms	2000/10/09	2000/10/19	CLS	DUP	J Stewart	Toronto Hydro					0.9.1	Closed Duplicate (See 189)
TH-45	193	3-Low	DI	All parts	XML tagnames of "Reason" and "Status" both translate into the Ontario field name of Status.	Use consistent terms	2000/10/09	2000/10/19	CLS	DUP	J Stewart	Toronto Hydro					0.9.1	Closed Duplicate (See 189)
TH-46	194	3-Low	DI	All parts	Ontario field names of "ReasonText" and "StatusText" both translate into the XML tagname of ReasonText.	Use consistent terms	2000/10/09	2000/10/19	CLS	DUP	J Stewart	Toronto Hydro					0.9.1	Closed Duplicate (See 189)
TH-47	195	3-Low	DI	All parts	XML tagnames of Address and ServiceAddress both translate into the Ontario field name of "Service Address"	Use consistent terms	2000/10/09	2000/10/19	CLS	DUP	J Stewart	Toronto Hydro					0.9.1	Closed Duplicate (See 189)
TH-48	196	3-Low	DI	All parts	The Implementation Guides have many different combinations of capitalization and spacing for the same terms.	Fix	2000/10/09	2000/10/19	PI	APV	J Stewart	Toronto Hydro					0.9.1	Replace all instances of Capitalization errors throughout Documents.
TH-49	197	3-Low	DI	All parts	The word province should be used instead of providence	Fix	2000/10/09	2000/10/19	PI	APV	J Stewart	Toronto Hydro					0.9.1	Change Providence with Province
TH-50	198	2-Med	OI	All parts	The term PartnerAccountNumber is used to describe both a customer account number being held by a trading partner, and to describe the partner's actual account number with the LDC.	Use a different term for each of these references.\n\nSee #181	2000/10/09	2000/11/17	CLS	DUP	J Stewart	Toronto Hydro					0.9.1	
TH-51	199	3-Low	DI	All parts	The Ontario field name of "Meter Number Switch Date" translates to both MeterNumberSwitchDate and OldMeterNumberSwitchDate.	Use consistent terms	2000/10/09	2000/10/19	CLS	DUP	J Stewart	Toronto Hydro					0.9.1	Closed Duplicate (See 189)
TH-52	200	3-Low	DI	All parts	Ontario field names of "Service Identification" and "Service Identification Number" both translate into the XML tagname of Service Id.	Use consistent terms	2000/10/09	2000/10/19	CLS	DUP	J Stewart	Toronto Hydro					0.9.1	Closed Duplicate (See 189)
TH-53	201	2-Med	OI	STR	The 'ThirdPartyforCopiesofBills' tag in the enrollment should be optional within the schema.	Make it optional.	2000/10/09	2000/11/13	PA	PD	J Stewart	Toronto Hydro				Enrolment	0.9.1	
TH-54	202	3-Low	OI	All Schema's	The schema definition for address is used in many places. In order to keep it consistent and for maintenance purposes, it should be moved to a common area similar to the simple types file.	It should be moved to a common area similar to the simple types file.\n\nSee #212	2000/10/09	2000/11/17	CLS	DUP	J Stewart	Toronto Hydro				All	0.9.1	
TH-55	203	3-Low	DI	STR	The schema for PIPTransaction has an attribute called 'status', but it does not appear to be in the data dictionary for an enrollment request.	Add it to the data dictionary.	2000/10/09	2000/10/19	PI	APV	J Stewart	Toronto Hydro					0.9.1	Add "Status to the Enrollment Response DD
TH-56	204	2-Med	OI	STR	The Enrollment Request Reject Interface Guide includes an 'Old Account Number'. Since the transaction is rejected and the IG for the request does not include an old account number, where does the information for this field come from?	Rejects should not provide any extra information that did not come from the original request. Remove this information.\n\nOther extra information in this and other transactions may also be present. Implementor to examine all rejects to ensure that no information not within the original request is returned in the reject response.	2000/10/09	2000/11/13	PA	PD	J Stewart	Toronto Hydro				Enrolment Request Reject	0.9.1	
TH-57	205	3-Low	OI	STR	On Enrollment Request and Response—why do ThirdPartyForCopiesOfBills contain different elements?	Make them consistent.\n\nMake other name types in other transactions consistent too. Make all name types in all transactions as full-name being mandatory with the first, middle and last names being optional.\n\nSee #230.	2000/10/09	2000/11/13	PA	PD	J Stewart	Toronto Hydro				Enrolment	0.9.1	

