

SMD Phase	rived (non-PII) Data Mo ESPI Element Name	Electric / Gas	ESPI Element Description	PG&E Details	Data Element Additional Detail	Required Authorization	Accessible APIs
Ph 1	Usage Point (self-link)	Both	Logical point on a network at which consumption or production is either physically measured (e.g., metered) or estimated (e.g., unmetered street lights).	Root Node: Usage Point ID (SA UUID) is the obfuscated Service Agreement ID	(IOU) Unique Identifier	Any	1)/espi/1_1/resource/Subscription/(SubscriptionID)/UsagePoint 2)/espi/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID) + all other APB Isl other APB
Ph 1	ServiceCategory	Both	(container) Category of service provided to the customer.	Container	Commodity	Any of the following:	+ all other APIS  Both (Billing or Usage Info Authorization): 11/esp/1_1/resource/Batch/Bulk/(BulkID)/(CorrelationID) -> daily subscription job 21/esp/1_1/resource/Batch/Bulk/(BulkID) 31/esp/1_1/resource/Batch/Subscription/(SubscriptionID)/UsagePoint/(UsagePointId) Usage Information (Authorization): 51/esp/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID)/MeterReading/(MeterReadingID)/IntervalBiock 61/esp/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID)/MeterReading/(MeterReadingID)/IntervalBiock 81/esp/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID)/UsageSummary 81/esp/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID)/UsageSummary 81/esp/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID)/UsageSummary 81/esp/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID)/UsageSummary/(UsageSummary)
Ph 1	Kind	Both	Service classification	Commodity of Usage Point. Example Values: 0 = electricity, 1 = gas			
Ph 1	LocalTimeParameters	Both		Daylight savings offset info			1)/espi/1_1/resource/LocalTimeParameters 2)/espi/1_1/resource/LocalTimeParameters/(LocalTimeParametersID)
Ph 1	dstEndRule	Both	Rule to calculate end of daylight savings time in the current year.	(e.g. B40E2000)			
Ph 1	dstOffset	Both	Daylight savings time offset from local standard time.	(e.g. 3600 - 1 hour)	Local Time Parameters (DST details)	Any of the following: Billing Info	
Ph 1	dstStartRule	Both	Rule to calculate start of daylight savings time in the current year.	(e.g. 360E2000)		Usage Info	
Ph 1	tzOffset	Both	Local time zone offset from UTCTime. Does not include any daylight savings time offsets.	(e.g28800 = -8 hours)			
Ph 1	Reading Type	Both	Characteristics associated with all Readings included in a MeterReading.	Root node	[container] Attributes of Interval Usage Readings		
Ph 1	accumulationBehaviour	Both	Code indicating how value is accumulated over time for Readings of ReadingType.	(e.g. 4 - deltaData)	ESPI defined attribute of Usage Reading (largely N/A to PG&E		1)/espi/1_1/resource/Batch/Bulk/(BulkID)/(CorrelationID)> daily subscription job 2)/espi/1_1/resource/Batch/Sulk/BulkID) 3)/espi/1_1/resource/Batch/Subscription(SubscriptionID) 4)/espi/1_1/resource/Batch/Subscription(SubscriptionID)/UsagePoint/(UsagePointID)/MeterReading/(MeterReadingType will have an uplink associating it to a specific UsagePoint's MeterReading and IntervalBlock  ReadingType will have an uplink associating it to a specific UsagePoint's MeterReading and IntervalBlock
Ph 1	dataQualifier	Both	Code describing a salient attribute of Readings of ReadingType.	(e.g. 12 - normal)	ESPI defined attribute of Usage Reading (largely N/A to PG&E implementation)		
Ph 1	default Quality	Both	Default value to be used if no value of ReadingQuality.quality is provided. Specific format and valid values per the standard are specified in QualityOfReading.	(e.g. 17 - validated)	Default Data Quality (if not specified in IntervalReading/ReadingQuality)		
Ph 1	flowDirection	Both	Direction associated with current related Readings.	(e.g. 1: Delivered, 19: reverse, 4: net) Electric Service Agreements with on-site generation (e.g. solar) will have both channels of data (delivered and reverse), other customers will have net only.	Energy Direction		
Ph 1	intervalLength	Both	Default interval length specified in seconds for Readings of ReadingType.	(e.g. 3600, 900, 300)	Interval Length (of Usage Reading)		
