The table below lists and describes the external allocators used in the Class Cost of Service (CCOSS) model.

Code	Allocator for:	Description	Allocator Rationale & Background
C11	Connection charge	Average monthly customers for the Test Year	Customer connection revenues are driven by number
	revenues		of customer services.
C10	Used to calculate C11	C11 less automatic protective lighting and load management services. C11 less number of customers with a second service.	
C11WAF	Used to calculate C11WA allocator	Customer accounting cost weighting factors. The weighting factor for residential customers is set at 1.0. The weighting factors for other classes are defined relative to costs for residential. E.g., if a class were three times costlier, its factor would be 3.0.	Weighting factors are set so as to reflect the relative costs of meter reading, billing and providing customer service for different classes of customers. For example some rate schedules are significantly more complex requiring more sophisticated meter reading capabilities, billing systems and customer service staff.
C11WA	Customer accounting costs	Average monthly customers weighted by each class' relative rating of customer accounting costs: C11 X C11WAF	<u>Customer accounting</u> costs are driven by number of customers and the complexity of their respective rate, billing issues and customer service requirements.
C12	Used to calculate C12WM allocator	Reflects actual number of meters. C11 with an adjusted street lighting customer count. Only selected street lighting rates are metered	
C12WMF	Used to calculate C12WM allocator	Average meter cost for each customer type	
C12WM	Meter costs	Number of meters multiplied by each class' average meter costs: C12 X C12WMF	<u>Metering</u> costs are driven by the number of customers in each class and the respective metering costs.
C61PS	The "customer" (minimum system) portion of <u>primary</u> distribution line costs	Average monthly customers served at primary or secondary voltage. C11 less transmission transformed and transmission voltage customers	The number of customers served at secondary and primary voltages drives the customer related portion of <u>primary distribution line</u> costs. Transmission and Transmission Transformed voltage customers are excluded since they do not use the distribution system

Code	Allocator for:	Derivation	Allocator Rationale & Background
C61PS1Ph	The "customer"	An extensive study of the distribution system was	Multi-phase distribution lines emanate from
	(minimum system)	performed to determine the portion of each customer	substations, and all primary and secondary voltage
	portion of <u>primary</u>	class that takes service on a 1-phase distribution line as	customers should share in those costs. Then the
	distribution line costs	opposed to a 2-phase or 3-phase line. Then those	multi-phase lines split into 1-phase lines. Since only
	serving just 1-phase	weighting factors were applied to the C61PS allocator	smaller customers take service on these lines, only
	customers	to derive this allocator.	those smaller customers should pay for those costs.
C62Sec	The "customer"	Average monthly customers served at secondary	The number of customers served at secondary
	(minimum system)	voltage. C61PS less primary voltage customers	voltage drives the customer related portion of
	portion of secondary		secondary distribution line costs. Transmission and
	(not primary)		primary voltage customers are excluded since they
	distribution line costs		do not use the secondary distribution system.
C62NL	The "customer"	Adjusted average monthly secondary voltage	The number of secondary customers drives the
	(minimum system)	customers. C62Sec less street lighting and C&I	customer portion of service line costs. C&I
	portion of <u>service-line</u>	underground customers	underground secondary customers are excluded
	costs.		since they own their services. Lighting customers
			are excluded since they do not have services.
D60Sub	Distribution	Class Coincident peak measured at the high voltage	Distribution substation costs are driven by class peak
	substation costs	side of the Distribution Substation less Class	demands, whenever they occur which is generally at
		Coincident peak of Transmission Voltage customers	times other than the total system peak. Transmission
			voltage customers are excluded since they do not use
	· · ·		the distribution substation.
D61PS	The <u>capacity</u> portion	D60Sub less Transmission Transformed customer	The driver of primary distribution line costs is the
	of <u>primary</u> distribution	demands, less customer demands served by minimum	class coincident demands less the minimum system
	line costs.	distribution system and with reduced Residential	demand of each class. The minimum demand is
		Space Heating demands to reflect the fact that their	classified as a customer related cost. Also
		summer peak is less than their winter peak.	transmission and transmission transformed voltage
			customers are excluded since they do not use the
			distribution system.
D61PS1Ph	The <u>capacity</u> portion	This allocator uses the same weightings as developed	The rationale for this allocator is the same as for the
	ot <u>primary</u> distribution	in C61PS1Ph	C61PS1Ph allocator.
	line costs serving just		
D (22	1-phase customers		
D62Sec	Used to calculate the	D61PS less class coincident demands of primary voltage	
	D62SecL allocator	customers	