ID	#	Pri	Type	Category	Description	Resolution	Date1	Date2	St1	St2	Person	Company	Col1	Col2	Col3	Col4	Ver	Comments
TH-58	206	2-Med	OI	Meter Request	The metering section of the standards guide describes several versions of the same transaction. For example, MTD-4 and MTD-5 both describe Historical Usage and Meter Info Request. The only difference is that in MTD-4 the info request goes first and in MTD-5 the info request goes second. MTD-5 is missing steps four and five from the description. MTD-6 is similar to MTD-5 with the exception that historical request has a late response. There are a number of flows that are missing. For example: + Retailer wishes a meter change. + Distributor wishes to notify the Retailer of a meter change. + Initial read transaction and how it fits into the transactions as a whole.	Add new details to the standards document.	2000/10/09	2000/11/21	PA	PD	J Stewart	Toronto Hydro					0.9.1	This change must be extended to all parts of the document. For example, it should be expanded to show which transaction should be used for end use customer retailer consolidated billing line items.
TH-59	207	2-Med	OI	Meter Request	Some of the max timings within the metering section of the EBT Standards document are not correct. For example MTD-3 and MTD-4 both make reference to noon of the fourth business day. MTD-5 makes reference to the five business days.		2000/10/09	2000/11/21	PA	PD	J Stewart	Toronto Hydro					0.9.1	Correct, see also #206
TH-60	208	3-Low	OI	Meter Request	The text in the MeterAccept XML example reads "Reject" in the header comment. There are likely some typos in the associated file names as well. Sample Doc.	This is a duplicate of the issue to fix all samples #152.	2000/10/09	2000/11/27	CLS	DUP	J Stewart	Toronto Hydro					0.9.1	
TH-61	209	3-Low	OI	Invoice/Payment	The Invoice Bill Ready IG allows a service to be both metered and unmetered.	Use the same text as described in issues #54 and #55.	2000/10/09	2000/11/15	PA	PD	J Stewart	Toronto Hydro		Invoice Bill Ready			0.9.1	
TH-64	210	3-Low	OI	Invoice/Payment	The Payment Advice (PA) is sent the day the payment is due, and the other party has no more than 2 days to respond with and accept or reject Application Advice (AA) on that PA. The payment outside the EBT should have taken place on the due date therefore the information in the PA is outdated. The PA is for information only and should be sent prior to the due date.	Change the EBT Standards document (section 5.4.1, page 78 under the sub-heading "Flow") so that it reads "the Payment Advice is sent as soon as the information is available" instead of the current text "on the due date of the payment".	2000/10/09	2000/11/15	PA	PD	J Stewart	Toronto Hydro					0.9.1	
TH-65	211	3-Low	OI	All Schema's	The "CommodityType" should be moved to the schema file containing the simple types.	move CommodityType to simpleTypes.xsd	2000/10/09	2000/11/17	PA	PD	J Stewart	Toronto Hydro				several	0.9.1	
TH-66	212	3-Low	OI	All Schema's	Several type descriptions are common and should be moved to a single place. Some of these belong in the SimpleTypes schema (see TH-65). Additionally, either the simple types schema should be expanded to include common types made from simple types, or a separate schema containing common types made from simple types should be created. For example, addresses are common throughout the standard.	Expand the set of simple schema types. See #202	2000/10/09	2000/11/17	PA	PD	J Stewart	Toronto Hydro				several	0.9.1	
TH-67	213	2-Med	DI	Several schemas	Some elements containing "OldMeterNumber" are missing the "OldMeterSwitchDate".	track down and add OldMeterSwitchDate where required.	2000/10/09	2000/10/19	PA	APV	J Stewart	Toronto Hydro				several	0.9.1	Add "OldmeterSwitchDate" were required.
TH-68	214	2-Med	OI	Meter Request	To make the intention of the transaction clearer, the type of MeterAction should be expanded to include the options of "Add", "Remove" and "Change".	see Description	2000/10/09	2000/11/21	PA	PD	J Stewart	Toronto Hydro					0.9.1	yes…
TH-71	215	3-Low	DI	All Schema's	All XML schema except this one have their name the same as the main element that are contained within the file. This one should be made the same as the standard.		2000/10/09	2000/11/17	PA	PD	J Stewart	Toronto Hydro			TradingPartnerDR.xsd		0.9.1	
EX-3	216	3-Low	OI	Usage	Change the name of ServiceAddress to be more accurate since it contains both address and contact information in the structure. (ie: BillingInformation, but cannot use ServiceInformation because it has already been used).	The tag name ServiceLocationInformation was proposed.	2000/10/09	2000/11/29	PA	PD	Excelergy	Excelergy					0.9.1	Use ServiceLocationInformation, but check other schema and IG locations as well.