Ph 1	kind	Both	Kind of service represented by the UsagePoint	(e.g. 12 - energy)	Kind of Service related to Usage Reading	Any of the following:	
Ph 1	phase	Both	Enumeration of phase identifiers. Allows designation of phases for both transmission and distribution equipment, circuits and loads. Residential and small commercial loads are often served from single-phase, or split-phase, secondary circuits. Phases 1 and 2 refer to hot wires that are 180 degrees out of phase, while N refers to the neutral wire. Through single-phase transformer connections, these secondary ricuits may be served from one or two of the primary phase A, B, and C. For three-phase loads, use the A, B, C phase codes instead of s12N.	(e.g. Electric Service Agreements: 224 - Involving all phases, 769 - S1: Phase S1; Gas Service Agreement: 0 - Not Applicable)	ESPI defined attribute of Usage Reading	Usage Info Billing Info	
Ph 1	powerOfTenMultiplier	Both	The power of ten unit multipliers.	(e.g3) Please note UOM along with powerOfTenMultiplier when converting to desired UOM (e.g. from Wh to kWh etc.)	Power of Ten Multiplier (for interval usage values)		
Ph 1	timeAttribute	Both	Code used to specify a particular type of time interval method for Readings of ReadingType.	(e.g.0 - none)	ESPI defined attribute of Usage Reading (largely N/A to PG&E implementation)	1	
	uom	Both	The units of the reading, e.g. "Wh"	(e.g. 72 - Wh, 169 - therm) Please note UDM (along with powerOfTenMultiplier) when converting to desired UOM	,		
Ph 1	measuringPeriod	Both	(extension) Time attribute inherent or fundamental to the reading value (as opposed to 'macroPeriod' that supplies an "adjective" to describe aspects of a time period with regard to the measurement). It refers to the way the value was originally measured and not to the frequency at which it is reported or presented. For example, an hourly interval of consumption data would have value hourly' as an attribute. However in the case of an hourly sampled voltage value, the meterReadings, schema would carry the 'hourly' riverval size information. It is common for meters to report demand in a form that is measured over the course of a portion of an hour, while enterprise applications however commonly assume the demand (in kW or kVAr) normalized to 1 hour. The system that receives readings directly from the meter therefore must perform this transformation before publishing readings for use by the other enterprise systems. The scalar used is chosen based on the block size (not any sub-interval size).	(e.g. from Wh to kWh etc.)  Interval length of interval usage data. Interval granularity depends on configuration of meter. Example values: 2 = 15 min, 7 = 60 min.	Interval Length (of Usage Reading)		
Ph 1	commodity	Both	Code for commodity classification of Readings of ReadingType.	Commodity: 1 = electricity (Secondary Metered), 7 = natural Gas	(Current) Service voltage (electric only) and Commodity	Usage Info	1)/espl/1_1/resource/Batch/Bulk/(BulkID)/(CorrelationID)> daily subscription job 2)/espl/1_1/resource/Batch/Bulk/(BulkID) 3)/espl/1_1/resource/Batch/Subscription/(SubscriptionID) 4)/espl/1_1/resource/Batch/Subscription/(SubscriptionID)/UsagePoint/(UsagePointId) 5)/espl/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID)/MeterReading/(MetereadingID) ReadingType will have an uplink associating it to a specific UsagePoint's MeterReading and IntervalBlock

	Meter Reading	Both	Set of values obtained from the meter.	Root Node			
Ph 1 Ph 1	Interval Block	Both	Time sequence of Readings of the same ReadingType.	Root Node			
Ph 1	interval	Both	Specifies the time period during which the contained readings were taken.	Container			
Ph 1 Ph 1	duration start	Both Both	Duration of the interval, in seconds.  Date and time that this interval started.	In seconds (86400 = 1 day) Epoch time in seconds			
	IntervalReading	Both	Specific value measured by a meter or other asset. Each Reading is associated	Container			
Ph 1	value	Both	with a specific ReadingType.  Value in units specified by ReadingType	Interval usage amount. Please note UOM along with powerOfTenMultiplier when			
Ph 1	value	botti	value in units specified by Reading Type	converting to desired UOM (e.g. from Wh to kWh etc.)			