	Allocator For	Derivation	Allocator Rationale
Code			

D62SecL	The <u>capacity</u> portion of <u>secondary</u> distribution line costs	D62SecL equals the average of D62Sec percent and non-coincident (or "individual customer peak") secondary voltage percent.	Capacity related <u>secondary distribution line</u> costs are driven by both class coincident peak demand and individual customer maximum demand, less the minimum system demand of each class. (The minimum system demand is as customer related.) Also, transmission and primary voltage customers are excluded since they do not use the secondary distribution system.
D62NLL	The <u>capacity</u> portion of <u>service-line</u> costs	Non-coincident (or "customer peak") demand for secondary voltage customers, less the customer peak demand for street lighting, area lighting and C&I customers served underground	Capacity related <u>service line costs</u> are driven by individual customer maximum demands less the minimum system demand of each class. (The minimum system demand is customer related.) Transmission voltage, primary voltage and lighting customers are excluded since they do not cause service related costs. Also excluded are C&I underground customers since they install their own services.
D10S	Summer season portion of capacity- related generation costs	Each class' % contribution to the single summer system peak. Summer months are June through September.	The class contribution to the system summer peak drives the summer portion of capacity-related <u>generation</u> costs.
D10W	Winter season portion of capacity-related generation costs (no longer used)	Each class' % contribution to the single winter system peak. Winter months are October through May.	The class contribution to the system winter peak drives the winter portion of capacity-related generation costs.
D10T	Transmission plant costs. (no longer used)	Weighted Class Contributions to Summer and Winter Peak loads. Allocator equals (D10W% plus (D10S% times weighting factor 1)) divided by (1 + weighting factor 1). The factor is the ratio of the average summer and winter seasonal system peaks.	The driver for <u>transmission</u> costs is class contribution to the summer & winter system peaks. To reflect the fact that summer peaks have more impact, the summer peak contribution for each class is weighted by the ratio of average monthly summer and average monthly winter system peaks.

Code	Allocator For	Derivation	Allocator Rationale
D10C	Capacity-related	Weighted of Class Contributions to Summer and	Capacity- related generation costs are driven by class
	generation costs.	Winter system peak loads.	contribution to summer & winter system peaks. To
	(no longer used)		reflect the fact that summer peaks have a
		Allocator equals (D10W% plus (D10S% times weighting	disproportionate impact on capacity-related
		factor 2)) divided by (1 + weighting factor 2). The	generation costs, the summer peak is weighted by the
		factor is obtained from the average summer and winter	ratio of average monthly summer and winter system
		season peak loads, after subtracting the average annual	peaks, which are in excess of average annual
		load from each monthly load.	demand.
DADist	Certain distribution	Class percents are directly selected to correspond to	If a customer class directly and identifiably causes a
	costs.	known distribution investments for a given customer	certain cost, that class should pay for those costs.
		class.	
DASL	Certain street lighting	Class percents are directly selected to correspond to	If a customer class directly and identifiably causes a
	costs.	known street lighting investments for a given customer	certain cost, that class should pay for those costs.
		class.	
DATran	Certain transmission	Class percents are directly selected to correspond to	If a customer class directly and identifiably causes a
	costs.	known transmission investments for a given customer	certain cost, that class should pay for those costs.
		class.	
E8760	Energy-related portion	Class hourly energy (MWH) requirements multiplied	The driver of these costs is energy requirements,
	of generation, nuclear	by the corresponding hourly marginal energy cost.	which is measured by hourly energy requirements
	fuel capital and		weighted by hourly marginal energy costs.
	generation step-up		
	costs. Also allocator		
	for fuel, purchased		
	energy and energy-		
	related fixed		
	generation costs.		
R01	Interdepartmental	Class present revenues	These items are proportional to revenue.
	revenue, Regulatory		
	Expense and Gross		
	Earnings Tax		