ID	#	Priority	OI	Area	Description	Reference/Note	Date	Date	Status	Res	Src	Owner				Ver	Comments			
EX-4	217	2-Med	OI	Usage	Change MeterAction to MeterPurpose and add this as a required attribute to MeteredInformation on the MeterMaintenance transaction (it is already on the MeterRequest transaction). Valid enumerated values for the MeterMaintenance transaction will be" Add, Remove,Exchange, MeterOn, MeterOff, ChangeConfig, and Initial." Only the first 3 will be valid for the MeterRequest transaction (Add, Remove, Exchange).	see #218	2000/10/09	2000/11/27	PA	PD	Excelergy	Excelergy				0.9.1	the original proposed solution is still not totally clear, so change this term to MeterActivity and have two posible values meter turned on and meter turned off.			
EX-5	218	2-Med	OI	Usage	Remove MeterChangeout attribute on MeterRequest (covered in new attribute MeterPurpose).	see #217	2000/10/09	2000/11/27	CLS	REJ	Excelergy	Excelergy				0.9.1	see the new resolution for #217. This attribute is still required.			
EX-6	219	3-Low	OI	Usage	Change Significance to MeasurementSignificance.		2000/10/09	2000/11/29	PA	PD	Excelergy	Excelergy				0.9.1				
EX-8	220	3-Low	OI	Usage	Remove NextScheduledBillDate and NextScheduledMeterReadDate from HistoricalUsageAccept. (this data will be derived from BillingCycle and MeterCycleNumber)		2000/10/09	2000/11/29	CLS	REJ	Excelergy	Excelergy				0.9.1	this is a requirement of the Retail Settlement Code			
EX-10	221	3-Low	OI	Usage	Change the definition of ReadStructure to be "Defines the type of meter". Enumerated values of should be "Interval, NonInterval, TOU2, TOU3, TOU4". (remove Monthly)		2000/10/09	2000/11/29	PA	PD	Excelergy	Excelergy				0.9.1				
EX-11	222	3-Low	OI	Usage	Change Meter Role to be optional.		2000/10/09	2000/11/29	PA	PD	Excelergy	Excelergy				0.9.1	change MeterRole to be optional, but state that if the element is not there it defaults to "add".			
EX-12	223	2-Med	OI	Usage	Make ZipOrPostalCode optional in the address structure in applicable schemas and then enforce rules using the IG. IG should state that ZipOrPostalCode is mandatory in billing addresses and optional in service addresses.	see #002--JStewart	2000/10/09	2000/11/27	CLS	DUP	Excelergy	Excelergy				0.9.1				
EX-13	224	3-Low	OI	Usage	Change the enumerated values relating to unmetered usage to be the following: UnitOfMeasure=kWh, Measure = Estimated, Significance=Total.	note that from a billing standpoint many consider this not to be estimated--Jstewart	2000/10/09	2000/11/29	PA	PD	Excelergy	Excelergy				0.9.1	Another issue makes the Significance optional. Unmetered is not classified as estimated, use the term "Unmetered" and remove "Billed".			
EX-15	225	2-Med	OI	All Schema's	BillingCycle needs to have an attribute of PartnerType on it. BillingCycle required on Customer Invoice(with required PartnerType), optional on TradingPartnerInvoice(with required PartnerType), optional in STR's and MDT's(with optional PartnerType). This requires both schema and IG changes.	see #237, 82, 83, 85, 90, etc. -- Jstewart	2000/10/09	2000/11/17	PA	PD	Excelergy	Excelergy			All	0.9.1				
EX-16	226	2-Med	OI	Usage	MeterNumberSwitchDate needs to be optional in 3 transactions: MeterMaintenance, Usage, and HistoricalUsageAccept. Currently it is only in MeterMaintenance. Need to add to other 2 transactions and make changes to IG's.	see #013 and #014 --Jstewart	2000/10/09	2000/11/27	CLS	DUP	Excelergy	Excelergy				0.9.1				
EX-17	227	3-Low	OI	All transactions	Do we want to make a separate data structure in the IG's for each element in the schema that has a ref. (ie: AccountNumber, MeterNumber, BillingCycle, and ConsumptionAndDemand.) Our rule was to only have a separate data structure if the element had sub-elements, not just attributes assigned to it.	Leave it the way it is currently listed. That is major structures are broken out separately. Minor structures are listed below the parent item as they appear in the IG. Items with more than one, or two, child elements require their own structure.	2000/10/09	2000/11/17	CLS	REJ	Excelergy	Excelergy				0.9.1				
EX-18	228	3-Low	OI	All parts	Should enumerated values in the sample files be customized to Ontario or should we rely on stylesheets for this (ie: consumer instead of customer, retailer instead of energysupplier).	duplicate of #189	2000/10/09	2000/11/17	CLS	DUP	Excelergy	Excelergy				0.9.1				
EX-19	229	3-Low	OI	Usage, Historical Usage and Meter Maintenance	Do you want the element <DistributionLossFactor> at the account level? We were thinking this may need to be applied to a specific meter instead of an account only?		2000/10/09	2000/11/29	PA	PD	Excelergy	Excelergy				0.9.1	move it to the meter level, but it remains optional.			
EX-20	230	3-Low	OI	STR	For <ThirdPartyForCopiesOfBills>; the enrollment request only has the FullName allowed, while the enrollment response allows the FullName or all the separate names to be sent. Should we also allow for the separate names to be sent on the request?	See #205	2000/10/09	2000/11/13	CLS	DUP	Excelergy	Excelergy				0.9.1				