Ph 2	тои	E	Code for the TOU type of Readings of ReadingType.	Enumeration of Interval TOU identifiers. Identifies the applicable time of use period at the interval level — only for customers (Service Agreements) on TOU rates or on rates with a TOU version available.  Example Values: 1, 2, 3, 4, 5, 6, 7, 8, 9  See ProgramIDMappings for mapping to PG&E defined TOU periods:  1 = SPK (Summer Peak), 2 = SOP (Summer Off Peak), 3 = SPP (Summer Partial Peak), 4 = WPK (Winter Peak), 5 = WPP (Winter Partial Peak), 6 = WOP (Winter Peak), 5 = WPP (Winter Peak), 6 = WPP (Spring Peak), 8 = MOP (Spring Off Peak), 9 = MXO (Spring Super Off Peak)	Historical (Usage) Intervals (Interval Usage) Start (default interval) Duration (length in seconds) (Interval Usage) Volume Unit (kWh / Therm) Also includes: Electric Interval TOU Indicators (in combination w/ ProgramIDMappings)	Usage Info (must authorize an interval metered Service Agreement to	1)/espi/1_1/resource/Batch/Bulk/(BulkiD)/(CorrelationID)> daily subscription job 2)/espi/1_1/resource/Batch/Bulk/(BulkiD) 3)/espi/1_1/resource/Batch/Subscription/(SubscriptionID) 4)/espi/1_1/resource/Batch/Subscription/(SubscriptionID)/UsagePoint/(UsagePointId) 5)/espi/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID)/MeterReading/(MeterReadingD)/IntervalBlock 6)/espi/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID)/MeterReading/(MeterReadingD)/IntervalBlock/IntervalBlockID)
Ph 1	ReadingQuality	Both	Quality of a specific reading value or interval reading value. Note that more than one Quality may be applicable to a given Reading. Typically not used unless professions or unusual conditions occur (i.e., quality for each Reading is assumed to be 'Good' (valid) unless stated otherwise in associated ReadingQuality).	Container			
Ph 1	quality	Both	Quality of a specific reading value or interval reading value. Note that more than one Quality may be applicable to a given Reading. Typically not used unless problems or unisual conditions occur (i.e., quality for each Reading is assumed to be 'Good' (valid) unless stated otherwise in associated ReadingQuality).	(e.g. 14: raw, 17: validated, 19: Revenue Quality)			
Ph 1	timePeriod	Both	The date time and duration of a reading. If not specified, readings for each "intervalLength" in ReadingType are present.	Container			
Ph 1	duration	Both	Duration of the interval, in seconds.	In seconds (e.g. gas: 86400 electric: 3600 / 900 / 300)			
Ph 1	start UsageSummary	Both	Date and time that this interval started.	Epoch time in seconds			
Ph 1	(replaces ElectricPowerUsageSummary)	Both	(Container) Summary of usage for a billing period	Root Node: captures billing info	[Container] Historical Billing Info		
Ph 2	tariffProfile	Both	A schedule of charges; structure associated with Tariff that allows the definition of complex tariff structures such as step and time of use.	Billed tariff (rate schedule). Where applicable, tariff profile may include prefixes/suffixes indicating other rate modifiers such as Standby Rate Option for On-Site Generation (e.g. "5" prefix) and/or voitage service indicator (Primary, Secondary, Transmission) etc. Example Values:  E1 (Residential Service E-1.), HE1" (Interval Billed Residential Service E-1.), HE1N"* (Interval Billed NEM Residential TOU Service E-6.), HE6 (Interval Billed NEM Residential TOU Service E-6.), HE6 (Interval Billed NEM Residential TOU Service E-6.), HE6 (Interval Billed E-0.), LE6 (Interval Billed E-0.), LE6 (Interval Billed E-0.), LE6 (Interval Billed E-0.), LE7 (Interval	(Historical Billed) Service tariff (D- -TOU) & (Historical Billed) Standby Rate Option if On-Site Generation Indicator	Any of the following: Billing Info Usage Info	1)/espl/1_1/resource/Batch/Bulk/(BulkiD)/(CorrelationID)> daily subscription job 2)/espl/1_1/resource/Batch/Bulk/(BulkiD) 3)/espl/1_1/resource/Batch/Subscription/(SubscriptionID) 4)/espl/1_1/resource/Batch/Subscription/SubscriptionID)/UsagePoint/(UsagePointID)/UsagePointID) 5)/espl/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID)/UsageSummary 6)/espl/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID)/UsageSummary/(UsageSummary/ID)
