

# OpenADR 2.0 Profile B

# Wholesale DR Communication Model

Message Structure		Data Elements	Data Elements	Message Structure	
oadrDistributeEvent	oadrEvent	eiEvent	requestID ↔ mRID (of Message)	Header	
			vtnID *		
			createdDateTime ↔ Timestamp (of Message)		
			eventID ↔ mRID (of DemandResponseEvent)		
			modificationNumber *		Demand Response Event
			modificationDateTime *		
			modificationReason *		
			priority *		
			eiMarketContext marketContext ↔ resourceQualificationServiceType		
			eventStatus ↔ eventStatus		
			testEvent ↔ eventType		
			vtnComment ↔ eventComments		
			dtstart ↔ eventStartTime		
			duration ↔ eventEndTime - eventStartTime		
			startbefore *		
			startafter *		
			Notification *		
			RampUp ↔ reductionDeadline - deploymentTime		
			Recovery ↔ normalOperationsTime - ReleaseTime		
			components *		
			duration ↔ releaseTime - reductionDeadline		Demand Response Deployments
			uid ↔		
			signalPayload ↔ resourceRequestedMW		
			signalName *		
			signalType ↔ = "Delta"		
			signalID *		
			itemDescription *		
			itemUnits *		
			siScaleCode *		
			currentValue *		
			duration ↔ releaseTime - reductionDeadline		
			uid *		
			signalPayload ↔ totalMWRequested		
			signalName *		
			signalType ↔ = "TotalDelta"		
			signalID *		
			itemDescription *		
			itemUnits *		
			siScaleCode *		
			currentValue *		
			dtstart *		
			duration *		
			duration *		
			uid *		
			signalPayload *		
baselineID *					
resourceID *					
baselineName *					
itemDescription *					
itemUnits *					
siScaleCode *					
aggregatedPnode ↔ mRID (of AggregateNode)	Resource Deployment				
endDeviceAsset *					
meterAsset *					
pnode *					
serviceArea *					
serviceDeliveryPoint *					
serviceLocation *					
pointOfReceipt *					
pointOfDelivery *					
groupID *					
resourceID ↔ mRID (of RegisteredResource)					
venID *					
partyID *					
oadrResponseRequired *					
responseCode ↔ acceptStatus					
responseDescription ↔ acceptComments					
requestID ↔ mRID (of Message)					
Header					