EX-21	231	3-Low	OI	Invoice/Payment	We need to create new IG's, sample XML files for duplicate invoices- need to know if this is needed for all invoices (Customer and TradingPartner) or just Customer Invoices.	No, the Cancel examples will only differ from the Original examples by the singe enumerated element (e.g., "BillPurpose") being changed to "Cancel".	2000/10/09	2000/11/15	CLS	REJ	Excelergy	Excelergy					0.9.1		
HO-63	232	2-Med	OI	Invoice/Payment	Settlement Detail" While this transaction is option according to the standard, the Code requires that detail be provided to Retailers on all enrolled customers billed.	Change page 68 of the EBT Standard, second paragraph from the bottom: Settlement Detail to read 'mandatory'.	2000/10/09	2000/11/15	PA	PD	Darcy Hewgill	Hydro One	Section 5.3.6 Invoice –Settlement Detail				0.9.1		
HO-64	233	2-Med	OI	Invoice/Payment	Section 5.3.6 The timing in the delivery of the settlement invoice is not possible for Hydro One within 12 days from the scheduled meter read date of the consumer's cycle as indicated.	Remove the statement of a 12 day window for transaction processing. This is to be replaced with a comment reading "as defined in the service agreement between the Distributor and the Retailer".	2000/10/09	2000/11/15	PA	PD	Darcy Hewgill	Hydro One	Section 5.3.6 Invoice –Settlement (Flow)				0.9.1		
TH-72	234	3-Low	EN	Usage	While the first and last meter readings are shown by explicitly loading UsageIndicator with the terms "initial" and "final", regular readings are shown by not including anything. It would be clearer to explicitly indicate such readings.	Provide UsageIndicator with an additional term such as "normal" to enumerate regular meter readings.	2000/10/30	2000/11/29	PA	PD	Jstewart	Toronto Hydro	UsageIndicator	UsageDataDictionary	UsageIG, UsageCancelIG	Usage	0.9.1	Use the term "Ongoing" which is the default if the term is not present.
TH-73	235	2-Med	EN	Usage	In messages that provide both meter/unmetered information data and meter/unmetered reading data the two sections are presented at the same level in the XML tree structure. Because of this, it is difficult for applications to connect the static and dynamic data (e.g. a meter serial number with the data read by the meter). Additionally, it is possible to create, and difficult to check for, situations where reading data is presented without the static being defined (i.e., the usage data is provided, but no corresponding meter information, or at a more detailed level where kW data is provided, but the meter information showing that kW data is available is missing).	All messages that provide both meter/unmetered information data and meter/unmetered reading data should be restructured so the reading data is a branch off the information data.

Jim Stewart to mock up a proposal. See also #015. | 2000/10/30 | 2000/11/21 | NEW | PD | Jstewart | Toronto Hydro | UsageInformation | UsageDataDictionary, HistoricalUsageDataDictionary | UsageIG, UsageCancelIG, HistoricalUsageResponseIG | Usage, HistoricalUsageResponse | 0.9.1 | |
| TH-74 | 236 | 3-Low | OI | All transactions | In all cases ConsumptionAndDemand, (or its proposed name UsageData) should be of type decimal. | Search all documents and make it consistent.

See #248, #249, #252, #255, #259 and #276 | 2000/10/30 | 2000/11/17 | PA | PD | Jstewart | Toronto Hydro | ConsumptionAndDemand (or its new proposed name) | Several | Several | Several | 0.9.1 | |
| TH-75 | 237 | 3-Low | OI | All transactions | BillingCycle is not type consistent throughout all transactions. | Search all documents and make it consistent.