Ph 2	bilLastPeriod	Both	The amount of the bill for the referenced billingPeriod in hundred-thousandths of the currency specified in the ReadingType for this reading (e.g., 840 = USD, US dollar).	Note, as defined by ESPI this is expressed in hundred-thousands of USD; hence 7,550,000 means \$75.50 = (7,550,000 / 100,000).	Bill total charges (\$)		
	currency	Both	The ISO 4217 code indicating the currency applicable to the bill amounts in the	(i.e. 840 = USD)	Currency of bill total costs		
Ph 2			summary.  [extension] Cycle day on which the meter for this usage point will normally be	Service Cycle Indicator for the billing period. More info here:			
	readCycle	Both	read. Usually correlated with the billing cycle.	http://www.pge.com/en/myhome/saveenergymoney/smartmeter/analogmeters/schedule/index.page	(Historical Billed) Meter Read Cycle		
Ph 2				Examples: B, C, D,F, G, H, J, J, K, L, M, N, P, Q, R, S, T V, W, X, Y, Z  Commodity:	(Historical Billed) Service voltage (if		
Ph 2	commodity	Both	Code for commodity classification of Readings of ReadingType.	1 = electricity (Secondary Metered), 7 = natural Gas	relevant)		
	billingPeriod	Both	The billing period to which the included measurements apply	bill dates			
Ph 1			C. The state of th				1)/espi/1_1/resource/Batch/Bulk/(BulkID)/{CorrelationID}> daily subscription job 2)/espi/1_1/resource/Batch/Bulk/(BulkID)
Ph 1	duration	Both	Duration of the interval, in seconds.	In seconds	Bill start date Bill end date (derived)	Billing Info	
Ph 1	start	Both	Date and time that this interval started.	Epoch time in seconds			
	overallConsumptionLastPeriod	Both	[extension] The amount of energy consumed in the last billing period.	Container			
Ph 1 Ph 1	powerOfTenMultiplier	Both	The power of ten unit multipliers.	(e.g3)			
Ph 1	timeStamp	Both	The date and time (if needed) of the summary measurement.	Epoch time in seconds	Bill total kWh (+ other attributes)	Billing Info Usage Info	
Ph 1 Ph 1	uom value	Both Both	The units of the reading, e.g. "Wh" The value of the summary measurement.	(e.g. 72 - Wh, 169 - therm) total usage for billing period			
Ph 1	value readingTypeRef	Both	The value of the summary measurement.  [extension] Reference to a full ReadingType.	total usage for billing period readingtrypeRef. DefaultQuality = Quality of overallConsumptionLastPeriod.value Example: 19: Revenue Quality			1)/espl/1_1/resource/Batch/Bulk/(BulkiD)/(CorrelationID) -> daily subscription job 2)/espl/1_1/resource/Batch/Bulk/(BulkiD) 3)/espl/1_1/resource/Batch/Bulk/(BulkiD) 3)/espl/1_1/resource/Batch/Subscription/(SubscriptionID)/UsagePoint/(UsagePointId) 4)/espl/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID)/UsageSummary 5)/espl/1_1/resource/Subscription/(SubscriptionID)/UsagePoint(UsagePointID)/UsageSummary/(UsageSummary)/(UsagePointID)/UsageSummary/(UsageSummary)/(UsagePointID)/UsageSummary/(UsageSummary)/
Ph 1	qualityOfReading statusTimeStamp	Both	Indication of the quality of the summary readings  Date/Time status of this UsageSummary	Indicates the quality at the time of request of latest provided interval usage values plus corrections corresponding to the UsageSummary.billingPeriod dates. eg. 14, 17, 19 See Attachment 2: https://www.pge.com/nots/rates/tariffs/tm2/pdf/ELEC_4378-E- A.pdf			
FILE	commodity			Epoch time in seconds Commodity:			
Ph 1	(of readingTypeRef)	Both	Code for commodity classification of Readings of ReadingType.	1 = electricity (Secondary Metered), 7 = natural Gas			

			[extension] Additional charges from the for the referenced billingPeriod which in		T T		
Ph 2	costAdditionalDetailLastPeriod	Е	total add up to costAdditionalLastPeriod.	Container for billing details			
				As applicable, will include following billing details: - Demand by TOU and Season:			
				- Demand by 100 and Season: - TOU Usage by Season			
				- Tiered Usage			
				Example Values: <u>Demand by TOU and Season:</u>			
				Max Summer Demand,			
				Max Summer Peak Demand,			