see #23, #82, #83, #85, #90, #144, #225. | 2000/10/30 | 2000/11/17 | PA | PD | Jstewart | Toronto Hydro | BillingCycle | Several | Several | Several | 0.9.1 | |
TH-76	238	3-Low	OI	All transactions	The sample XML files have many errors and inconsistencies.	Clean up the sample XML files and/or remove some.	2000/10/30	2000/11/17	PA	PD	Jstewart	Toronto Hydro	none	none	none	none	0.9.1	
TH-77	239	2-Med	EN	All transactions	Many of the inconsistencies between the EBT standards documents are caused because there are three sets of documents that need to be kept synchronised. These are the Implementation Guides (IG), the Data Dictionaries (DD) and the schema. Most of the inconsistencies would be removed by combining the IGs with their corresponding DDs. Such a change will make the links between the IG and DD, where an IG indicates which DD to reference, superfluous. Additionally, redundant information exists between the IG and the DD. Such redundant data could be removed. Additional savings are provided just from the fact that there are fewer documents to reference for a given transaction. The cost of maintaining both IGs and DDs will increase as new versions of the EBT standard are released. Since the schema are actual valid XML documents, they cannot be combined. Use of IG and DD are standard documents for traditional EDI, but do not work as well in the XML environment.	Combine the DD documents in with their corresponding IG documents and remove the DDs from the EBT standards set.	2000/10/30	2000/11/17	PA	PD	Jstewart	Toronto Hydro	none	All	All	none	0.9.1	
TH-78	240	2-Med	OI	Application Advice	TransactionReferenceNumber -- the data type and field length are not consistent with other transactions.	TransactionReferenceNumber -- the data type should be A/N and the field length should be 30.	2000/10/31	2000/11/01	PI	APV	JStewart	Toronto Hydro	TransactionReferenceNumber	Application Advice			0.9.1	

TH-79	241	1-High	OI	Functional Acknowledge	The PIPTransactionType enumeration domain in both the DD and the simpletypes.xsd schema are wrong.	Add the required elements (e.g., MeterRequest, MeterResponse, ApplicationAdvice) and fix existing ones (e.g., CustomerInvoice should be InvoiceCustomer, TradingPartnerInvoice should be InvoiceTradingPartner, Payment should be PaymentAdvice, etc.). Check for others.	2000/10/31	2000/11/01	PI	APV	JStewart	Toronto Hydro	PIPTransactionType	PIPE Functional Acknowledgement		SimpleTypes.xsd	0.9.1				
TH-80	242	2-Med	OI	All, but Usage specifically	Wish to confirm that negative numbers can be sent in transactions. Specifically, want to send a negative amount in the usage transaction to make adjustments.

"I would just like to confirm that we are able to send a positive and negative (or at least indicate the sign) amount in the EBT transactions. This would apply to usage as well i.e being able to send negative consumption."

Note that Invoice Summary does not have debit/credit indicator, but Invoice Total does (note from Darcy H.) | Remove debit/credit indicator from all transactions and use positive and negative numbers to reflect such situations. | 2000/11/01 | 2000/11/17 | PA | PD | Robby Raghunandan | Toronto Hydro | several including ConsumptionAndDemand | Several | | | 0.9.1 | | | | |
| TH-82 | 281 | 2-Med | OI | Payment Advice | Suggest the elimination of the Payment Advice EBT, given the liability conditions specified in the RSC.

Unlike the other open access market jurisdictions in North America, the Ontario market holds the billing party fully liable for customer payment delinquency. In the Retailer Consolidated Billing option, for example, the Retailer is fully responsible to pay the Distributor for all the charges invoiced by the Distributor whether the customers pay the Retailer or not. Conversely, the Distributor is fully responsible for paying the Retailer commodity settlement amounts from the customers.

It therefore does not make sense for the Retailer to generate detailed Payment Advice entries identifying payments for each customer and transmit to the Distributor. As far as the Distributor is concerned, the payment from the Retailer is simply applied to the Retailer's account, and the Retailer is responsible for any delinquent payment thereof. The customers concerned do not owe the Distributor, and the Distributor does not need to apply payments to the customers' accounts. As lon | Remove the Payment Advice transaction from the EBT Standard | 2000/11/06 | 2000/10/09 | NEW | PD | Kah-Fae Chan | Toronto Hydro | | Payment Advice | Payment Advice | PaymentAdvice | 0.9.1 | | | | |
| TH-81 | 243 | 2-Med | OI | UsageCancel and Invoice | This issue presents itself during a UsageCancel of in a Distributor Consolidated Bill Ready situation. If the Retailer has already sent an Invoice transaction based on the incorrect Usage information, the Distributor should be allowed to cancel the invoice line already sent to the Distributor. (see page 74 of the EBT Standards Document version 1.1) If this situation is not allowed, the Distributor faces a difficult task of backing out the invalid line item. Discussion should also take place on how to apply this rule during the message race condition that may occur when the Distributor's UsageCancel and the Retailer's Invoice transaction pass each other in-flight. Issues here relate to does the Distributor queue the Usage Cancel and wait for the Invoice transaction before issuing the Usage Cancel? Alternatives include providing information of what was invoice bits were automatically cancelled as part of the Usage Cancel. | Ok, but the LDC must only cancel line items off an invoice transaction with the transaction reference number that matches the transaction from the cancelled usage.