				Max Summer Off Peak Demand, Max Summer Partial Peak Demand,			
				Max Winter Demand,			
				Max Winter Peak Demand,			
				Max Winter Partial Peak Demand,			
				Max Winter Off Peak Demand TOU Usage by Season:			
				Total Summer Peak Usage,			
				Total Summer Off Peak Usage,			
				Total Summer Partial Peak Usage, Total Winter Peak Usage,			
				Total Winter Partial Peak Usage,			
				Total Winter Off Peak Usage			
				Total Spring On Peak Usage Total Spring Off Peak Usage			
				Total Spring Off Peak Usage Total Spring Super Off Peak Usage	Category: (Historical) Bill tier		
				Total Spring Usage	breakdown (if any):		
				Tiesed Heages	Name (Over Baseline 1%30%)		
				Tiered Usage: Summer Tier 1 Usage	Volume (1234.2)		
				Summer Tier 2 Usage	Category: (Historical) Bill TOU kwh		
Ph 2	note	Е		Summer Tier 3 Usage	breakdown (if any):		
		-		Summer Tier 4 Usage Summer Tier 5 Usage	Name (Over Baseline 1%30%) Volume (1234.2)		
				Winter Tier 1 Usage	Volume (1234.2)		1)/espi/1_1/resource/Batch/Bulk/{BulkID}/{CorrelationID}> daily subscription job
				Winter Tier 2 Usage	(Historical) Bill TOU kwh breakdown		2)/espi/1_1/resource/Batch/Bulk/{BulkID} 3)/espi/1_1/resource/Batch/Subscription/{SubscriptionID}
				Winter Tier 3 Usage Winter Tier 4 Usage	(if any): Name (See Comments for the	Any of the following: Billing Info	4)/espi/1_1/resource/Batch/Subscription/{SubscriptionID}/UsagePoint/{UsagePointId}
				Winter Tier 4 Usage Winter Tier 5 Usage	name (See Comments for the complete list of TOU Breakdown	DIIIII BIIIIIO	5)/espi/1_1/resource/Subscription/{SubscriptionID}/UsagePoint/{UsagePointID}/UsageSummary
				Summer Peak Tier 1 Usage	fields)		6)/espi/1_1/resource/Subscription/{SubscriptionID}/UsagePoint/{UsagePointID}/UsageSummary/{UsageSummary/{UsageSummary/{UsageSummary/{UsageSummary/{UsageSummary/{UsageSummary/{UsageSummary/{UsagePointID}}}
				Summer Peak Tier 2 Usage	Volume (1234.2)		Sommery Sy
				Summer Peak Tier 3 Usage Summer Peak Tier 4 Usage	(Historical) Bill demand breakdown (if		
				Summer Peak Tier 5 Usage	any):		
				Summer Off Peak Tier 1 Usage	Name (See Comments for the		
				Summer Off Peak Tier 2 Usage Summer Off Peak Tier 3 Usage	complete list of Demand Breakdown fields)		
				Summer Off Peak Tier 4 Usage	Volume (1234.2)		
				Summer Off Peak Tier 5 Usage			
				Summer Partial Peak Tier 1 Usage Summer Partial Peak Tier 2 Usage			
				Summer Partial Peak Tier 2 Usage Summer Partial Peak Tier 3 Usage			
				Summer Partial Peak Tier 4 Usage			
				Summer Partial Peak Tier 5 Usage			
				Winter Peak Tier 1 Usage Winter Peak Tier 2 Usage			
				Winter Peak Tier 3 Usage			
				Winter Peak Tier 4 Usage			
				Winter Peak Tier 5 Usage Winter Off Peak Tier 1 Usage			
				Winter Off Peak Tier 1 Usage Winter Off Peak Tier 2 Usage			
				Winter Off Peak Tier 3 Usage			
				Winter Off Peak Tier 4 Usage			
				Example Values: 3 - Energy Usage Fee. A charge for electricity, natural gas, water			
				consumption (as of Jan 2016, only supporting Energy Usage Fee bill details).			
Ph 2	itemKind	Е	[extension] Classification of a line item i.e. usage charge, taxes, etc	As applicable, Energy Usage Fee will include the following bill details: (see note for			
	- Control Marie	E	rescension classification of a line item i.e. usage charge, taxes, etc	possible values)			
				- Demand by TOU and Season - TOU Usage by Season			
				- Tiered Usage			
Ph 2	measurement	E	[extension] relevant measurment for line item.	Container			
Ph 2 Ph 2	powerOfTenMultiplier uom	E	The multiplier part of the unit of measure, e.g. "kilo" (k) The units of the reading, e.g. "Wh"	(e.g. 72 - Wh, 38 W)			
Ph 2	value	E	The value of the summary measurement.	(numeric value of measurement)			
Ph 2	programIDMappings	E	[extension] list of programIDmappings	Container			
Ph 2	programIDMapping	E	single program id mapping	As of Jan 2016, only supporting mapping for Time Of Use (TOU) Interval identifiers (i.e. referenced by IntervalBlock.IntervalReading.TOU)			
				As of Jan 2016, only supporting tou.			
				Example value(s): tou			
	tOUorCPPorConsumptionTier	E	kind of code	Enumeration of Interval TOU identifiers. Identifies the applicable time of use period at			
				the interval level only for customers (Service Agreements) on TOU rates or on rates			1)/espi/1_1/resource/Batch/Bulk/{BulkID}/{CorrelationID}> daily subscription job
Ph 2				with a TOU version available.		Usage Info	2)/espi/1_1/resource/Batch/Bulk/{BulkID}
Ph 2	code	E	code numeric value	ESPI enforced enumeration of TOU periods	Mapping for enumerated Interval	(for tou values	3)/espi/1_1/resource/Batch/Subscription/(SubscriptionID) 4)/espi/1_1/resource/Batch/Subscription/(SubscriptionID)/UsagePoint/(UsagePointId)
F11 Z			code numeric value	Example values: 1, 2, 3, 4, 5, 6, 7, 8, 9 Example values: SPK, SOP, SPP, WPK, WPP, WOP	Time of Use Indicators as found within IntervalBlock/ IntervalReading/		<ul> <li>4)/espi/1_1/resource/Batch/Subscription/(SubscriptionID)/UsagePoint/(UsagePointId)</li> <li>5)/espi/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID)/MeterReading/(MeterR</li> </ul>
		E	name associated with code	Mapping: 1 = SPK, 2 = SOP, 3 = SPP, 4= WPK, 5 = WPP, 6 = WOP, 7 = MPK, 8 = MOP, 9	TOU entries.	on a TOU rate or a	eadingID)/IntervalBlock
	name		The state of the s	= MXO		rate with a TOU	6)/espi/1_1/resource/Subscription/(SubscriptionID)/UsagePoint/(UsagePointID)/MeterReading/(MeterR
Ph 2	name			The state of the s			
Ph 2	name			Example Values: Summer Peak, Summer Off Peak, Summer Partial Peak, Winter Peak,		version available)	eadingID)/IntervalBlock/{IntervalBlockID}
Ph 2	name			Example Values: Summer Peak, Summer Off Peak, Summer Partial Peak, Winter Peak, Winter Partial Peak, Winter Off Peak, Spring Peak, Spring Off Peak, Spring Partial Peak,		version available)	eadingiD)/Intervalisiock/(IntervalisiockiD)
Ph 2		E	optional description of code	Example Values: Summer Peak, Summer Off Peak, Summer Partial Peak, Winter Peak,		version available)	eadingti)//intervalisiock/ (intervalisiockid)
Ph 2	name	E	optional description of code	Example Values: Summer Peak, Summer Off Peak, Summer Partial Peak, Winter Peak, Winter Peak, Peak, Spring Peak, Spring Off Peak, Spring Partial Peak, Spring Super Off Peak  Mapping: SPK = Summer Peak, SOP = Summer Off Peak, SPP = Summer Partial Peak,		version available)	eadinglu//intervalisiocx/(intervalisiocxiu)
Ph 2		E	optional description of code	Example Values: Summer Peak, Summer Off Peak, Summer Partial Peak, Winter Peak, Winter Peak, Winter Partial Peak, Winter Off Peak, Spring Off Peak, Spring Super Off Peak, Spring Super Off Peak, SPP Summer Peak, SPP Summer Peak, SPP Summer Peak, WPF Winter Partial Peak, WPF Winter PEAK, WPF WINT		version available)	eadingit/)/intervalisiocx(intervalisiocxit)
Ph 2		E	optional description of code	Example Values: Summer Peak, Summer Off Peak, Summer Partial Peak, Winter Peak, Winter Peak, Peak, Spring Peak, Spring Off Peak, Spring Partial Peak, Spring Super Off Peak  Mapping: SPK = Summer Peak, SOP = Summer Off Peak, SPP = Summer Partial Peak,		version available)	eading(U)/Intervalsiock(IntervalsiockiU)