More discussion required. | 2000/11/01 | 2000/12/06 | UI | PD | Kah-Fae Chan | Toronto Hydro | | Usage | Usage Cancel | UsageCancel | 0.9.1 | | | | |
| EX-99 | 244 | 3-Low | OI | All | remove TransactionCrossReferenceNumber from InvoiceInformation | | 2000/11/10 | 2000/11/27 | PA | PD | Excelergy | Excelergy | | | | | | remove the TransactionCrossReferenceNumber from the Invoice Trading Partner Schema | | | |

EX-100	245	3-Low	OI	All	add comments with source safe revision number and version ="1.0"		2000/11/10	2000/11/27	CLS	REJ	Excelergy	Excelergy						versioning to be supplied at the next release of the standards	
EX-101	246	3-Low	OI	All Schema's	append 'v1_0' to the end of all schema names		2000/11/10	2000/11/27	CLS	REJ	Excelergy	Excelergy						versioning to be supplied at the next release of the standards	
EX-102	247	3-Low	OI	All Change Response	update Status enumerated set so only "Accept" would be allowed on Change accepts and only "Reject would be allowed on Change rejects.	duplicate of split out schemas issue #190	2000/11/10	2000/11/27	CLS	DUP	Excelergy	Excelergy							
EX-103	248	3-Low	OI	Historical Usage	define ConsumptionAndDemand element as a decimal	See #236	2000/11/10	2000/11/29	CLS	DUP	Excelergy	Excelergy							
EX-104	249	3-Low	OI	Invoice Customer Bill Ready	define ConsumptionAndDemand element as a decimal	See #236	2000/11/10	2000/11/29	CLS	DUP	Excelergy	Excelergy							
EX-105	250	3-Low	OI	Invoice Customer Bill Ready	update BillPurpose attribute so only Original or Final would be valid values		2000/11/10	2000/11/29	PA	PD	Excelergy	Excelergy						remove the enumeration option called "Duplicate"	
EX-106	251	3-Low	OI	Invoice Customer Bill Ready	update BillingMethod enumerated set so only BillReady values are valid	see duplicate #190	2000/11/10	2000/11/29	CLS	DUP	Excelergy	Excelergy							
EX-107	252	3-Low	OI	Invoice Customer Bill Ready Cancel	define ConsumptionAndDemand element as a decimal	See #236	2000/11/10	2000/11/29	CLS	DUP	Excelergy	Excelergy							
EX-108	253	3-Low	OI	Invoice Customer Bill Ready Cancel	update BillPurpose attribute so only Cancel would be a valid value	see duplicate #190	2000/11/10	2000/11/29	CLS	DUP	Excelergy	Excelergy							
EX-109	254	3-Low	OI	Invoice Customer Bill Ready Cancel	update BillingMethod enumerated set so only BillReady values are valid	see duplicate #190	2000/11/10	2000/11/29	CLS	DUP	Excelergy	Excelergy							
EX-110	255	3-Low	OI	Invoice Customer Rate Ready	define ConsumptionAndDemand element as a decimal	See #236	2000/11/10	2000/11/29	CLS	DUP	Excelergy	Excelergy							
EX-111	256	3-Low	OI	Invoice Customer Rate Ready	update BillPurpose attribute so only Original or Final would be valid values		2000/11/10	2000/11/29	PA	PD	Excelergy	Excelergy						remove the enumeration option called "Duplicate"	
EX-112	257	3-Low	OI	Invoice Customer Rate Ready	update BillingMethod enumerated set so only RateReady values are valid	see duplicate #190	2000/11/10	2000/11/29	CLS	DUP	Excelergy	Excelergy							
EX-113	258	3-Low	OI	Invoice Customer Rate Ready Cancel	remove TransactionCrossReferenceNumber from InvoiceInformation	see #244	2000/11/10	2000/11/29	PA	PD	Excelergy	Excelergy							
EX-114	259	3-Low	OI	Invoice Customer Rate Ready Cancel	define ConsumptionAndDemand element as a decimal	See #236	2000/11/10	2000/11/29	CLS	DUP	Excelergy	Excelergy							
EX-115	260	3-Low	OI	Invoice Customer Rate Ready Cancel	update BillPurpose attribute so only Cancel would be a valid value	see duplicate #190	2000/11/10	2000/11/29	CLS	DUP	Excelergy	Excelergy							
EX-116	261	3-Low	OI	Invoice Customer Rate Ready Cancel	update BillingMethod enumerated set so only RateReady values are valid	see duplicate #190	2000/11/10	2000/11/29	CLS	DUP	Excelergy	Excelergy							
EX-117	262	3-Low	OI	Enrolment Request Rate Ready	update BillingMethod enumerated set so only RateReady values are valid	dup of the issue to split out schema, see #190	2000/11/10	2000/11/27	CLS	DUP	Excelergy	Excelergy							
EX-118	263	3-Low	OI	Enrolment Request Bill Ready	update BillingMethod enumerated set so only BillReady values are valid	dup of the issue to split out schema, see #190	2000/11/10	2000/11/27	CLS	DUP	Excelergy	Excelergy							
EX-119	264	3-Low	OI	Enrolment Response Accept Rate Ready	update BillingMethod enumerated set so only RateReady values are valid	dup of the issue to split out schema, see #190	2000/11/10	2000/11/27	CLS	DUP	Excelergy	Excelergy							
EX-120	265	3-Low	OI	Enrolment Response Accept Bill Ready	update BillingMethod enumerated set so only BillReady values are valid	dup of the issue to split out schema, see #190	2000/11/10	2000/11/27	CLS	DUP	Excelergy	Excelergy							
EX-121	266	3-Low	OI	Enrolment Response Reject Rate Ready	remove 2 elements from AccountInformation- PaymentArrangement and BudgetBilling, these are only sent on accept responses	dup of the issue to split out schema, see #190	2000/11/10	2000/11/27	CLS	DUP	Excelergy	Excelergy							
EX-122	267	3-Low	OI	Enrolment Response Reject Rate Ready	update BillingMethod enumerated set so only RateReady values are valid	dup of the issue to split out schema, see #190	2000/11/10	2000/11/27	CLS	DUP	Excelergy	Excelergy							

ID	No	Pri	Type	Area	Description	Comment	Date1	Date2	Status	Disp	Submitter	Company						Ref	Notes
EX-123	268	3-Low	OI	Enrolment Response Reject Bill Ready	remove 2 elements from AccountInformation-PaymentArrangement and BudgetBilling, these are only sent on accept responses	dup of the issue to split out schema, see #190	2000/11/10	2000/11/27	CLS	DUP	Excelergy	Excelergy							
EX-124	269	3-Low	OI	Enrolment Response Reject Bill Ready	update BillingMethod enumerated set so only BillReady values are valid	dup of the issue to split out schema, see #190	2000/11/10	2000/11/27	CLS	DUP	Excelergy	Excelergy							
EX-125	270	3-Low	OI	Simple Types	change version attribute enumerated value to 1.0		2000/11/10	2000/11/27	CLS	REJ	Excelergy	Excelergy							versioning information to be supplied at the release of the standards
EX-126	271	3-Low	OI	Usage	update Usage Purpose attribute so only Original would be a valid value	see #190	2000/11/10	2000/11/29	CLS	DUP	Excelergy	Excelergy							
EX-127	272	3-Low	OI	Usage	delete 'duplicate' as a valid value for Usage	see #250	2000/11/10	2000/11/29	PA	PD	Excelergy	Excelergy				SimpleTypes.xsd			
EX-128	273	3-Low	OI	Usage Cancel	update Usage Purpose attribute so only Cancel would be a valid value	see #190	2000/11/10	2000/11/29	CLS	DUP	Excelergy	Excelergy							
EX-129	274	3-Low	OI	All	append 'v1_0' to the end of all schema names		2000/11/10	2000/11/27	CLS	REJ	Excelergy	Excelergy							versioning information to be supplied at the release of the standards
EX-130	275	2-Med	OI	Enrolment Response	make 2 attributes from AccountInformation-PaymentArrangement and BudgetBilling optional b/c they're not sent on a Reject	duplicate of split out schemas issue #190	2000/11/10	2000/11/27	CLS	DUP	Excelergy	Excelergy							
EX-131	276	3-Low	OI	Invoice Customer	define ConsumptionAndDemand element as a decimal	see duplicate #236	2000/11/10	2000/11/29	CLS	DUP	Excelergy	Excelergy							
EX-132	277	3-Low	OI	All	update version attribute on all sample files to have a value of '1.0'		2000/11/10	2000/11/27	CLS	REJ	Excelergy	Excelergy							versioning information to be supplied at the release of the standards
EX-133	278	3-Low	OI	All	remove TransactionCrossReferenceNumber from InvoiceInformation	dup of #244	2000/11/10	2000/11/27	CLS	DUP	Excelergy	Excelergy							
EX-134	279	3-Low	OI	Enrolment Response Reject Rate Ready	remove 2 elements from AccountInformation-PaymentArrangement and BudgetBilling, these are only sent on accept responses	dup of the issue to split out schema, see #190	2000/11/10	2000/11/27	CLS	DUP	Excelergy	Excelergy							
EX-135	280	3-Low	OI	Enrolment Response Reject Bill Ready	remove 2 elements from AccountInformation-PaymentArrangement and BudgetBilling, these are only sent on accept responses	dup of the issue to split out schema, see #190	2000/11/10	2000/11/27	CLS	DUP	Excelergy	Excelergy							
HO-65	282	2-Med	OI	Invoice Settlement Total, Invoice Summary, Debit/Credit Indicator	Debit Credit Indicator missing from IG and from Schema See also #242	Add D/C indicator	2000/11/16	2000/11/29	CLS	REJ	Darcy Hewgill	Hydro One	Debit Credit Indicator		Invoice Settlement Total	Invoice Trading Partner	9.1		closed as per #242
WG-1	283	1-High	EN	All Documents	Clarification needed on letter from OEB stating the mandatory transactions for market opening, "supplier changes, meter data flows, settlement statements / invoices by distributors to retailers, and the provision of bill ready data by retailers to distributors for consolidated billing" Need a complete list of the transaction sets to assist in the prioritizing mandatory and optional.	Waiting for clarification of the OEB letter.	2000/11/21	2000/11/21	HLD	PD	Darcy Hewgill for EBT Working Group	Working Group					9.1		
HO-66	284	1-High	OI	Transport	Need to define the EBT data transfer mechanisms with the associated standards, procedures, and practices e.g., the technology for moving the messages (EBTs) between the Hub and retailers. For details, see submitted change request.		2000/11/20	2000/11/21	NEW	PD	Jeff Feinrip	Hydro One					9.1		
TH-83	285	2-Med	OI	All	It would be desirable for the fields in the EBT Standards that contain sub-fields to be broken into the sub-fields where feasible. An example of these is the Street Address, which is a 64-character field that may be formatted differently by different Distributors. If investigations show that it is practical, the 64-character field could be broken into Street Number, Street Number Qualifier, Street Name (which could include Street Type, Direction for simplicity), and Other Information (which could be used for apartment number or other special address qualifiers).		2000/12/04	2000/12/04	NEW	PD	Kah-Fae Chan	Toronto Hydro							

TH-84	286	1-High	OI	Historical Usage	The EBT Standard shows a flow for Historical Usage to be: HistUsageReq-> <-HistoricalUsageResp ApplAdvice-> Since: - there is nothing that can be done automatically with the final AA - the original requestor has the stake in the success of the transaction (i.e., more insentive to fix the problem) - this sequence violates our request/response model ...the final AA appears to be extra work for no gain. This is the only transaction in the set that looks like this.	Remove the final AA from Historical Usage and leave the sequence as Request/Response.	2000/12/04	2000/12/06	PA	PD	Jim Stewart	Toronto Hydro					
HO-67	287	1-High	OI	Usage	The RSC requires that LDCs report readings for MIST meters weekly. This has caused a disconnect between the retailers and LDCs. The retailers are planning on billing against usage as they receive it. The LDCs are expecting to only get retailer bills on the monthly (or bi-monthly, etc.) billing schedule of their customers. They are not billing weekly and do not expect these line items from the retailers weekly.	There are two proposed options to solve this issue: 1) Amend the RSC so that all meter reads are provided in accordance with the billing cycles of their respective accounts, regardless of the meter type. 2) If an RSC change, as required for option (1), is not approved by the OEB, a second solution with the downside of considerably more EBT traffic is to add a due date field to the Usage transaction. This due date field would be used to indicate when the resulting Invoice transaction is due. Trading partners would treat Usage with a due date as a request to produce an invoice and to bill off these transactions. Usage transactions without a due date would be treated as informational only as specified by the RSC and not requesting an invoice or creating a bill. It is these informational transactions that cause the extra EBT traffic.	2000/11/30	2000/12/06	HLD	PD	Jennifer Pithan	Hydro One					
HO-68	288	2-Med	OI	Usage/Historical Usage/Meter Maintenance	We need clairification on when/how to use the following fields: MeterChangeOut, OldMeterNumber, MeterSwitchDate, Rate Amount.	Amend the EBT Standards and/or make the descriptions in the Data Dictionary more robust	2000/11/30	2000/12/06	PA	PD	Jennifer Pithan	Hydro One				Remove the RateAmount field. Add more detail to the Data Dictionary for MeterChangeOut, OldMeterNumber, MeterSwitchDate--Jennifer Pithan to provide the details.	
HO-69	289	1-High	OI	Invoice Customer	We need clarification on the RSC statement of what items retailers can and cannot send in a line item for LDC Consolidated billing. The RSC seems to imply electricity charges only, but this interpretation is not accepted by all participants.	Update the RSC to explicitly list any restrictions there may be on what charges can be included in this type of line item(s).	2000/11/30	2000/12/06	HLD	PD	Jennifer Pithan	Hydro One					
TH-85	290	3-Low	DI	DropRequest, DropAccept, DropReject	In the IG, the forwarding address points to Address, but the definition of Address shows ServiceAddress as the corresponding XML name and Element Name.	It should just be Address, in both the XML name and Element Name.	2000/12/06	2000/12/06	PA	PD	Mandy Parent	Toronto Hydro		DropReque st.xsd			